

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX051518\
 Data File : VX001719.D
 Acq On : 14 May 2018 19:36
 Operator : JC/MD
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 ICSVX051518

Manual Integrations
 APPROVED

MMDadoda
 5/16/2018 11:54:08 AM

Quant Time: May 15 05:48:12 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X051518W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 15 01:36:22 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	329960	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	438645	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	379452	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	253000	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	221604	50.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.22%	
35) Dibromofluoromethane	5.51	113	188930	51.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.08%	
50) Toluene-d8	8.72	98	710280	53.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.14%	
62) 4-Bromofluorobenzene	11.14	95	243429	51.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.00%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	160889	48.59	ug/l	99
3) Chloromethane	1.32	50	195109	54.55	ug/l	99
4) Vinyl Chloride	1.40	62	193743	50.10	ug/l	99
5) Bromomethane	1.64	94	87035	53.71	ug/l	98
6) Chloroethane	1.72	64	121673	49.95	ug/l	98
7) Trichlorofluoromethane	1.93	101	273585	48.69	ug/l	98
8) Diethyl Ether	2.19	74	116456	50.35	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.38	101	160551	47.46	ug/l	99
10) Methyl Iodide	2.51	142	118043	37.93	ug/l	99
11) Tert butyl alcohol	3.09	59	195665	249.19	ug/l	100
12) 1,1-Dichloroethene	2.37	96	159437	48.89	ug/l	99
13) Acrolein	2.30	56	156312	280.68	ug/l	99
14) Allyl chloride	2.73	41	305599	50.69	ug/l	98
15) Acrylonitrile	3.15	53	501447	254.26	ug/l	100
16) Acetone	2.45	43	416668	239.86	ug/l	99
17) Carbon Disulfide	2.57	76	431957	50.78	ug/l	99
18) Methyl Acetate	2.78	43	264149	52.01	ug/l	98
19) Methyl tert-butyl Ether	3.21	73	559501	50.90	ug/l	99
20) Methylene Chloride	2.86	84	179145	48.18	ug/l	99
21) trans-1,2-Dichloroethene	3.17	96	176107	49.02	ug/l	97
22) Diisopropyl ether	3.88	45	586764	50.74	ug/l	99
23) Vinyl Acetate	3.83	43	2019171	242.34	ug/l	100
24) 1,1-Dichloroethane	3.70	63	312116	49.21	ug/l	99
25) 2-Butanone	4.72	43	693620	260.81	ug/l	97
26) 2,2-Dichloropropane	4.59	77	246705	48.32	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	206363	50.48	ug/l	99
28) Bromochloromethane	5.03	49	151479	53.77	ug/l	100
29) Tetrahydrofuran	5.17	42	453907	261.83	ug/l	99
30) Chloroform	5.22	83	329782	49.50	ug/l	100
31) Cyclohexane	5.57	56	285542	51.36	ug/l	99
32) 1,1,1-Trichloroethane	5.50	97	293880	51.05	ug/l	99
36) 1,1-Dichloropropene	5.81	75	249498	49.41	ug/l	99
37) Ethyl Acetate	4.87	43	269781	51.27	ug/l	100
38) Carbon Tetrachloride	5.79	117	266924	50.46	ug/l	99

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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	298138	50.53	ug/l	99
40) Benzene	6.15	78	747849	50.27	ug/l	100
41) Methacrylonitrile	5.07	41	154266	50.69	ug/l	99
42) 1,2-Dichloroethane	6.20	62	263739	49.02	ug/l	99
43) Isopropyl Acetate	6.48	43	434344	52.74	ug/l	99
44) Trichloroethene	7.22	130	231743	50.19	ug/l	97
45) 1,2-Dichloropropane	7.53	63	183568	50.28	ug/l	98
46) Dibromomethane	7.67	93	125949	49.13	ug/l	98
47) Bromodichloromethane	7.90	83	247392	52.01	ug/l	98
48) Methyl methacrylate	7.79	41	229108	52.85	ug/l	99
49) 1,4-Dioxane	7.76	88	92817	1111.97	ug/l	97
51) 4-Methyl-2-Pentanone	8.66	43	1396887	267.63	ug/l	100
52) Toluene	8.79	92	489460	51.20	ug/l	100
53) t-1,3-Dichloropropene	8.44	75	301619	53.89	ug/l	98
54) cis-1,3-Dichloropropene	9.05	75	256454	51.98	ug/l	98
55) 1,1,2-Trichloroethane	9.22	97	179484	49.12	ug/l	98
56) Ethyl methacrylate	9.19	69	274789	53.03	ug/l	98
57) 1,3-Dichloropropane	9.38	76	297371	48.61	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	728821	273.41	ug/l	99
59) 2-Hexanone	9.51	43	976369	261.31	ug/l	99
60) Dibromochloromethane	9.59	129	198214	52.97	ug/l	99
61) 1,2-Dibromoethane	9.68	107	193171	50.49	ug/l	100
64) Tetrachloroethene	9.34	164	239136	48.41	ug/l	98
65) Chlorobenzene	10.15	112	514957	49.34	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.23	131	191079	51.83	ug/l	98
67) Ethyl Benzene	10.26	91	856383	51.34	ug/l	100
68) m/p-Xylenes	10.37	106	677491	102.94	ug/l	99
69) o-Xylene	10.71	106	330306	52.41	ug/l	99
70) Styrene	10.72	104	554302	53.32	ug/l	99
71) Bromoform	10.87	173	163420	47.77	ug/l #	100
73) Isopropylbenzene	11.02	105	878155	52.70	ug/l	100
74) N-amyl acetate	6.48	43	434344	54.38	ug/l #	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	256101	51.24	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	251368m	52.25	ug/l	
77) Bromobenzene	11.26	156	252524	51.58	ug/l	100
78) n-propylbenzene	11.37	91	983538	52.40	ug/l	100
79) 2-Chlorotoluene	11.43	91	580663	51.72	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	726283	53.13	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	76693	47.67	ug/l	98
82) 4-Chlorotoluene	11.52	91	683252	51.66	ug/l	100
83) tert-Butylbenzene	11.77	119	739015	54.33	ug/l	98
84) 1,2,4-Trimethylbenzene	11.81	105	754794	53.32	ug/l	100
85) sec-Butylbenzene	11.95	105	887111	52.83	ug/l	100
86) p-Isopropyltoluene	12.07	119	818335	52.67	ug/l	100
87) 1,3-Dichlorobenzene	12.03	146	458351	50.62	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	467115	49.89	ug/l	100
89) n-Butylbenzene	12.40	91	698779	52.00	ug/l	100
90) Hexachloroethane	12.60	117	130311	54.00	ug/l	98
91) 1,2-Dichlorobenzene	12.40	146	454714	50.40	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.01	75	58742	55.07	ug/l	98

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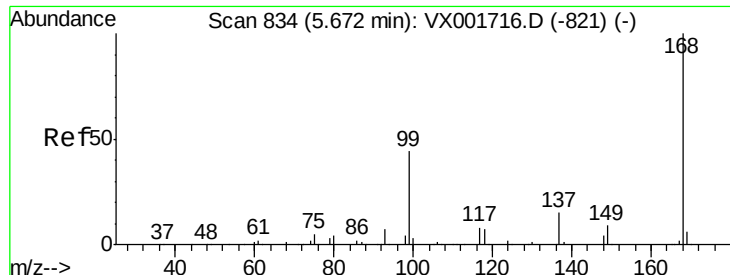
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	376401	52.34	ug/l	99
94) Hexachlorobutadiene	13.79	225	191463	49.59	ug/l	99
95) Naphthalene	13.84	128	1026125	54.90	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	373680	51.61	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 834

Delta R.T. -0.00 min

Lab File: VX001719.D

Acq: 14 May 2018 19:36

Instrument :

MSVOA_X

ClientSampleId :

ICVVX051518

Tot Ion:168 Resp: 329960

Ion Ratio Lower Upper

168 100

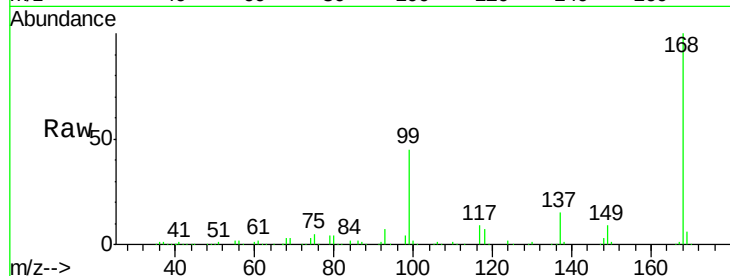
99 45.1 35.0 52.4

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

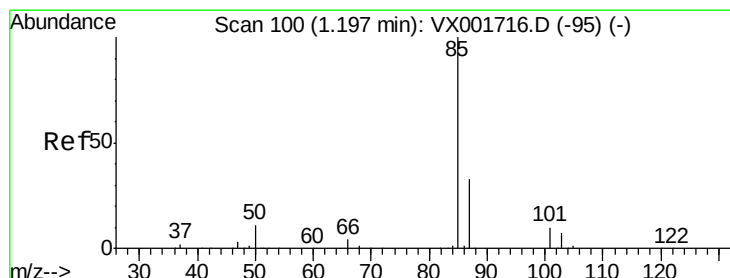
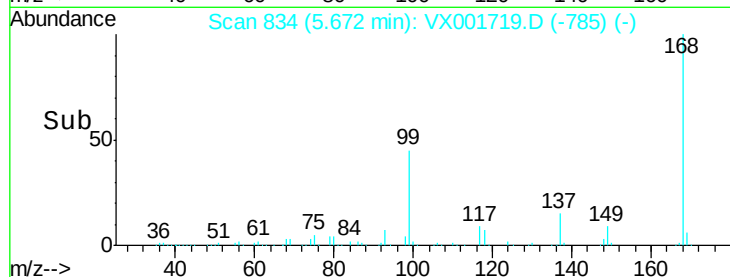
5.67

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 48.59 ug/l

RT: 1.20 min Scan# 100

Delta R.T. -0.00 min

Lab File: VX001719.D

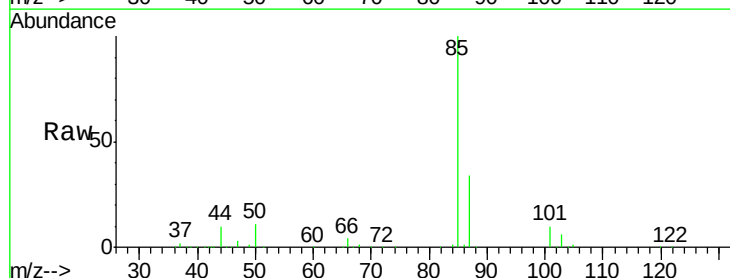
Acq: 14 May 2018 19:36

Tgt Ion: 85 Resp: 160889

Ion Ratio Lower Upper

85 100

87 33.6 16.4 49.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

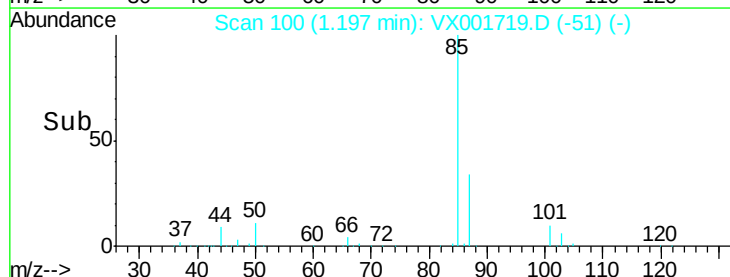
150000

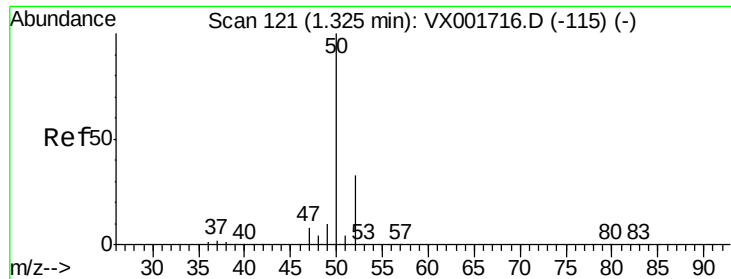
100000

50000

0

Time-->





#3

Chloromethane

Concen: 54.55 ug/l

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX001719.D

Acq: 14 May 2018 19:36

Instrument :

MSVOA_X

ClientSampleId :

ICVVX051518

Tot Ion: 50 Resp: 195109

Ion Ratio Lower Upper

50 100

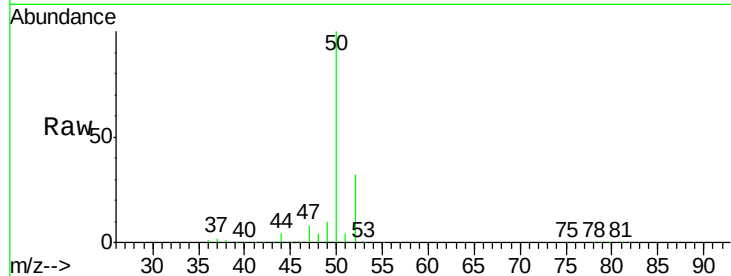
52 32.1 26.3 39.5

Manual Integrations

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Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

1.32

200000

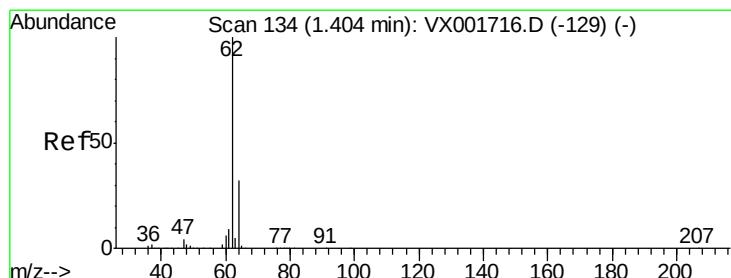
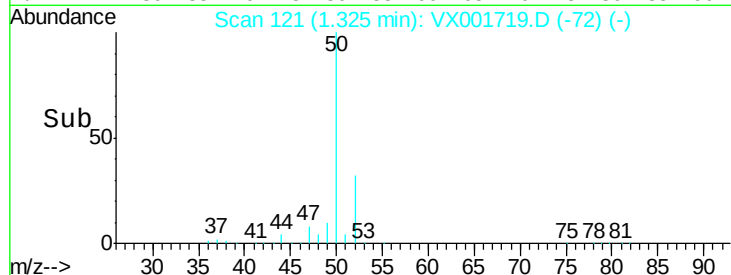
150000

100000

50000

0

Time--> 1.25 1.30 1.35 1.40



#4

Vinyl Chloride

Concen: 50.10 ug/l

RT: 1.40 min Scan# 134

Delta R.T. -0.00 min

Lab File: VX001719.D

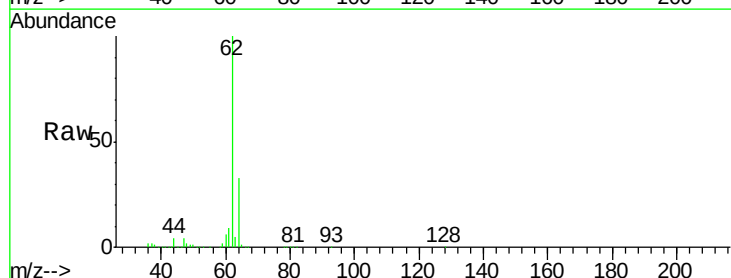
Acq: 14 May 2018 19:36

Tgt Ion: 62 Resp: 193743

Ion Ratio Lower Upper

62 100

64 32.7 25.6 38.4



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0

1.40

200000

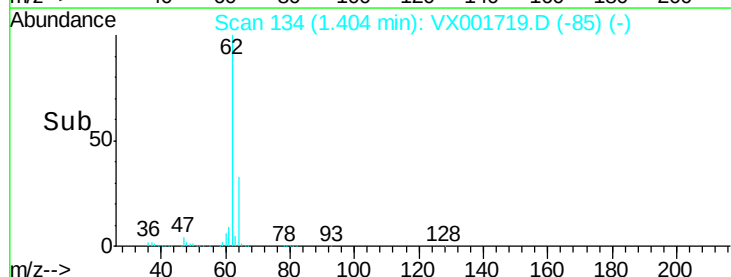
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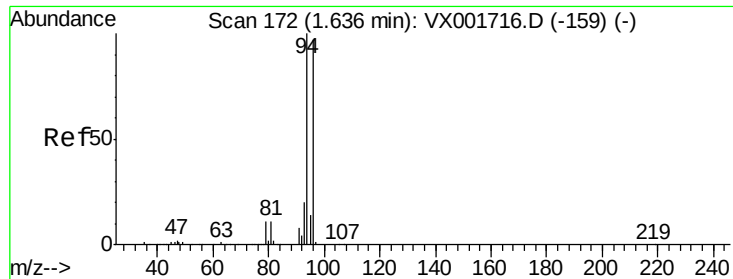
100000

50000

0

Time--> 1.35 1.40 1.45 1.50





#5

Bromomethane

Concen: 53.71 ug/l

RT: 1.64 min Scan# 172

Delta R.T. 0.00 min

Lab File: VX001719.D

Acq: 14 May 2018 19:36

Instrument :

MSVOA_X

ClientSampleId :

ICVVX051518

Tot Ion: 94 Resp: 87035

Ion Ratio Lower Upper

94 100

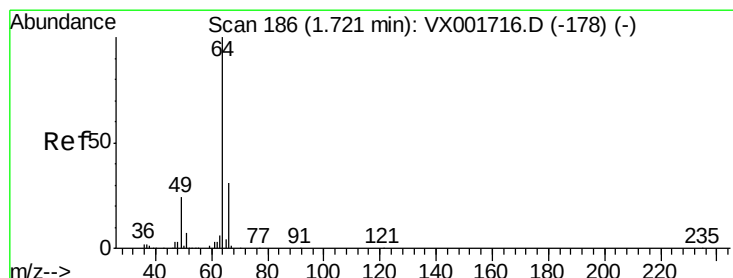
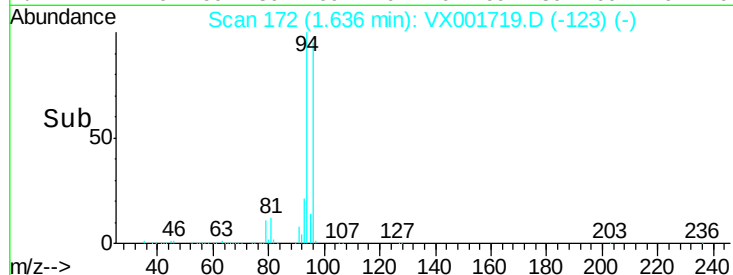
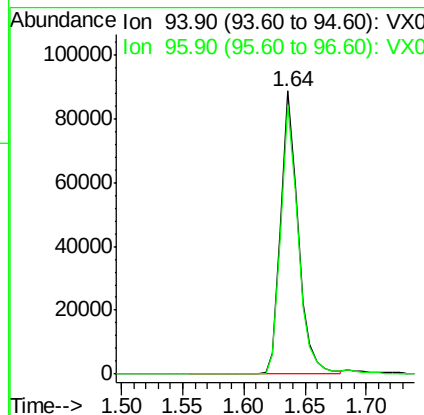
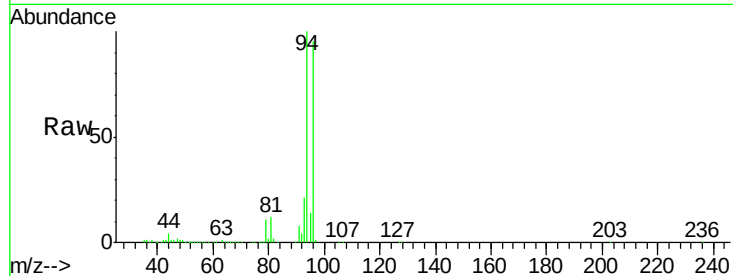
96 95.0 77.4 116.0

Manual Integrations

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#6

Chloroethane

Concen: 49.95 ug/l

RT: 1.72 min Scan# 186

Delta R.T. 0.00 min

Lab File: VX001719.D

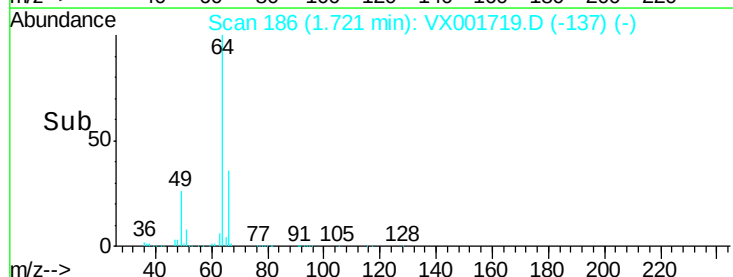
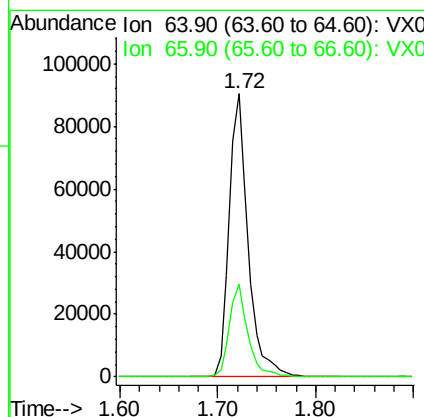
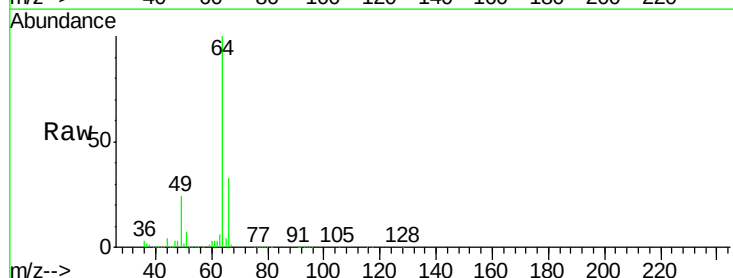
Acq: 14 May 2018 19:36

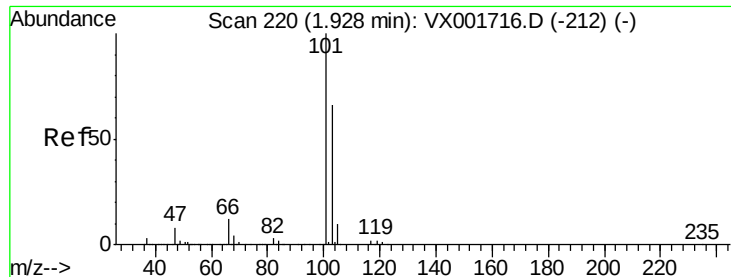
Tgt Ion: 64 Resp: 121673

Ion Ratio Lower Upper

64 100

66 32.4 25.2 37.8





#7

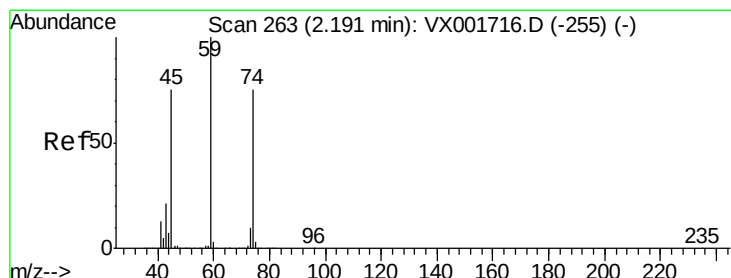
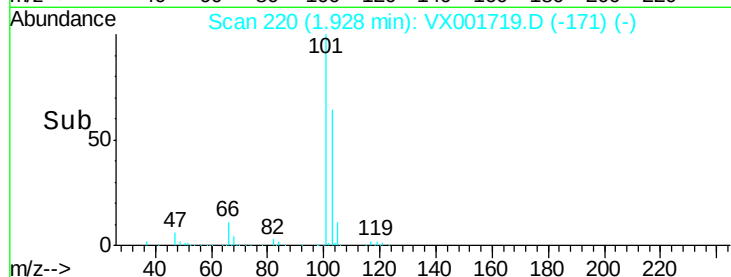
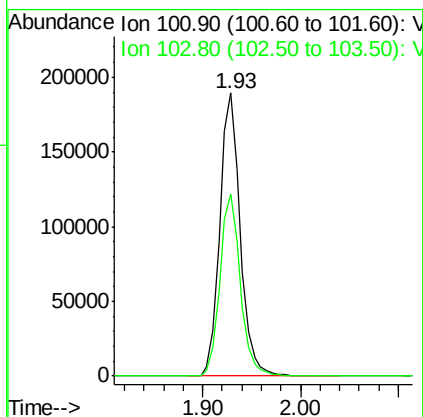
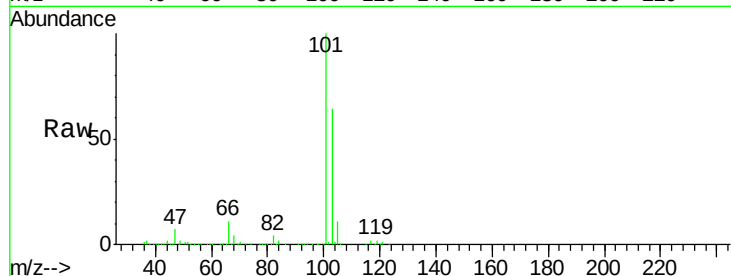
Trichlorofluoromethane
Concen: 48.69 ug/l
RT: 1.93 min Scan# 220
Delta R.T. 0.00 min
Lab File: VX001719.D
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ICVVX051518

Tot Ion	Ratio	Resp	Lower	Upper
101	100	273585		
103	64.3	52.6	78.8	

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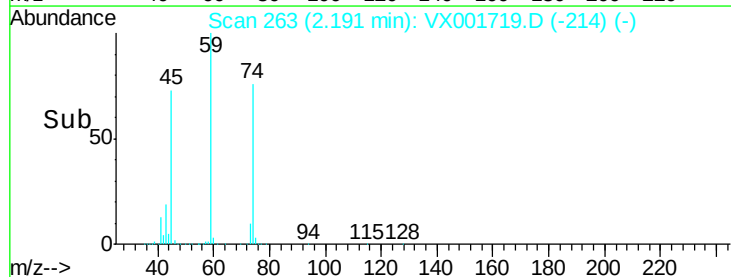
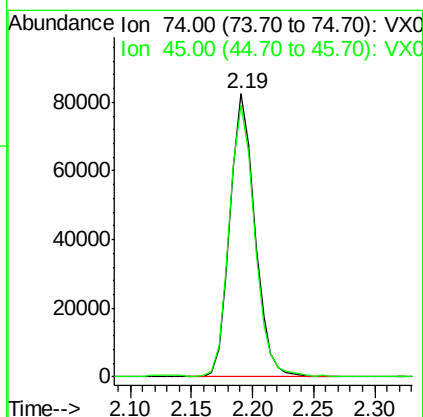
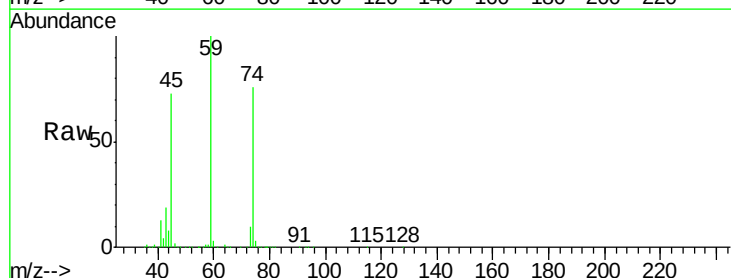
MMDadoda
5/16/2018 11:54:08 AM

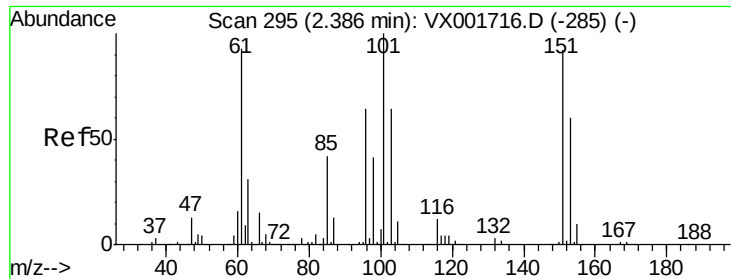


#8

Diethyl Ether
Concen: 50.35 ug/l
RT: 2.19 min Scan# 263
Delta R.T. 0.00 min
Lab File: VX001719.D
Acq: 14 May 2018 19:36

Tgt Ion	Ratio	Resp	Lower	Upper
74	100	116456		
45	97.5	50.0	149.8	





#9

1,1,2-Trichlorotrifluoroethane

Concen: 47.46 ug/l

RT: 2.38 min Scan# 294

Delta R.T. -0.01 min

Lab File: VX001719.D

Acq: 14 May 2018 19:36

Instrument :

MSVOA_X

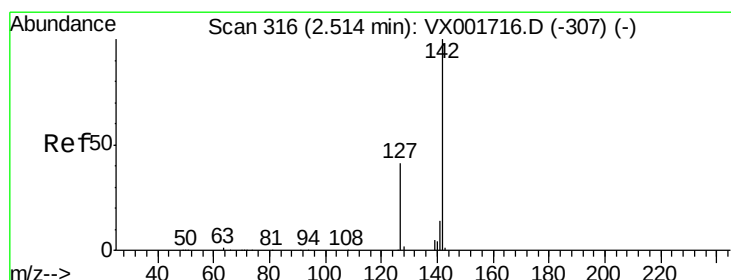
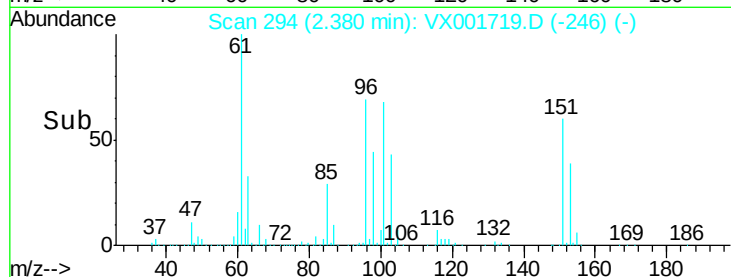
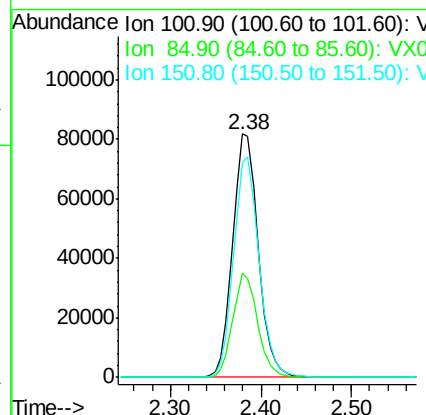
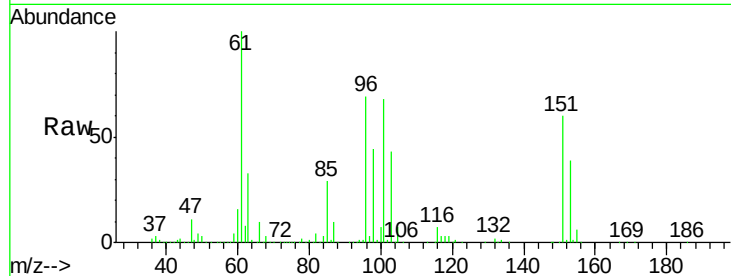
ClientSampleId :

ICVVX051518

Tot Ion:	101	Resp:	160551
Ion Ratio	Lower	Upper	
101	100		
85	41.5	33.7	50.5
151	90.2	73.0	109.6

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#10

Methyl Iodide

Concen: 37.93 ug/l

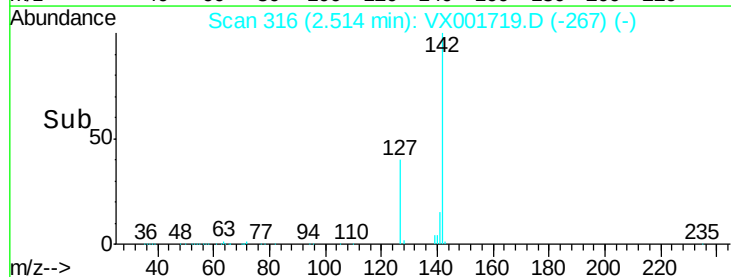
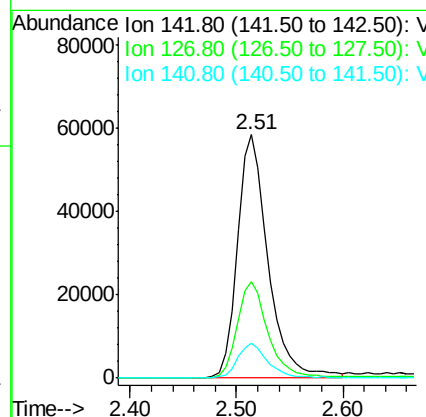
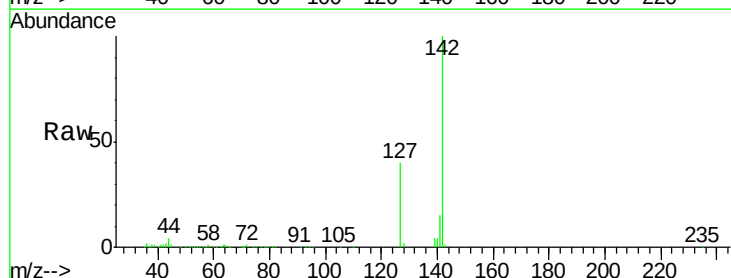
RT: 2.51 min Scan# 316

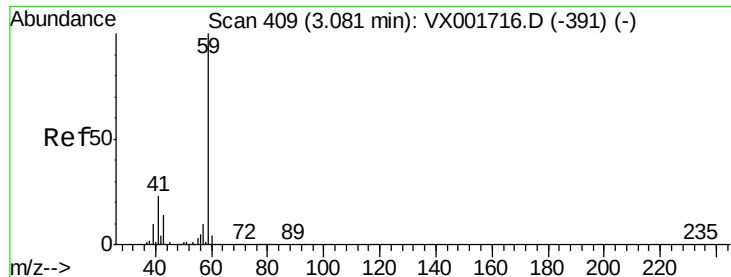
Delta R.T. -0.00 min

Lab File: VX001719.D

Acq: 14 May 2018 19:36

Tgt Ion:	142	Resp:	118043
Ion Ratio	Lower	Upper	
142	100		
127	40.1	32.5	48.7
141	14.4	11.4	17.0





#11

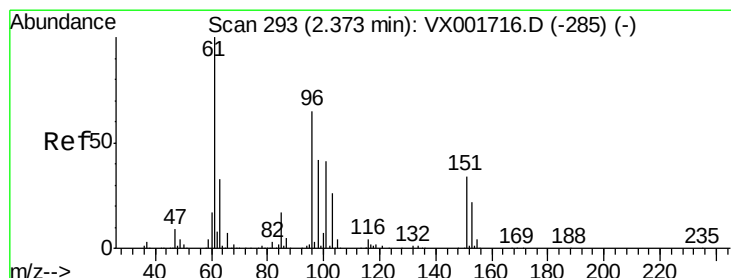
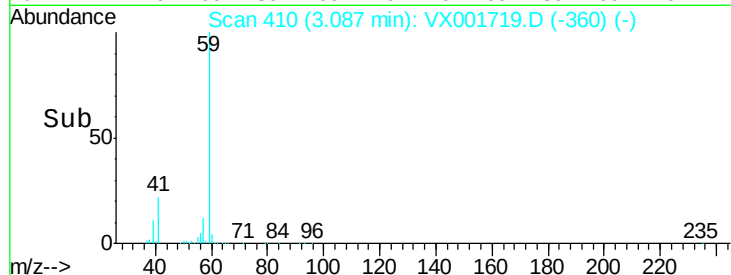
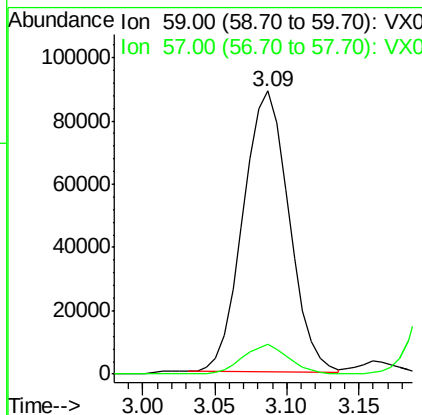
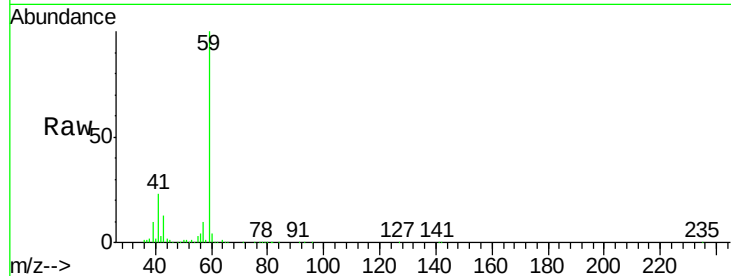
Tert butyl alcohol
Concen: 249.19 ug/l
RT: 3.09 min Scan# 410
Delta R.T. 0.01 min
Lab File: VX001719.D
Acq: 14 May 2018 19:36

Instrument :
MSVOA_X
ClientSampleId :
ICVVX051518

Tot Ion	Ratio	Resp	Lower	Upper
59	100	195665		
57	10.6		8.5	12.7

Manual Integrations
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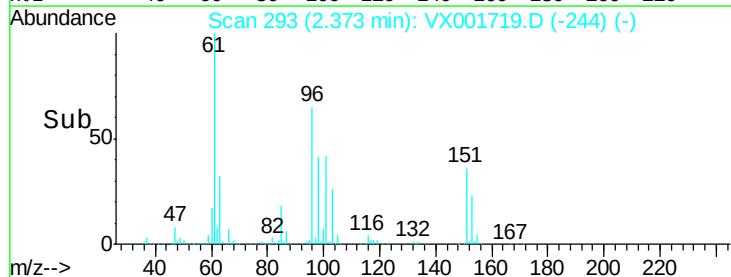
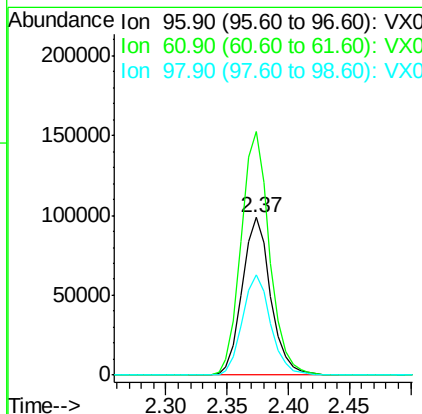
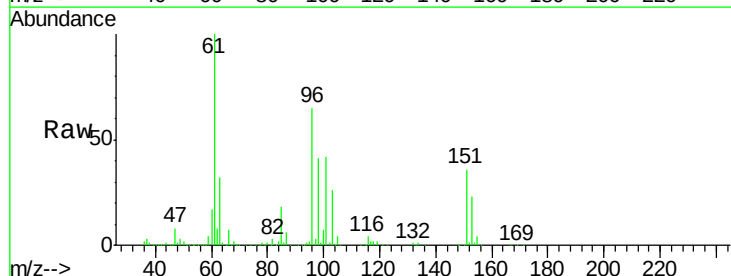
MMDadoda
5/16/2018 11:54:08 AM

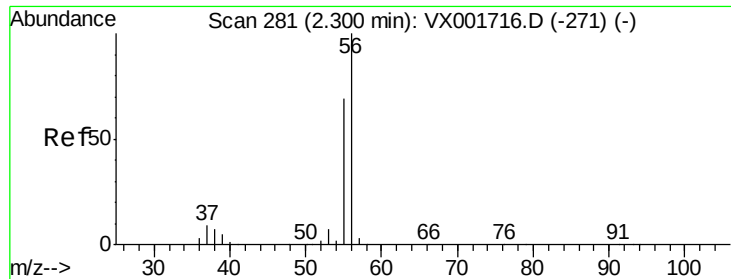


#12

1,1-Dichloroethene
Concen: 48.89 ug/l
RT: 2.37 min Scan# 293
Delta R.T. -0.00 min
Lab File: VX001719.D
Acq: 14 May 2018 19:36

Tgt Ion	Ratio	Resp	Lower	Upper
96	100	159437		
61	154.5		122.2	183.2
98	63.8		51.4	77.0





#13

Acrolein

Concen: 280.68 ug/l

RT: 2.30 min Scan# 281

Delta R.T. 0.00 min

Lab File: VX001719.D

Acq: 14 May 2018 19:36

Instrument :

MSVOA_X

ClientSampleId :

ICVVX051518

Tot Ion: 56 Resp: 156312

Ion Ratio Lower Upper

56 100

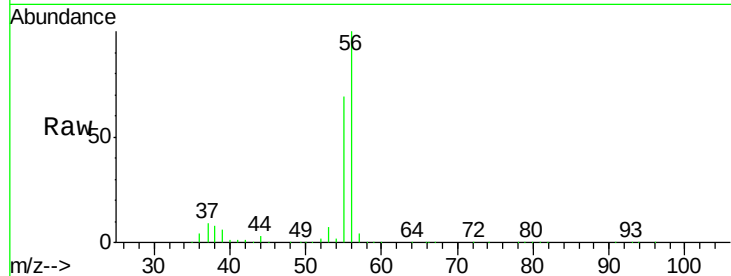
55 69.4 56.2 84.2

Manual Integrations

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Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

2.30

100000

80000

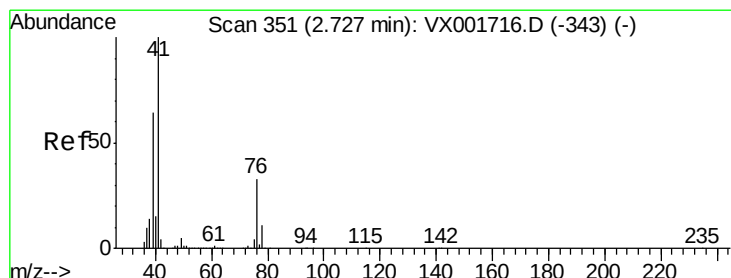
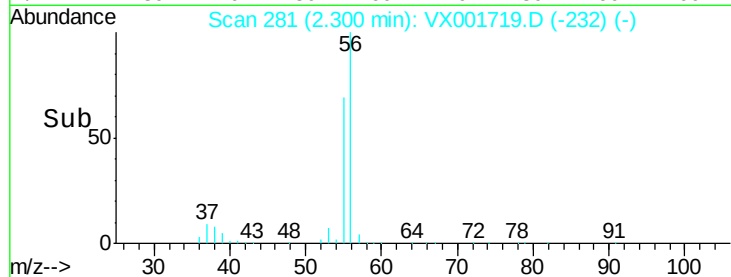
60000

40000

20000

0

Time-->



#14

Allyl chloride

Concen: 50.69 ug/l

RT: 2.73 min Scan# 351

Delta R.T. -0.00 min

Lab File: VX001719.D

Acq: 14 May 2018 19:36

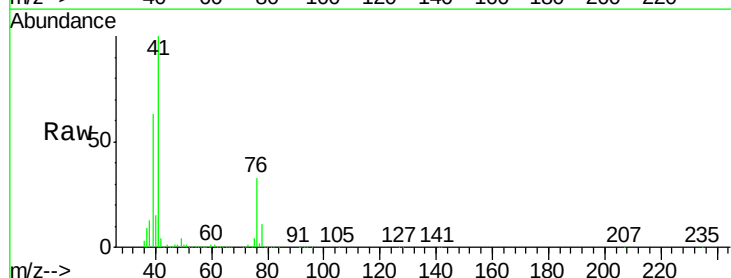
Tgt Ion: 41 Resp: 305599

Ion Ratio Lower Upper

41 100

39 60.4 49.8 74.6

76 31.5 25.8 38.8



Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0

2.73

200000

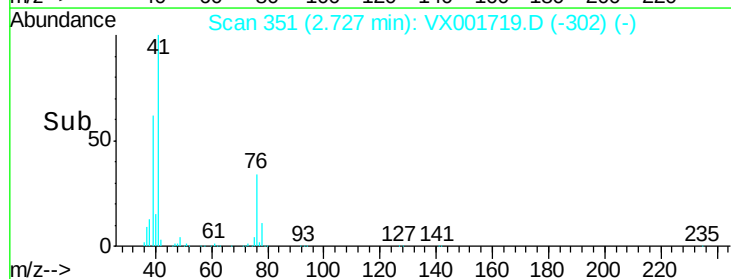
150000

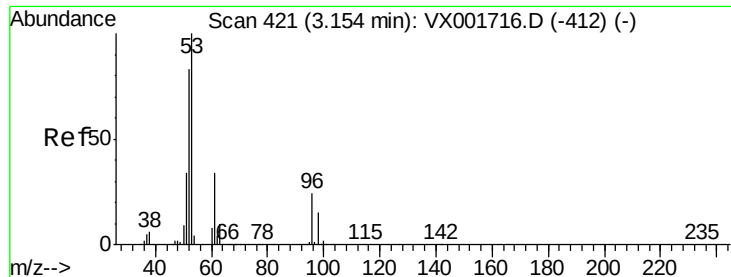
100000

50000

0

Time-->





#15

Acrylonitrile

Concen: 254.26 ug/l

RT: 3.15 min Scan# 421

Delta R.T. -0.00 min

Lab File: VX001719.D

Acq: 14 May 2018 19:36

Instrument :

MSVOA_X

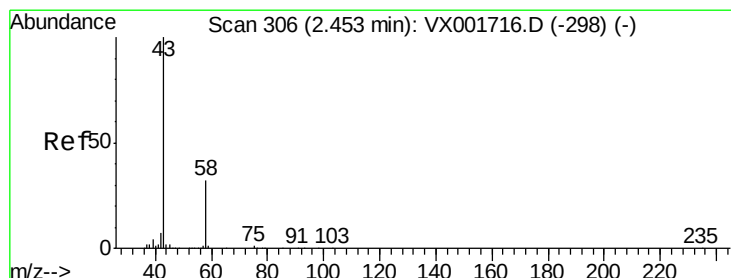
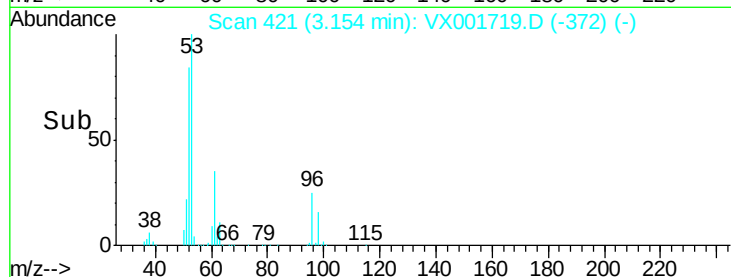
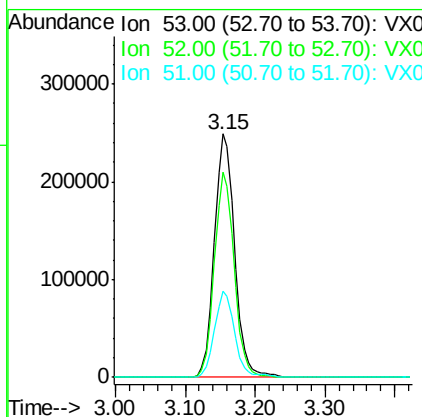
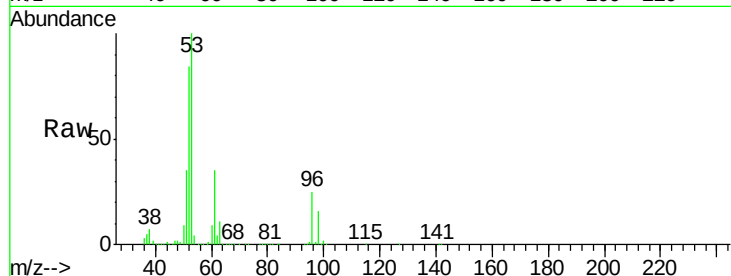
ClientSampleId :

ICVVX051518

Tot Ion:	53	Resp:	501447
Ion Ratio		Lower	Upper
53	100		
52	82.1	65.6	98.4
51	35.0	28.1	42.1

Manual Integrations
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#16

Acetone

Concen: 239.86 ug/l

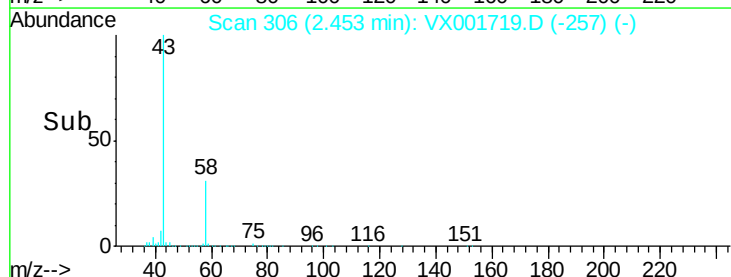
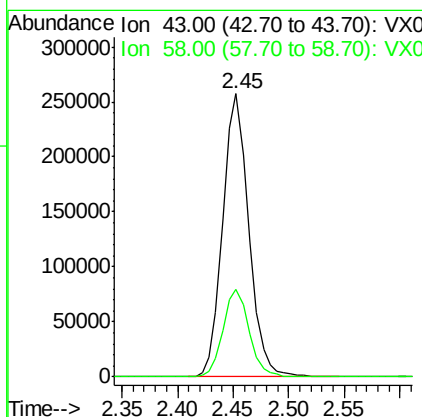
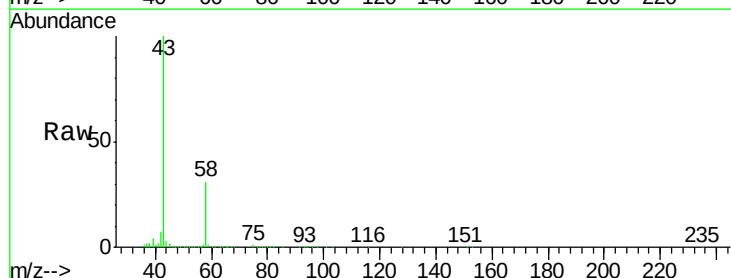
RT: 2.45 min Scan# 306

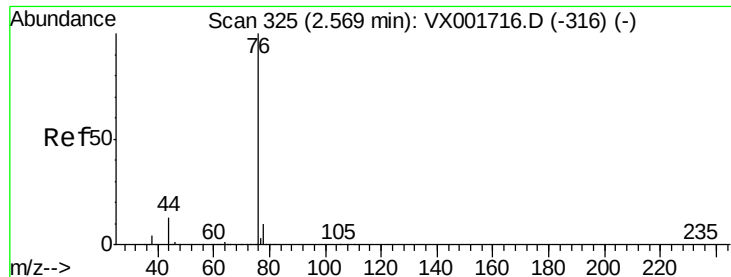
Delta R.T. -0.00 min

Lab File: VX001719.D

Acq: 14 May 2018 19:36

Tgt Ion:	43	Resp:	416668
Ion Ratio		Lower	Upper
43	100		
58	31.0	25.3	37.9





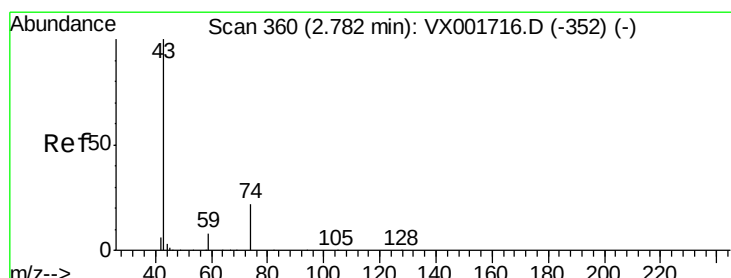
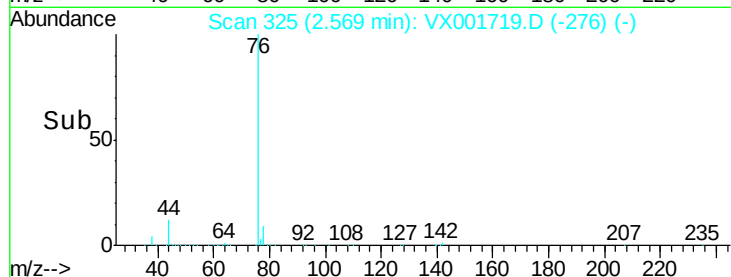
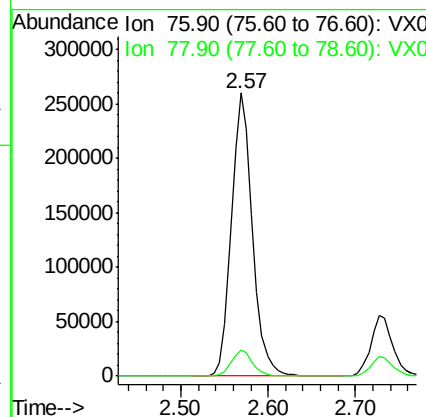
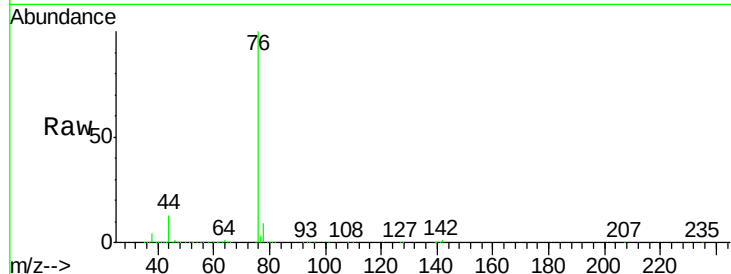
#17
Carbon Disulfide
Concen: 50.78 ug/l
RT: 2.57 min Scan# 325
Delta R.T. -0.00 min
Lab File: VX001719.D
Acq: 14 May 2018 19:36

Instrument :
MSVOA_X
ClientSampleId :
ICVVX051518

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.1	7.6	11.4

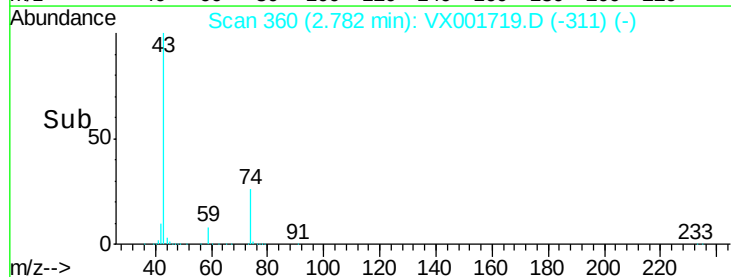
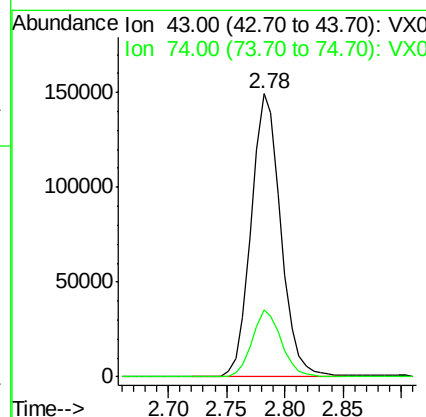
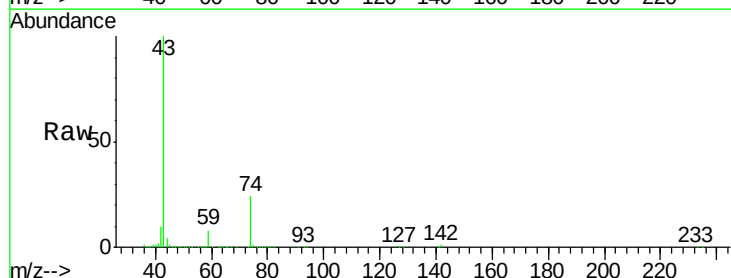
Manual Integrations
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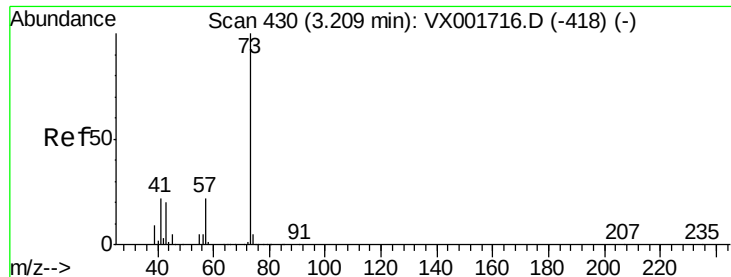
MMDadoda
5/16/2018 11:54:08 AM



#18
Methyl Acetate
Concen: 52.01 ug/l
RT: 2.78 min Scan# 360
Delta R.T. -0.00 min
Lab File: VX001719.D
Acq: 14 May 2018 19:36

Tgt Ion	Ratio	Lower	Upper
43	100		
74	23.8	18.2	27.2





#19

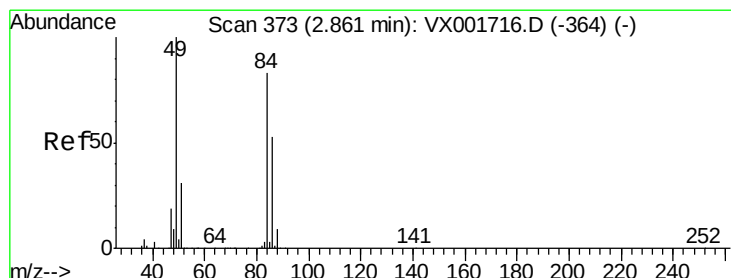
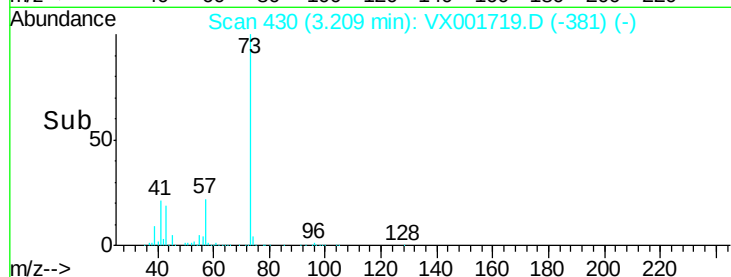
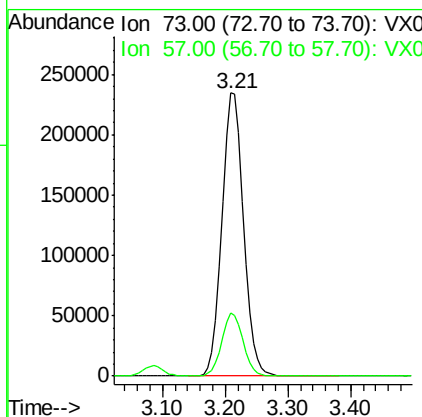
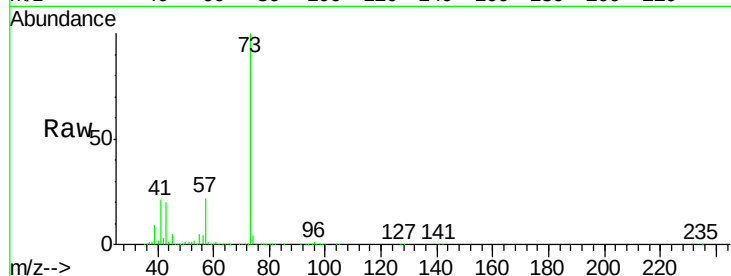
Methyl tert-butyl Ether
 Concen: 50.90 ug/l
 RT: 3.21 min Scan# 430
 Delta R.T. -0.00 min
 Lab File: VX001719.D
 Acq: 14 May 2018 19:36

Instrument :
 MSVOA_X
 ClientSampleID :
 ICVVX051518

Tot Ion	73	Resp	559501
Ion	Ratio	Lower	Upper
73	100		
57	22.3	17.5	26.3

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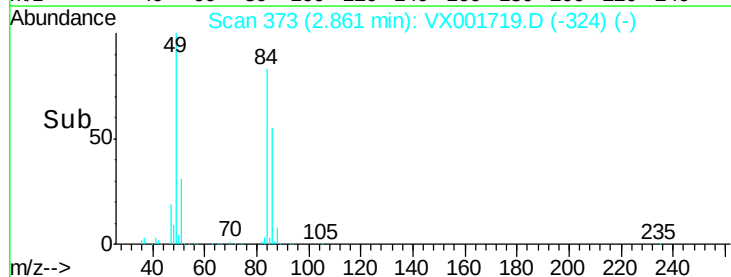
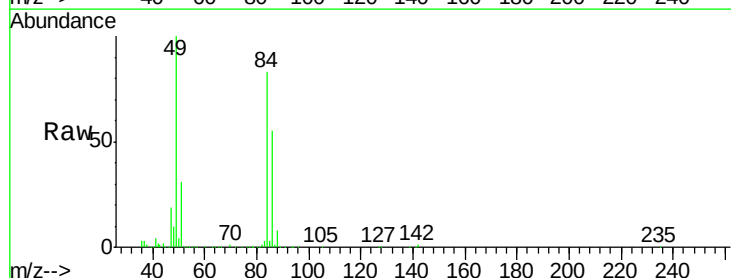
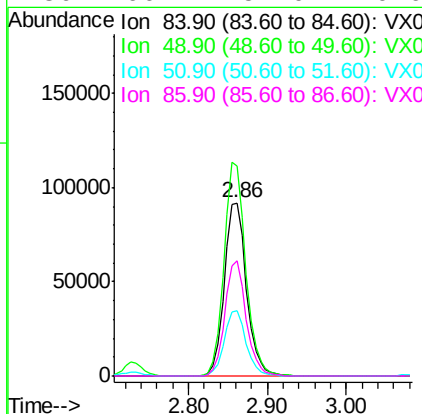
MMDadoda
 5/16/2018 11:54:08 AM

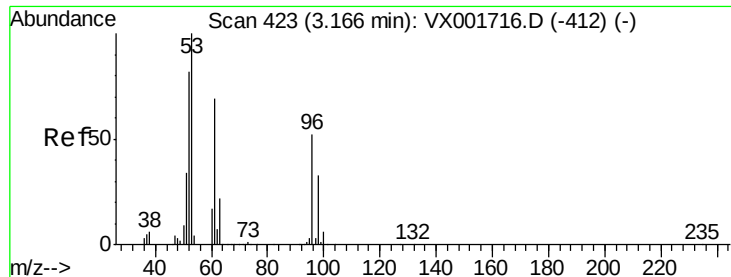


#20

Methylene Chloride
 Concen: 48.18 ug/l
 RT: 2.86 min Scan# 373
 Delta R.T. -0.00 min
 Lab File: VX001719.D
 Acq: 14 May 2018 19:36

Tgt Ion	84	Resp	179145
Ion	Ratio	Lower	Upper
84	100		
49	120.8	96.3	144.5
51	37.6	29.8	44.6
86	66.2	51.0	76.6





#21

trans-1,2-Dichloroethene

Concen: 49.02 ug/l

RT: 3.17 min Scan# 423

Delta R.T. 0.00 min

Lab File: VX001719.D

Acq: 14 May 2018 19:36

Instrument :

MSVOA_X

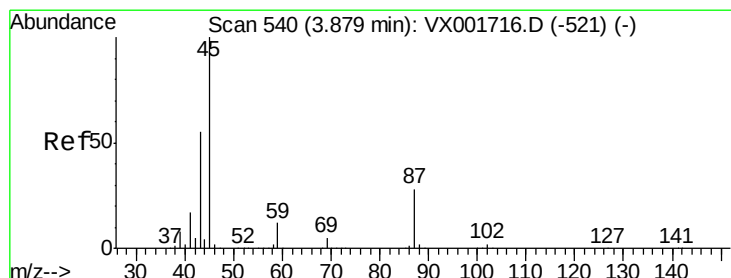
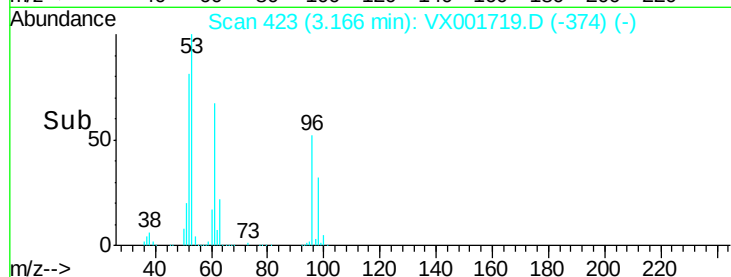
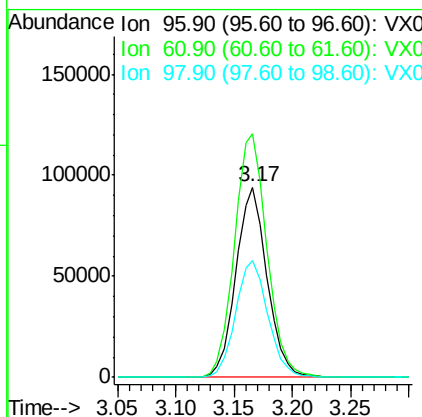
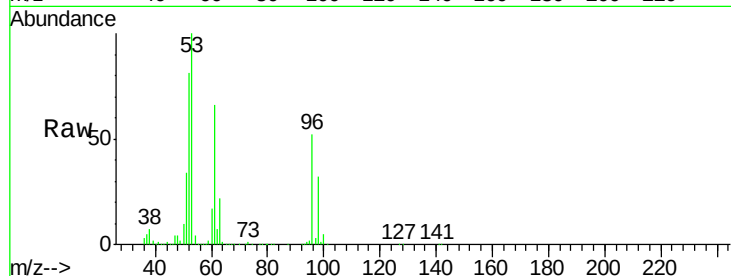
ClientSampleId :

ICVVX051518

Tot Ion:	96	Resp:	176107
Ion	Ratio	Lower	Upper
96	100		
61	127.9	105.8	158.8
98	61.6	50.2	75.4

Manual Integrations
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#22

Diisopropyl ether

Concen: 50.74 ug/l

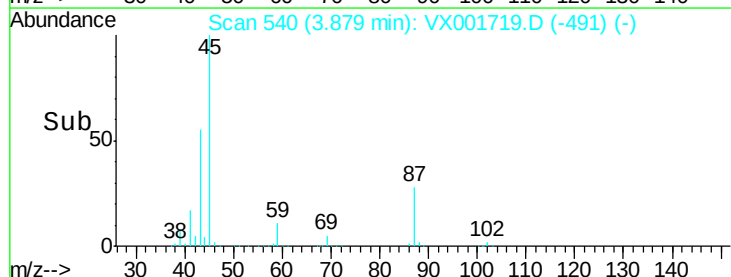
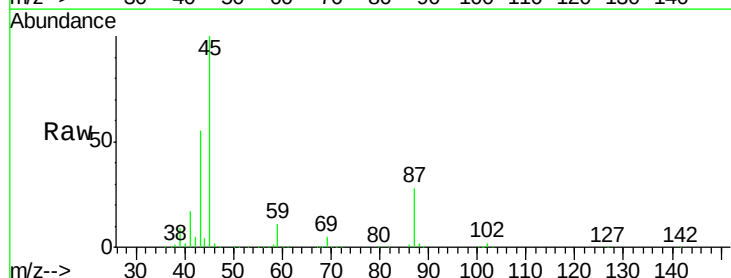
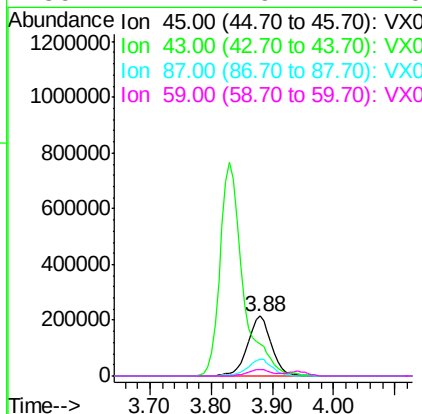
RT: 3.88 min Scan# 540

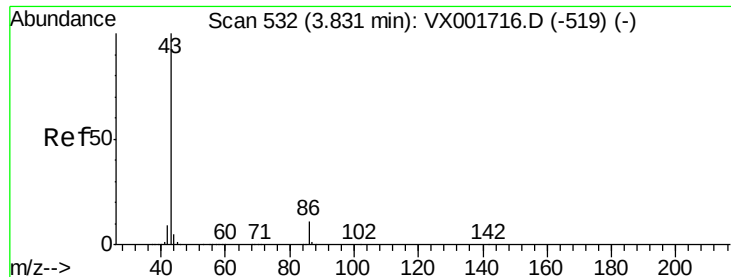
Delta R.T. 0.00 min

Lab File: VX001719.D

Acq: 14 May 2018 19:36

Tgt Ion:	45	Resp:	586764
Ion	Ratio	Lower	Upper
45	100		
43	54.5	44.3	66.5
87	27.7	22.6	33.8
59	11.2	9.4	14.0





#23

Vinyl Acetate

Concen: 242.34 ug/l

RT: 3.83 min Scan# 532

Delta R.T. 0.00 min

Lab File: VX001719.D

Acq: 14 May 2018 19:36

Tot Ion: 43 Resp: 2019171

Ion Ratio Lower Upper

43 100

86 11.1 8.7 13.1

Instrument :

MSVOA_X

ClientSampleId :

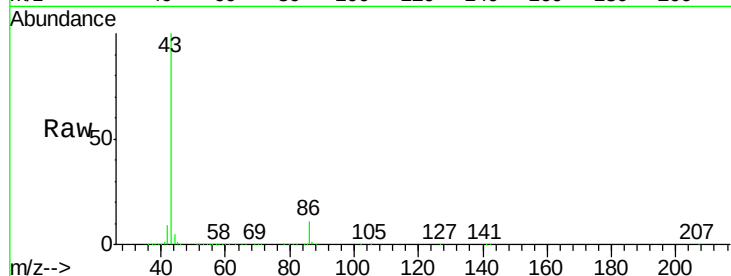
ICVVX051518

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

3.83

800000

600000

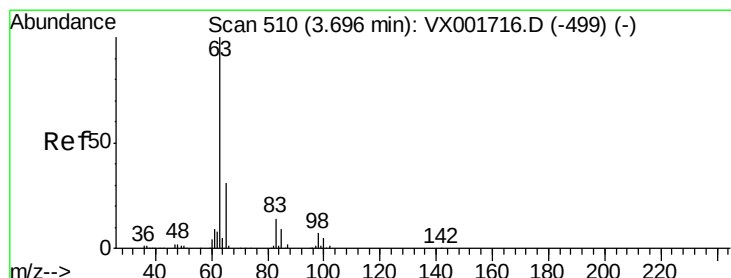
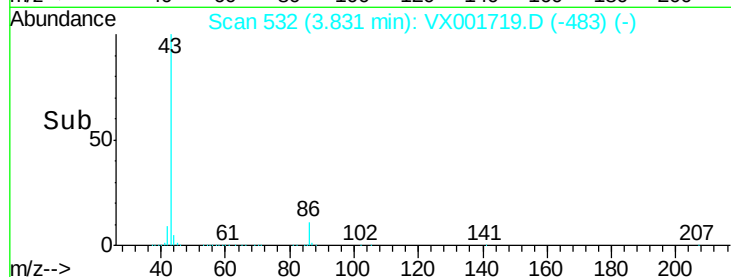
400000

200000

0

Time-->

3.70 3.80 3.90 4.00 4.10



#24

1,1-Dichloroethane

Concen: 49.21 ug/l

RT: 3.70 min Scan# 510

Delta R.T. -0.00 min

Lab File: VX001719.D

Acq: 14 May 2018 19:36

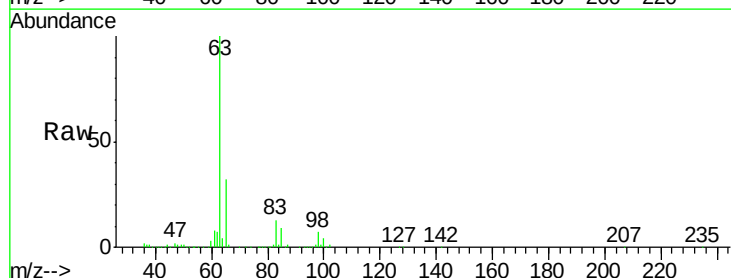
Tgt Ion: 63 Resp: 312116

Ion Ratio Lower Upper

63 100

98 6.8 3.7 11.1

100 4.5 2.4 7.2



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0

3.70

150000

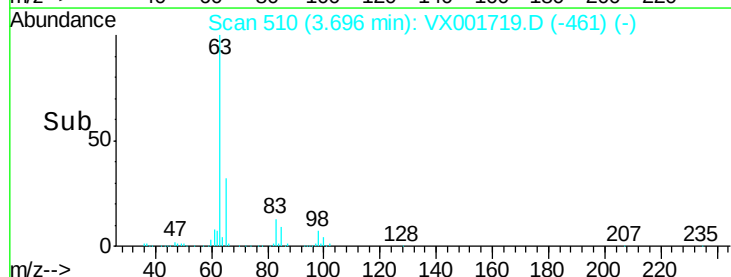
100000

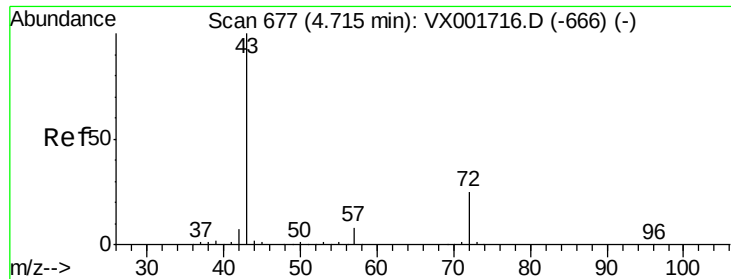
50000

0

Time-->

3.60 3.70 3.80





#25

2-Butanone

Concen: 260.81 ug/l

RT: 4.72 min Scan# 678

Delta R.T. 0.01 min

Lab File: VX001719.D

Acq: 14 May 2018 19:36

Instrument :

MSVOA_X

ClientSampleId :

ICVVX051518

Tot Ion: 43 Resp: 693620

Ion Ratio Lower Upper

43 100

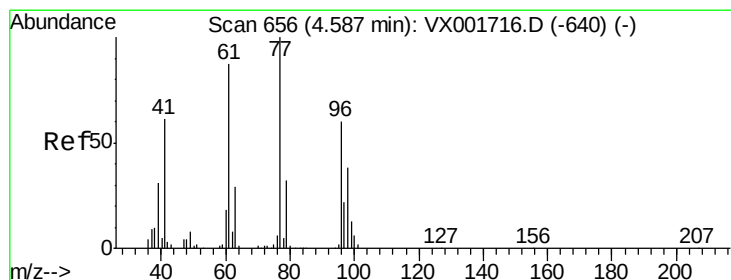
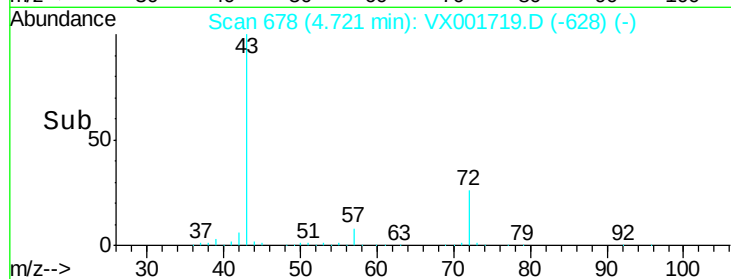
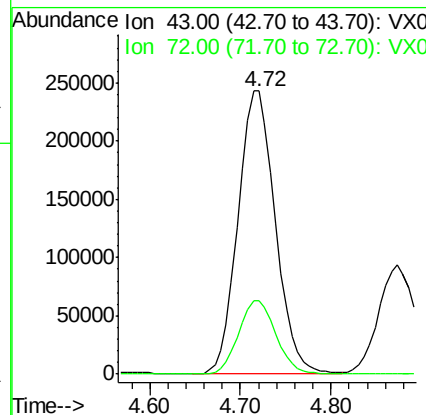
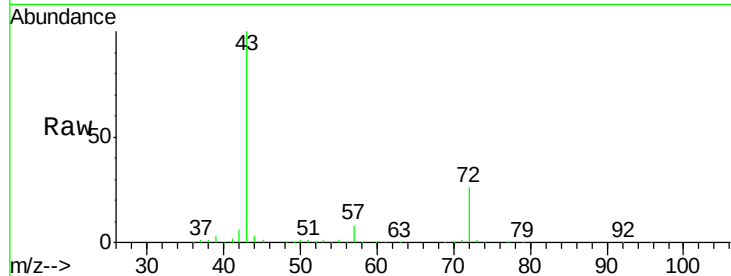
72 26.1 19.8 29.6

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 48.32 ug/l

RT: 4.59 min Scan# 656

Delta R.T. -0.00 min

Lab File: VX001719.D

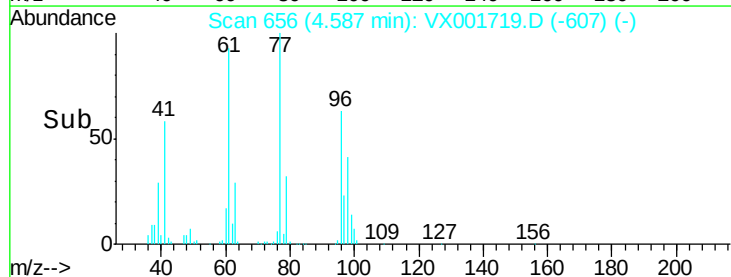
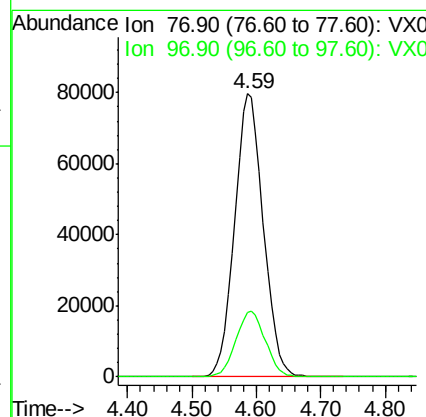
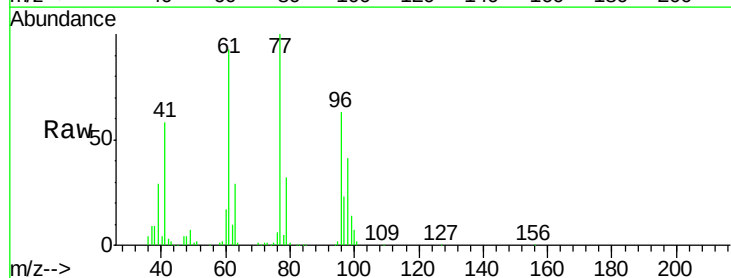
Acq: 14 May 2018 19:36

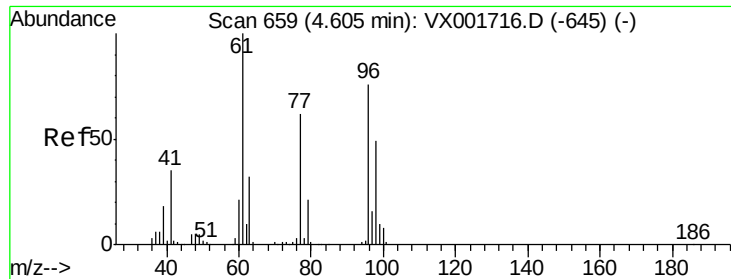
Tgt Ion: 77 Resp: 246705

Ion Ratio Lower Upper

77 100

97 23.8 11.6 34.8





#27

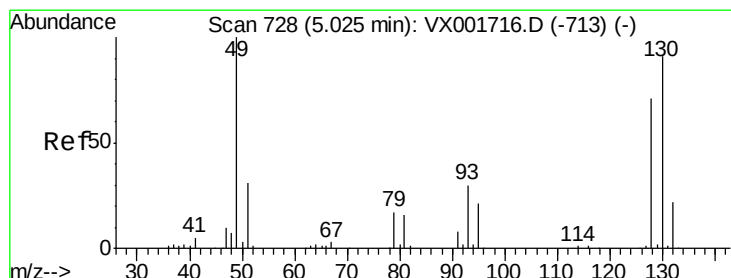
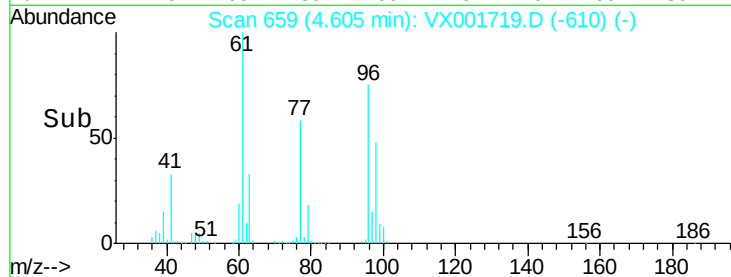
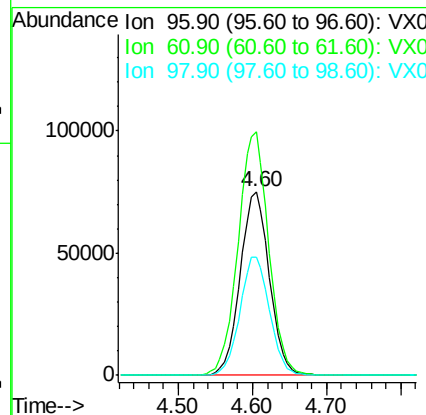
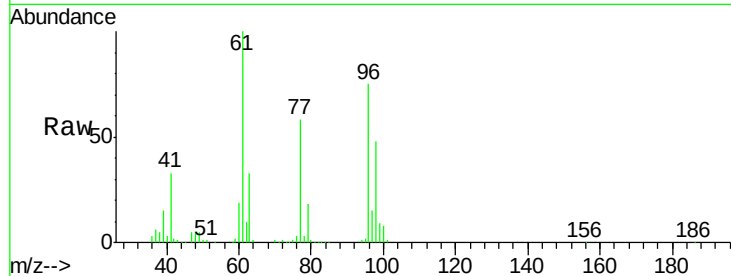
cis-1,2-Dichloroethene
Concen: 50.48 ug/l
RT: 4.60 min Scan# 659
Delta R.T. 0.00 min
Lab File: VX001719.D
Acq: 14 May 2018 19:36

Instrument :
MSVOA_X
ClientSampleId :
ICVVX051518

Tot Ion	Ratio	Resp	Lower	Upper
96	100	206363		
61	139.3	0.0	280.4	
98	65.7	0.0	128.4	

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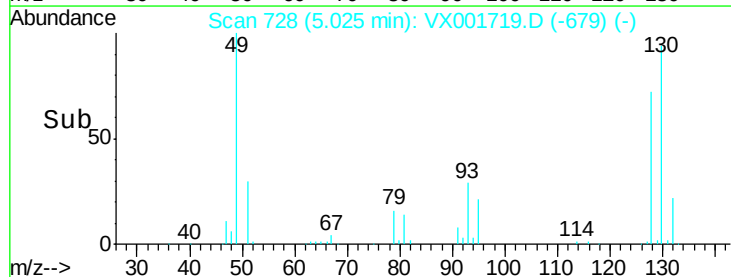
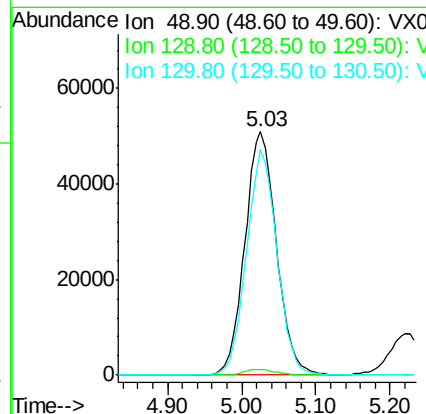
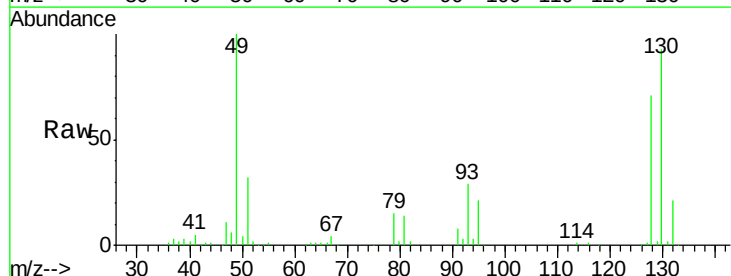
MMDadoda
5/16/2018 11:54:08 AM

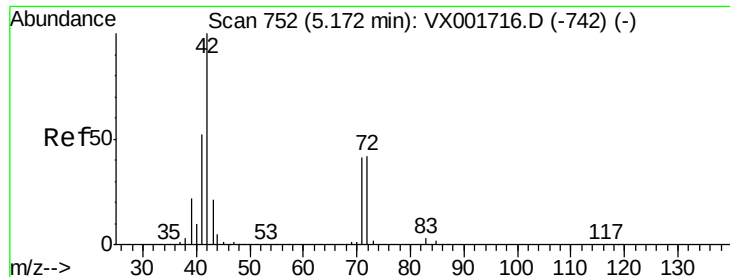


#28

Bromochloromethane
Concen: 53.77 ug/l
RT: 5.03 min Scan# 728
Delta R.T. -0.00 min
Lab File: VX001719.D
Acq: 14 May 2018 19:36

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	151479		
129	2.4	0.0	5.0	
130	89.6	71.8	107.6	





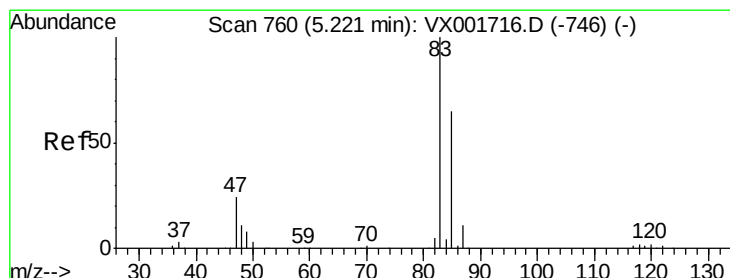
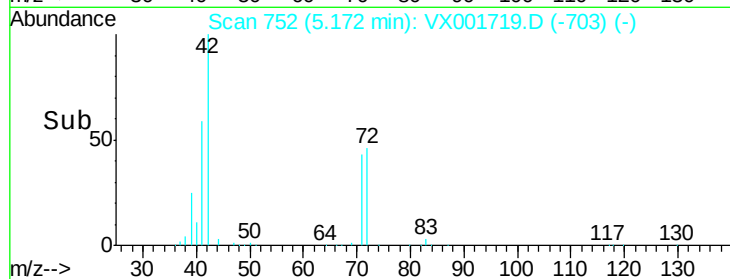
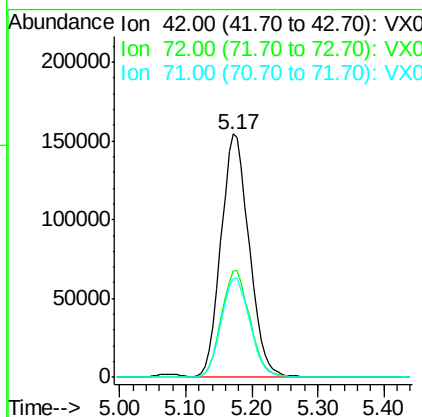
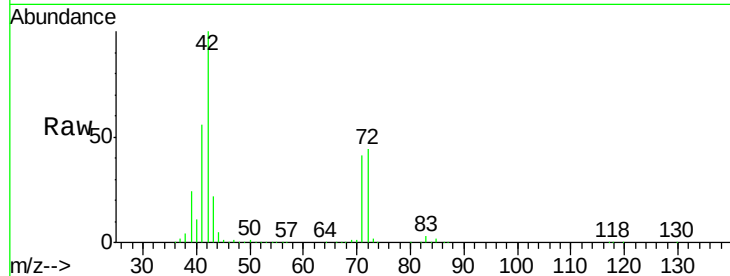
#29
Tetrahydrofuran
Concen: 261.83 ug/l
RT: 5.17 min Scan# 752
Delta R.T. -0.00 min
Lab File: VX001719.D
Acq: 14 May 2018 19:36

Instrument :
MSVOA_X
ClientSampleId :
ICVVX051518

Tot Ion	Ratio	Lower	Upper
42	100		
72	44.8	35.4	53.2
71	41.7	33.2	49.8

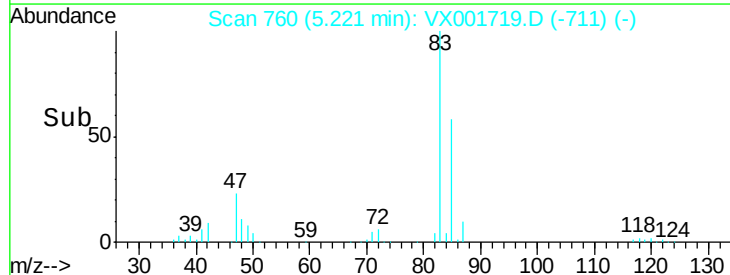
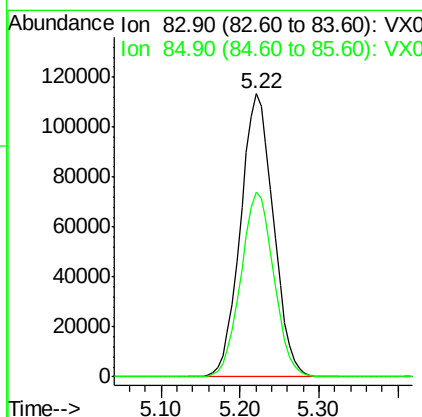
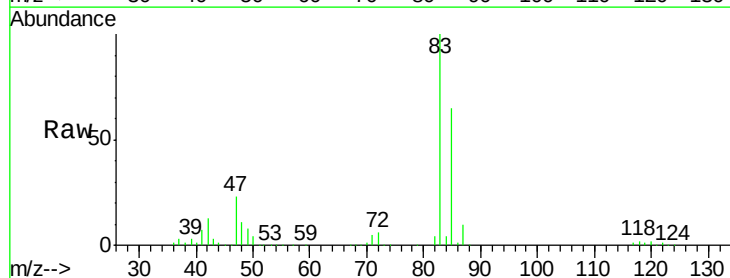
Manual Integrations
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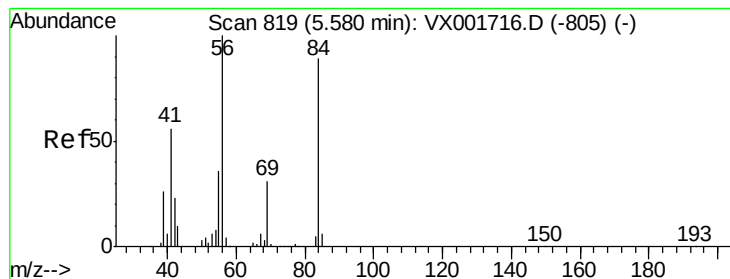
MMDadoda
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#30
Chloroform
Concen: 49.50 ug/l
RT: 5.22 min Scan# 760
Delta R.T. -0.00 min
Lab File: VX001719.D
Acq: 14 May 2018 19:36

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.2	52.3	78.5





#31

Cyclohexane

Concen: 51.36 ug/l

RT: 5.57 min Scan# 818

Delta R.T. -0.01 min

Lab File: VX001719.D

Acq: 14 May 2018 19:36

Instrument :

MSVOA_X

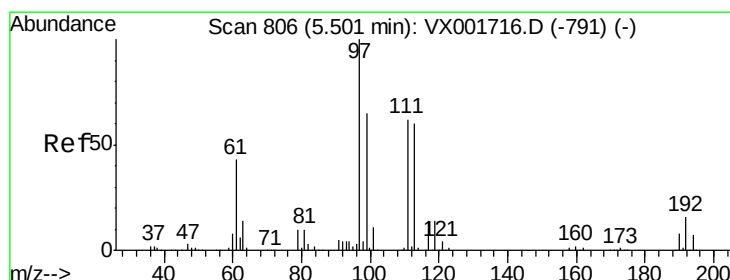
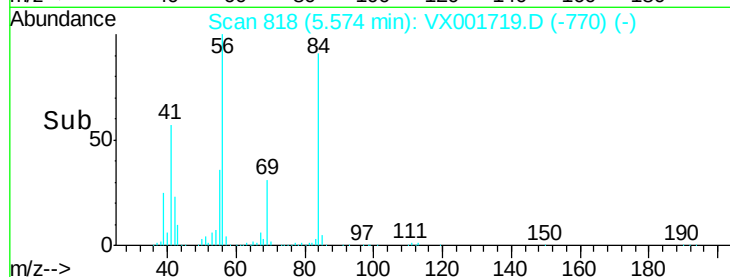
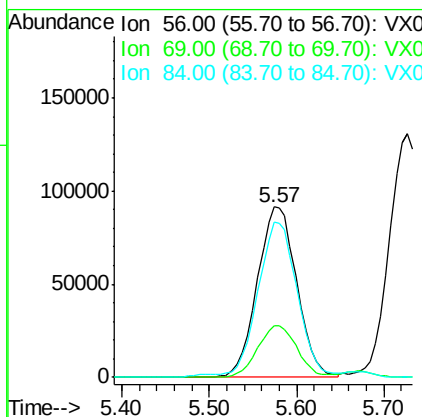
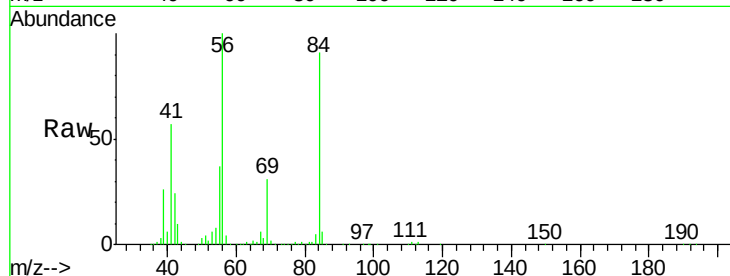
ClientSampleId :

ICVVX051518

Tot Ion:	56	Resp:	285542
Ion	Ratio	Lower	Upper
56	100		
69	30.5	25.0	37.6
84	90.0	71.0	106.4

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#32

1,1,1-Trichloroethane

Concen: 51.05 ug/l

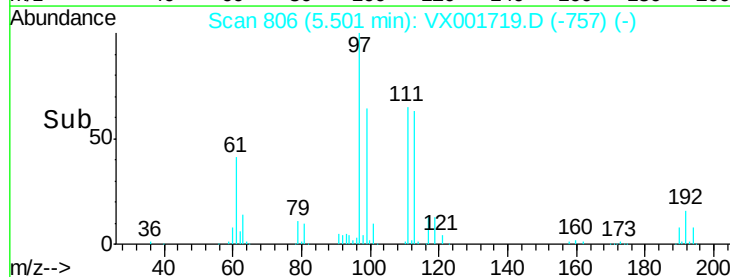
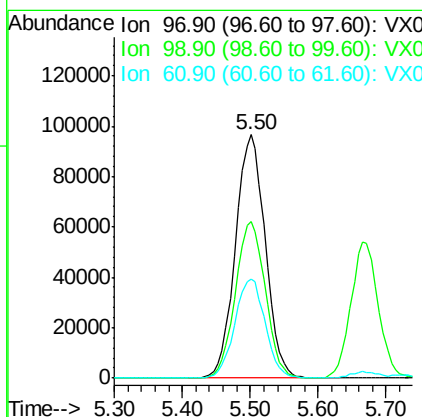
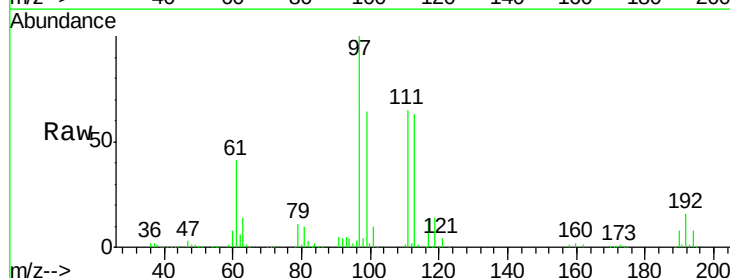
RT: 5.50 min Scan# 806

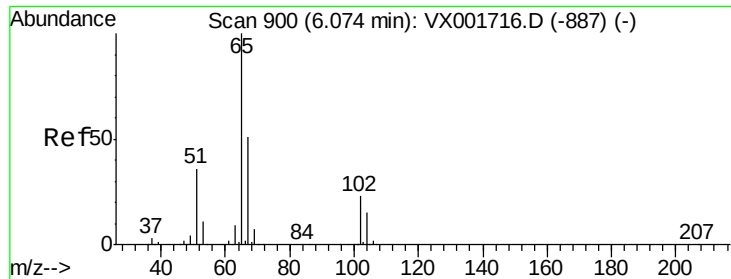
Delta R.T. -0.00 min

Lab File: VX001719.D

Acq: 14 May 2018 19:36

Tgt Ion:	97	Resp:	293880
Ion	Ratio	Lower	Upper
97	100		
99	64.6	51.3	76.9
61	41.6	34.0	51.0





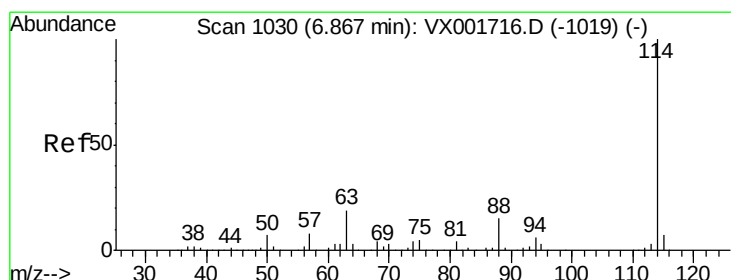
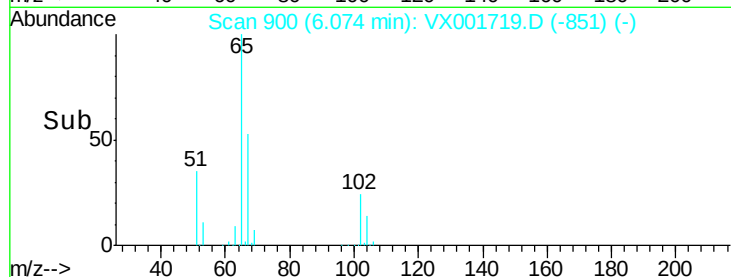
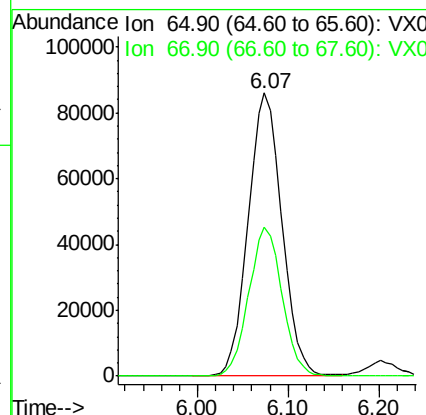
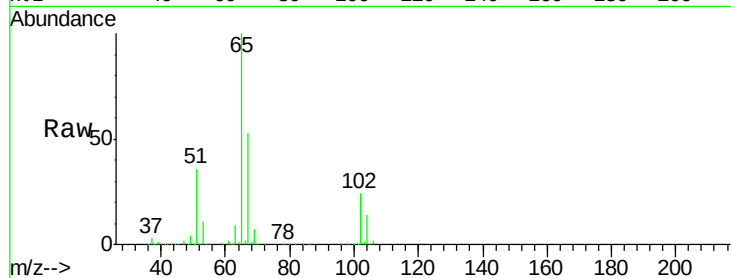
#33
 1,2-Dichloroethane-d4
 Concen: 50.11 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. -0.00 min
 Lab File: VX001719.D
 Acq: 14 May 2018 19:36

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX051518

Tot Ion	Ratio	Resp	Lower	Upper
65	100	221604		
67	52.0	0.0	102.8	

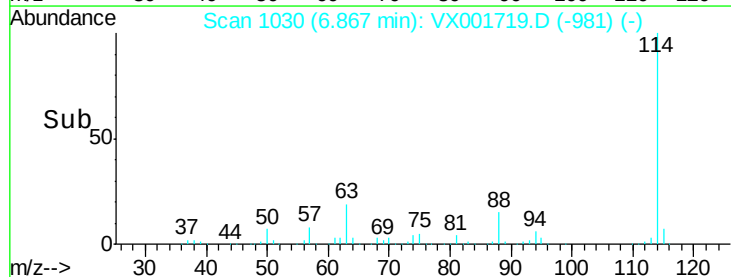
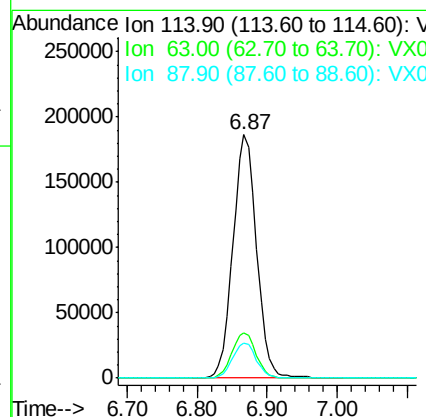
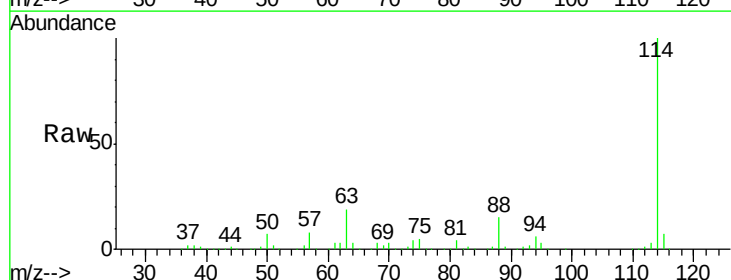
Manual Integrations
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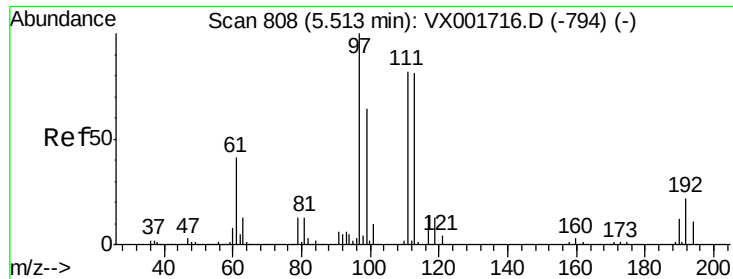
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#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. -0.00 min
 Lab File: VX001719.D
 Acq: 14 May 2018 19:36

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	438645		
63	18.7	0.0	37.0	
88	14.6	0.0	29.8	





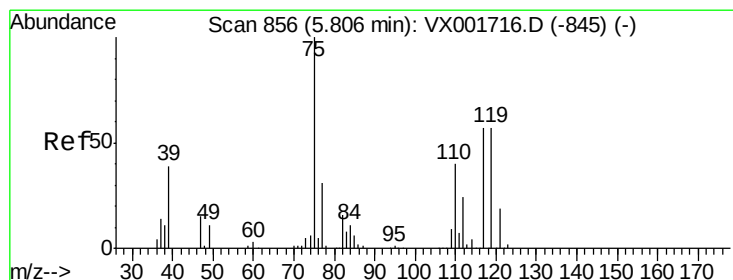
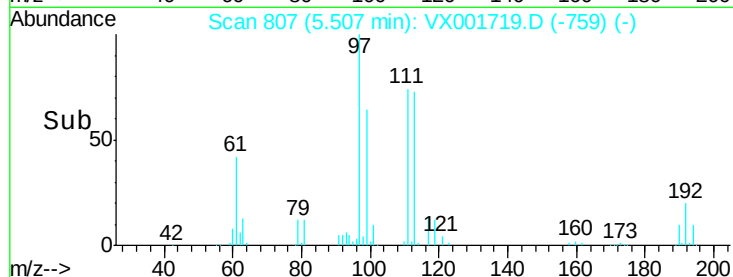
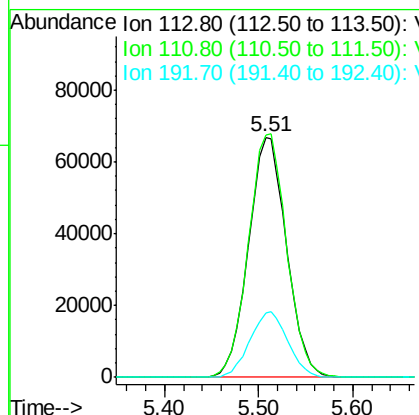
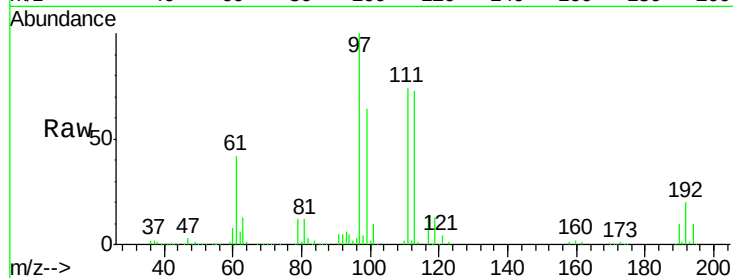
#35
 Dibromofluoromethane
 Concen: 51.04 ug/l
 RT: 5.51 min Scan# 807
 Delta R.T. -0.01 min
 Lab File: VX001719.D
 Acq: 14 May 2018 19:36

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX051518

Tot Ion	Ratio	Resp	Lower	Upper
113	100	188930		
111	102.3	82.0	123.0	
192	27.4	21.6	32.4	

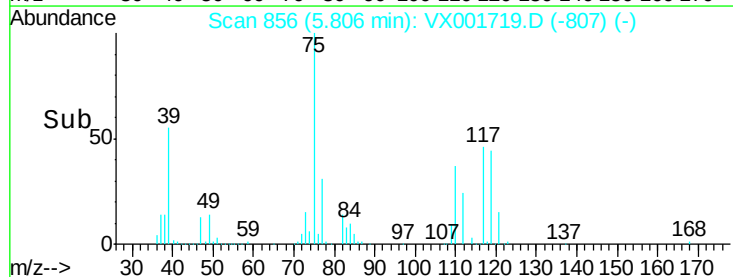
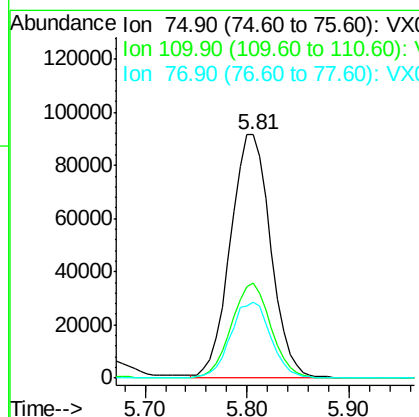
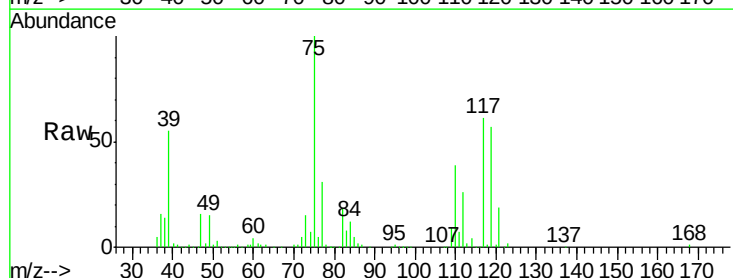
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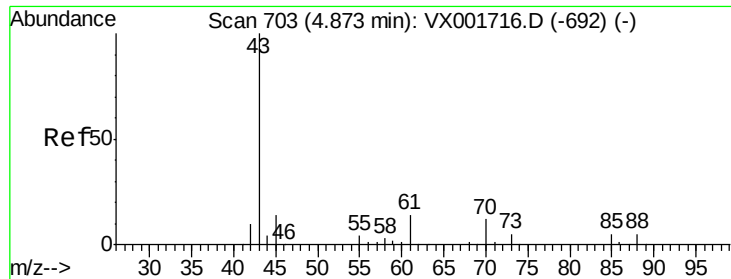
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 5/16/2018 11:54:08 AM



#36
 1,1-Dichloropropene
 Concen: 49.41 ug/l
 RT: 5.81 min Scan# 856
 Delta R.T. 0.00 min
 Lab File: VX001719.D
 Acq: 14 May 2018 19:36

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	249498		
110	38.5	19.1	57.1	
77	31.6	24.6	37.0	





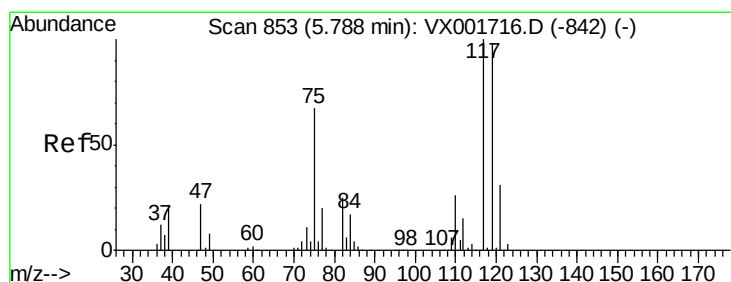
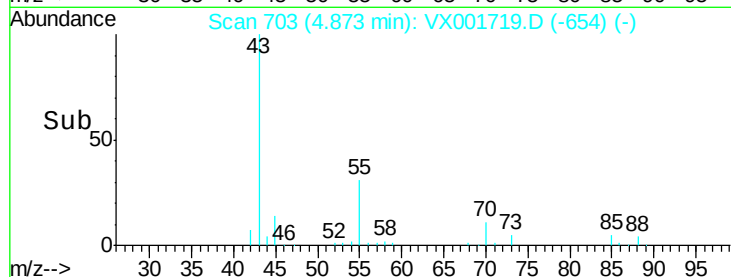
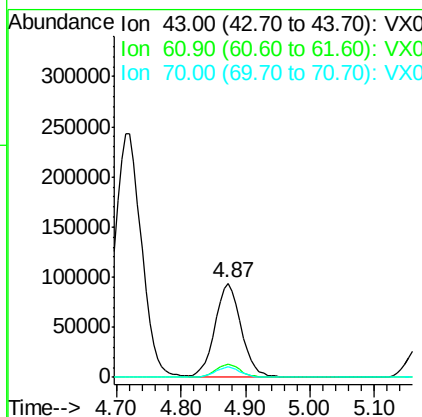
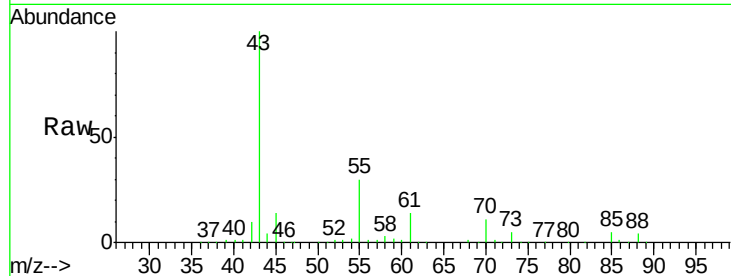
#37
Ethyl Acetate
Concen: 51.27 ug/l
RT: 4.87 min Scan# 703
Delta R.T. -0.00 min
Lab File: VX001719.D
Acq: 14 May 2018 19:36

Instrument :
MSVOA_X
ClientSampleId :
ICVVX051518

Tot Ion	43	Resp	269781
Ion	Ratio	Lower	Upper
43	100		
61	13.6	10.9	16.3
70	10.9	8.8	13.2

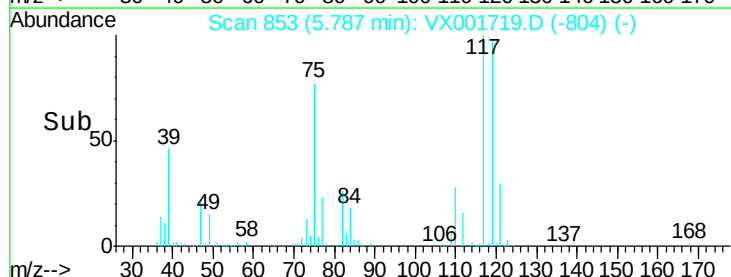
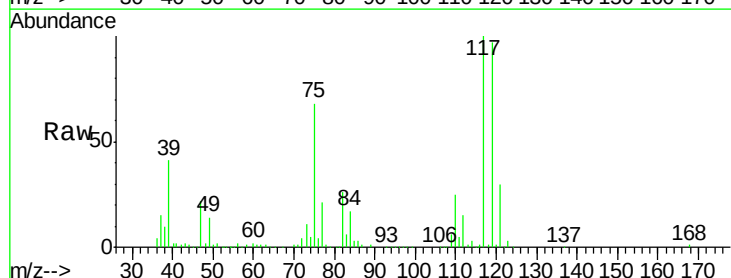
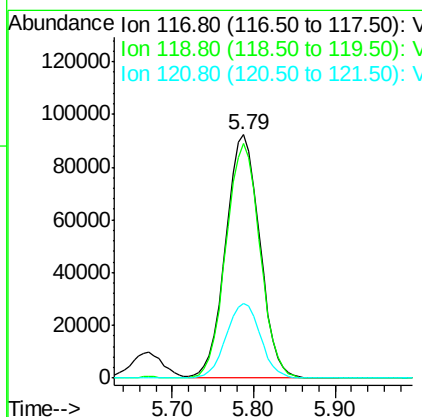
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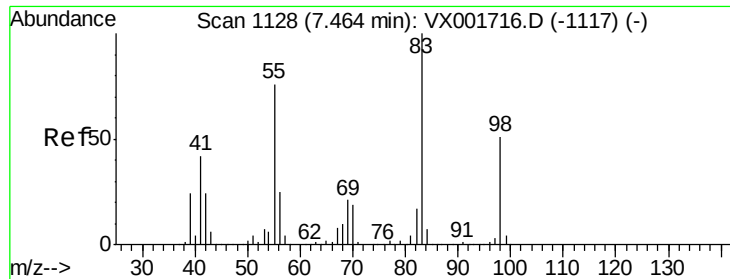
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#38
Carbon Tetrachloride
Concen: 50.46 ug/l
RT: 5.79 min Scan# 853
Delta R.T. -0.00 min
Lab File: VX001719.D
Acq: 14 May 2018 19:36

Tgt Ion	117	Resp	266924
Ion	Ratio	Lower	Upper
117	100		
119	96.5	77.6	116.4
121	30.4	24.6	36.8





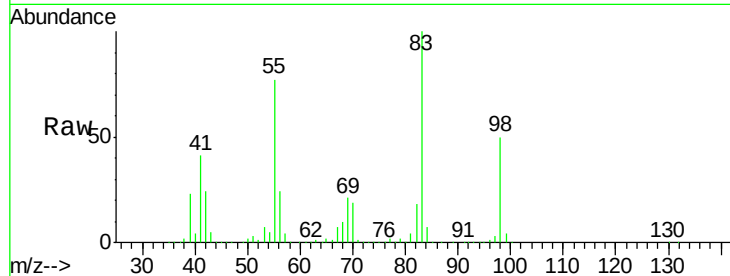
#39
Methvlcvclohexane
Concen: 50.53 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. -0.00 min
Lab File: VX001719.D
Acq: 14 May 2018 19:36

Instrument :
MSVOA_X
ClientSampleId :
ICVVX051518

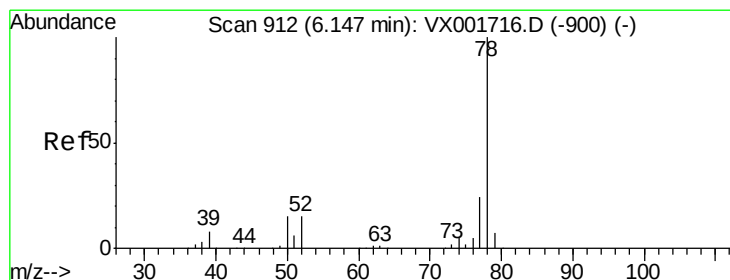
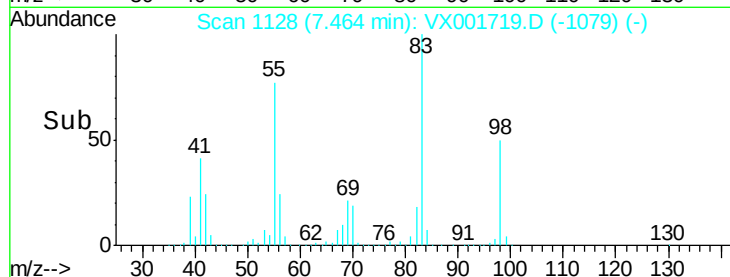
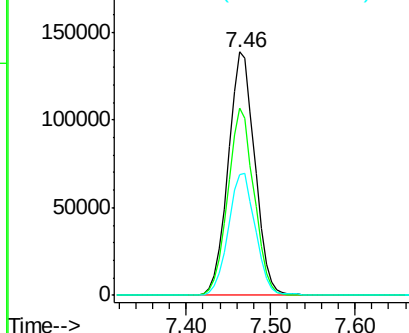
Tot Ion	Ratio	Resp	Lower	Upper
83	100	298138		
55	76.9		60.6	90.8
98	49.6		40.4	60.6

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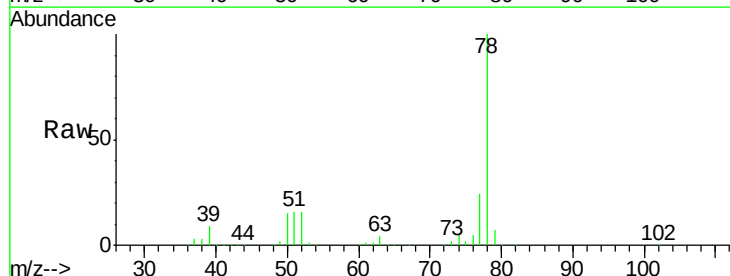


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

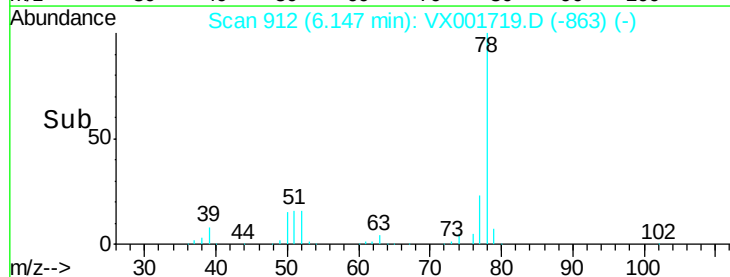
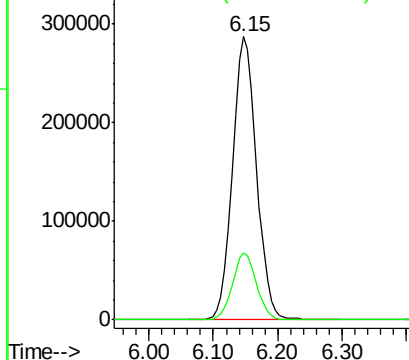


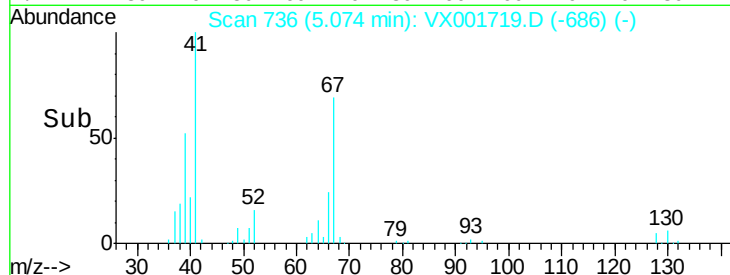
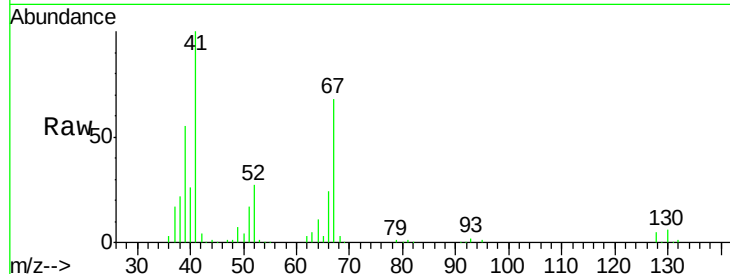
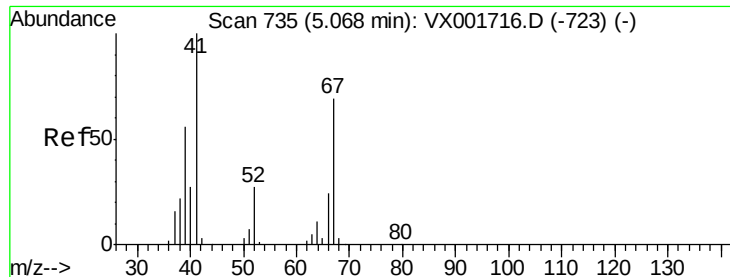
#40
Benzene
Concen: 50.27 ug/l
RT: 6.15 min Scan# 912
Delta R.T. -0.00 min
Lab File: VX001719.D
Acq: 14 May 2018 19:36

Tgt Ion	Ratio	Resp	Lower	Upper
78	100	747849		
77	23.6		19.0	28.4



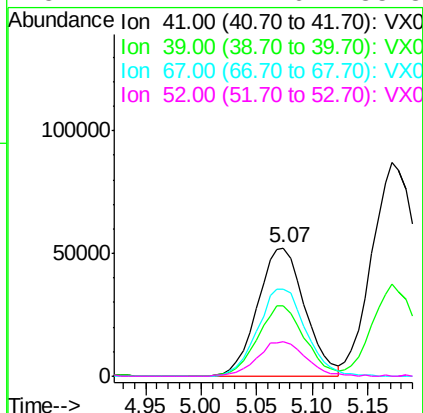
Abundance Ion 78.00 (77.70 to 78.70): VX0
Ion 77.00 (76.70 to 77.70): VX0





#41
Methacrylonitrile
Concen: 50.69 ug/l
RT: 5.07 min Scan# 736
Delta R.T. 0.01 min
Lab File: VX001719.D
Acq: 14 May 2018 19:36

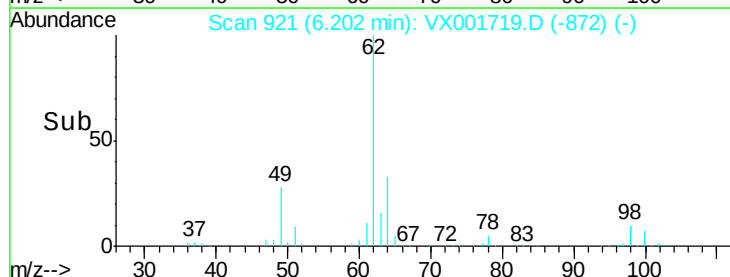
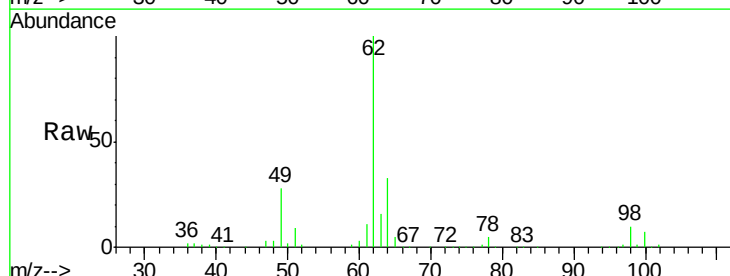
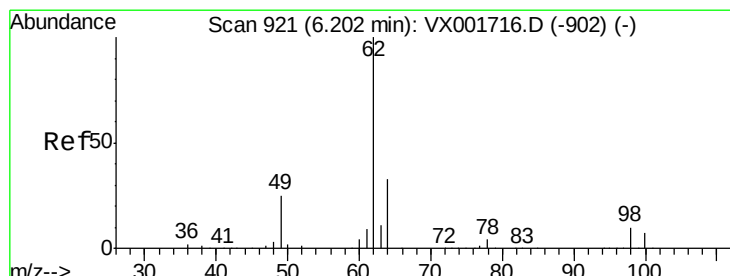
Tot Ion	Ratio	Lower	Upper
41	100		
39	54.5	44.2	66.4
67	69.6	56.0	84.0
52	27.4	22.6	33.8



Instrument :
MSVOA_X
ClientSampleId :
ICVVX051518

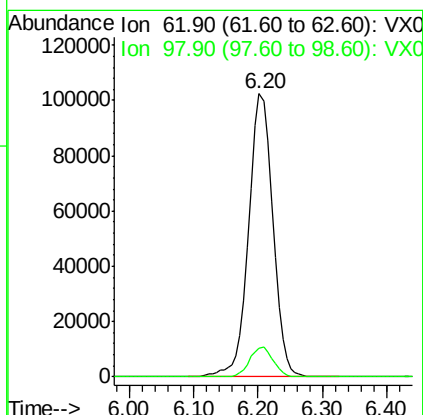
Manual Integrations
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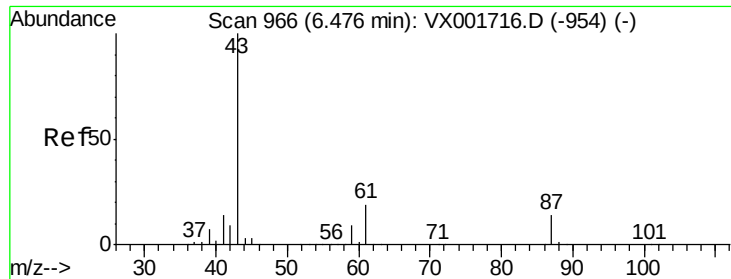
MMDadoda
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#42
1,2-Dichloroethane
Concen: 49.02 ug/l
RT: 6.20 min Scan# 921
Delta R.T. -0.00 min
Lab File: VX001719.D
Acq: 14 May 2018 19:36

Tgt Ion	Ratio	Lower	Upper
62	100		
98	10.2	0.0	20.0





#43

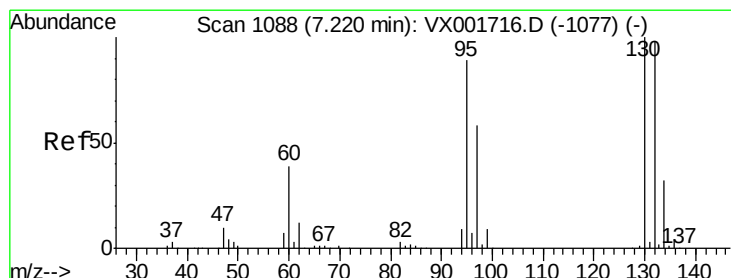
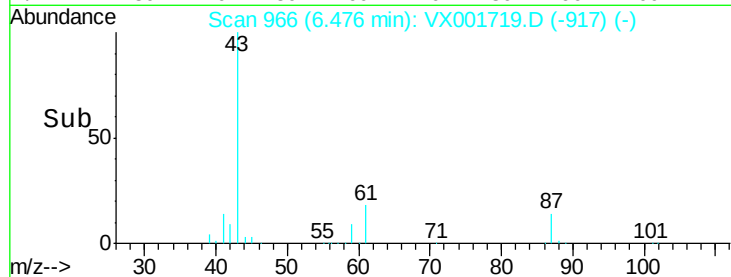
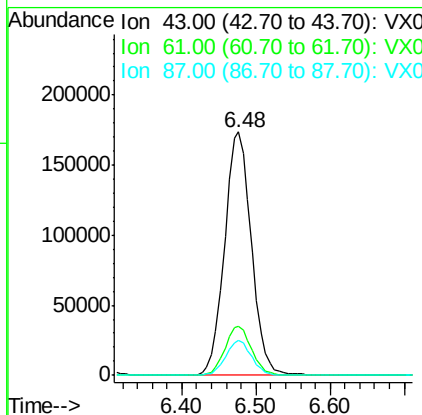
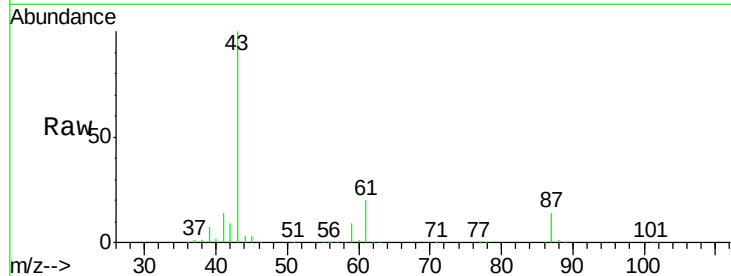
Isopropyl Acetate
 Concen: 52.74 ug/l
 RT: 6.48 min Scan# 966
 Delta R.T. -0.00 min
 Lab File: VX001719.D
 Acq: 14 May 2018 19:36

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX051518

Tot Ion	Ratio	Lower	Upper
43	100		
61	20.1	15.8	23.8
87	14.0	11.0	16.4

Manual Integrations
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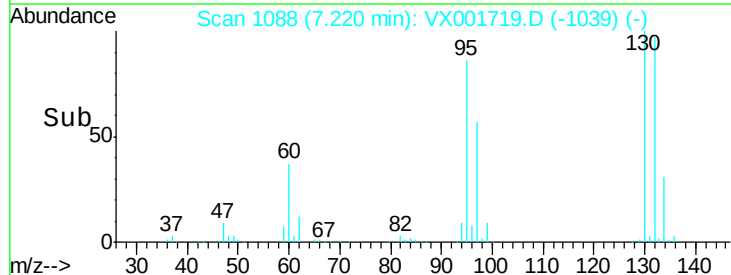
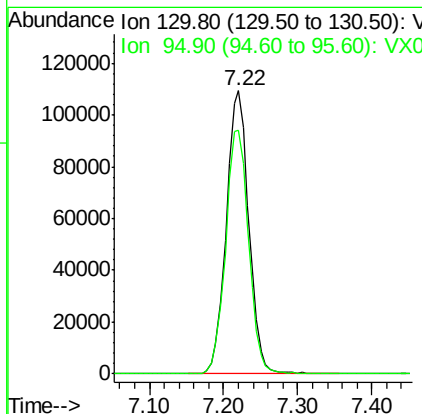
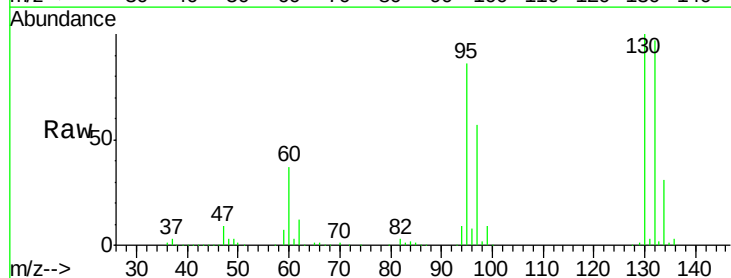
MMDadoda
 5/16/2018 11:54:08 AM

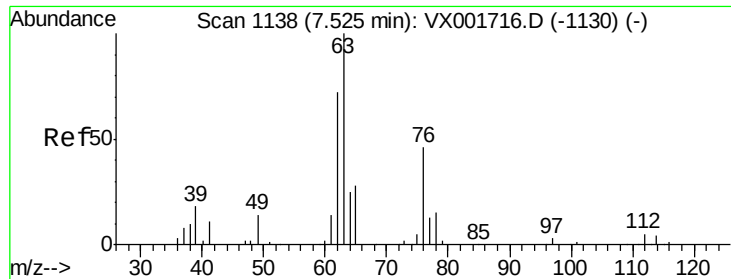


#44

Trichloroethene
 Concen: 50.19 ug/l
 RT: 7.22 min Scan# 1088
 Delta R.T. 0.00 min
 Lab File: VX001719.D
 Acq: 14 May 2018 19:36

Tgt Ion	Ratio	Lower	Upper
130	100		
95	86.1	0.0	177.2





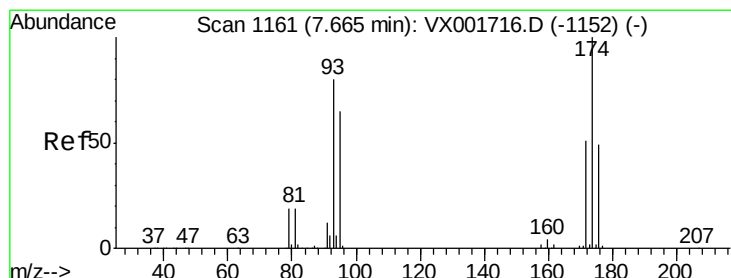
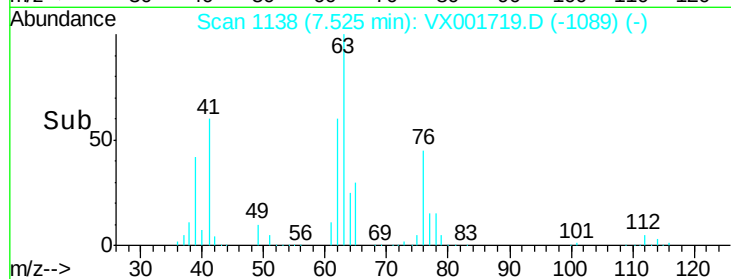
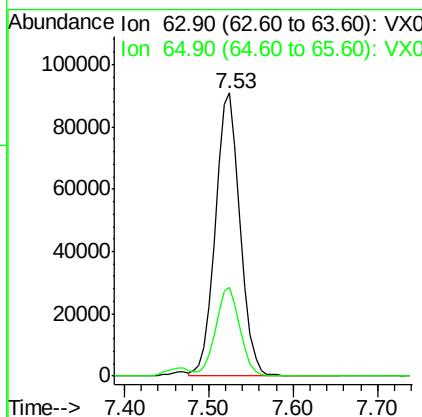
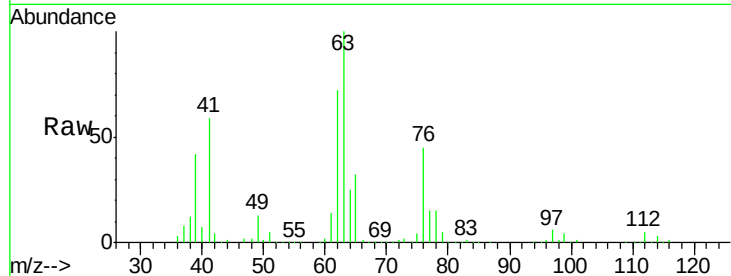
#45
 1,2-Dichloropropane
 Concen: 50.28 ug/l
 RT: 7.53 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VX001719.D
 Acq: 14 May 2018 19:36

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX051518

Tot Ion: 63 Resp: 183568
 Ion Ratio Lower Upper
 63 100
 65 31.5 24.2 36.2

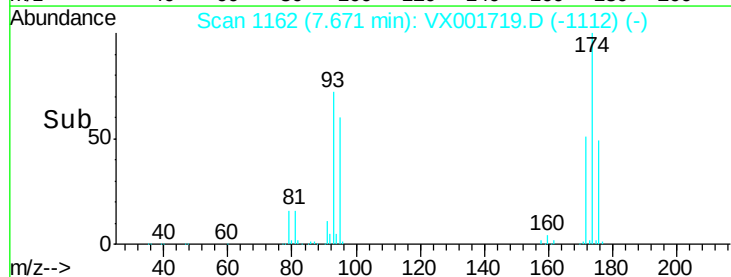
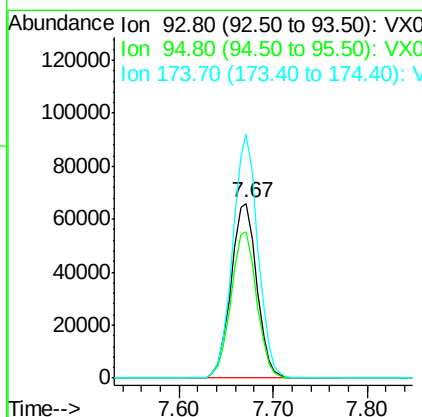
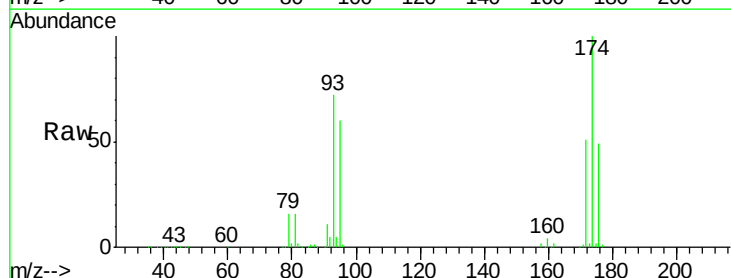
Manual Integrations
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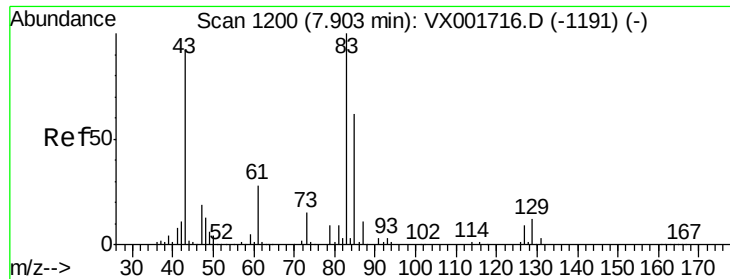
MMDadoda
 5/16/2018 11:54:08 AM



#46
 Dibromomethane
 Concen: 49.13 ug/l
 RT: 7.67 min Scan# 1162
 Delta R.T. 0.01 min
 Lab File: VX001719.D
 Acq: 14 May 2018 19:36

Tgt Ion: 93 Resp: 125949
 Ion Ratio Lower Upper
 93 100
 95 83.4 65.9 98.9
 174 135.0 106.2 159.2





#47

Bromodichloromethane

Concen: 52.01 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. -0.00 min

Lab File: VX001719.D

Acq: 14 May 2018 19:36

Instrument :

MSVOA_X

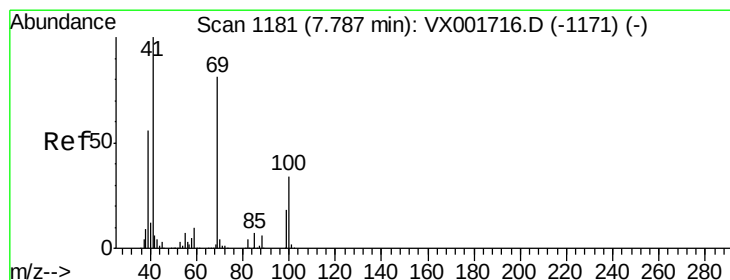
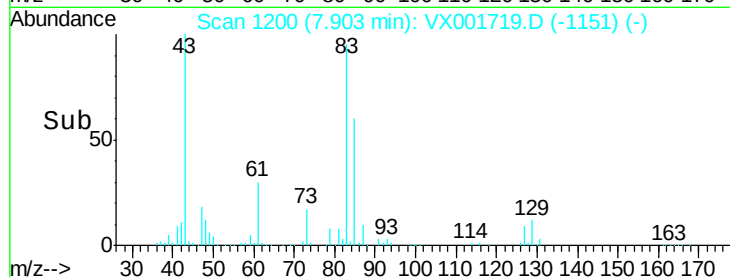
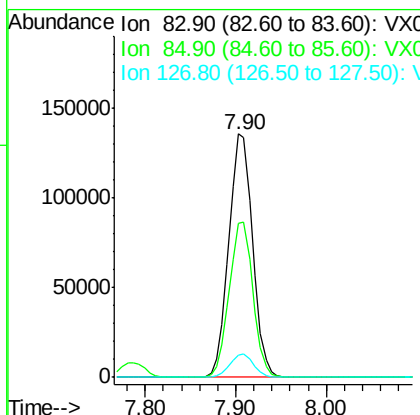
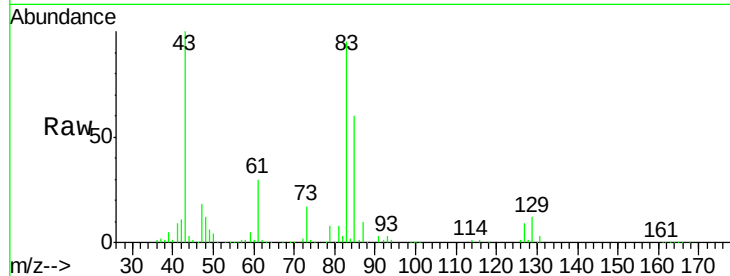
ClientSampleId :

ICVVX051518

Tot Ion:	83	Resp:	247392
Ion Ratio	Lower	Upper	
83	100		
85	63.3	49.6	74.4
127	9.3	7.5	11.3

Manual Integrations
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#48

Methyl methacrylate

Concen: 52.85 ug/l

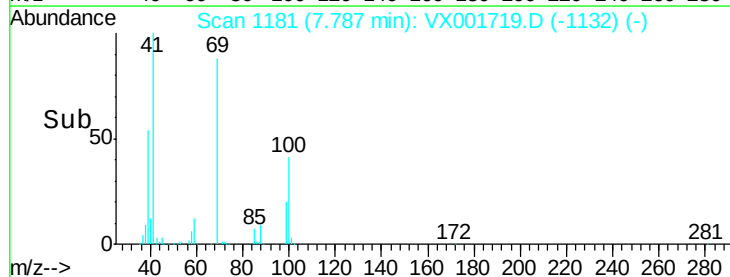
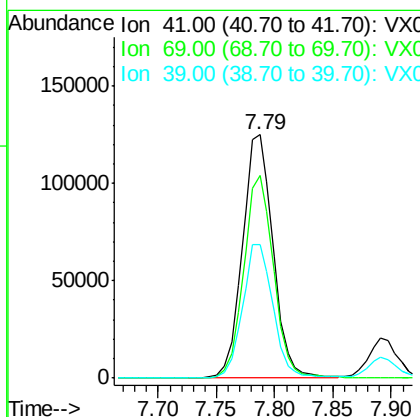
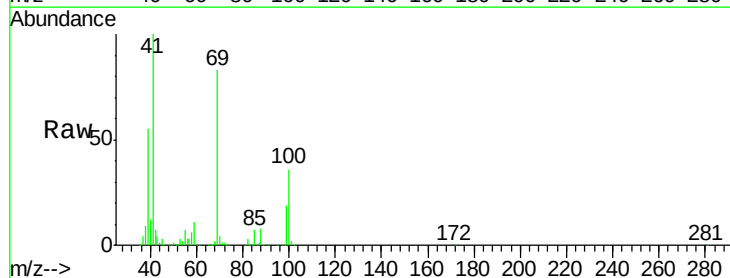
RT: 7.79 min Scan# 1181

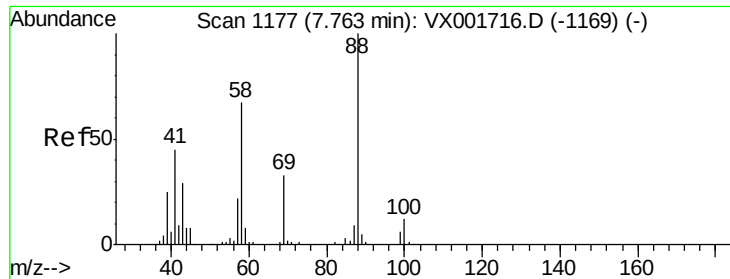
Delta R.T. -0.00 min

Lab File: VX001719.D

Acq: 14 May 2018 19:36

Tgt Ion:	41	Resp:	229108
Ion Ratio	Lower	Upper	
41	100		
69	81.8	65.2	97.8
39	54.6	44.5	66.7





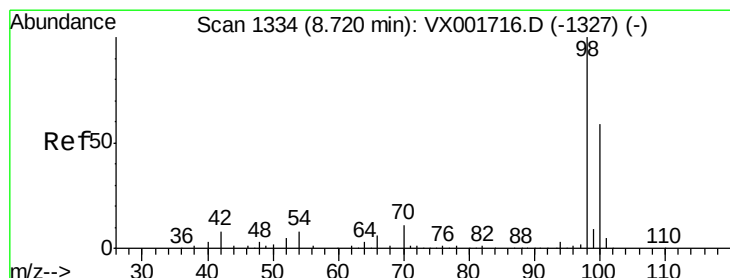
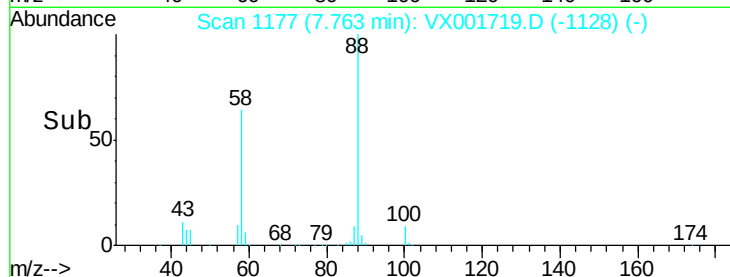
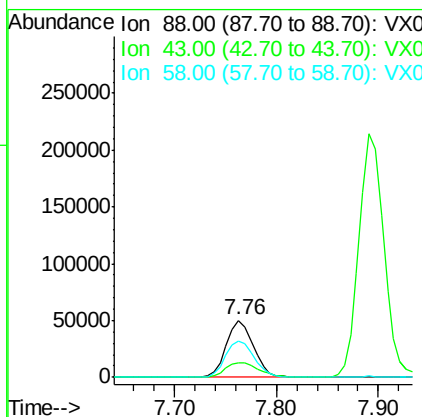
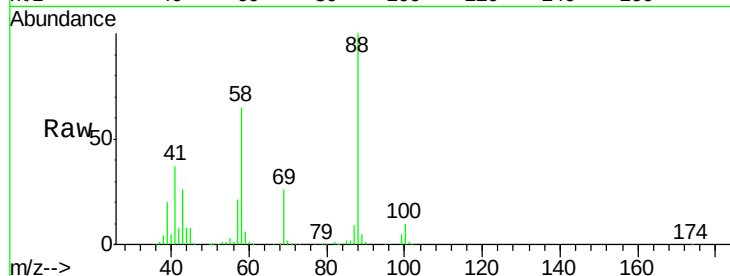
#49
1,4-Dioxane
Concen: 1111.97 ug/l
RT: 7.76 min Scan# 1177
Delta R.T. 0.00 min
Lab File: VX001719.D
Acq: 14 May 2018 19:36

Instrument :
MSVOA_X
ClientSampleId :
ICVVX051518

Tot Ion	Ratio	Lower	Upper
88	100		
43	31.6	27.3	40.9
58	68.4	55.9	83.9

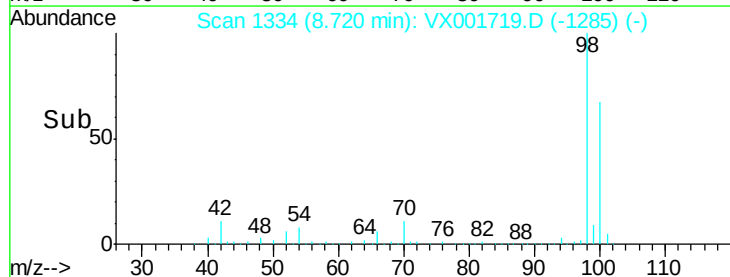
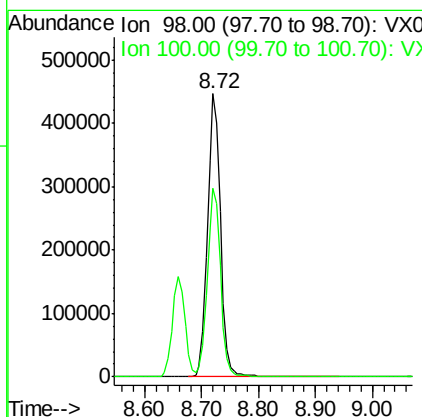
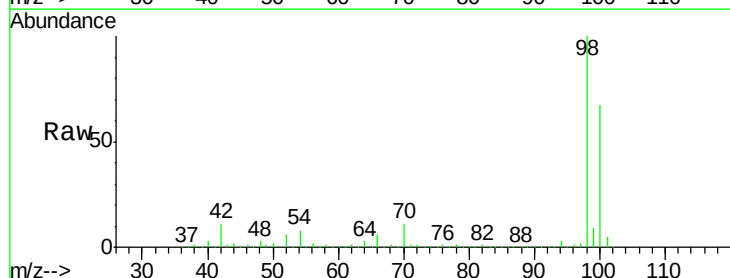
Manual Integrations
APPROVED

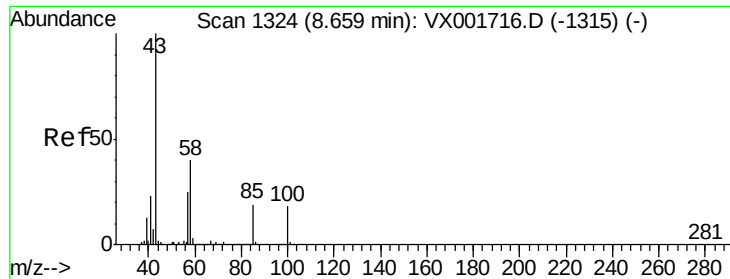
MMDadoda
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#50
Toluene-d8
Concen: 53.57 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. -0.00 min
Lab File: VX001719.D
Acq: 14 May 2018 19:36

Tgt Ion	Ratio	Lower	Upper
98	100		
100	67.7	54.0	81.0





#51

4-Methyl-2-Pentanone

Concen: 267.63 ug/l

RT: 8.66 min Scan# 1324

Delta R.T. 0.00 min

Lab File: VX001719.D

Acq: 14 May 2018 19:36

Instrument :

MSVOA_X

ClientSampleId :

ICVVX051518

Tot Ion: 43 Resp: 1396887

Ion Ratio Lower Upper

43 100

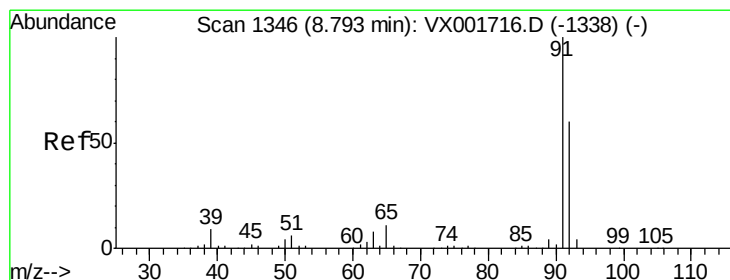
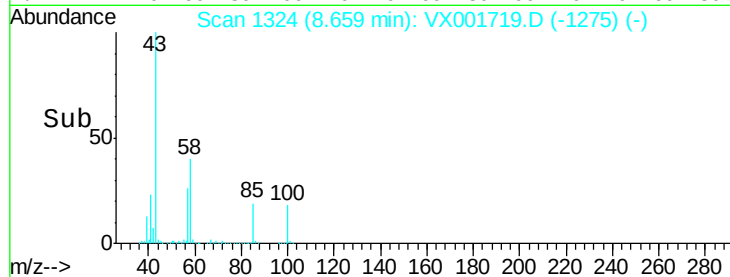
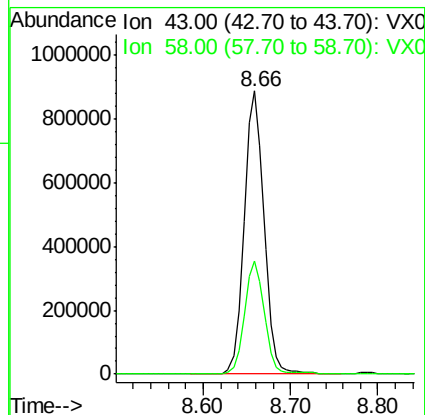
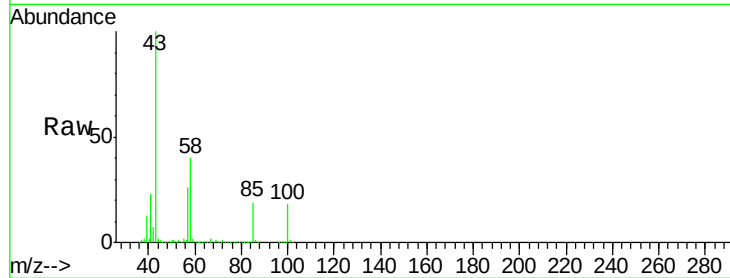
58 39.3 31.4 47.0

Manual Integrations

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#52

Toluene

Concen: 51.20 ug/l

RT: 8.79 min Scan# 1346

Delta R.T. -0.00 min

Lab File: VX001719.D

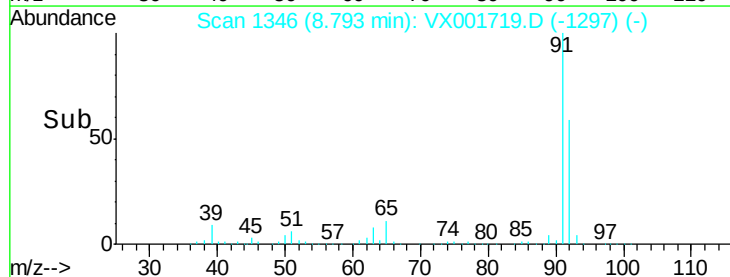
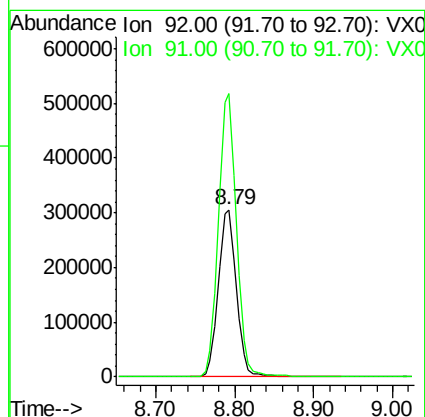
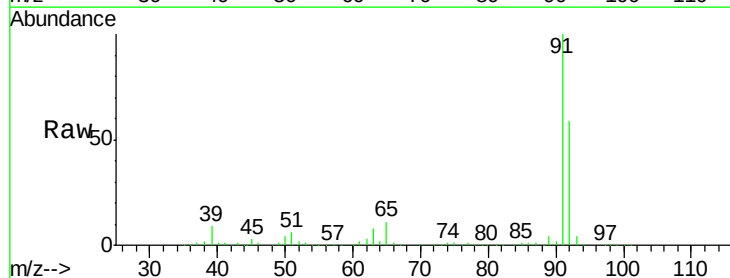
Acq: 14 May 2018 19:36

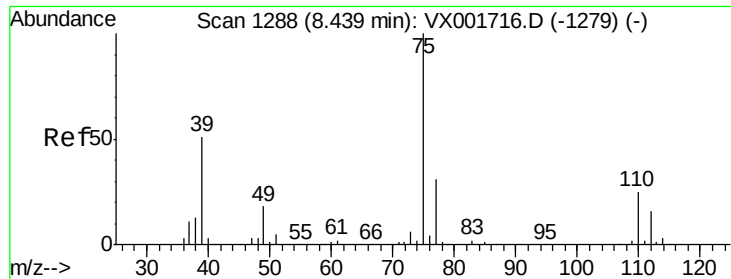
Tgt Ion: 92 Resp: 489460

Ion Ratio Lower Upper

92 100

91 168.9 135.5 203.3





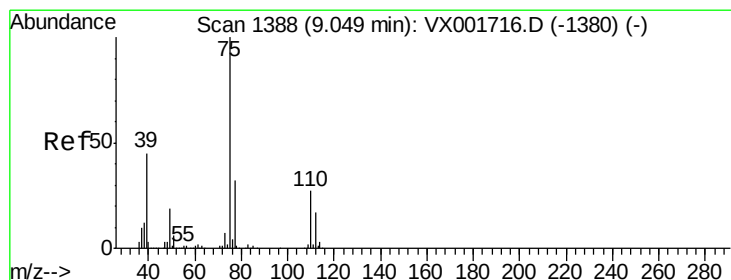
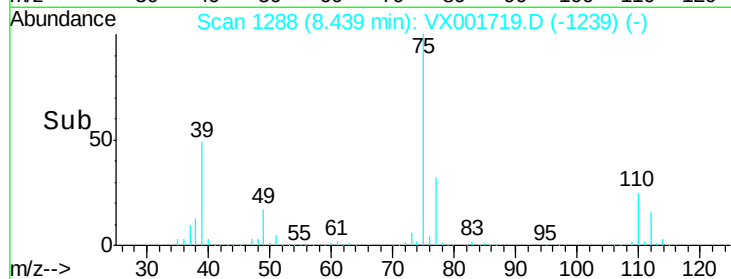
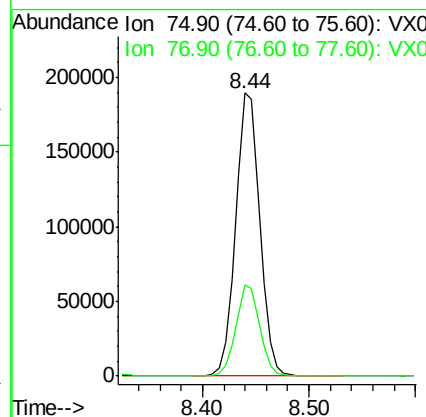
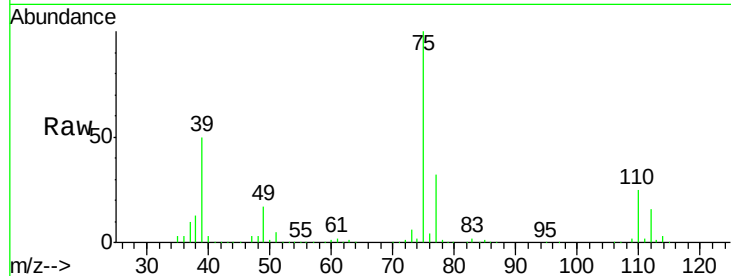
#53
t-1,3-Dichloropropene
Concen: 53.89 ug/l
RT: 8.44 min Scan# 1288
Delta R.T. -0.00 min
Lab File: VX001719.D
Acq: 14 May 2018 19:36

Instrument :
MSVOA_X
ClientSampleId :
ICVVX051518

Tot Ion	Ratio	Lower	Upper
75	100		
77	32.1	25.0	37.6

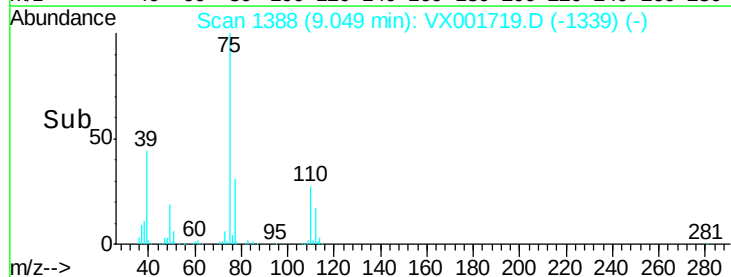
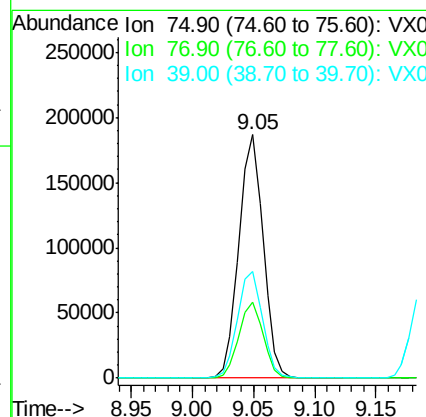
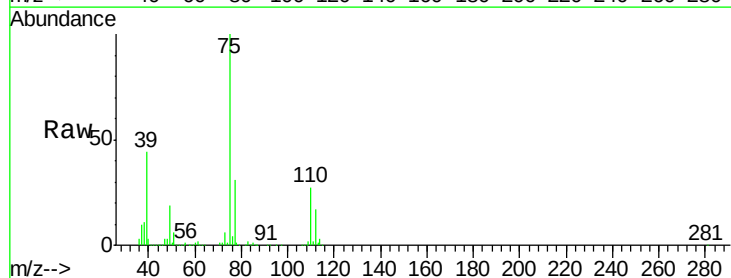
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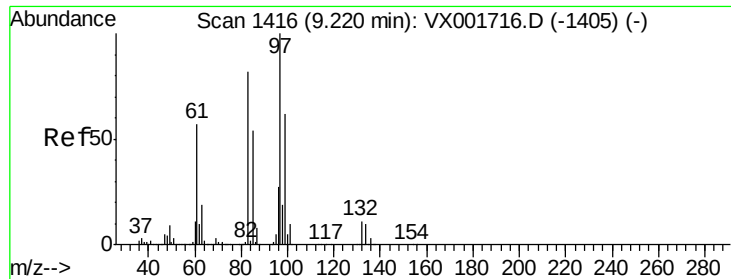
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#54
cis-1,3-Dichloropropene
Concen: 51.98 ug/l
RT: 9.05 min Scan# 1388
Delta R.T. -0.00 min
Lab File: VX001719.D
Acq: 14 May 2018 19:36

Tgt Ion	Ratio	Lower	Upper
75	100		
77	31.1	25.4	38.2
39	43.8	36.1	54.1





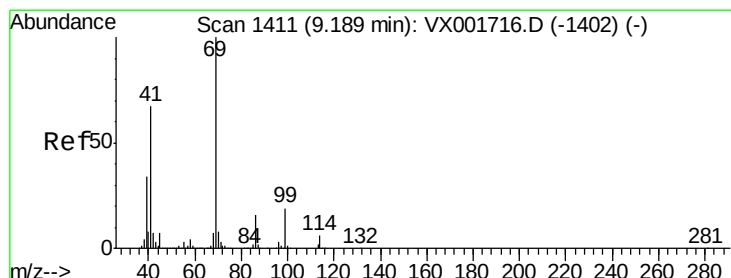
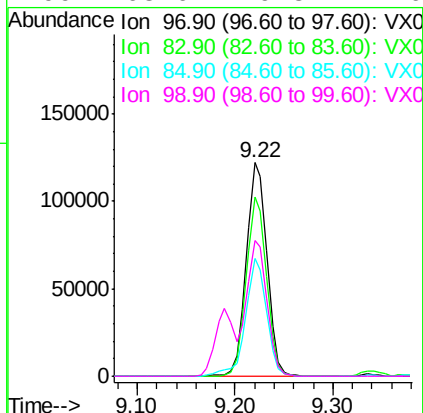
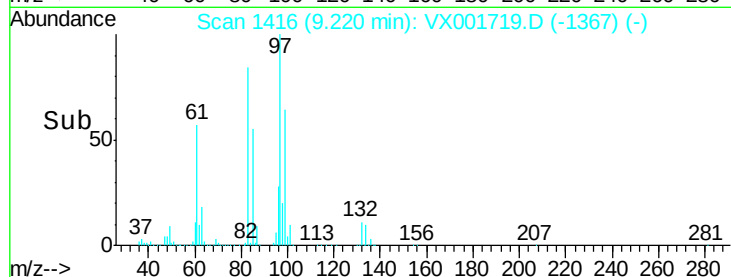
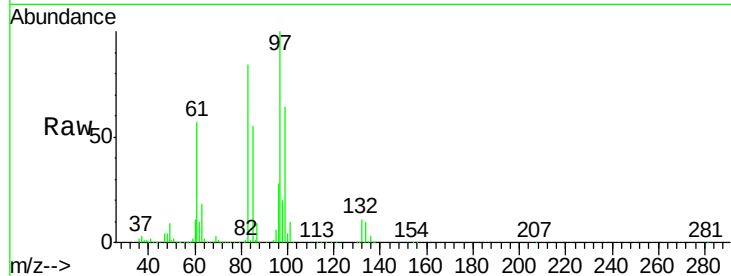
#55
 1,1,2-Trichloroethane
 Concen: 49.12 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. -0.00 min
 Lab File: VX001719.D
 Acq: 14 May 2018 19:36

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX051518

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		179484		
83	84.1	65.8	98.8		
85	55.3	43.4	65.0		
99	63.6	49.8	74.6		

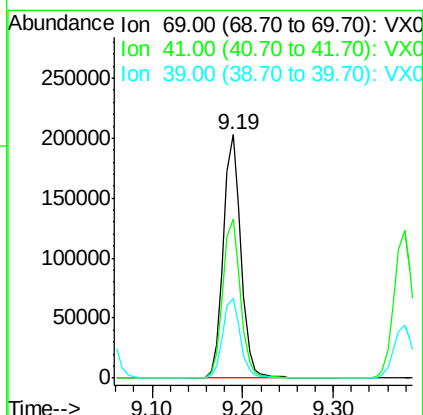
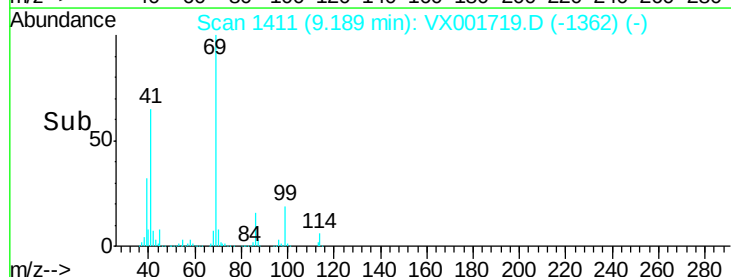
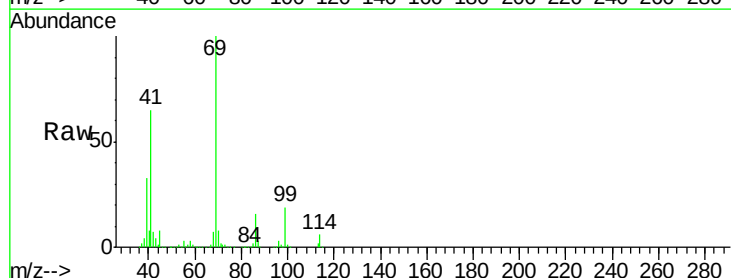
Manual Integrations
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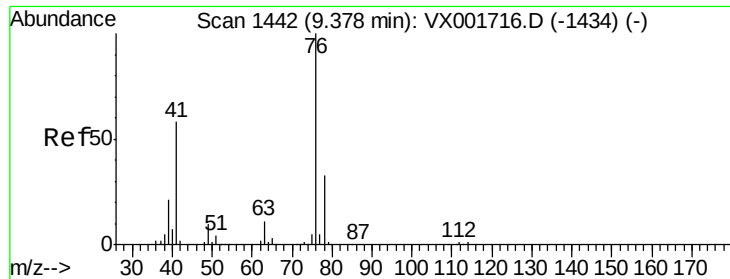
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#56
 Ethyl methacrylate
 Concen: 53.03 ug/l
 RT: 9.19 min Scan# 1411
 Delta R.T. -0.00 min
 Lab File: VX001719.D
 Acq: 14 May 2018 19:36

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		274789		
41	65.6	53.5	80.3		
39	33.1	27.2	40.8		





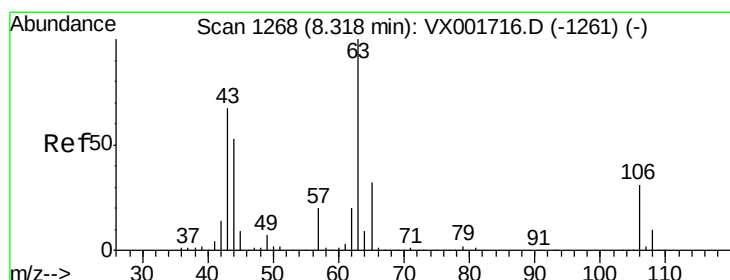
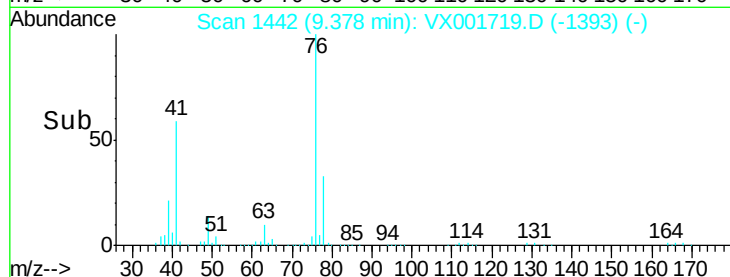
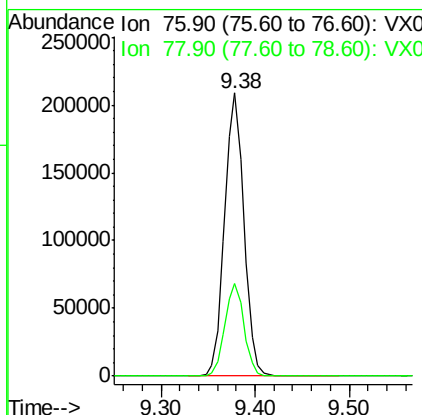
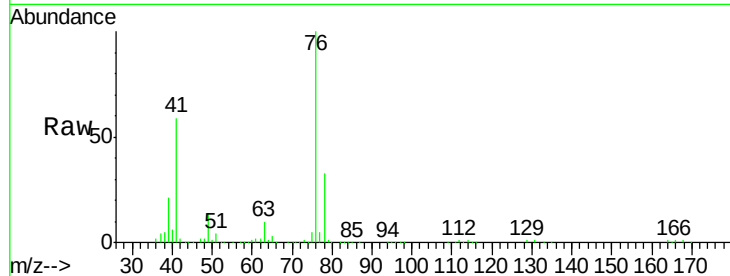
#57
 1,3-Dichloropropane
 Concen: 48.61 ug/l
 RT: 9.38 min Scan# 1442
 Delta R.T. 0.00 min
 Lab File: VX001719.D
 Acq: 14 May 2018 19:36

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX051518

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.4	25.8	38.6

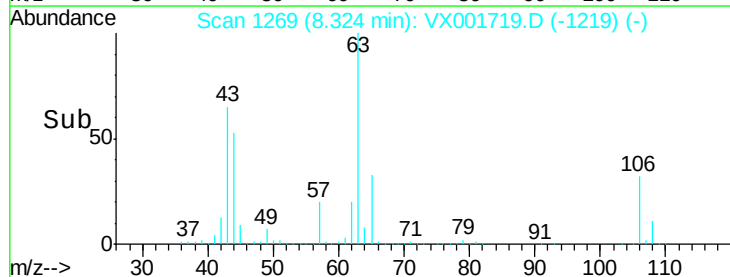
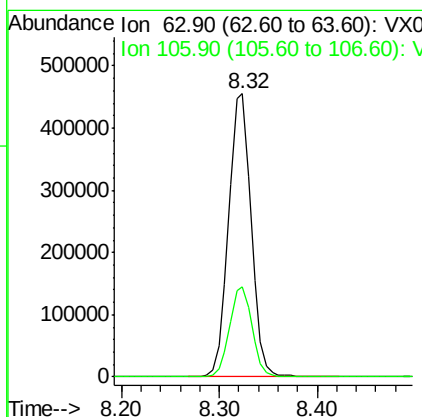
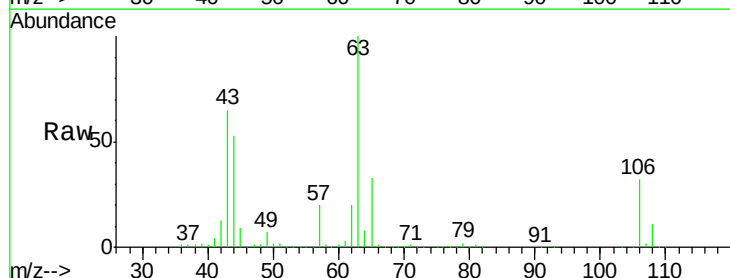
Manual Integrations
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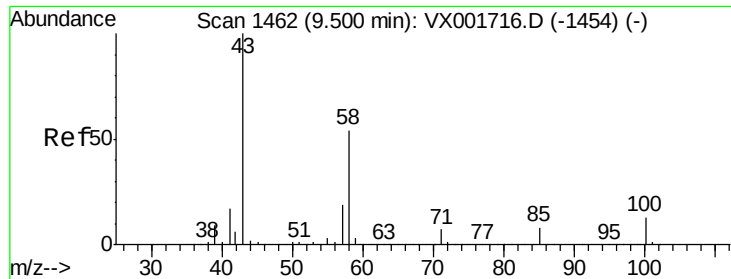
MMDadoda
 5/16/2018 11:54:08 AM



#58
 2-Chloroethyl Vinyl ether
 Concen: 273.41 ug/l
 RT: 8.32 min Scan# 1269
 Delta R.T. 0.01 min
 Lab File: VX001719.D
 Acq: 14 May 2018 19:36

Tgt Ion	Ratio	Lower	Upper
63	100		
106	31.7	25.1	37.7





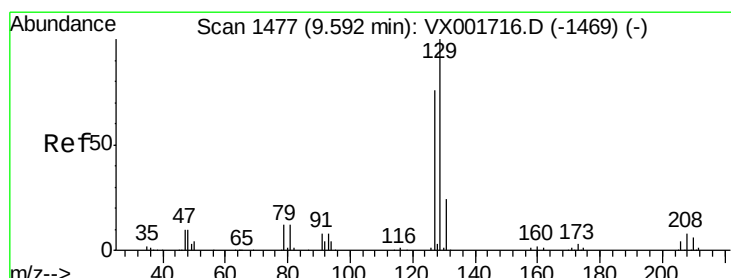
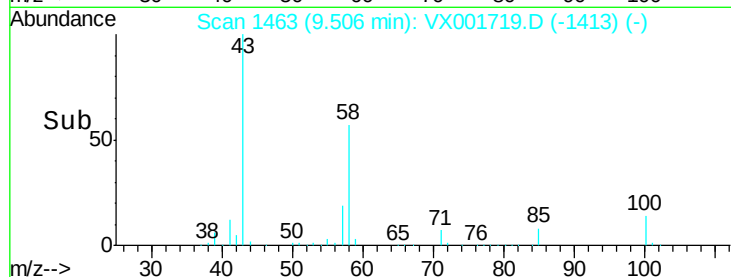
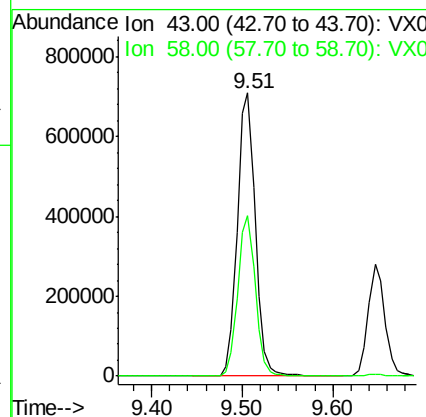
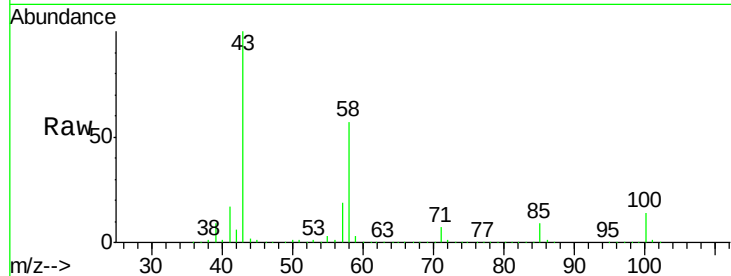
#59
 2-Hexanone
 Concen: 261.31 ug/l
 RT: 9.51 min Scan# 1463
 Delta R.T. 0.01 min
 Lab File: VX001719.D
 Acq: 14 May 2018 19:36

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX051518

Tot Ion: 43 Resp: 976369
 Ion Ratio Lower Upper
 43 100
 58 55.9 27.7 83.1

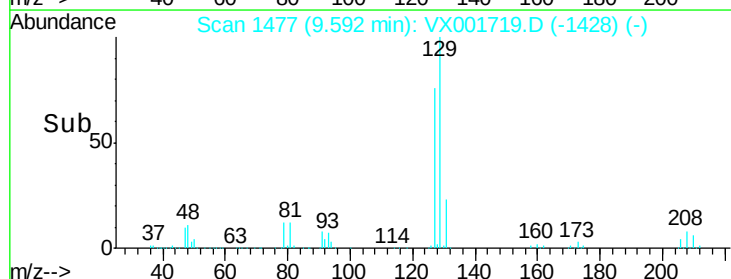
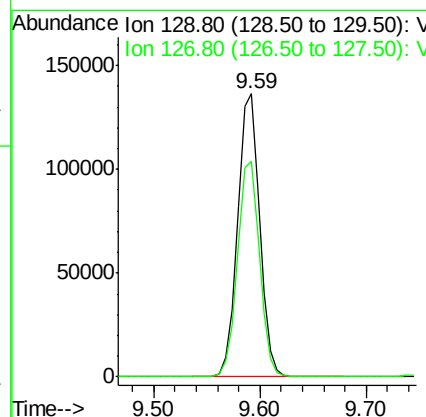
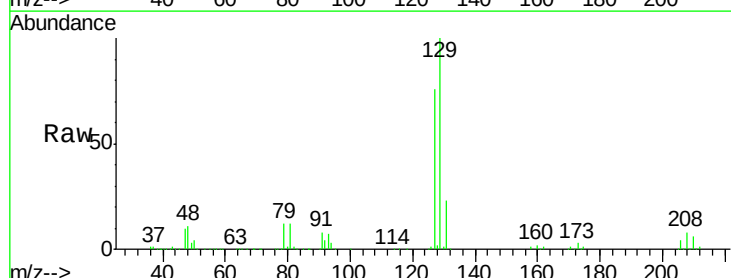
Manual Integrations
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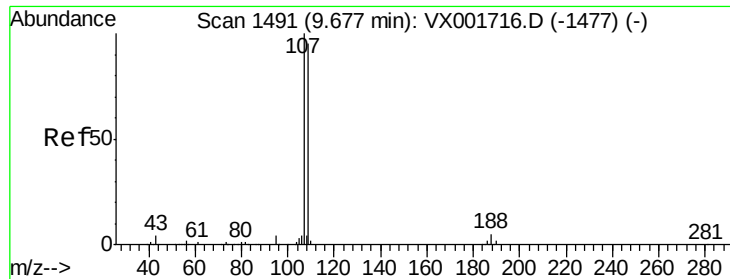
MMDadoda
 5/16/2018 11:54:08 AM



#60
 Dibromochloromethane
 Concen: 52.97 ug/l
 RT: 9.59 min Scan# 1477
 Delta R.T. -0.00 min
 Lab File: VX001719.D
 Acq: 14 May 2018 19:36

Tgt Ion: 129 Resp: 198214
 Ion Ratio Lower Upper
 129 100
 127 76.6 38.7 116.1





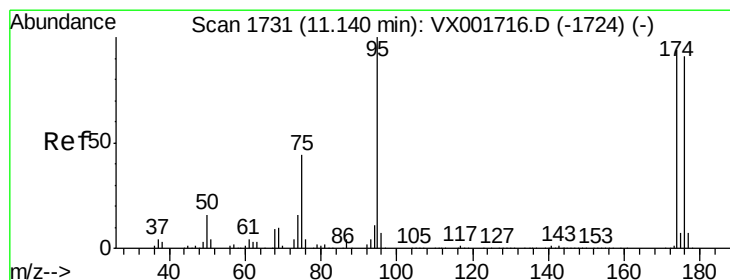
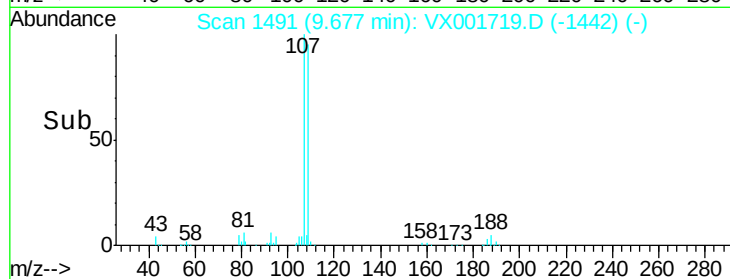
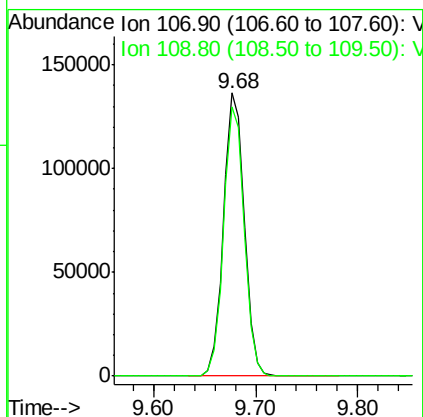
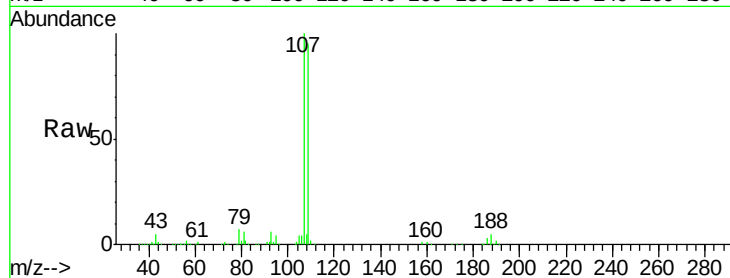
#61
 1,2-Dibromoethane
 Concen: 50.49 ug/l
 RT: 9.68 min Scan# 1491
 Delta R.T. -0.00 min
 Lab File: VX001719.D
 Acq: 14 May 2018 19:36

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX051518

Tot Ion	Ratio	Resp	Lower	Upper
107	100	193171		
109	95.1	76.2	114.2	

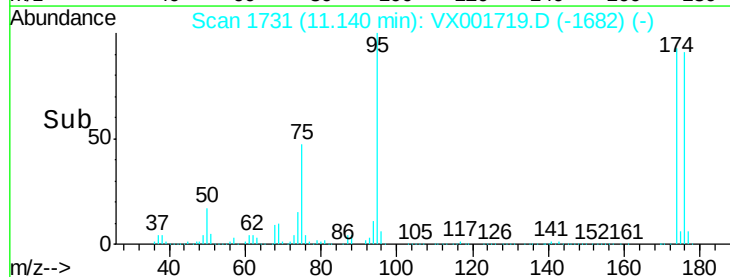
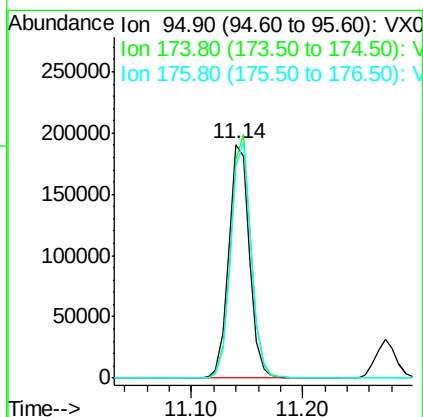
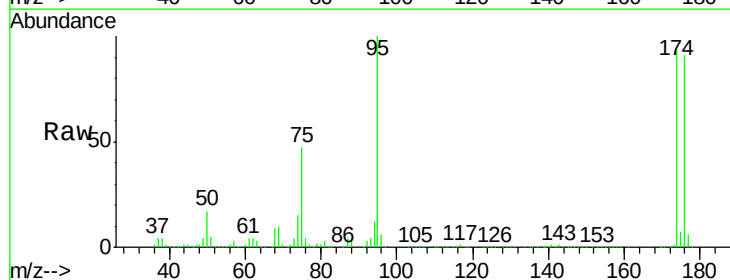
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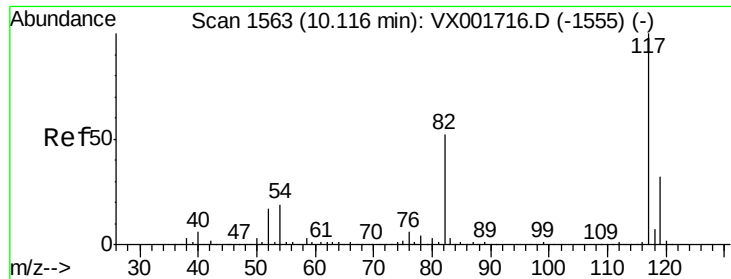
MMDadoda
 5/16/2018 11:54:08 AM



#62
 4-Bromofluorobenzene
 Concen: 51.00 ug/l
 RT: 11.14 min Scan# 1731
 Delta R.T. -0.00 min
 Lab File: VX001719.D
 Acq: 14 May 2018 19:36

Tgt Ion	Ratio	Resp	Lower	Upper
95	100	243429		
174	102.4	0.0	201.8	
176	99.5	0.0	196.8	





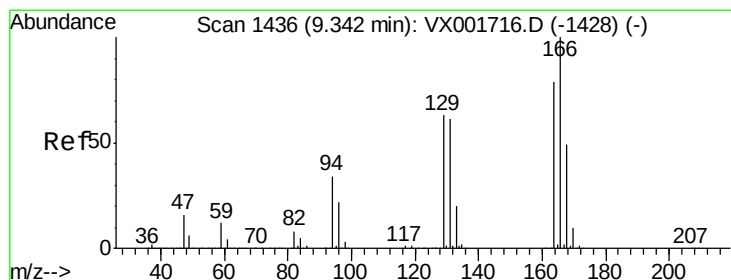
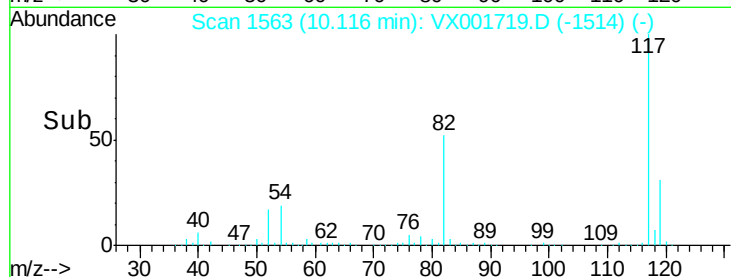
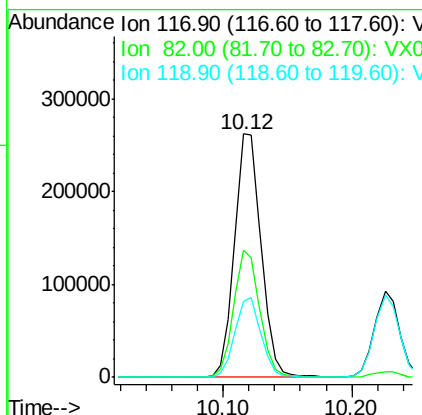
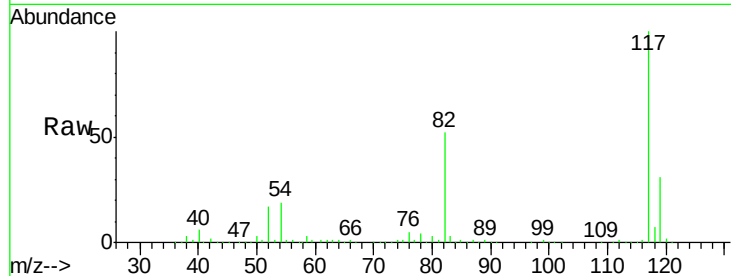
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX001719.D
Acq: 14 May 2018 19:36

Instrument :
MSVOA_X
ClientSampleId :
ICVVX051518

Tot Ion	Ratio	Lower	Upper
117	100		
82	52.4	41.4	62.2
119	31.4	25.6	38.4

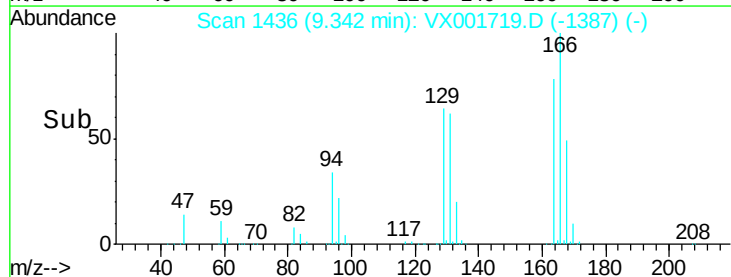
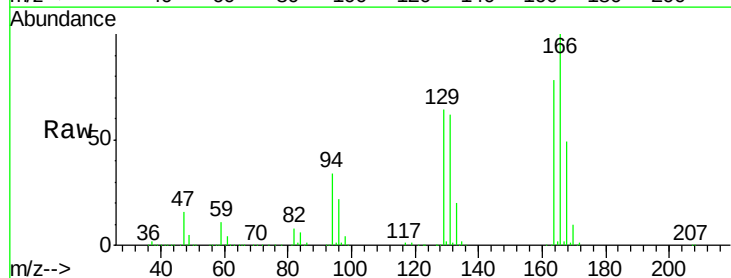
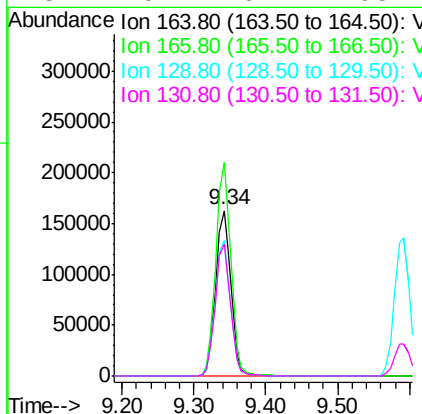
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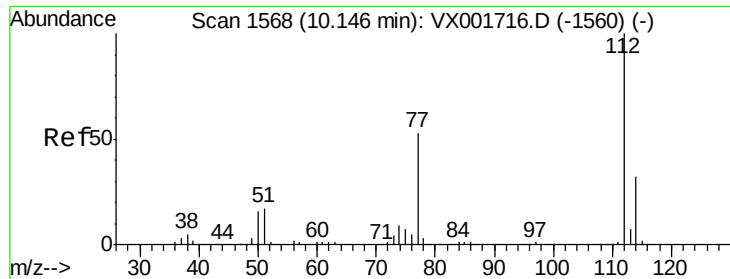
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#64
Tetrachloroethene
Concen: 48.41 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. 0.00 min
Lab File: VX001719.D
Acq: 14 May 2018 19:36

Tgt Ion	Ratio	Lower	Upper
164	100		
166	128.9	101.8	152.8
129	82.3	63.8	95.6
131	79.7	62.2	93.2





#65

Chlorobenzene

Concen: 49.34 ug/l

RT: 10.15 min Scan# 1568

Delta R.T. 0.00 min

Lab File: VX001719.D

Acq: 14 May 2018 19:36

Instrument :

MSVOA_X

ClientSampleId :

ICVVX051518

Tot Ion:112 Resp: 514957

Ion Ratio Lower Upper

112 100

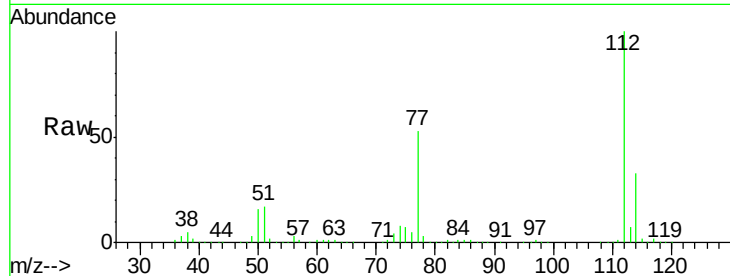
114 33.1 25.6 38.4

Manual Integrations

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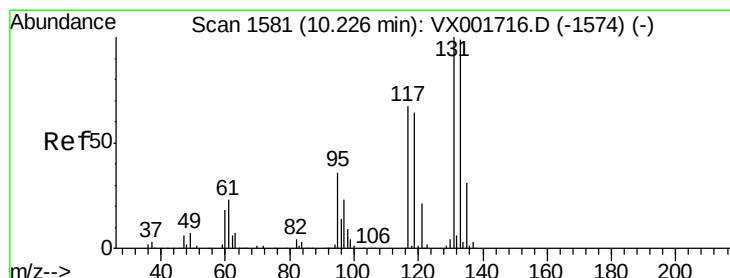
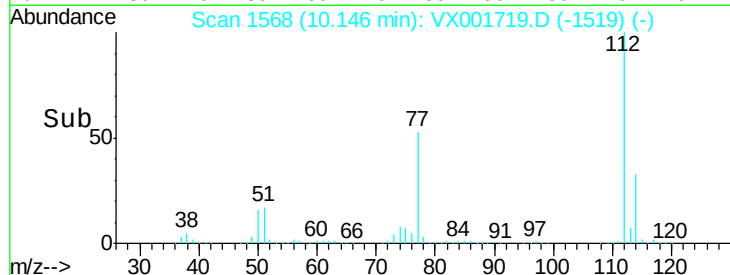
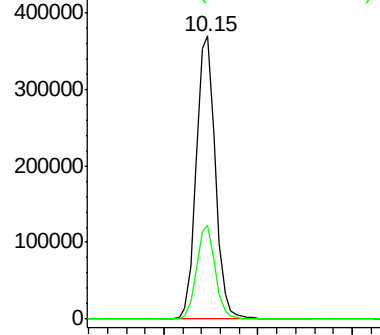
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Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 51.83 ug/l

RT: 10.23 min Scan# 1581

Delta R.T. -0.00 min

Lab File: VX001719.D

Acq: 14 May 2018 19:36

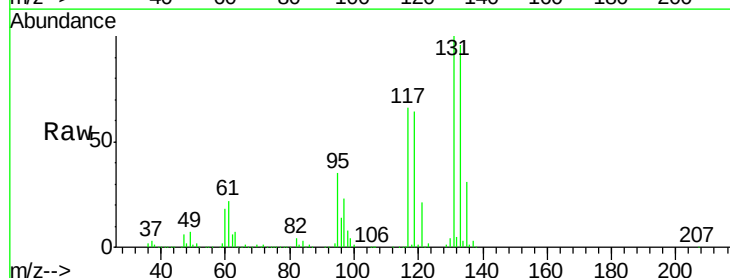
Tgt Ion:131 Resp: 191079

Ion Ratio Lower Upper

131 100

133 95.5 48.5 145.6

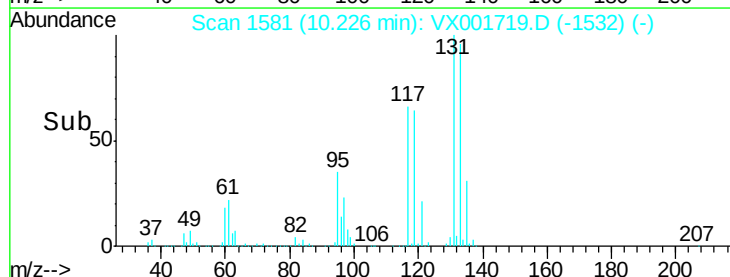
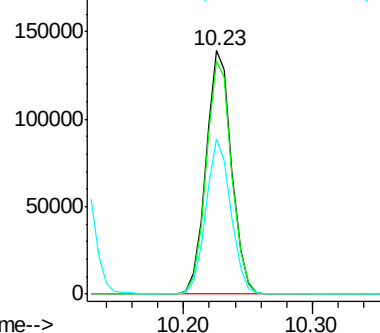
119 62.5 31.9 95.5

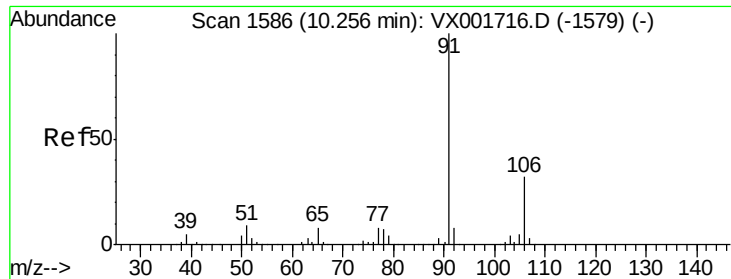


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





#67

Ethyl Benzene

Concen: 51.34 ug/l

RT: 10.26 min Scan# 1586

Delta R.T. -0.00 min

Lab File: VX001719.D

Acq: 14 May 2018 19:36

Instrument :

MSVOA_X

ClientSampleId :

ICVX051518

Tot Ion: 91 Resp: 856383

Ion Ratio Lower Upper

91 100

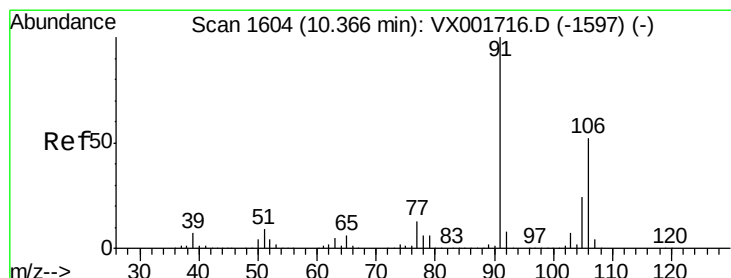
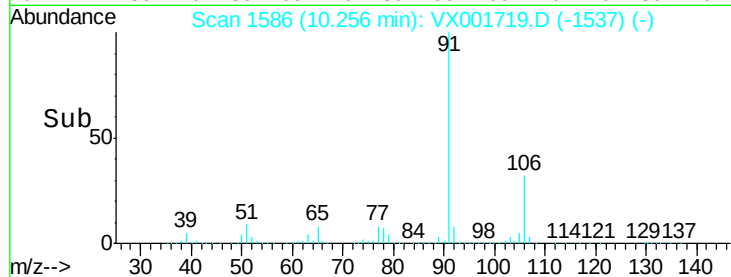
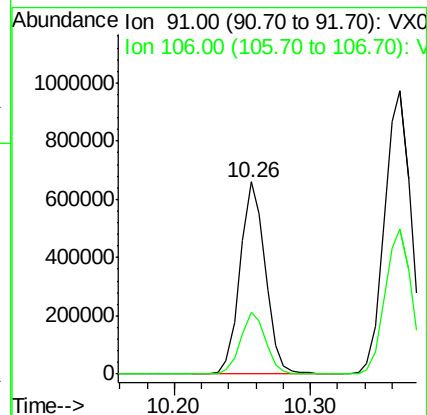
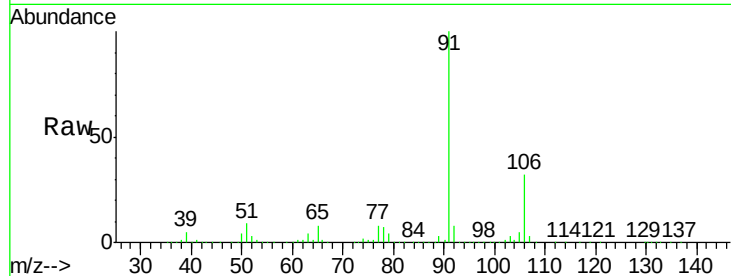
106 32.3 25.7 38.5

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#68

m/p-Xylenes

Concen: 102.94 ug/l

RT: 10.37 min Scan# 1604

Delta R.T. -0.00 min

Lab File: VX001719.D

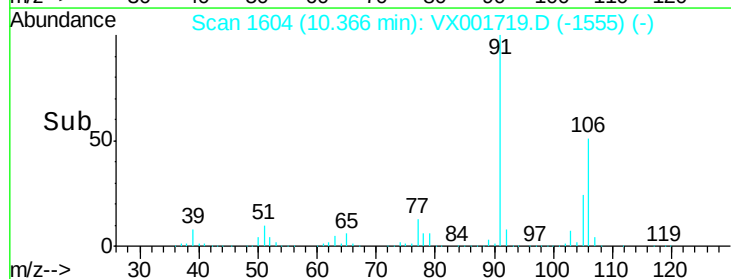
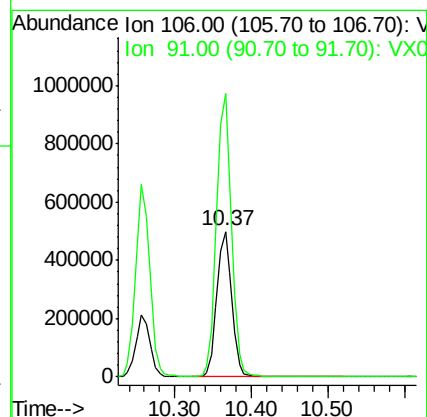
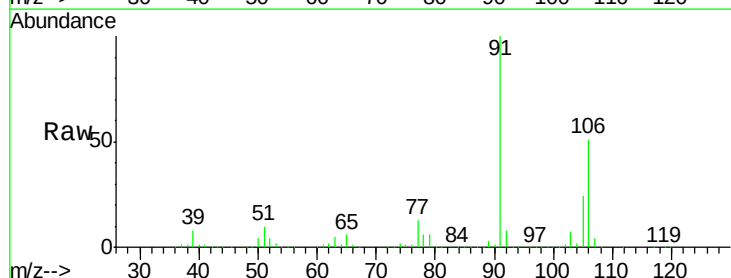
Acq: 14 May 2018 19:36

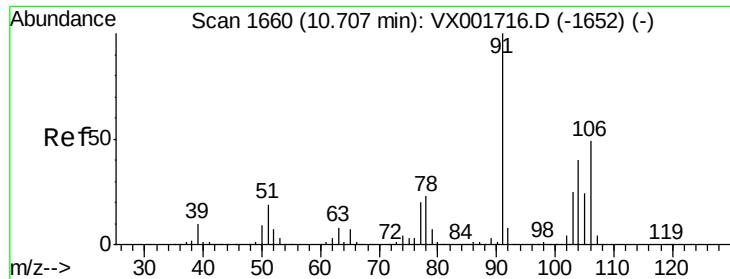
Tgt Ion: 106 Resp: 677491

Ion Ratio Lower Upper

106 100

91 195.4 155.4 233.2





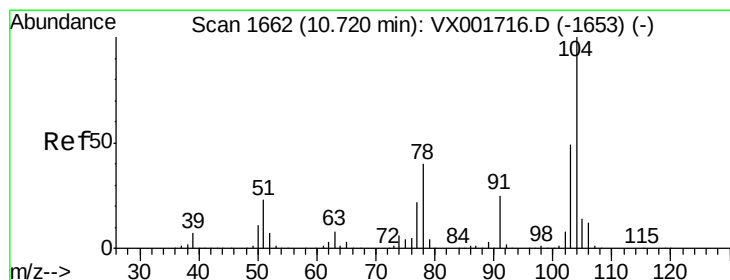
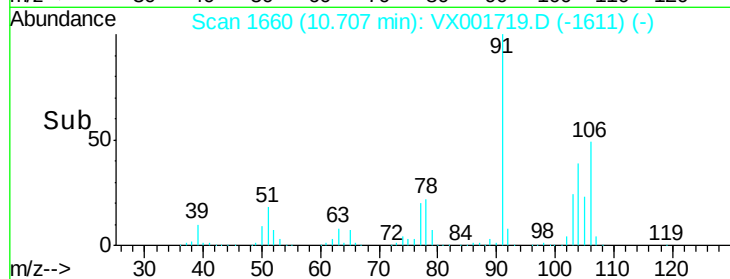
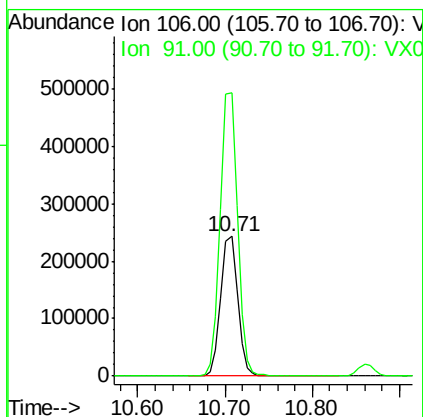
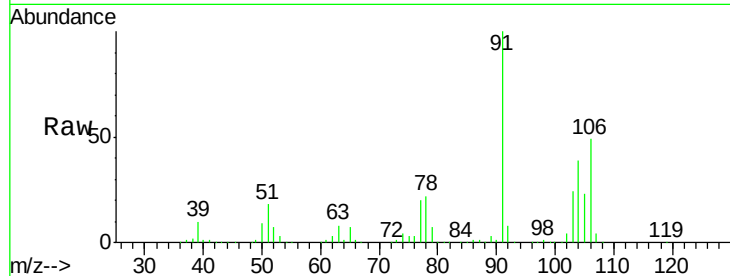
#69
o-Xylene
Concen: 52.41 ug/l
RT: 10.71 min Scan# 1660
Delta R.T. -0.00 min
Lab File: VX001719.D
Acq: 14 May 2018 19:36

Instrument :
MSVOA_X
ClientSampleId :
ICVVX051518

Tot Ion	Ratio	Lower	Upper
106	100		
91	205.3	103.4	310.2

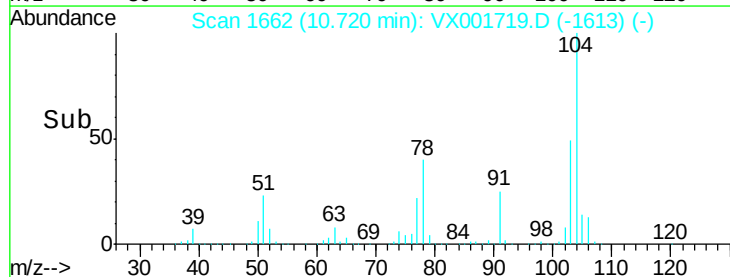
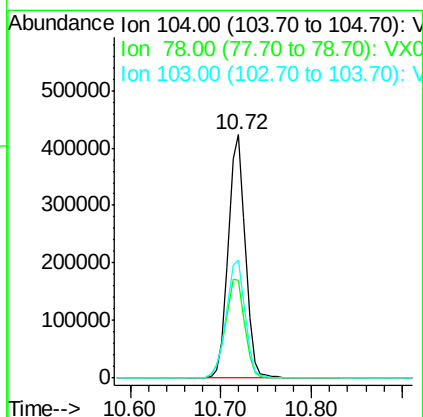
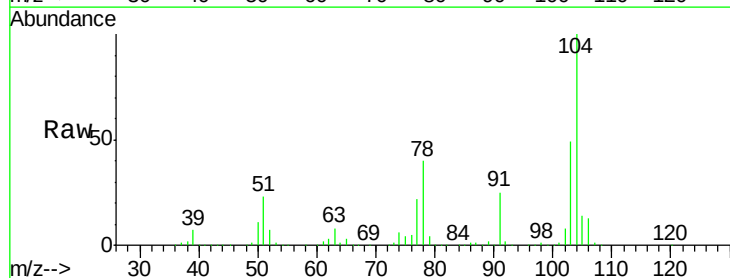
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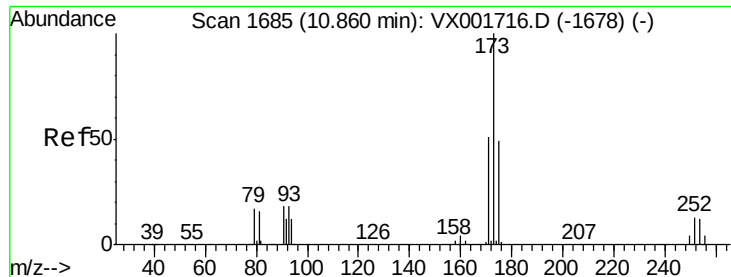
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#70
Styrene
Concen: 53.32 ug/l
RT: 10.72 min Scan# 1662
Delta R.T. -0.00 min
Lab File: VX001719.D
Acq: 14 May 2018 19:36

Tgt Ion	Ratio	Lower	Upper
104	100		
78	46.2	37.3	55.9
103	54.0	43.7	65.5





#71

Bromoform

Concen: 47.77 ug/l

RT: 10.87 min Scan# 1686

Delta R.T. 0.01 min

Lab File: VX001719.D

Acq: 14 May 2018 19:36

Instrument :

MSVOA_X

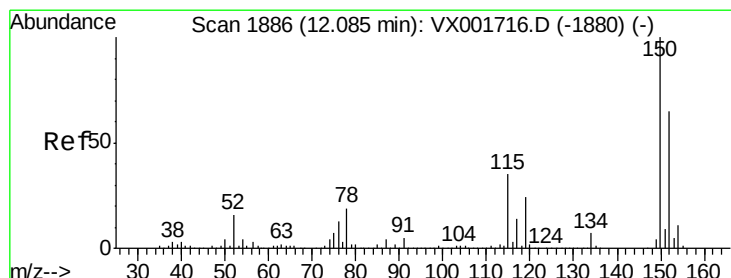
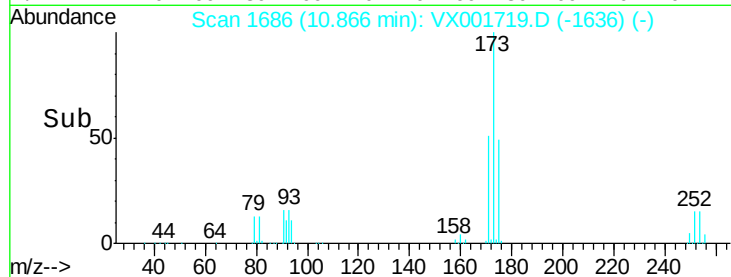
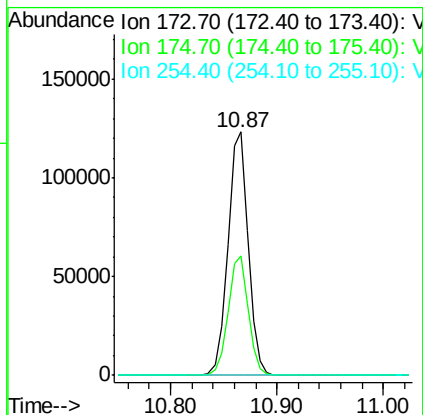
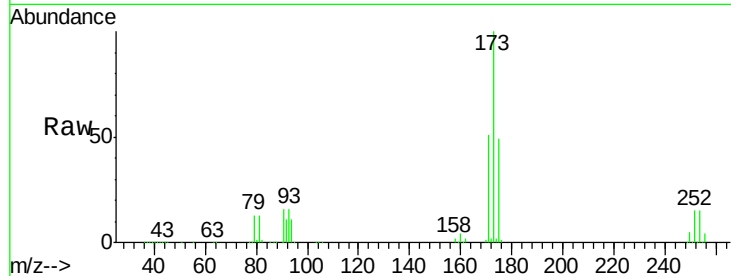
ClientSampleId :

ICVVX051518

Tot Ion	Ratio	Lower	Upper
173	100		
175	48.7	24.3	72.8
254	0.2	0.2	0.2

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#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

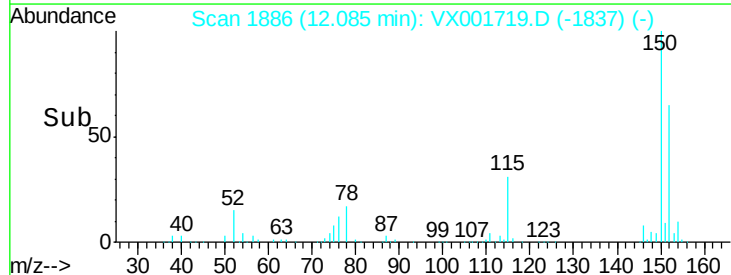
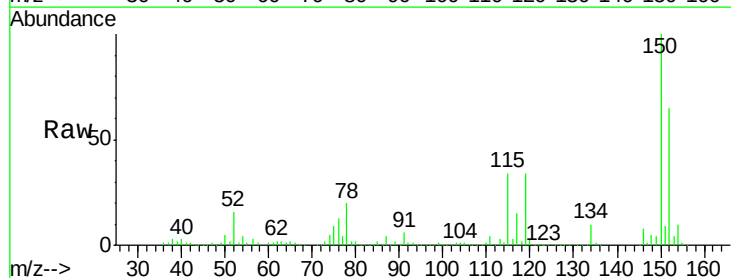
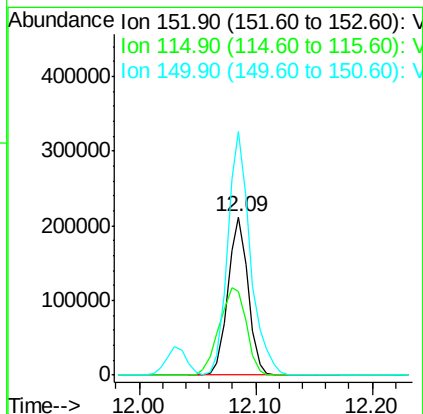
RT: 12.09 min Scan# 1886

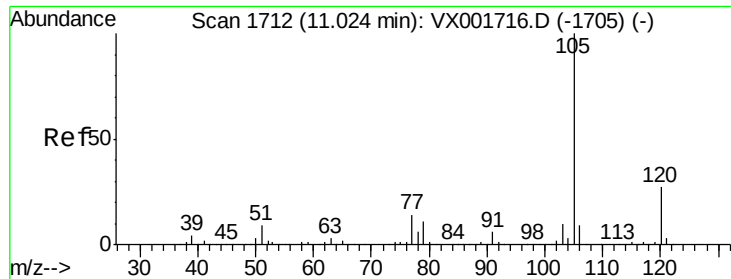
Delta R.T. -0.00 min

Lab File: VX001719.D

Acq: 14 May 2018 19:36

Tgt Ion	Ratio	Lower	Upper
152	100		
115	74.1	37.4	112.2
150	173.4	0.0	344.8





#73

Isopropylbenzene

Concen: 52.70 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. -0.00 min

Lab File: VX001719.D

Acq: 14 May 2018 19:36

Instrument :

MSVOA_X

ClientSampleId :

ICVVX051518

Tot Ion: 105 Resp: 878155

Ion Ratio Lower Upper

105 100

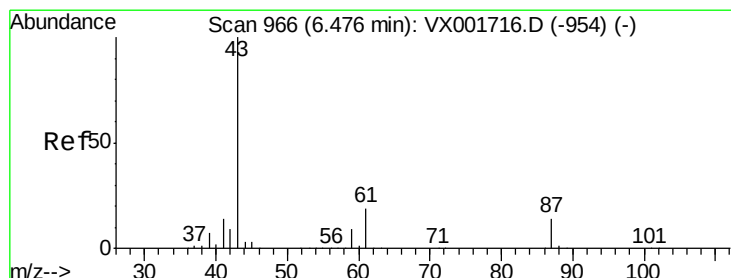
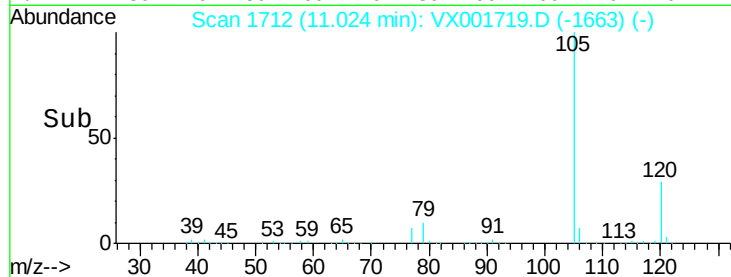
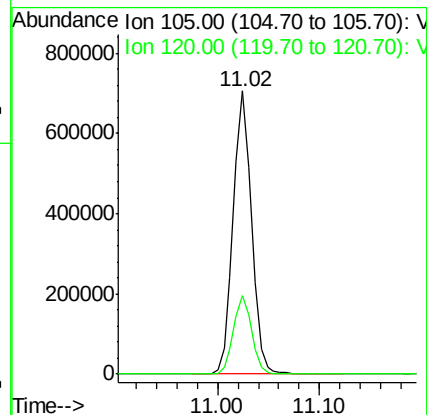
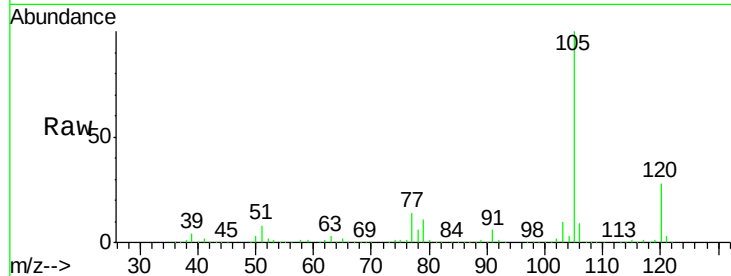
120 27.6 13.8 41.3

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#74

N-ethyl acetate

Concen: 54.38 ug/l

RT: 6.48 min Scan# 966

Delta R.T. -0.00 min

Lab File: VX001719.D

Acq: 14 May 2018 19:36

Tgt Ion: 43 Resp: 434344

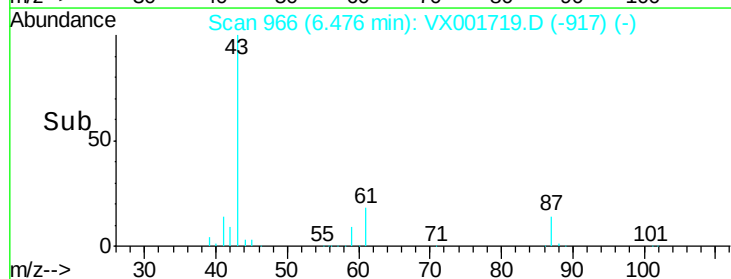
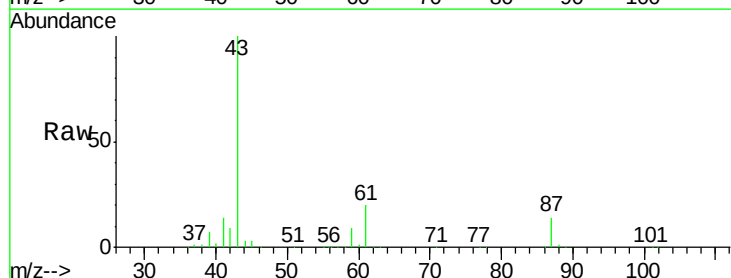
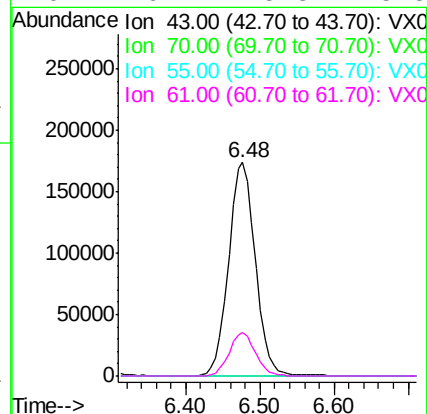
Ion Ratio Lower Upper

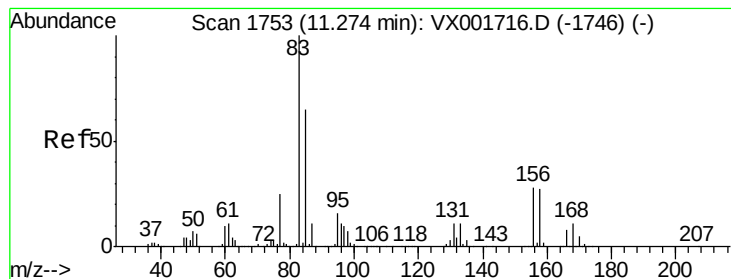
43 100

70 0.0 0.0 0.0

55 0.0 0.1 0.1#

61 20.1 15.8 23.8





#75

1,1,2,2-Tetrachloroethane

Concen: 51.24 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. 0.00 min

Lab File: VX001719.D

Acq: 14 May 2018 19:36

Instrument :

MSVOA_X

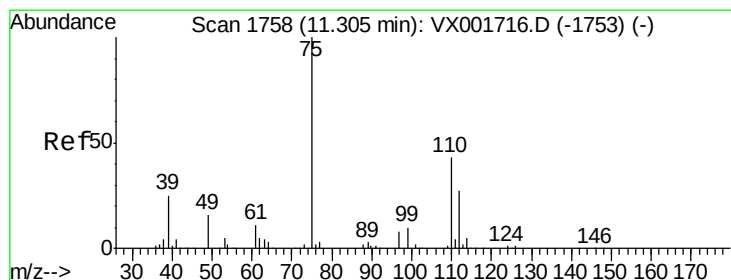
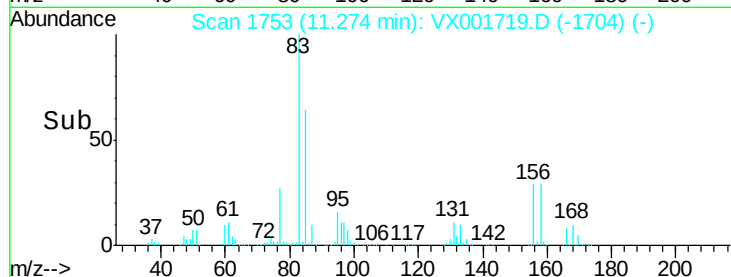
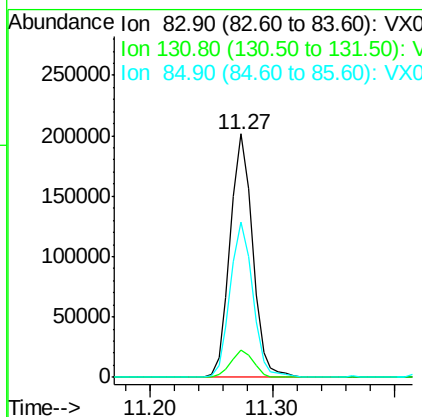
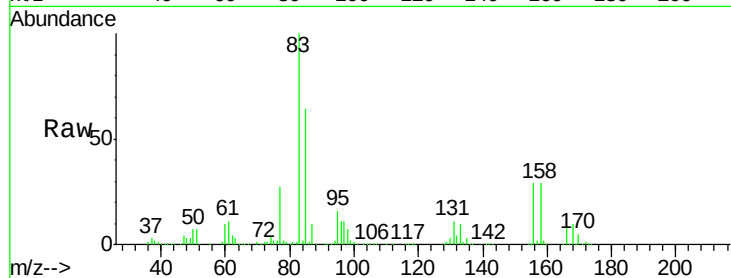
ClientSampled :

ICVVX051518

Tot Ion:	83	Resp:	256101
Ion Ratio	Lower	Upper	
83	100		
131	11.4	5.7	17.0
85	64.2	32.7	98.1

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#76

1,2,3-Trichloropropane

Concen: 52.25 ug/l m

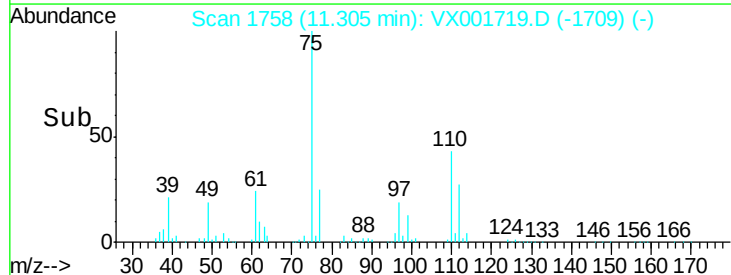
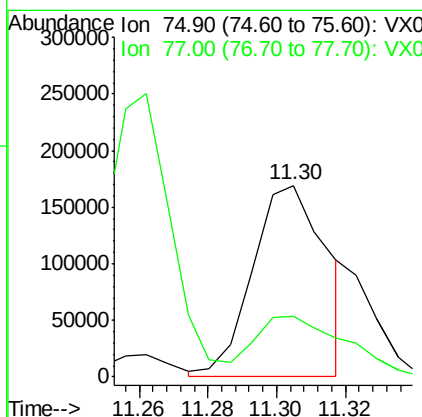
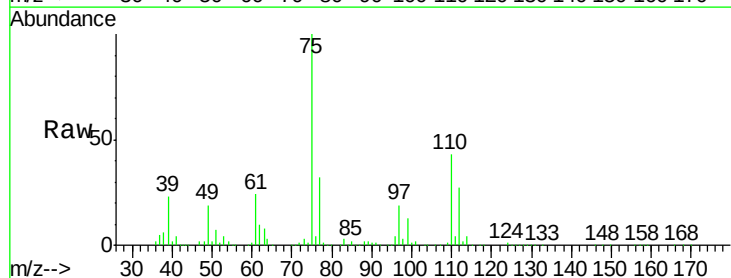
RT: 11.30 min Scan# 1758

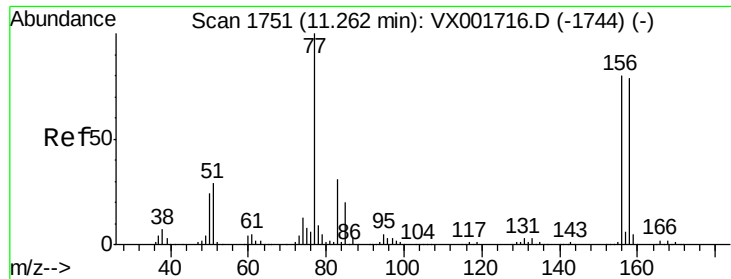
Delta R.T. 0.00 min

Lab File: VX001719.D

Acq: 14 May 2018 19:36

Tgt Ion:	75	Resp:	251368
Ion Ratio	Lower	Upper	
75	100		
77	38.9	18.9	56.7





#77

Bromobenzene

Concen: 51.58 ug/l

RT: 11.26 min Scan# 1751

Delta R.T. -0.00 min

Lab File: VX001719.D

Acq: 14 May 2018 19:36

Instrument :

MSVOA_X

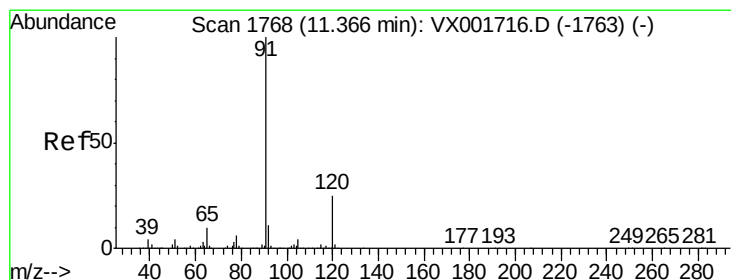
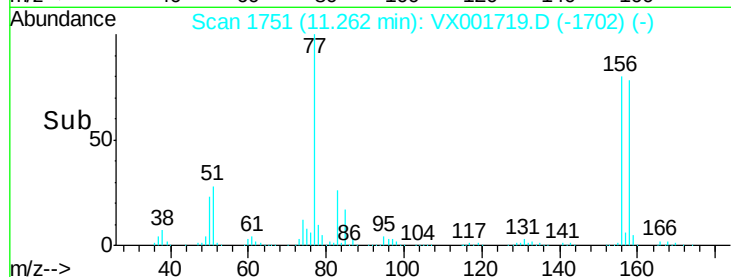
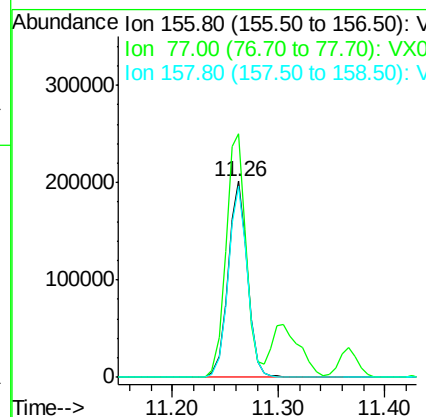
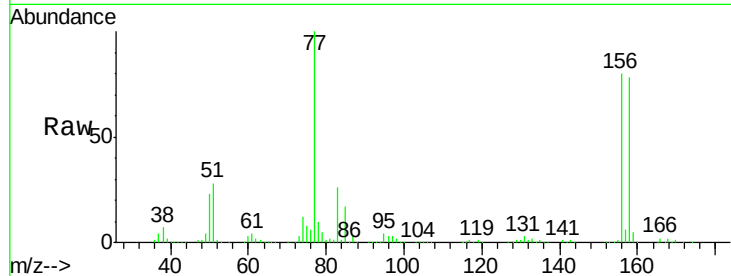
ClientSampleId :

ICVVX051518

Tot Ion:	156	Resp:	252524
Ion Ratio	Lower	Upper	
156	100		
77	130.6	65.3	196.0
158	97.3	49.1	147.3

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#78

n-propylbenzene

Concen: 52.40 ug/l

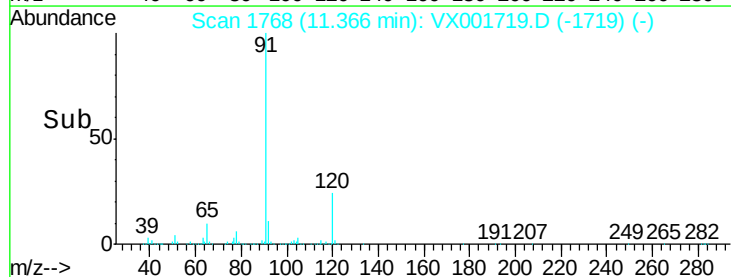
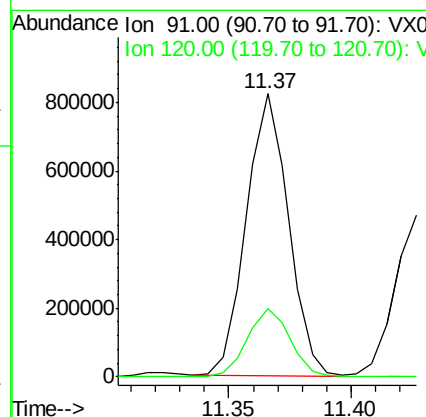
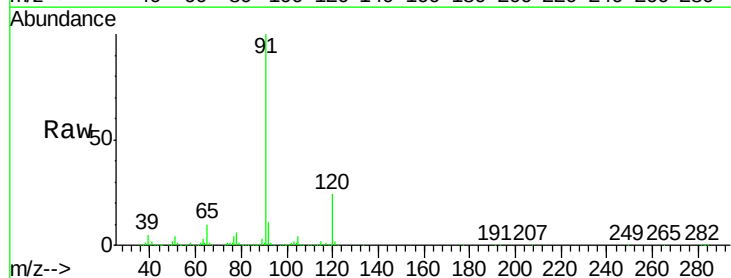
RT: 11.37 min Scan# 1768

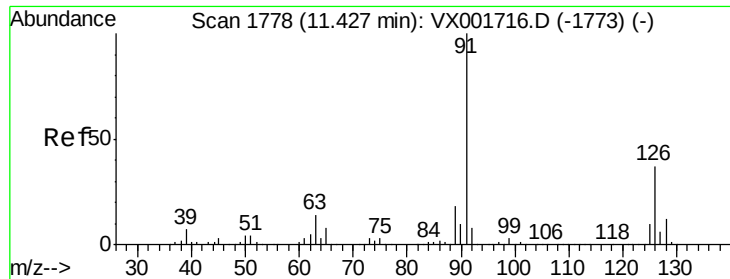
Delta R.T. -0.00 min

Lab File: VX001719.D

Acq: 14 May 2018 19:36

Tgt Ion:	91	Resp:	983538
Ion Ratio	Lower	Upper	
91	100		
120	24.9	12.5	37.5





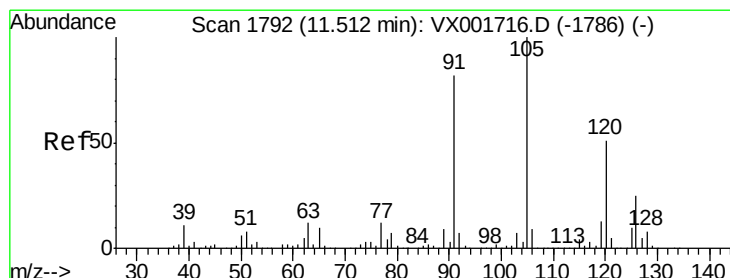
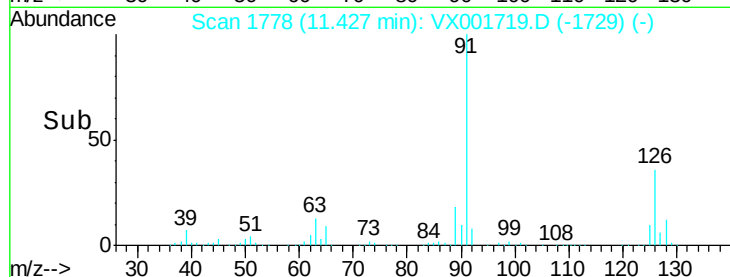
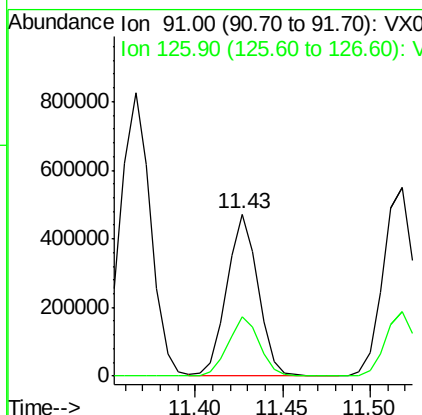
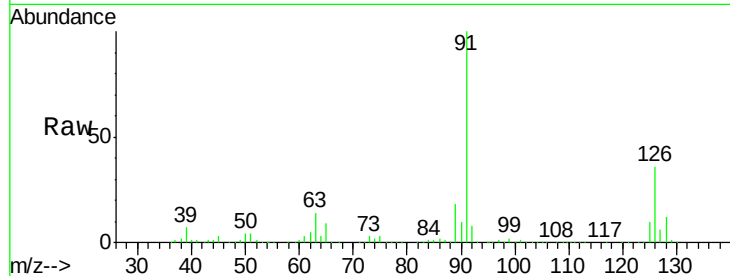
#79
 2-Chlorotoluene
 Concen: 51.72 ug/l
 RT: 11.43 min Scan# 1778
 Delta R.T. -0.00 min
 Lab File: VX001719.D
 Acq: 14 May 2018 19:36

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX051518

Tot Ion: 91 Resp: 580663
 Ion Ratio Lower Upper
 91 100
 126 36.8 18.4 55.4

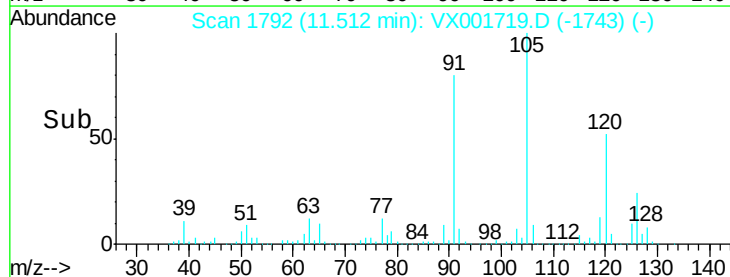
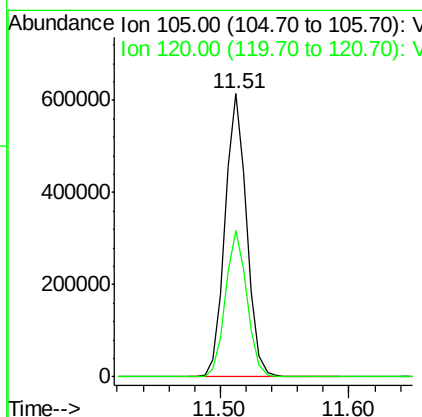
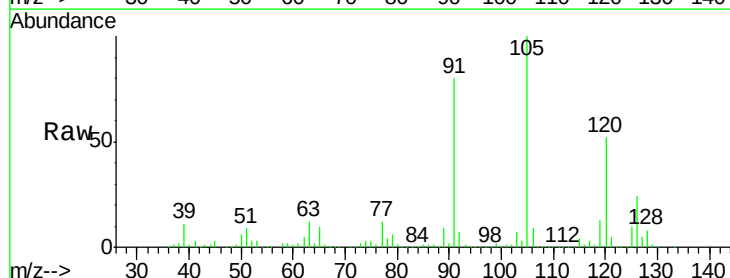
Manual Integrations
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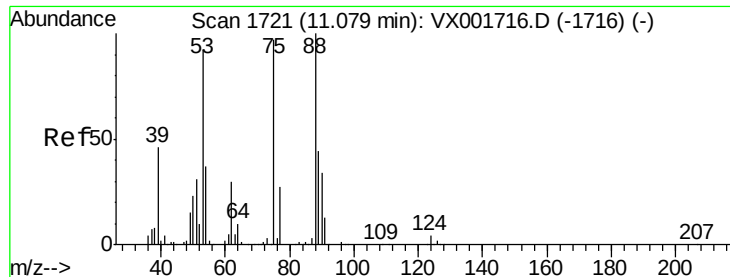
MMDadoda
 5/16/2018 11:54:08 AM



#80
 1,3,5-Trimethylbenzene
 Concen: 53.13 ug/l
 RT: 11.51 min Scan# 1792
 Delta R.T. -0.00 min
 Lab File: VX001719.D
 Acq: 14 May 2018 19:36

Tgt Ion: 105 Resp: 726283
 Ion Ratio Lower Upper
 105 100
 120 51.6 25.7 77.0





#81

trans-1,4-Dichloro-2-butene

Concen: 47.67 ug/l

RT: 11.08 min Scan# 1721

Delta R.T. 0.00 min

Lab File: VX001719.D

Acq: 14 May 2018 19:36

Instrument :

MSVOA_X

ClientSampleId :

ICVVX051518

Tot Ion: 75 Resp: 76693

Ion Ratio Lower Upper

75 100

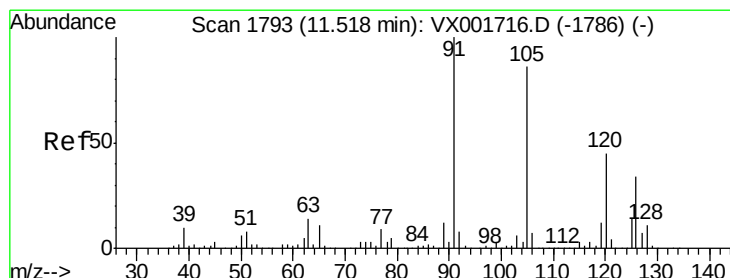
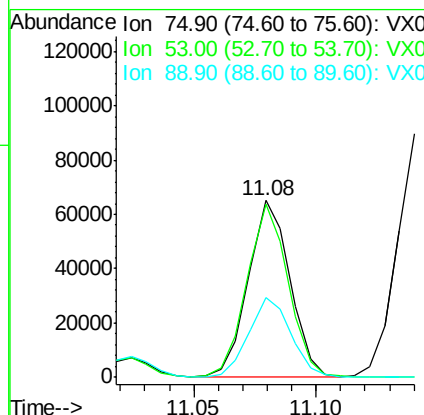
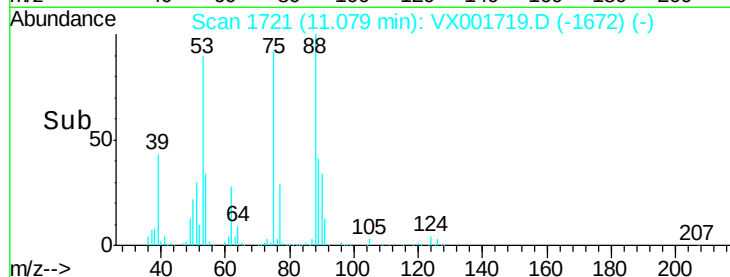
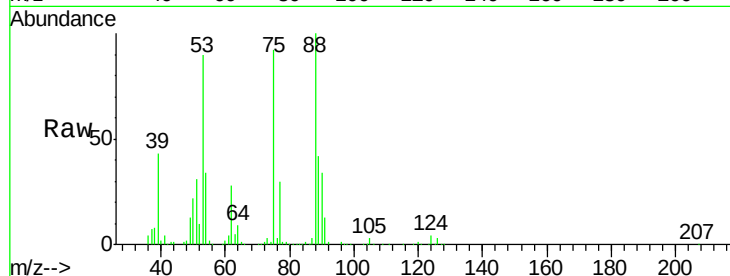
53 97.6 79.4 119.2

89 46.6 38.8 58.2

Manual Integrations
APPROVED

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#82

4-Chlorotoluene

Concen: 51.66 ug/l

RT: 11.52 min Scan# 1793

Delta R.T. -0.00 min

Lab File: VX001719.D

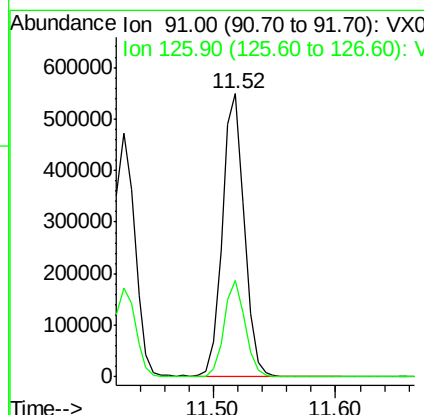
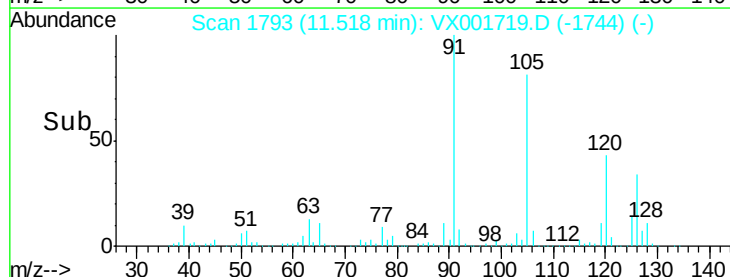
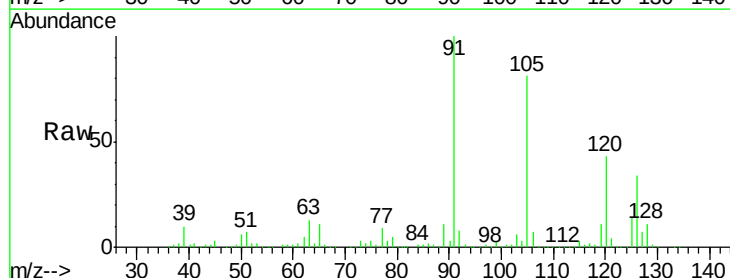
Acq: 14 May 2018 19:36

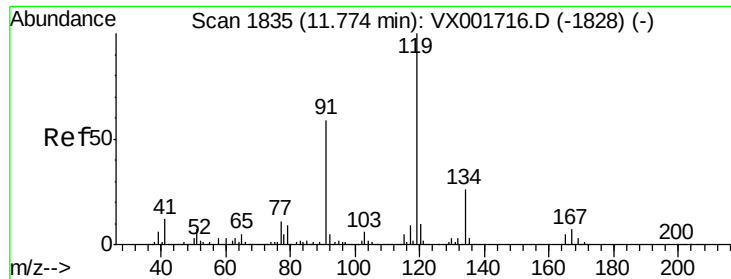
Tgt Ion: 91 Resp: 683252

Ion Ratio Lower Upper

91 100

126 32.6 16.4 49.1





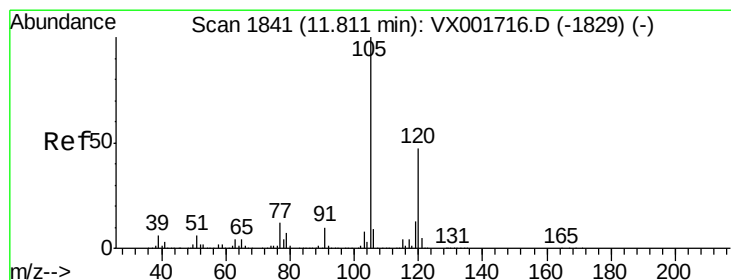
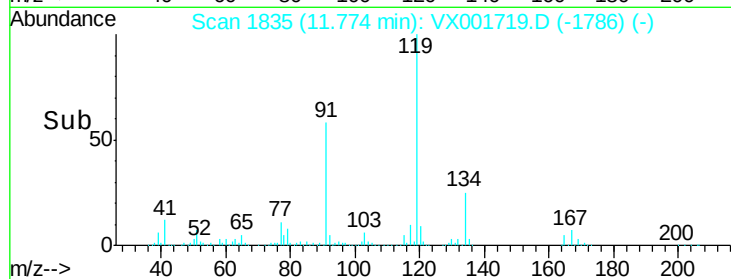
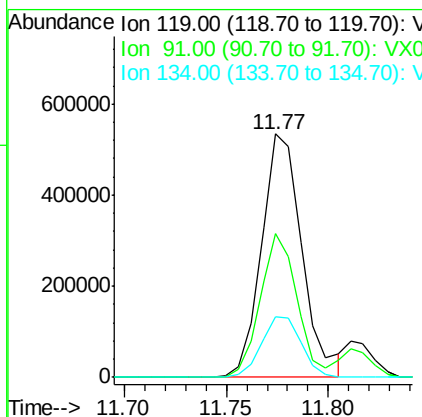
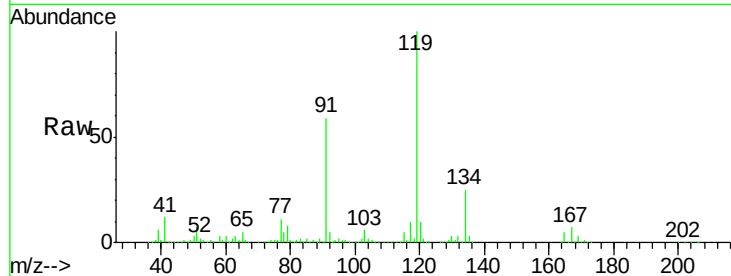
#83
 tert-Butylbenzene
 Concen: 54.33 ug/l
 RT: 11.77 min Scan# 1835
 Delta R.T. -0.00 min
 Lab File: VX001719.D
 Acq: 14 May 2018 19:36

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX051518

Tot Ion	Ratio	Resp	Lower	Upper
119	100	739015		
91	53.6		27.7	83.0
134	24.5		12.7	38.1

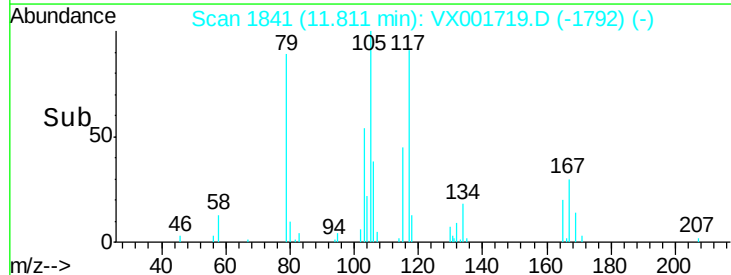
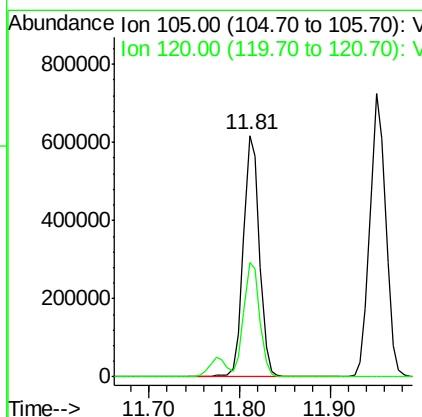
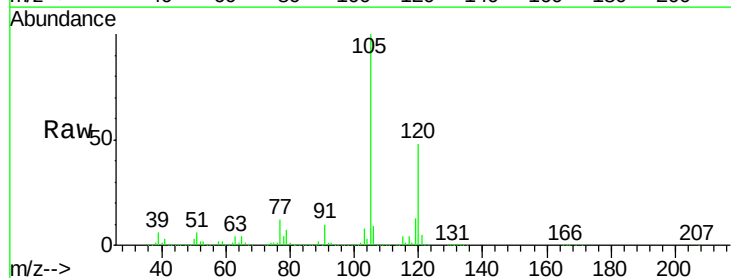
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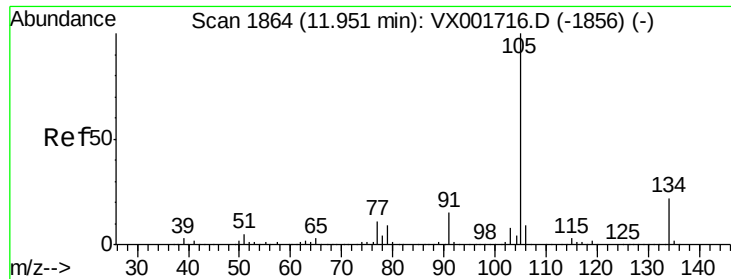
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#84
 1,2,4-Trimethylbenzene
 Concen: 53.32 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. -0.00 min
 Lab File: VX001719.D
 Acq: 14 May 2018 19:36

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	754794		
120	47.2		23.5	70.5





#85

sec-Butylbenzene

Concen: 52.83 ug/l

RT: 11.95 min Scan# 1864

Delta R.T. -0.00 min

Lab File: VX001719.D

Acq: 14 May 2018 19:36

Instrument :

MSVOA_X

ClientSampleId :

ICVVX051518

Tot Ion:105 Resp: 887111

Ion Ratio Lower Upper

105 100

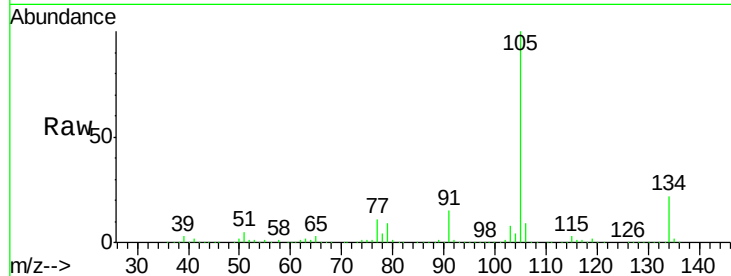
134 21.8 10.9 32.6

Manual Integrations

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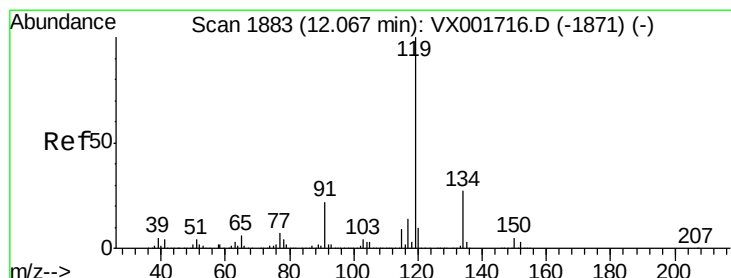
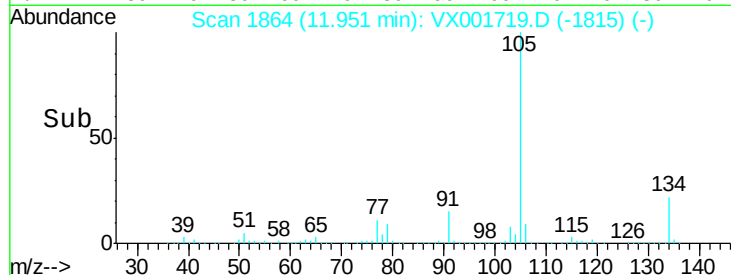
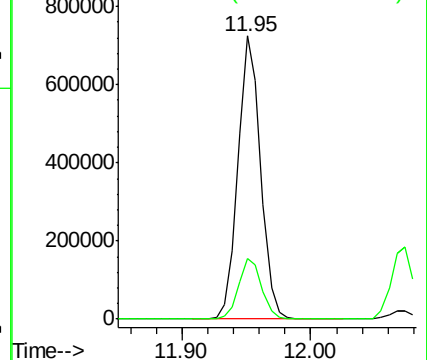
MMDadoda

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 52.67 ug/l

RT: 12.07 min Scan# 1884

Delta R.T. 0.01 min

Lab File: VX001719.D

Acq: 14 May 2018 19:36

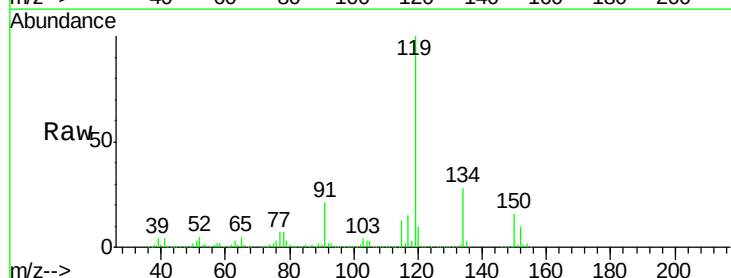
Tgt Ion:119 Resp: 818335

Ion Ratio Lower Upper

119 100

134 27.0 13.6 40.8

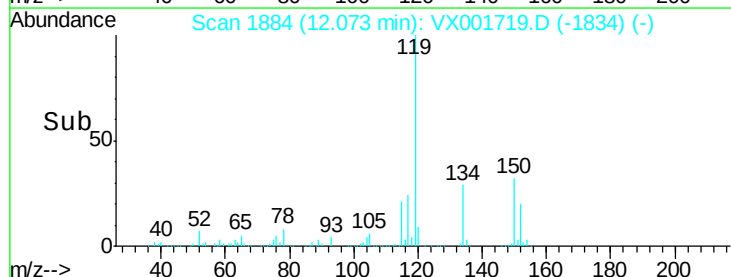
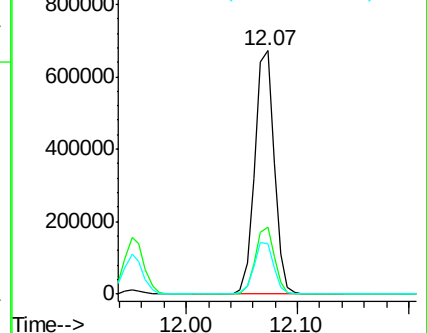
91 21.2 10.7 32.1

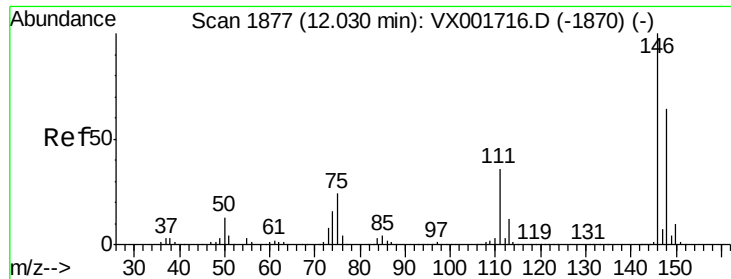


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





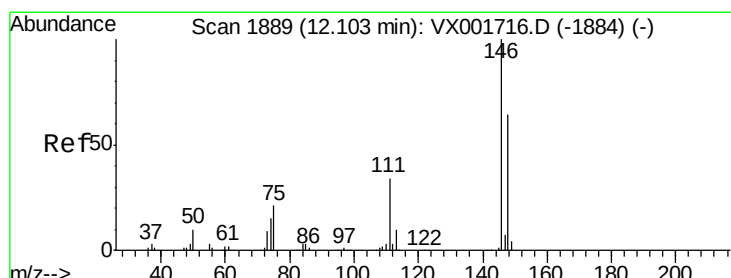
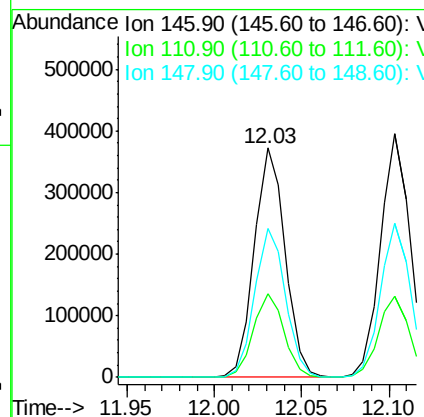
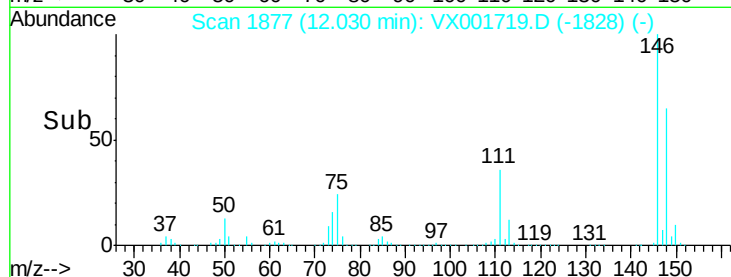
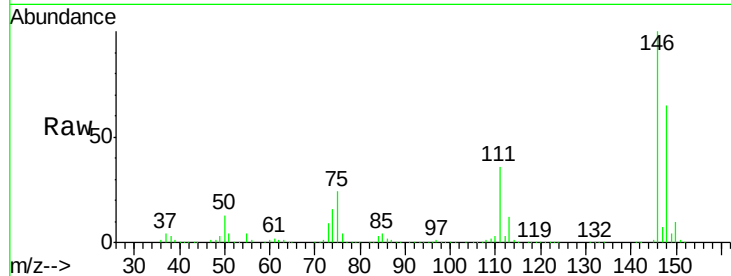
#87
 1,3-Dichlorobenzene
 Concen: 50.62 ug/l
 RT: 12.03 min Scan# 1877
 Delta R.T. -0.00 min
 Lab File: VX001719.D
 Acq: 14 May 2018 19:36

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX051518

Tot Ion	Ratio	Resp	Lower	Upper
146	100	458351		
111	36.1	17.8	53.4	
148	64.8	32.1	96.3	

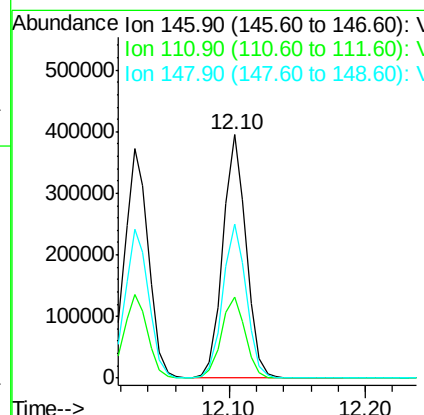
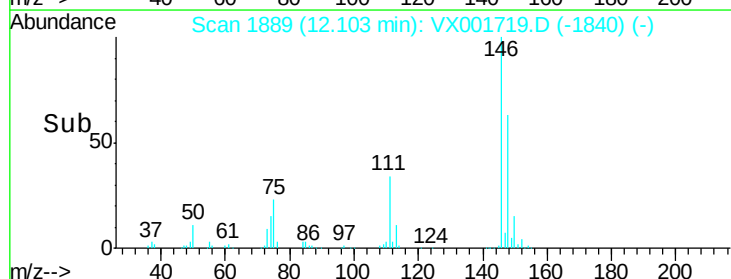
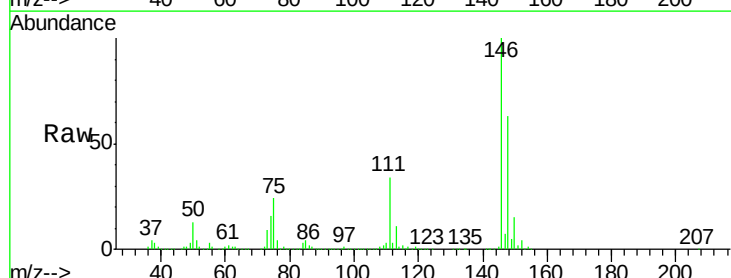
Manual Integrations
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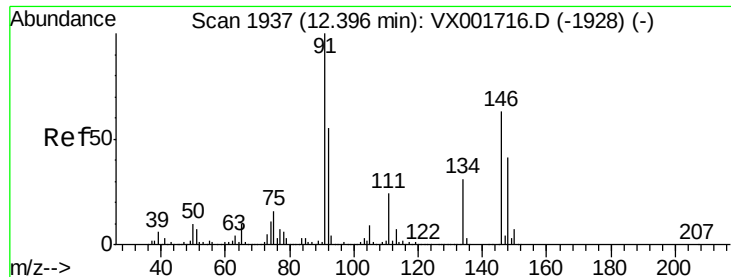
MMDadoda
 5/16/2018 11:54:08 AM



#88
 1,4-Dichlorobenzene
 Concen: 49.89 ug/l
 RT: 12.10 min Scan# 1889
 Delta R.T. 0.00 min
 Lab File: VX001719.D
 Acq: 14 May 2018 19:36

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	467115		
111	34.6	17.3	52.0	
148	64.1	32.3	96.9	





#89

n-Butylbenzene

Concen: 52.00 ug/l

RT: 12.40 min Scan# 1937

Delta R.T. 0.00 min

Lab File: VX001719.D

Acq: 14 May 2018 19:36

Instrument :

MSVOA_X

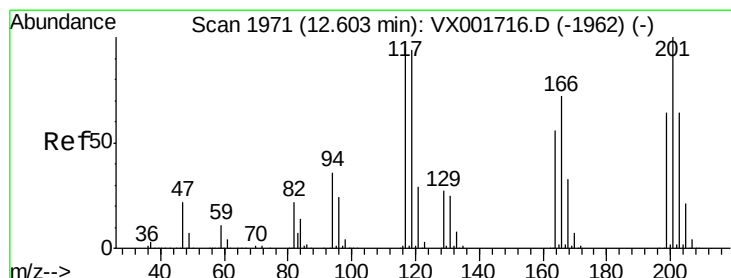
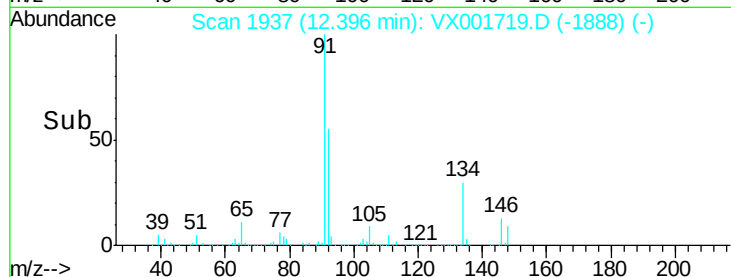
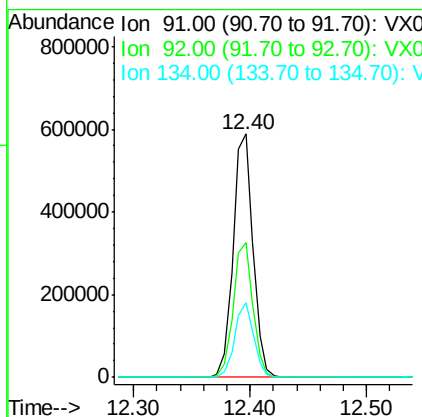
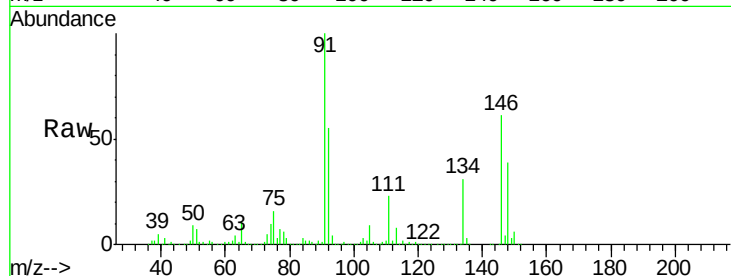
ClientSampleId :

ICVVX051518

Tot Ion:	91	Resp:	698779
Ion	Ratio	Lower	Upper
91	100		
92	54.9	27.3	81.9
134	29.4	14.7	44.1

Manual Integrations
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#90

Hexachloroethane

Concen: 54.00 ug/l

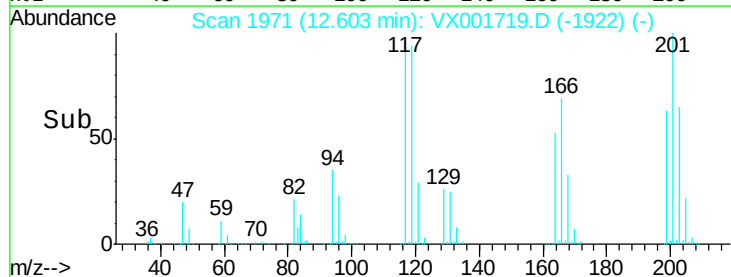
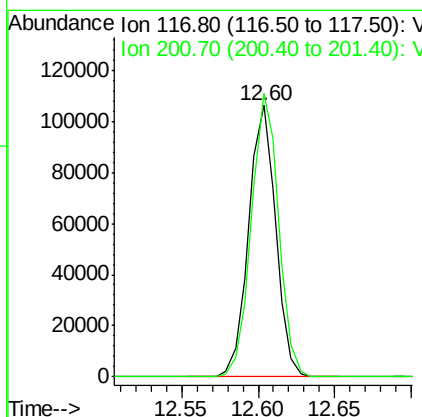
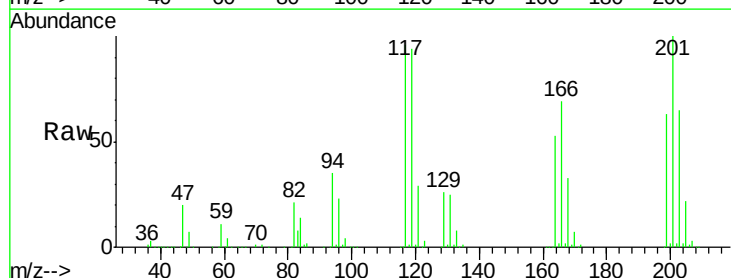
RT: 12.60 min Scan# 1971

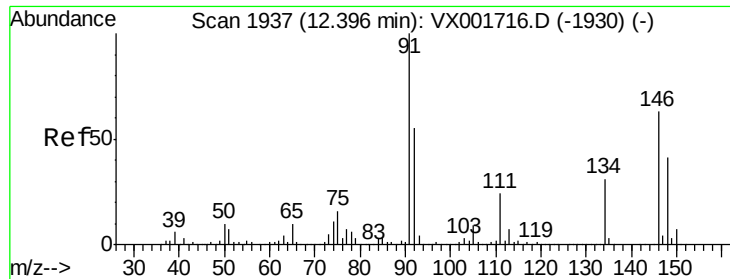
Delta R.T. -0.00 min

Lab File: VX001719.D

Acq: 14 May 2018 19:36

Tgt Ion:	117	Resp:	130311
Ion	Ratio	Lower	Upper
117	100		
201	105.4	51.9	155.7





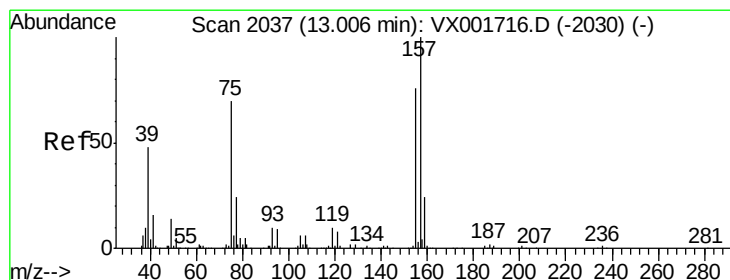
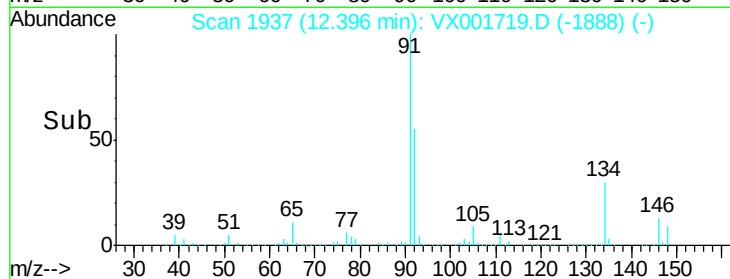
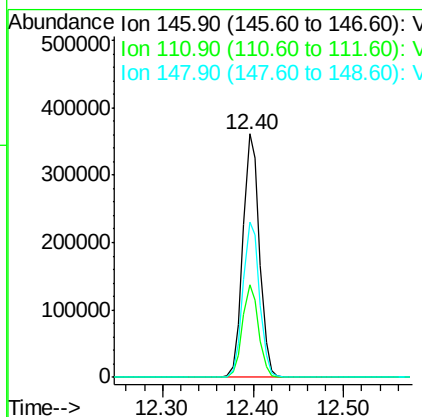
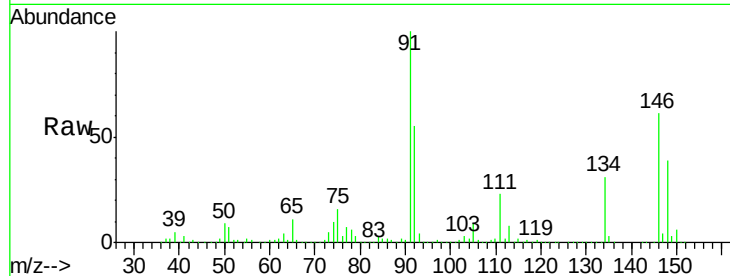
#91
 1,2-Dichlorobenzene
 Concen: 50.40 ug/l
 RT: 12.40 min Scan# 1937
 Delta R.T. 0.00 min
 Lab File: VX001719.D
 Acq: 14 May 2018 19:36

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX051518

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.0	18.6	56.0
148	64.4	32.4	97.0

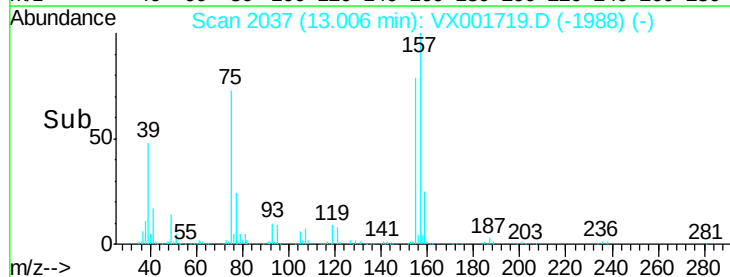
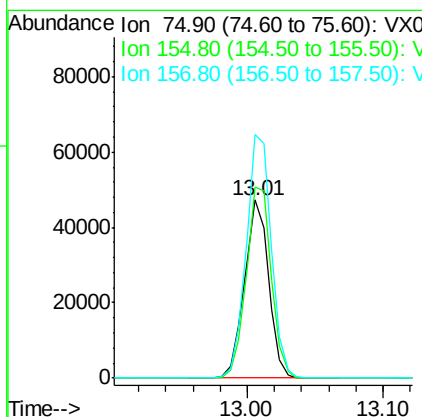
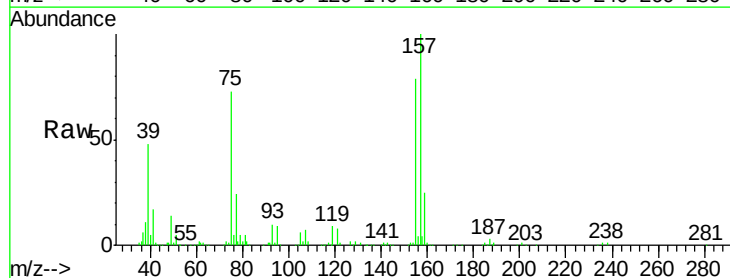
Manual Integrations
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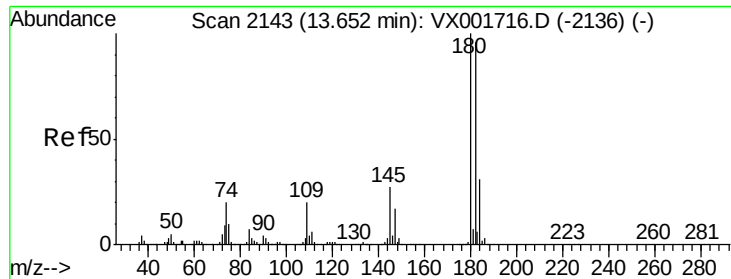
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 55.07 ug/l
 RT: 13.01 min Scan# 2037
 Delta R.T. -0.00 min
 Lab File: VX001719.D
 Acq: 14 May 2018 19:36

Tgt Ion	Ratio	Lower	Upper
75	100		
155	111.5	53.9	161.8
157	141.7	71.0	213.2





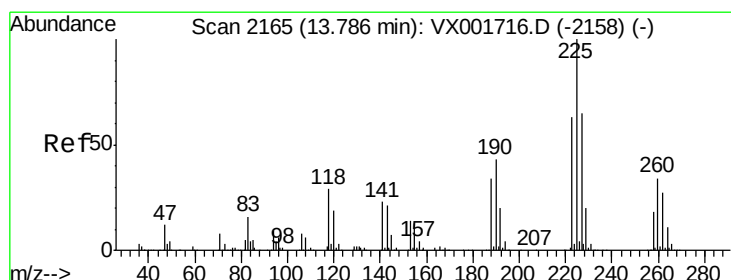
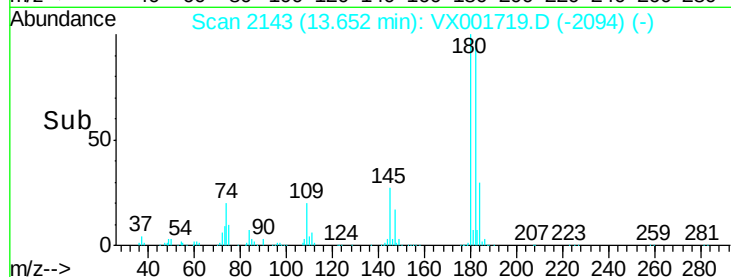
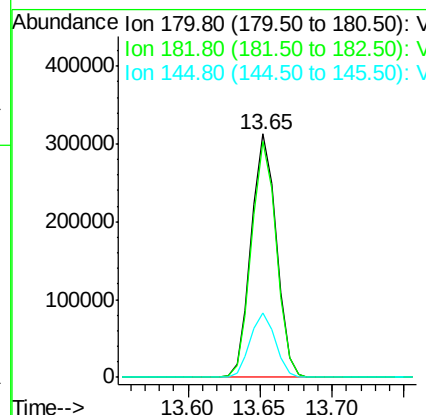
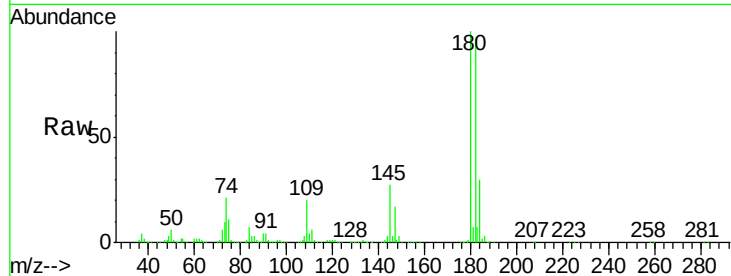
#93
 1,2,4-Trichlorobenzene
 Concen: 52.34 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. -0.00 min
 Lab File: VX001719.D
 Acq: 14 May 2018 19:36

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX051518

Tot Ion	Ratio	Resp	Lower	Upper
180	100	376401		
182	96.0	47.6	142.9	
145	26.7	13.4	40.1	

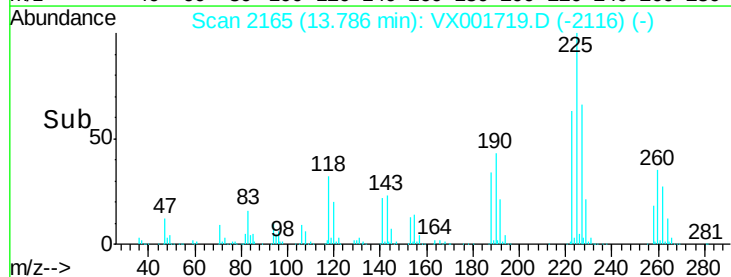
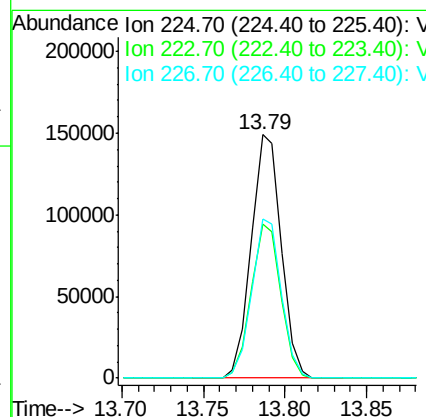
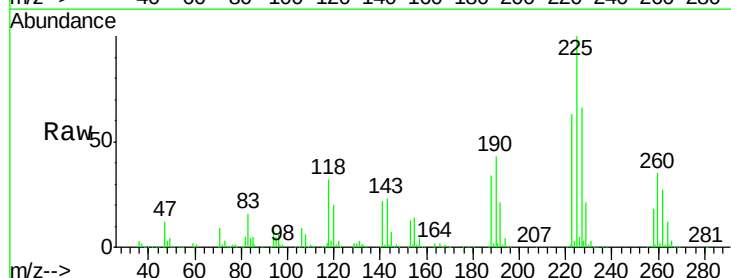
Manual Integrations
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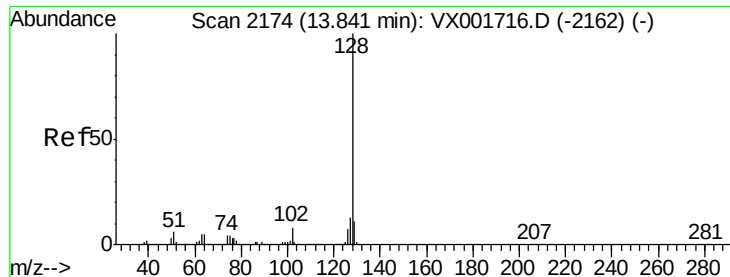
MMDadoda
 5/16/2018 11:54:08 AM



#94
 Hexachlorobutadiene
 Concen: 49.59 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. -0.00 min
 Lab File: VX001719.D
 Acq: 14 May 2018 19:36

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	191463		
223	62.6	31.1	93.5	
227	64.3	31.9	95.5	





#95

Naphthalene

Concen: 54.90 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. -0.00 min

Lab File: VX001719.D

Acq: 14 May 2018 19:36

Instrument :

MSVOA_X

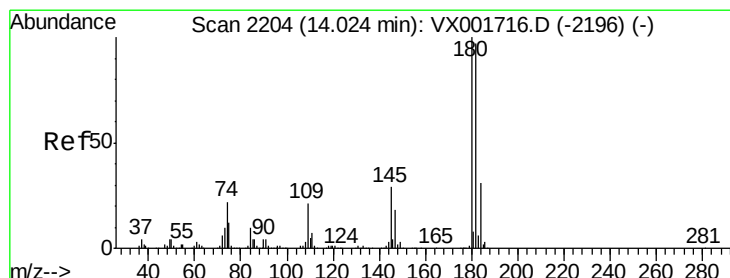
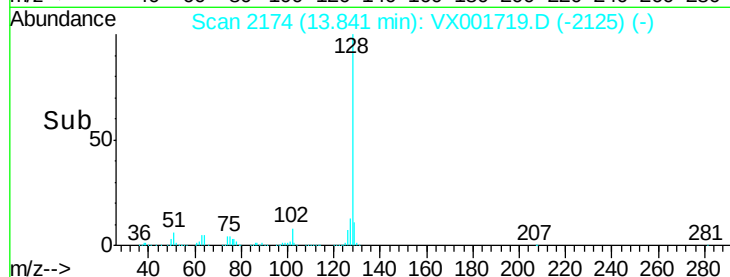
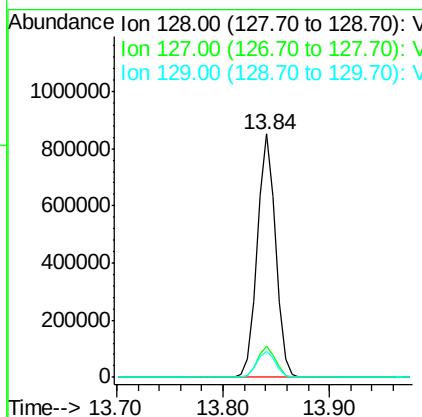
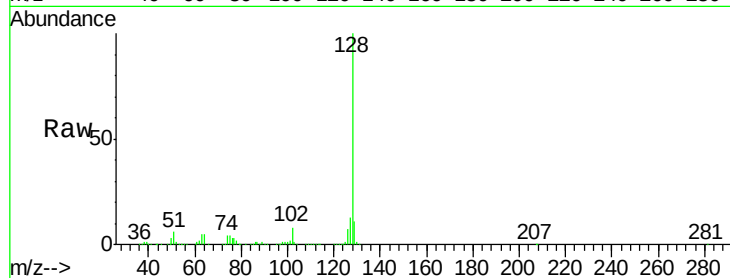
ClientSampleId :

ICVVX051518

Tot Ion:	128	Resp:	1026125
Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.2	15.4
129	10.9	8.9	13.3

Manual Integrations
APPROVED

MMDadoda
5/16/2018 11:54:08 AM



#96

1,2,3-Trichlorobenzene

Concen: 51.61 ug/l

RT: 14.02 min Scan# 2204

Delta R.T. -0.00 min

Lab File: VX001719.D

Acq: 14 May 2018 19:36

Tgt Ion:	180	Resp:	373680
Ion	Ratio	Lower	Upper
180	100		
182	95.2	47.9	143.7
145	28.4	14.2	42.8

