

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX051618\
 Data File : VX001760.D
 Acq On : 16 May 2018 11:17
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 5/17/2018 9:32:10 AM

Quant Time: May 17 03:42:57 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	364227	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	449320	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	379918	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	256396	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	243685	49.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.82%	
35) Dibromofluoromethane	5.51	113	212942	56.16	ug/l	0.00
Spiked Amount	50.000		Recovery	=	112.32%	
50) Toluene-d8	8.72	98	796040	58.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	117.24%	
62) 4-Bromofluorobenzene	11.14	95	260042	53.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.36%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	171193	46.84	ug/l	100
3) Chloromethane	1.32	50	181331	45.93	ug/l	99
4) Vinyl Chloride	1.40	62	195271	45.75	ug/l	100
5) Bromomethane	1.64	94	75084	41.24	ug/l	97
6) Chloroethane	1.72	64	126711	47.13	ug/l	97
7) Trichlorofluoromethane	1.93	101	290083	46.77	ug/l	100
8) Diethyl Ether	2.19	74	116882	45.78	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.38	101	178800	47.88	ug/l	100
10) Methyl Iodide	2.51	142	211072	61.44	ug/l	100
11) Tert butyl alcohol	3.07	59	202334	233.44	ug/l	99
12) 1,1-Dichloroethene	2.37	96	162875	45.24	ug/l	99
13) Acrolein	2.29	56	101626	165.32	ug/l	98
14) Allyl chloride	2.73	41	312268	46.93	ug/l	99
15) Acrylonitrile	3.15	53	491691	225.86	ug/l	99
16) Acetone	2.45	43	492081	256.63	ug/l	99
17) Carbon Disulfide	2.57	76	408125	43.46	ug/l	100
18) Methyl Acetate	2.78	43	267337	47.69	ug/l	99
19) Methyl tert-butyl Ether	3.21	73	556530	45.87	ug/l	100
20) Methylene Chloride	2.86	84	182613	44.49	ug/l	98
21) trans-1,2-Dichloroethene	3.17	96	177096	44.66	ug/l	99
22) Diisopropyl ether	3.87	45	589401	46.17	ug/l	98
23) Vinyl Acetate	3.82	43	1999692	217.42	ug/l	100
24) 1,1-Dichloroethane	3.70	63	319484	45.64	ug/l	99
25) 2-Butanone	4.71	43	714474	243.37	ug/l	97
26) 2,2-Dichloropropane	4.59	77	271840	48.23	ug/l	100
27) cis-1,2-Dichloroethene	4.60	96	205623	45.56	ug/l	100
28) Bromochloromethane	5.02	49	186066	59.83	ug/l	99
29) Tetrahydrofuran	5.17	42	440037	229.95	ug/l	100
30) Chloroform	5.22	83	341581	46.45	ug/l	98
31) Cyclohexane	5.57	56	302880	49.36	ug/l	98
32) 1,1,1-Trichloroethane	5.50	97	301858	47.50	ug/l	99
36) 1,1-Dichloropropene	5.80	75	254214	49.15	ug/l	99
37) Ethyl Acetate	4.87	43	259243	48.09	ug/l	99
38) Carbon Tetrachloride	5.78	117	275470	50.84	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	328728	54.39	ug/l	99
40) Benzene	6.15	78	763221	50.08	ug/l	99
41) Methacrylonitrile	5.07	41	150186	48.18	ug/l	99
42) 1,2-Dichloroethane	6.20	62	266298	48.32	ug/l	99
43) Isopropyl Acetate	6.47	43	411247	48.75	ug/l	99
44) Trichloroethene	7.21	130	235975	49.89	ug/l	100
45) 1,2-Dichloropropane	7.52	63	189564	50.69	ug/l	98
46) Dibromomethane	7.67	93	128302	48.86	ug/l	98
47) Bromodichloromethane	7.90	83	254250	52.18	ug/l	97
48) Methyl methacrylate	7.78	41	221509	49.88	ug/l	98
49) 1,4-Dioxane	7.76	88	93759	1096.57	ug/l	97
51) 4-Methyl-2-Pentanone	8.66	43	1379569	258.03	ug/l	100
52) Toluene	8.79	92	508546	51.93	ug/l	100
53) t-1,3-Dichloropropene	8.44	75	303649	52.97	ug/l	98
54) cis-1,3-Dichloropropene	9.05	75	272802	53.98	ug/l	100
55) 1,1,2-Trichloroethane	9.22	97	198141	52.93	ug/l	99
56) Ethyl methacrylate	9.19	69	285245	53.74	ug/l	99
57) 1,3-Dichloropropane	9.38	76	295346	47.13	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	514745	188.51	ug/l	100
59) 2-Hexanone	9.50	43	962192	251.40	ug/l	99
60) Dibromochloromethane	9.59	129	197176	51.44	ug/l	99
61) 1,2-Dibromoethane	9.68	107	189795	48.43	ug/l	99
64) Tetrachloroethene	9.34	164	255034	51.57	ug/l	97
65) Chlorobenzene	10.14	112	510590	48.86	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	192719	52.21	ug/l	99
67) Ethyl Benzene	10.26	91	854811	51.18	ug/l	100
68) m/p-Xylenes	10.37	106	690478	104.79	ug/l	100
69) o-Xylene	10.70	106	330018	52.30	ug/l	99
70) Styrene	10.71	104	550968	52.94	ug/l	100
71) Bromoform	10.86	173	160252	46.85	ug/l	100
73) Isopropylbenzene	11.02	105	893275	52.90	ug/l	100
74) N-amyl acetate	6.47	43	411247	50.80	ug/l #	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	244213	48.22	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	251143m	51.51	ug/l	
77) Bromobenzene	11.26	156	248110	50.01	ug/l	99
78) n-propylbenzene	11.37	91	1005113	52.84	ug/l	100
79) 2-Chlorotoluene	11.43	91	584267	51.35	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	749088	54.08	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	74001	45.55	ug/l	99
82) 4-Chlorotoluene	11.51	91	683146	50.97	ug/l	99
83) tert-Butylbenzene	11.77	119	732877	53.16	ug/l	100
84) 1,2,4-Trimethylbenzene	11.81	105	773958	53.95	ug/l	100
85) sec-Butylbenzene	11.95	105	917563	53.92	ug/l	100
86) p-Isopropyltoluene	12.07	119	849563	53.96	ug/l	100
87) 1,3-Dichlorobenzene	12.03	146	458569	49.98	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	459545	48.43	ug/l	100
89) n-Butylbenzene	12.39	91	705729	51.82	ug/l	100
90) Hexachloroethane	12.60	117	134754	55.10	ug/l	99
91) 1,2-Dichlorobenzene	12.40	146	458198	50.12	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	55506	51.34	ug/l	99

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ClientSampleId :
VSTDCCC050

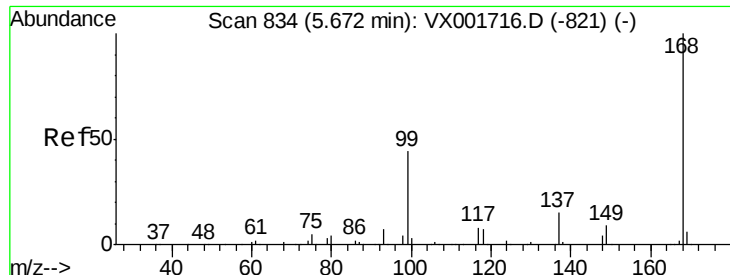
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	360551	49.48	ug/l	99
94) Hexachlorobutadiene	13.79	225	196253	50.16	ug/l	99
95) Naphthalene	13.84	128	965456	50.97	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	365531	49.81	ug/l	100

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



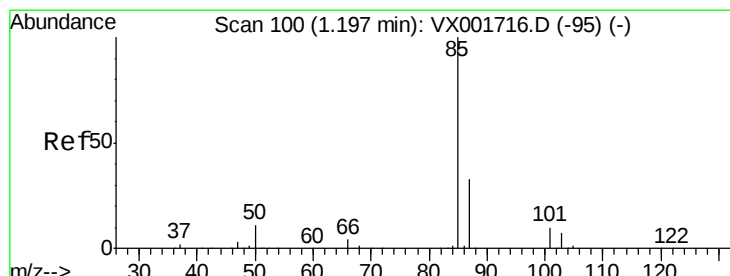
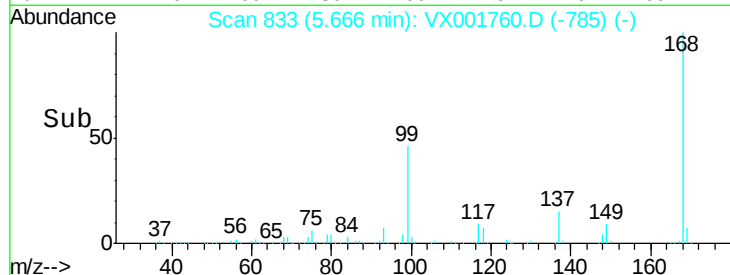
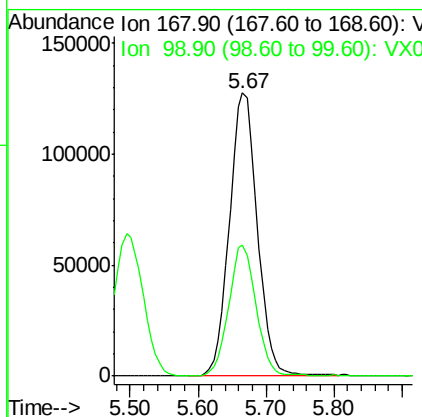
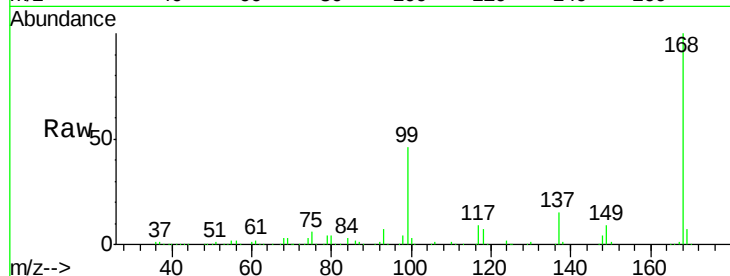
#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.67 min Scan# 833
Delta R.T. -0.01 min
Lab File: VX001760.D
Acq: 16 May 2018 11:17

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
168	100		
99	46.0	35.0	52.4

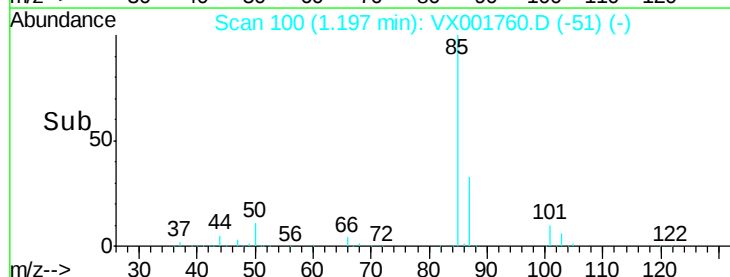
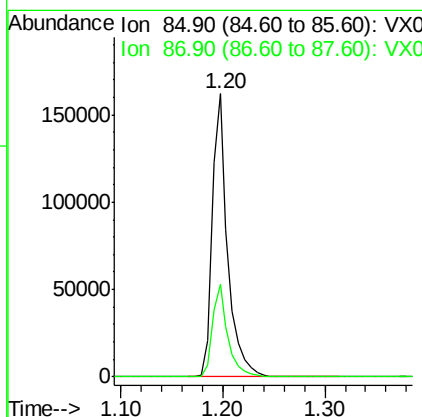
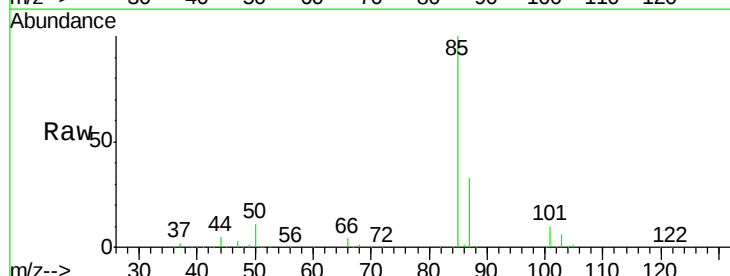
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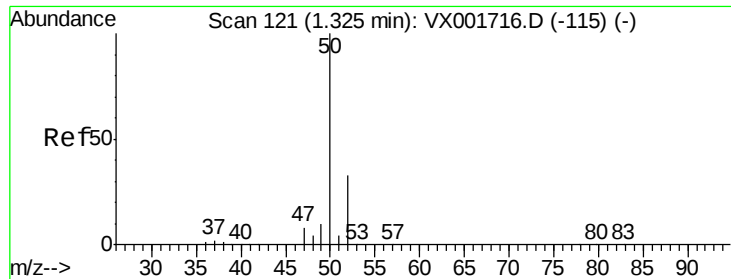
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#2
Dichlorodifluoromethane
Concen: 46.84 ug/l
RT: 1.20 min Scan# 100
Delta R.T. 0.00 min
Lab File: VX001760.D
Acq: 16 May 2018 11:17

Tgt Ion	Ratio	Lower	Upper
85	100		
87	32.9	16.4	49.2





#3

Chloromethane

Concen: 45.93 ug/l

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX001760.D

Acq: 16 May 2018 11:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 50 Resp: 181331

Ion Ratio Lower Upper

50 100

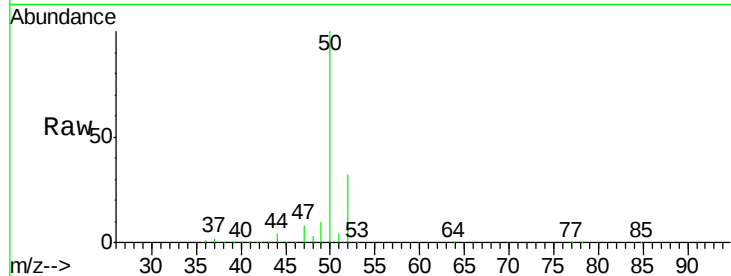
52 32.2 26.3 39.5

Manual Integrations

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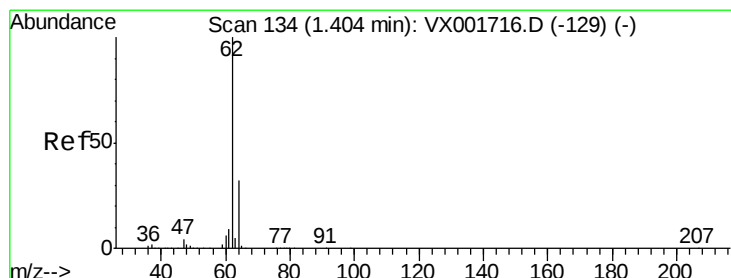
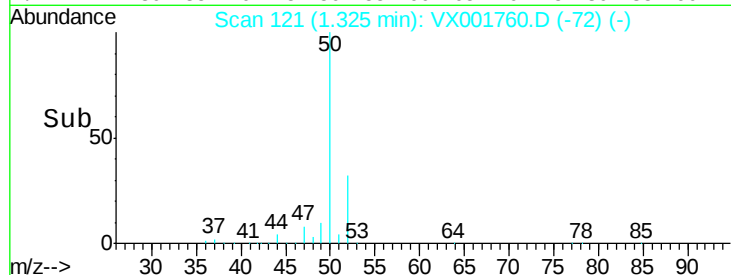
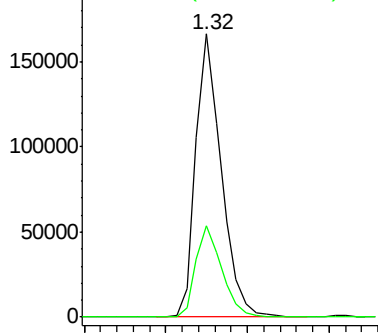
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Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 45.75 ug/l

RT: 1.40 min Scan# 134

Delta R.T. 0.00 min

Lab File: VX001760.D

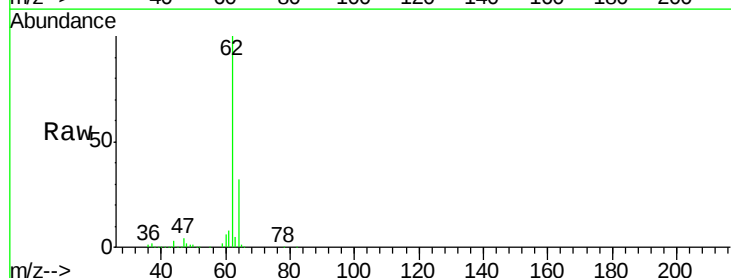
Acq: 16 May 2018 11:17

Tgt Ion: 62 Resp: 195271

Ion Ratio Lower Upper

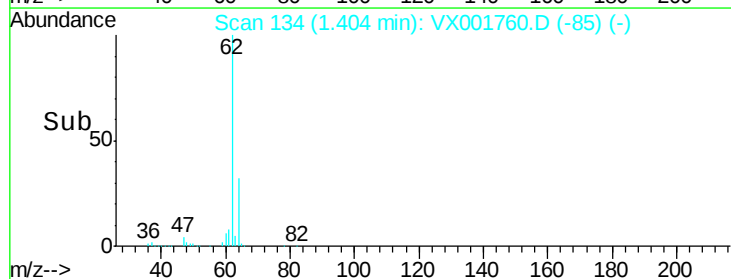
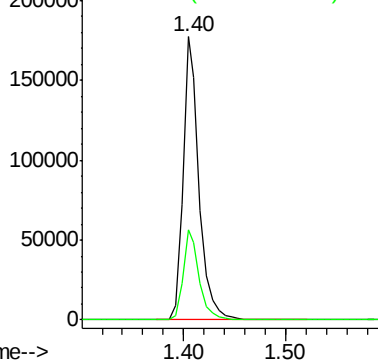
62 100

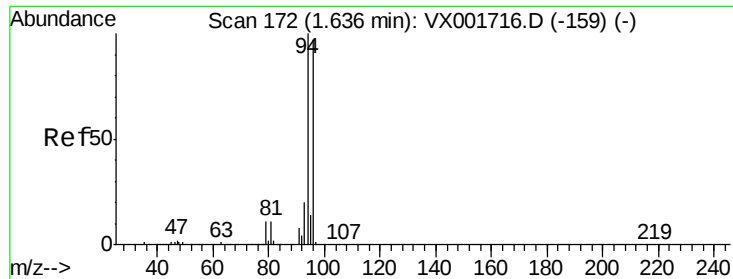
64 31.8 25.6 38.4



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 41.24 ug/l

RT: 1.64 min Scan# 172

Delta R.T. 0.00 min

Lab File: VX001760.D

Acq: 16 May 2018 11:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 94 Resp: 75084

Ion Ratio Lower Upper

94 100

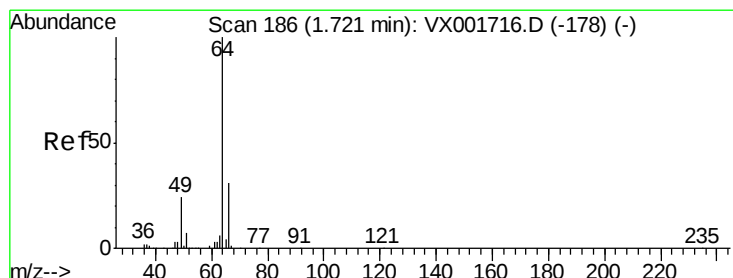
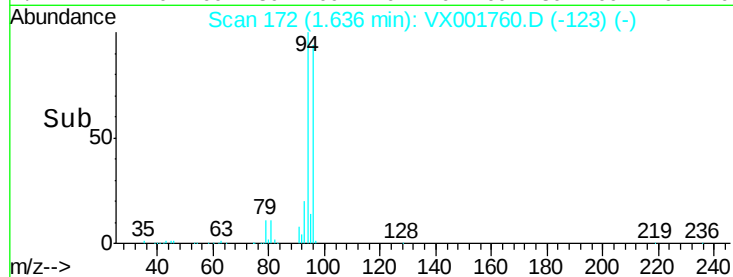
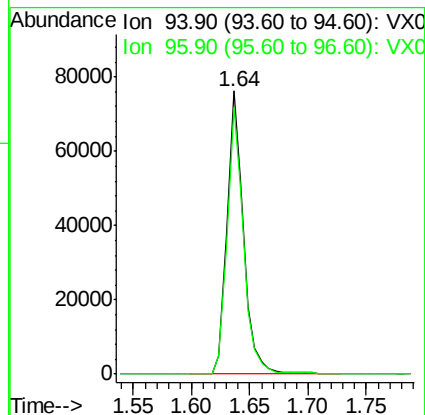
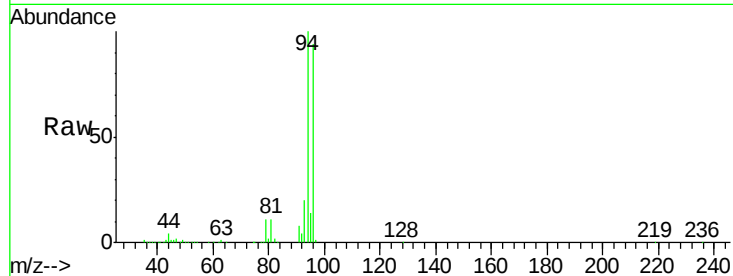
96 94.1 77.4 116.0

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#6

Chloroethane

Concen: 47.13 ug/l

RT: 1.72 min Scan# 186

Delta R.T. 0.00 min

Lab File: VX001760.D

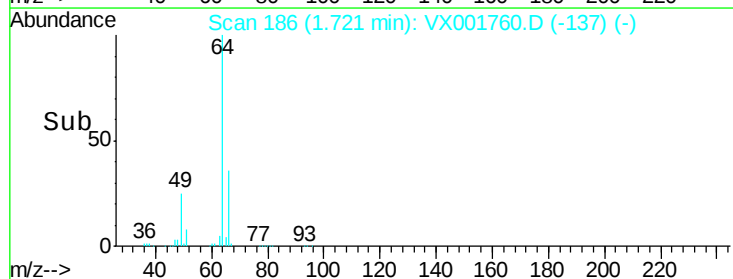
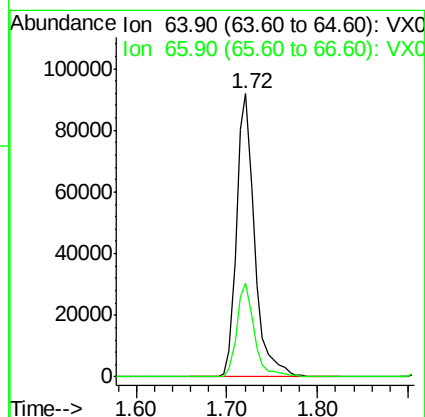
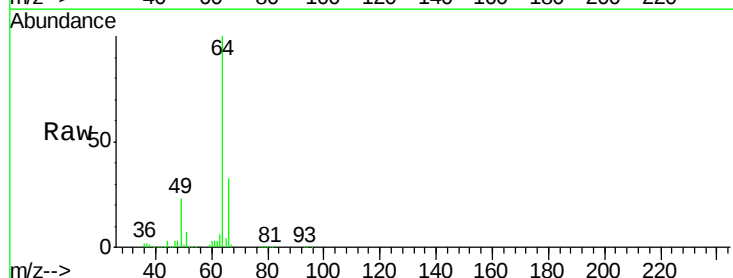
Acq: 16 May 2018 11:17

Tgt Ion: 64 Resp: 126711

Ion Ratio Lower Upper

64 100

66 33.2 25.2 37.8





#7

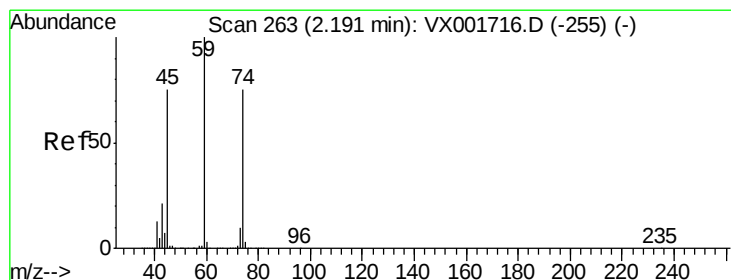
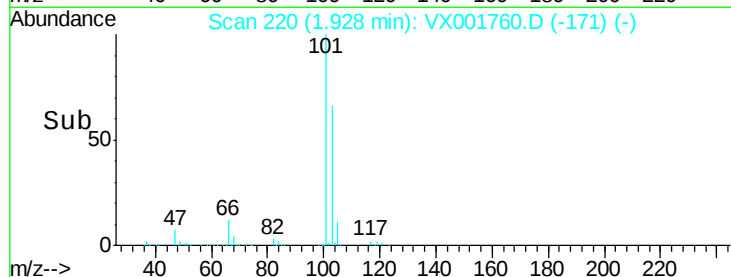
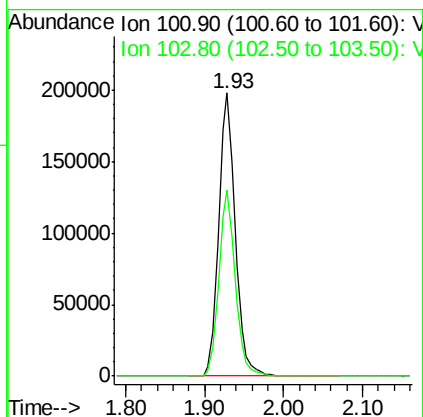
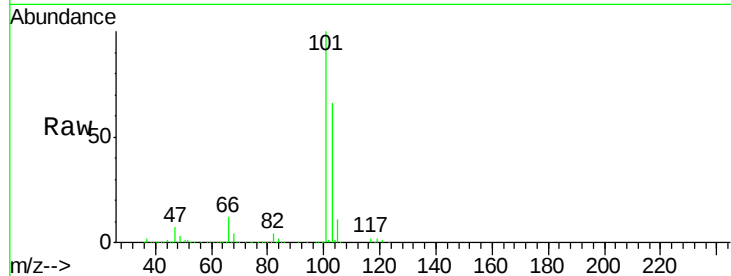
Trichlorofluoromethane
 Concen: 46.77 ug/l
 RT: 1.93 min Scan# 220
 Delta R.T. 0.00 min
 Lab File: VX001760.D
 Acq: 16 May 2018 11:17

Instrument :
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Tot Ion	Ratio	Resp	Lower	Upper
101	100	290083		
103	65.9	52.6	78.8	

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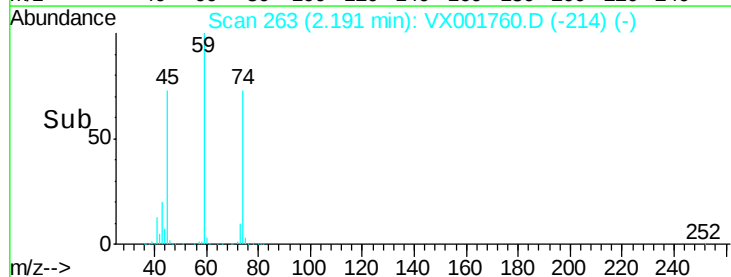
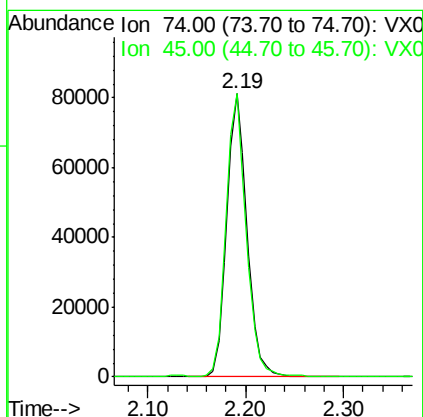
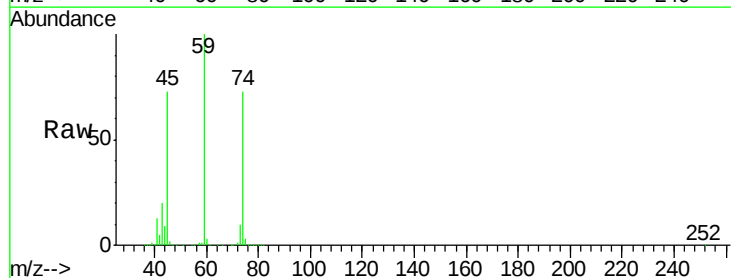
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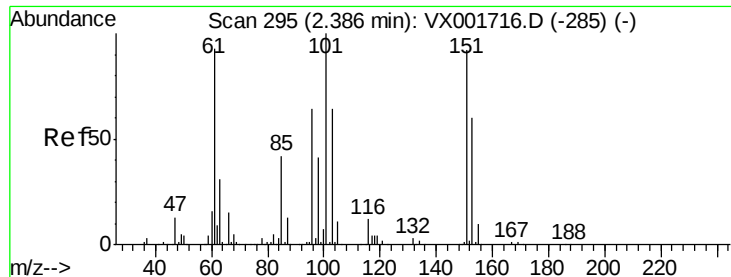


#8

Diethyl Ether
 Concen: 45.78 ug/l
 RT: 2.19 min Scan# 263
 Delta R.T. 0.00 min
 Lab File: VX001760.D
 Acq: 16 May 2018 11:17

Tgt Ion	Ratio	Resp	Lower	Upper
74	100	116882		
45	98.3	50.0	149.8	





#9

1,1,2-Trichlorotrifluoroethane

Concen: 47.88 ug/l

RT: 2.38 min Scan# 294

Delta R.T. -0.01 min

Lab File: VX001760.D

Acq: 16 May 2018 11:17

Instrument :

MSVOA_X

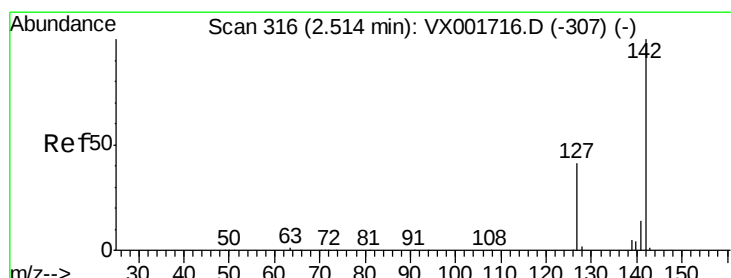
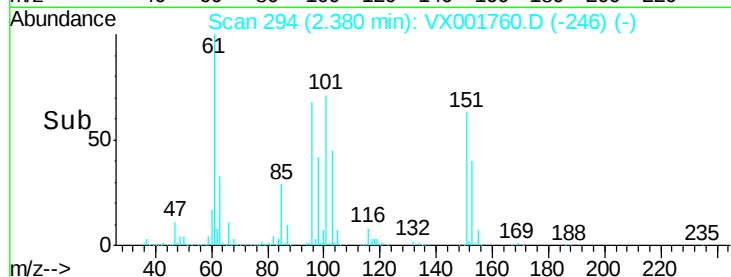
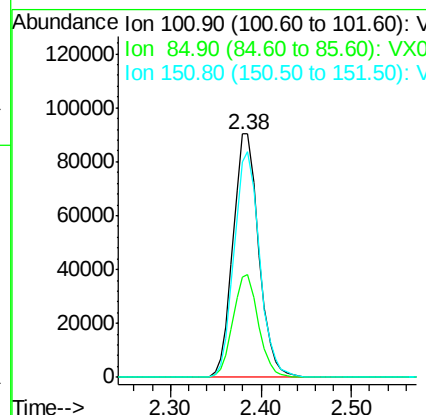
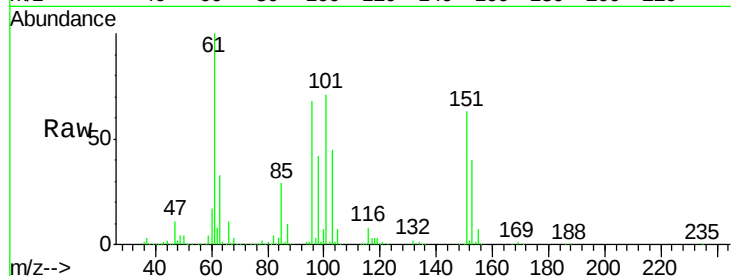
ClientSampleId :

VSTDCCC050

Tot Ion:	101	Resp:	178800
Ion Ratio	Lower	Upper	
101	100		
85	41.8	33.7	50.5
151	91.7	73.0	109.6

Manual Integrations
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#10

Methyl Iodide

Concen: 61.44 ug/l

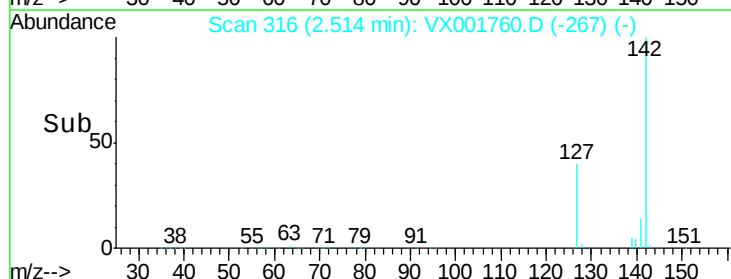
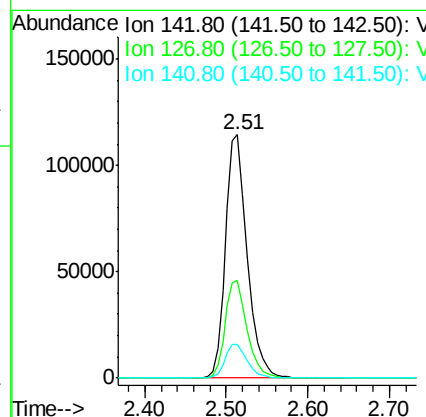
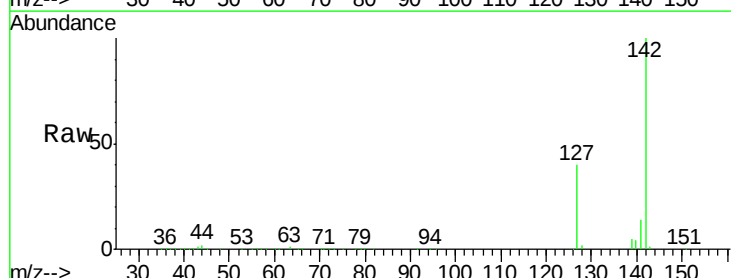
RT: 2.51 min Scan# 316

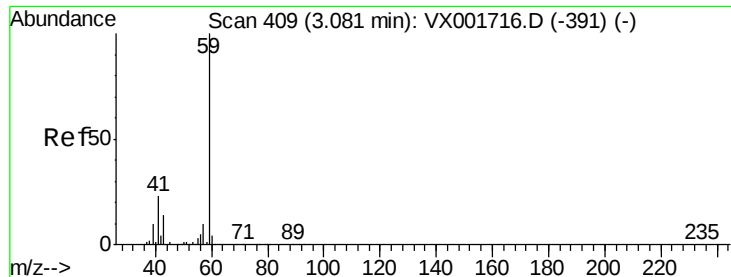
Delta R.T. 0.00 min

Lab File: VX001760.D

Acq: 16 May 2018 11:17

Tgt Ion:	142	Resp:	211072
Ion Ratio	Lower	Upper	
142	100		
127	40.5	32.5	48.7
141	14.2	11.4	17.0





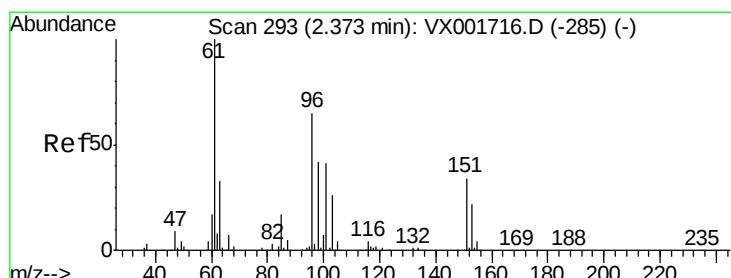
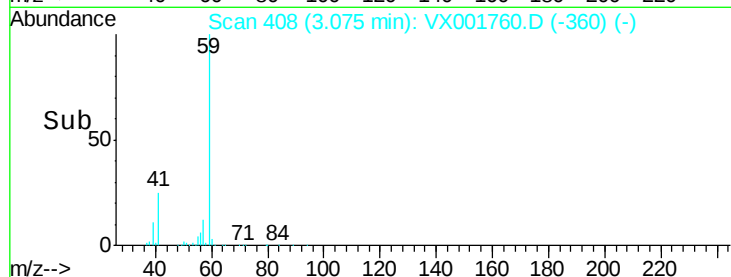
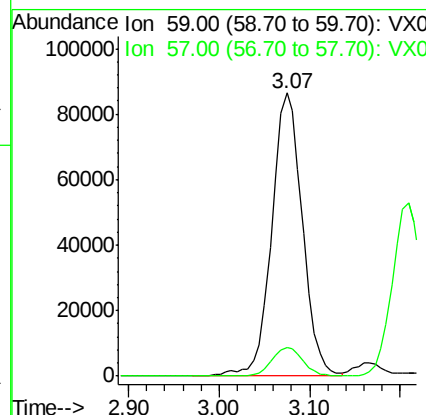
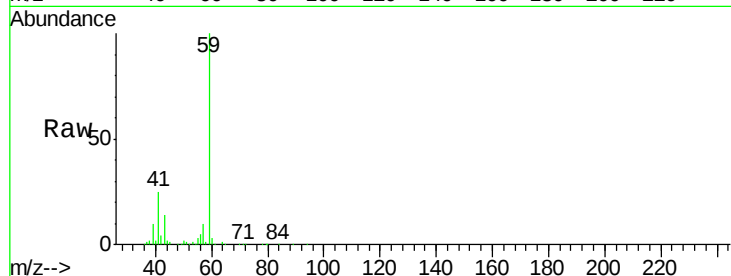
#11
Tert butyl alcohol
Concen: 233.44 ug/l
RT: 3.07 min Scan# 408
Delta R.T. -0.01 min
Lab File: VX001760.D
Acq: 16 May 2018 11:17

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	59	Resp	202334
Ion Ratio	100	Lower	Upper
57	10.2	8.5	12.7

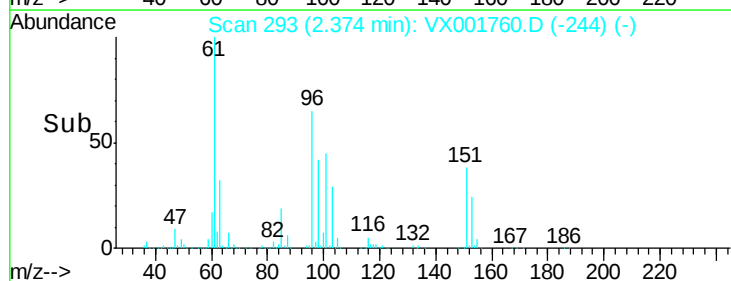
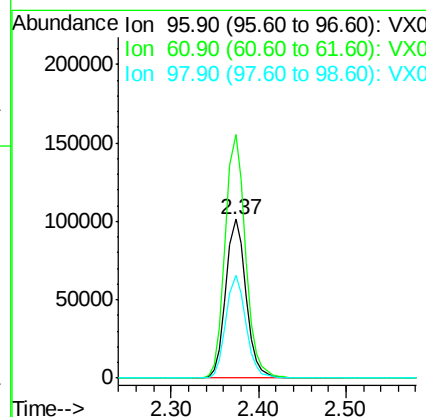
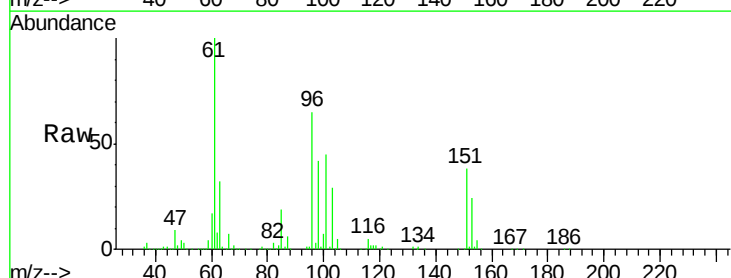
Manual Integrations
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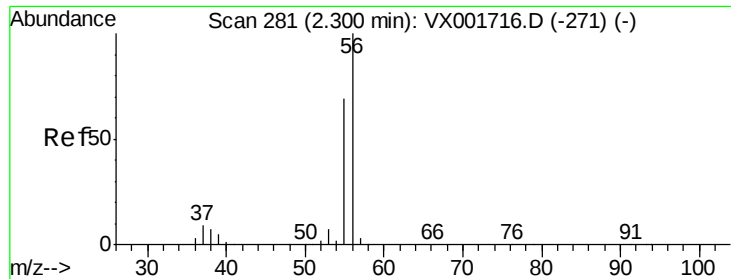
MMDadoda
5/17/2018 9:32:10 AM



#12
1,1-Dichloroethene
Concen: 45.24 ug/l
RT: 2.37 min Scan# 293
Delta R.T. 0.00 min
Lab File: VX001760.D
Acq: 16 May 2018 11:17

Tgt Ion	96	Resp	162875
Ion Ratio	100	Lower	Upper
61	153.5	122.2	183.2
98	64.8	51.4	77.0





#13

Acrolein

Concen: 165.32 ug/l

RT: 2.29 min Scan# 280

Delta R.T. -0.01 min

Lab File: VX001760.D

Acq: 16 May 2018 11:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 56 Resp: 101626

Ion Ratio Lower Upper

56 100

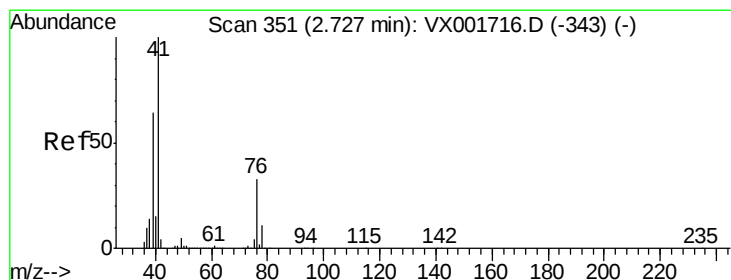
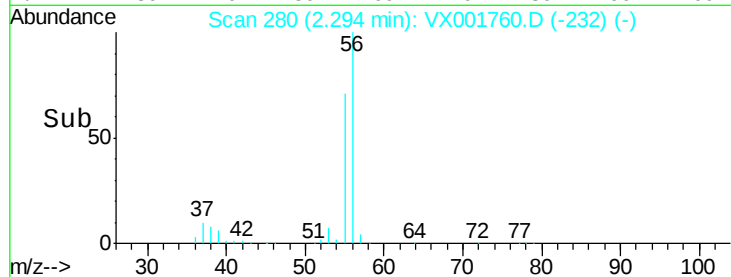
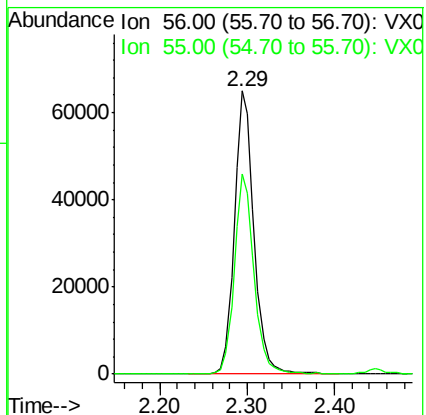
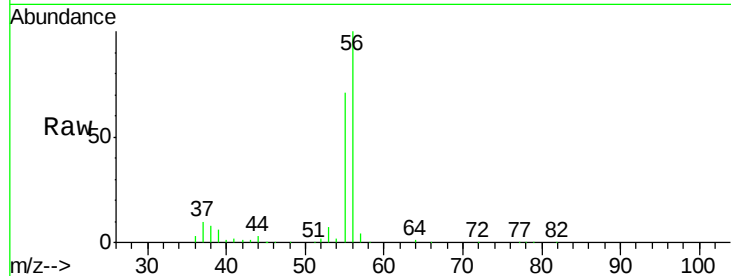
55 71.6 56.2 84.2

Manual Integrations

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#14

Allyl chloride

Concen: 46.93 ug/l

RT: 2.73 min Scan# 351

Delta R.T. 0.00 min

Lab File: VX001760.D

Acq: 16 May 2018 11:17

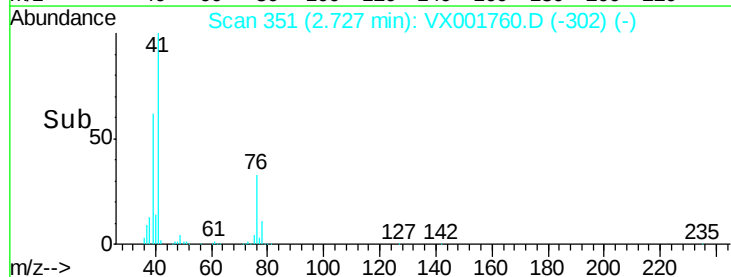
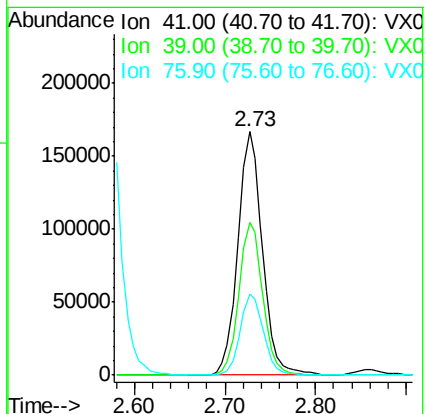
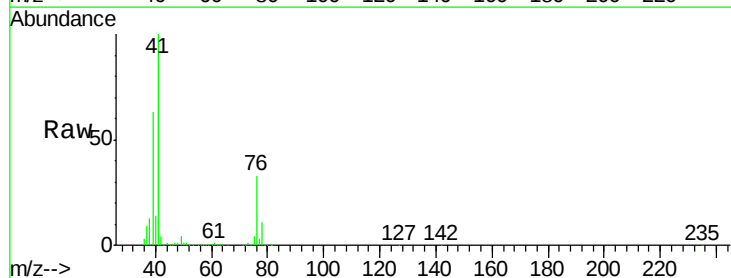
Tgt Ion: 41 Resp: 312268

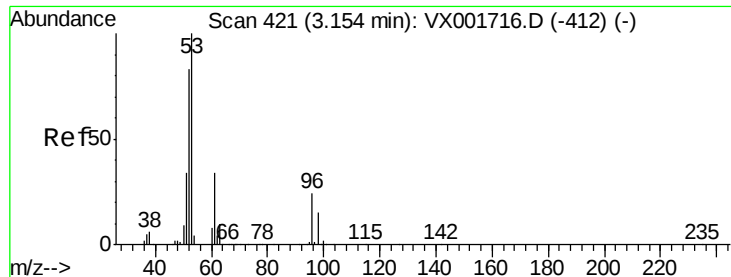
Ion Ratio Lower Upper

41 100

39 60.9 49.8 74.6

76 31.7 25.8 38.8





#15

Acrylonitrile

Concen: 225.86 ug/l

RT: 3.15 min Scan# 421

Delta R.T. 0.00 min

Lab File: VX001760.D

Acq: 16 May 2018 11:17

Instrument :

MSVOA_X

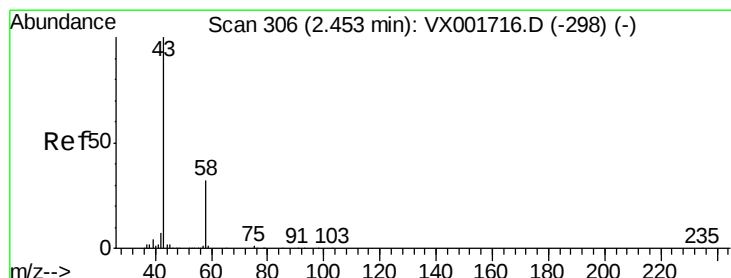
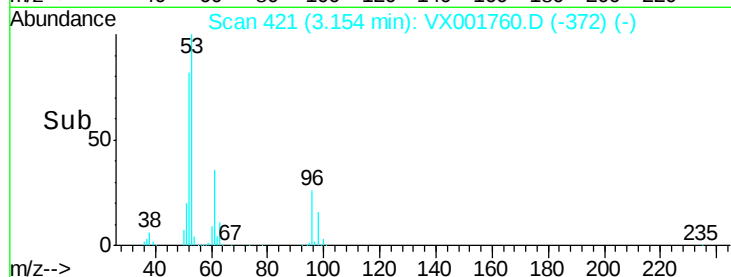
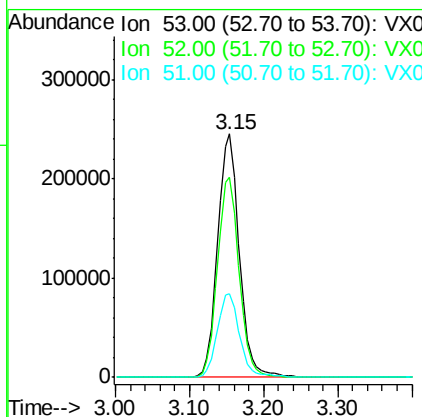
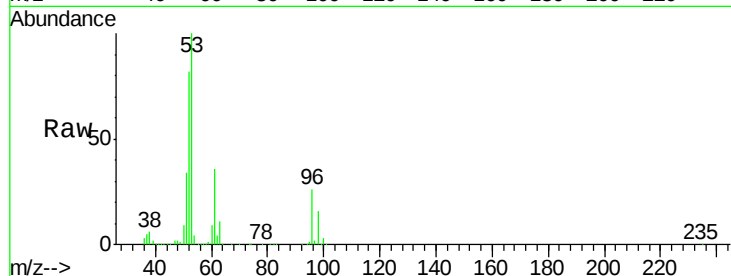
ClientSampleId :

VSTDCCC050

Tot Ion:	53	Resp:	491691
Ion Ratio		Lower	Upper
53	100		
52	82.4	65.6	98.4
51	35.5	28.1	42.1

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#16

Acetone

Concen: 256.63 ug/l

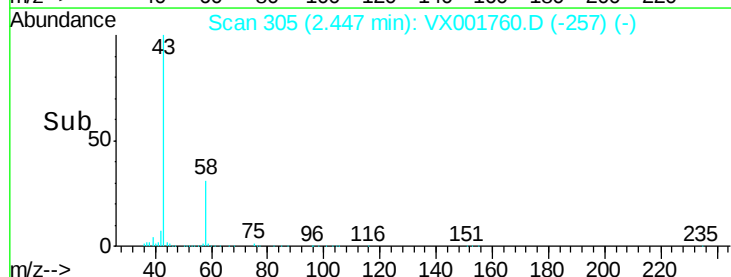
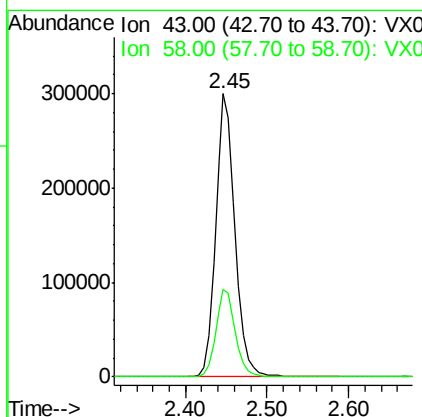
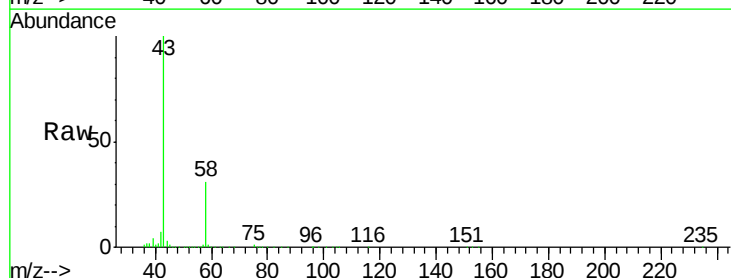
RT: 2.45 min Scan# 305

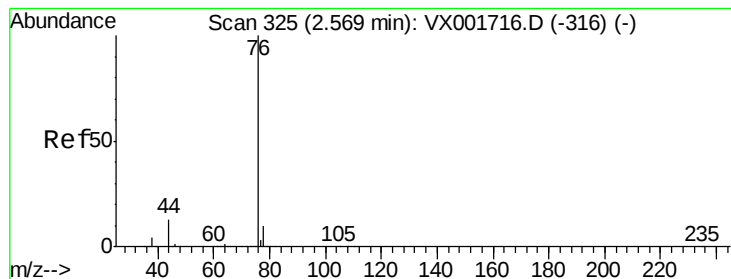
Delta R.T. -0.01 min

Lab File: VX001760.D

Acq: 16 May 2018 11:17

Tgt Ion:	43	Resp:	492081
Ion Ratio		Lower	Upper
43	100		
58	31.1	25.3	37.9





#17

Carbon Disulfide

Concen: 43.46 ug/l

RT: 2.57 min Scan# 325

Delta R.T. 0.00 min

Lab File: VX001760.D

Acq: 16 May 2018 11:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 76 Resp: 408125

Ion Ratio Lower Upper

76 100

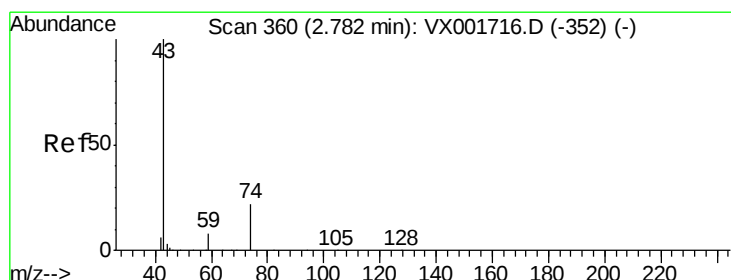
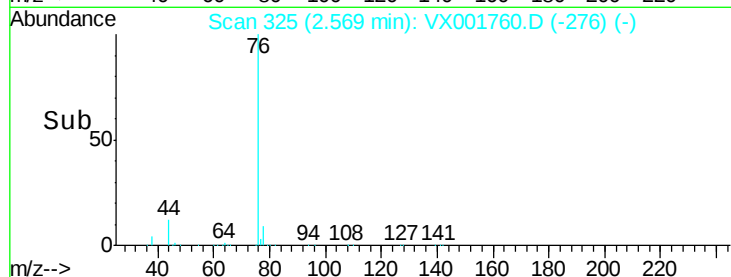
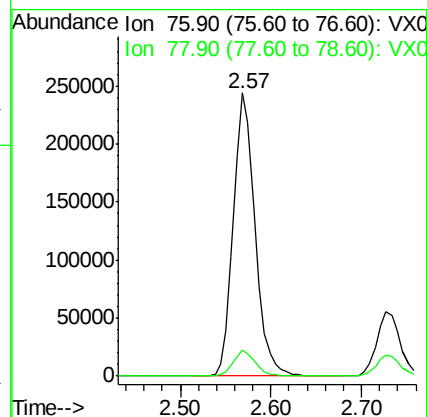
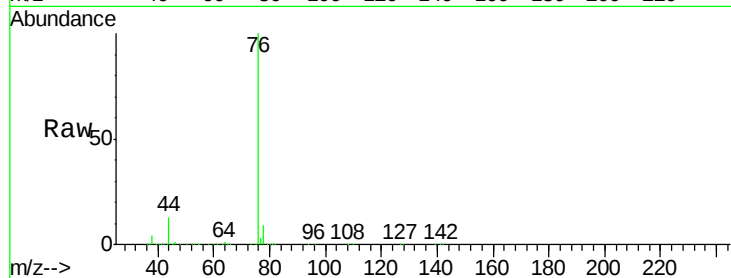
78 9.4 7.6 11.4

Manual Integrations

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#18

Methyl Acetate

Concen: 47.69 ug/l

RT: 2.78 min Scan# 360

Delta R.T. 0.00 min

Lab File: VX001760.D

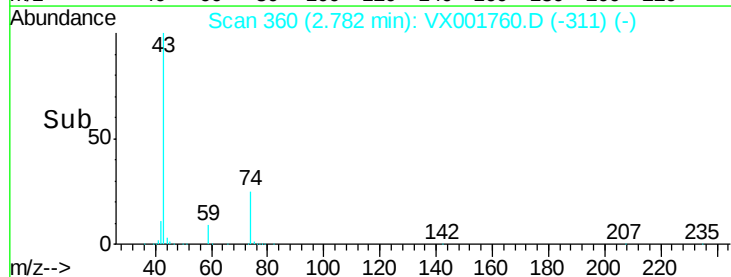
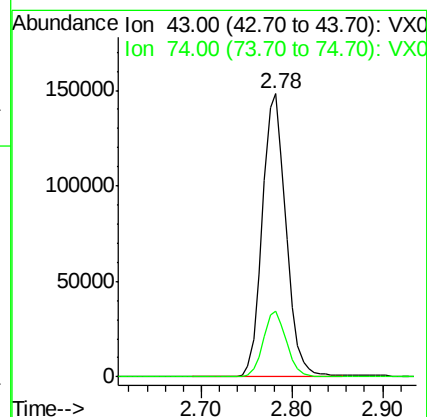
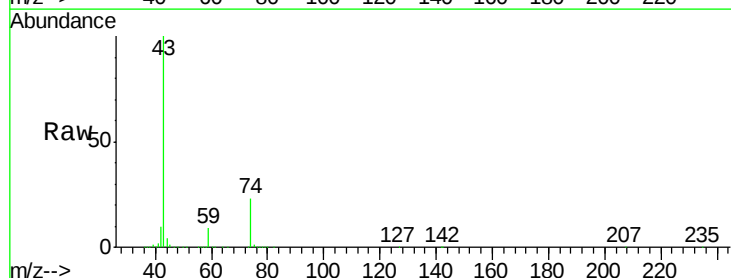
Acq: 16 May 2018 11:17

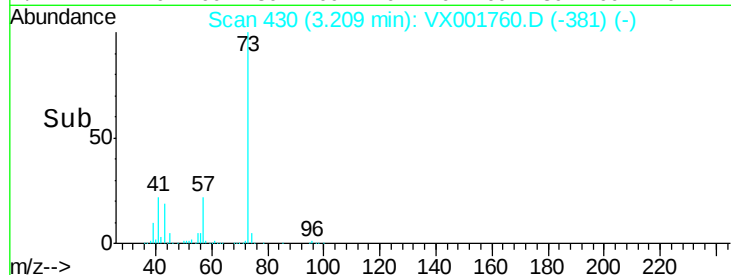
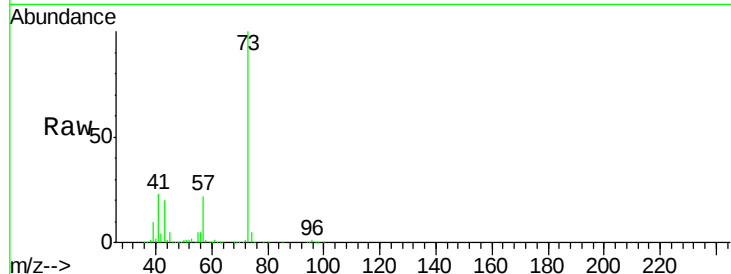
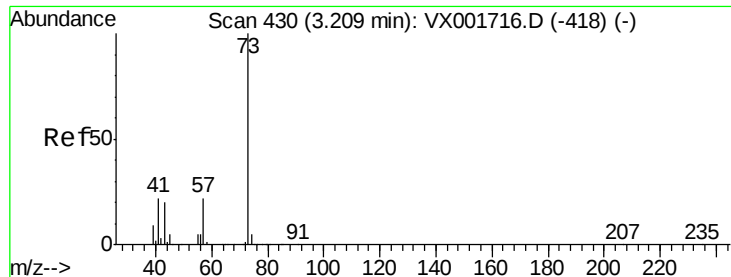
Tgt Ion: 43 Resp: 267337

Ion Ratio Lower Upper

43 100

74 23.2 18.2 27.2





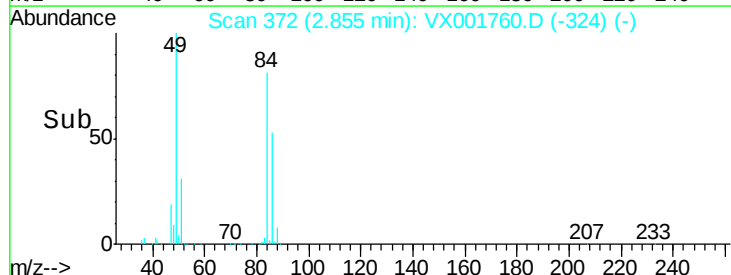
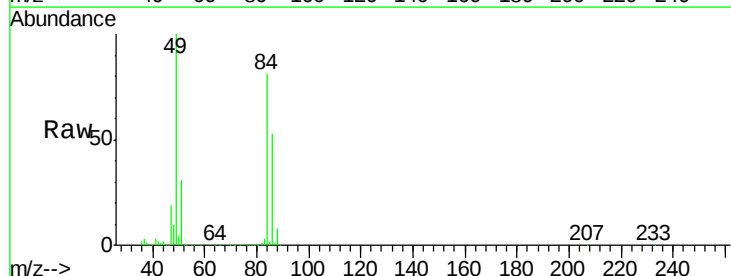
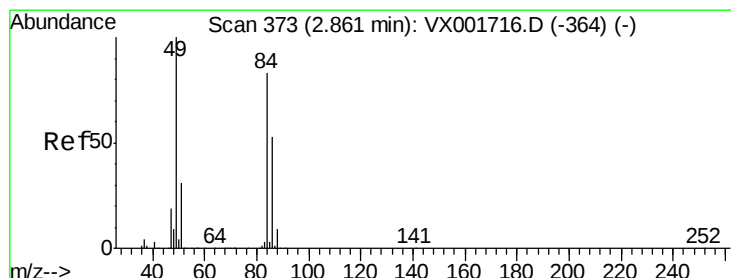
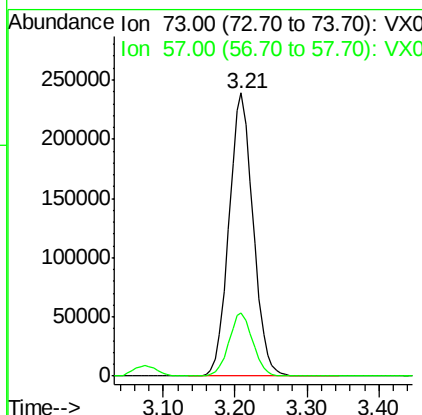
#19
Methvl tert-butvl Ether
Concen: 45.87 ug/l
RT: 3.21 min Scan# 430
Delta R.T. 0.00 min
Lab File: VX001760.D
Acq: 16 May 2018 11:17

Tot Ion	Ratio	Lower	Upper
73	100		
57	22.1	17.5	26.3

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

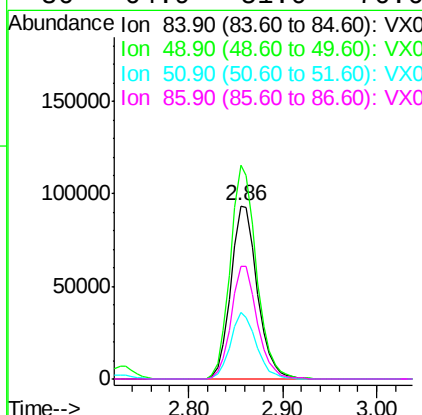
Manual Integrations
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#20
Methylene Chloride
Concen: 44.49 ug/l
RT: 2.86 min Scan# 372
Delta R.T. -0.01 min
Lab File: VX001760.D
Acq: 16 May 2018 11:17

Tgt Ion	Ratio	Lower	Upper
84	100		
49	123.3	96.3	144.5
51	38.6	29.8	44.6
86	64.9	51.0	76.6





#21

trans-1,2-Dichloroethene

Concen: 44.66 ug/l

RT: 3.17 min Scan# 423

Delta R.T. 0.00 min

Lab File: VX001760.D

Acq: 16 May 2018 11:17

Instrument :

MSVOA_X

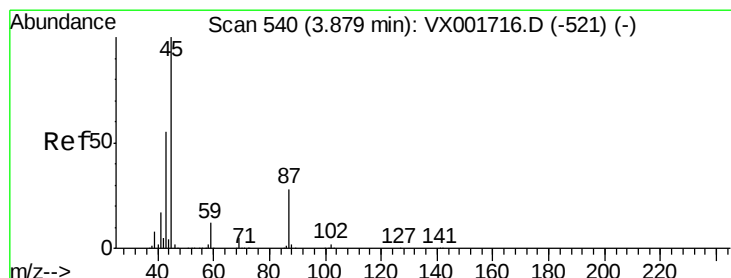
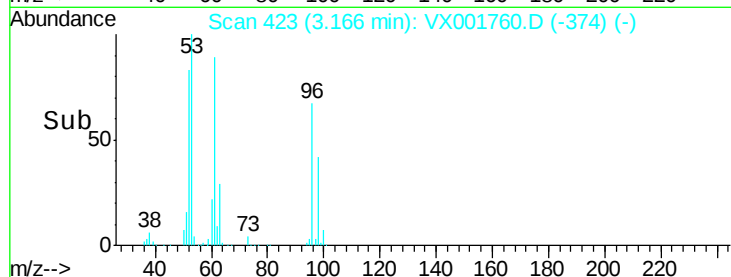
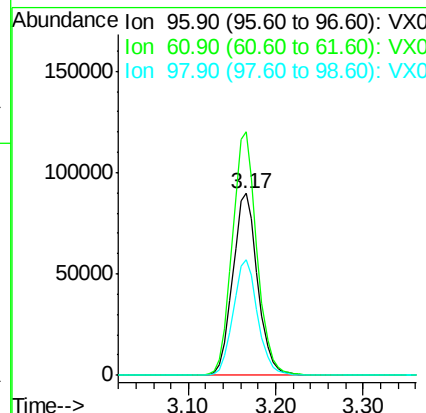
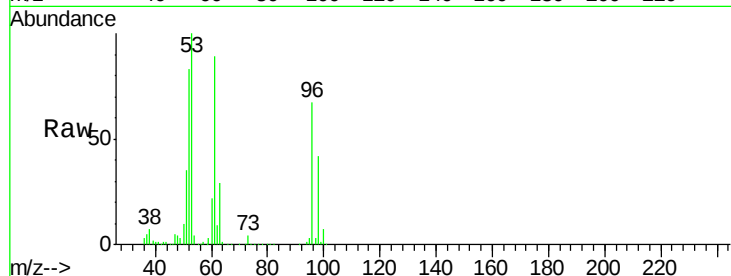
ClientSampleId :

VSTDCCC050

Tot Ion:	96	Resp:	177096
Ion	Ratio	Lower	Upper
96	100		
61	133.9	105.8	158.8
98	63.4	50.2	75.4

Manual Integrations
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#22

Diisopropyl ether

Concen: 46.17 ug/l

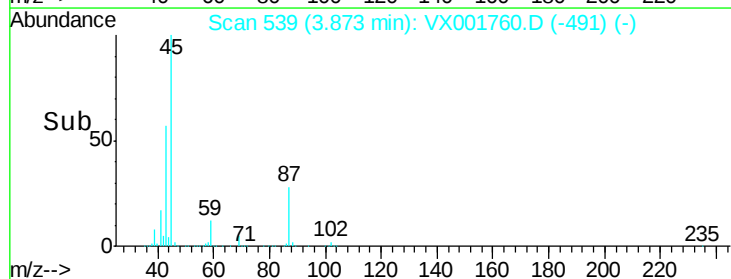
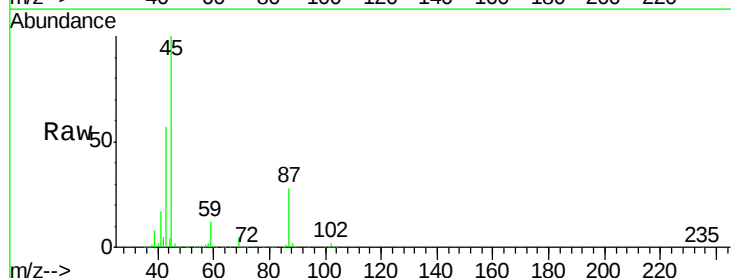
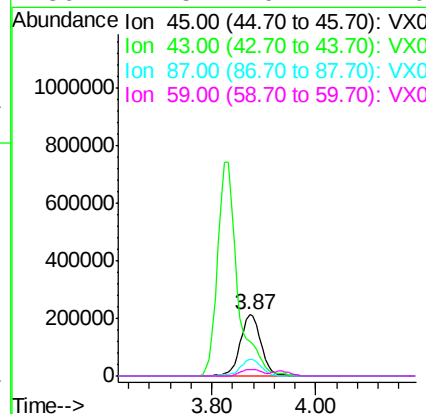
RT: 3.87 min Scan# 539

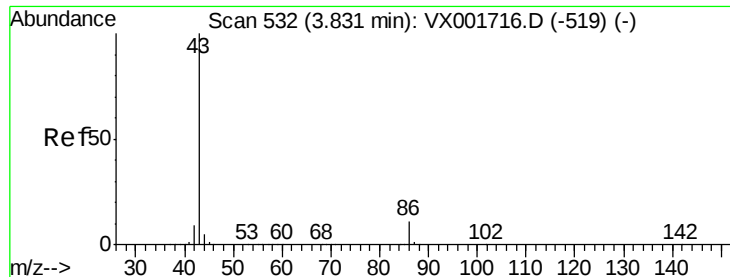
Delta R.T. -0.01 min

Lab File: VX001760.D

Acq: 16 May 2018 11:17

Tgt Ion:	45	Resp:	589401
Ion	Ratio	Lower	Upper
45	100		
43	57.3	44.3	66.5
87	27.6	22.6	33.8
59	11.5	9.4	14.0





#23

Vinyl Acetate

Concen: 217.42 ug/l

RT: 3.82 min Scan# 531

Delta R.T. -0.01 min

Lab File: VX001760.D

Acq: 16 May 2018 11:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 1999692

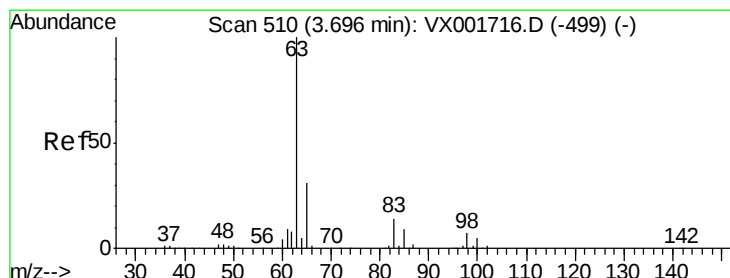
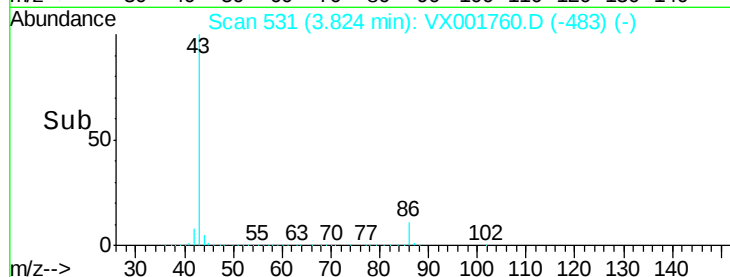
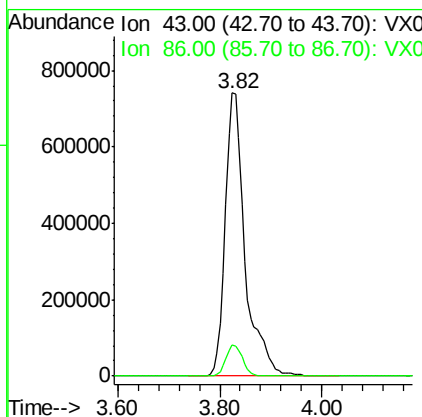
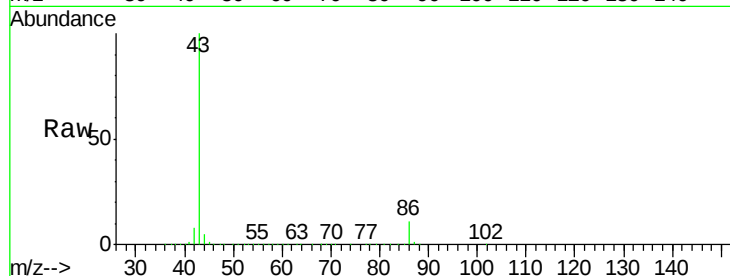
Ion Ratio Lower Upper

43 100

86 11.0 8.7 13.1

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#24

1,1-Dichloroethane

Concen: 45.64 ug/l

RT: 3.70 min Scan# 510

Delta R.T. 0.00 min

Lab File: VX001760.D

Acq: 16 May 2018 11:17

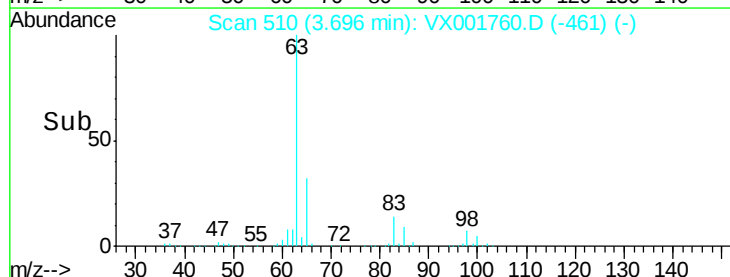
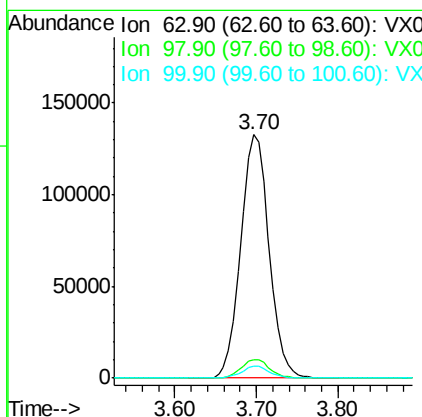
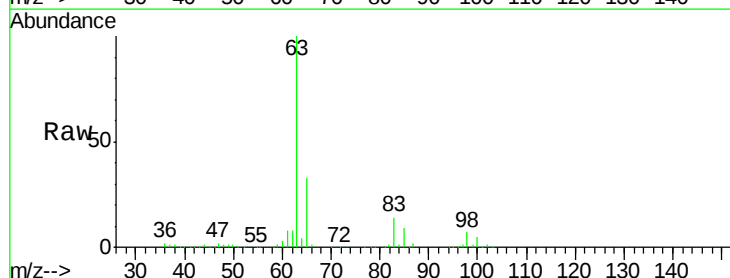
Tgt Ion: 63 Resp: 319484

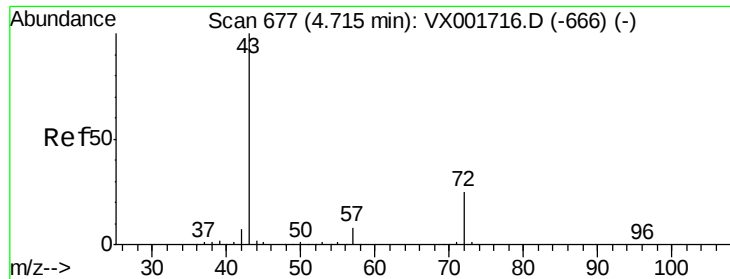
Ion Ratio Lower Upper

63 100

98 7.4 3.7 11.1

100 5.2 2.4 7.2





#25

2-Butanone

Concen: 243.37 ug/l

RT: 4.71 min Scan# 676

Delta R.T. -0.01 min

Lab File: VX001760.D

Acq: 16 May 2018 11:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 714474

Ion Ratio Lower Upper

43 100

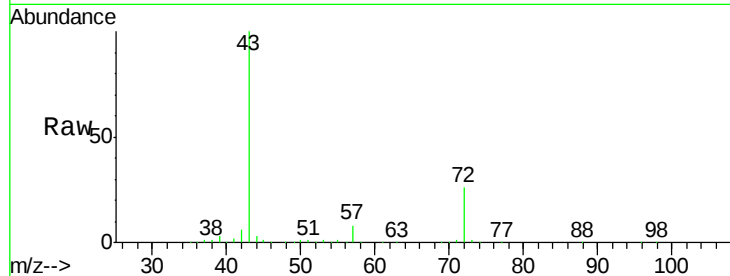
72 26.2 19.8 29.6

Manual Integrations

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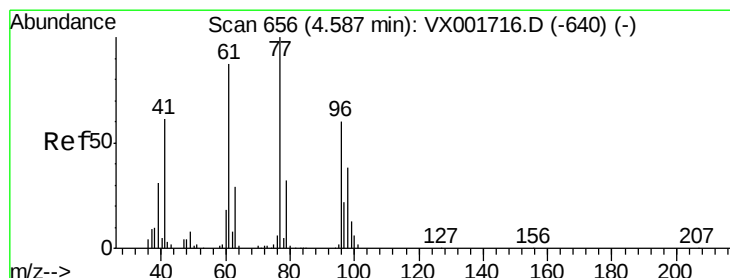
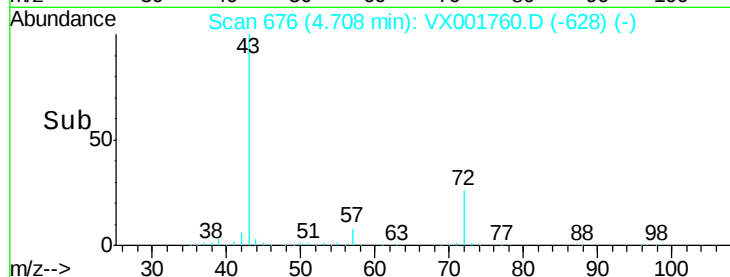
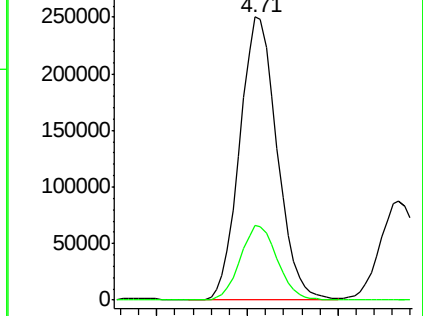
MMDadoda

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 48.23 ug/l

RT: 4.59 min Scan# 656

Delta R.T. 0.00 min

Lab File: VX001760.D

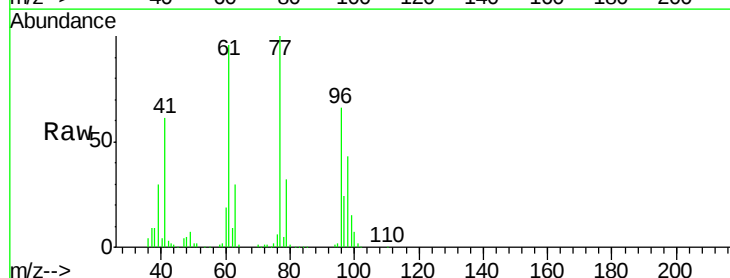
Acq: 16 May 2018 11:17

Tgt Ion: 77 Resp: 271840

Ion Ratio Lower Upper

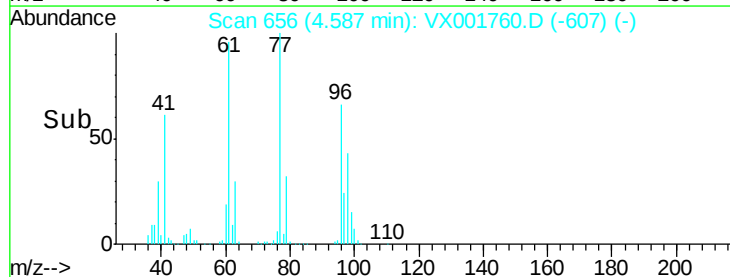
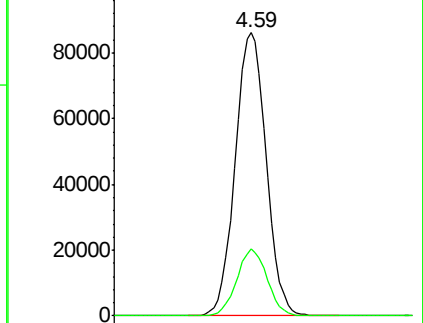
77 100

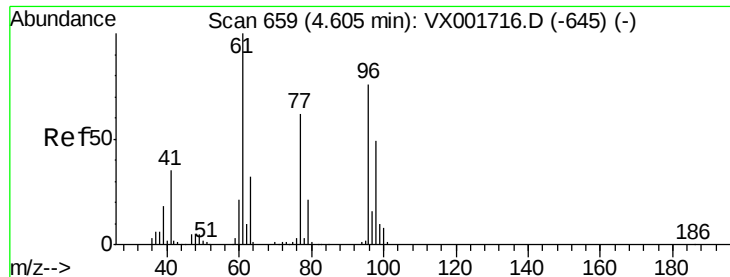
97 23.2 11.6 34.8



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0





#27

cis-1,2-Dichloroethene

Concen: 45.56 ug/l

RT: 4.60 min Scan# 658

Delta R.T. -0.01 min

Lab File: VX001760.D

Acq: 16 May 2018 11:17

Tot Ion:	96	Resp:	205623
Ion	Ratio	Lower	Upper
96	100		
61	140.2	0.0	280.4
98	65.1	0.0	128.4

Instrument :

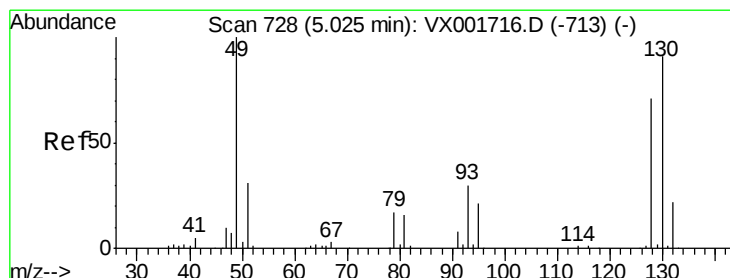
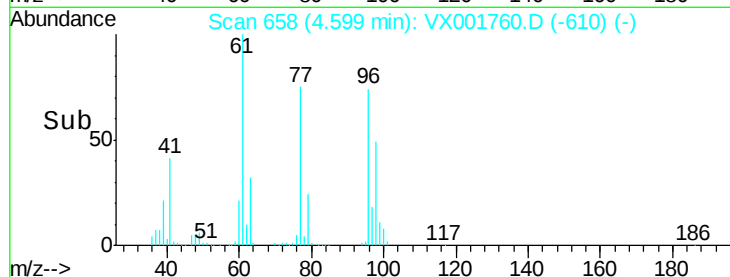
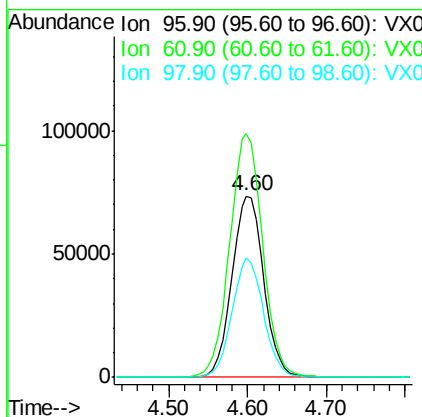
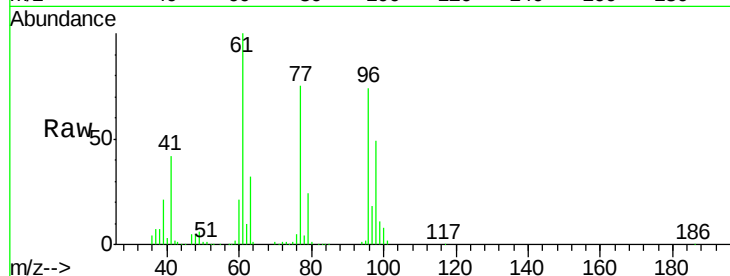
MSVOA_X

ClientSampleId :

VSTDCCC050

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#28

Bromochloromethane

Concen: 59.83 ug/l

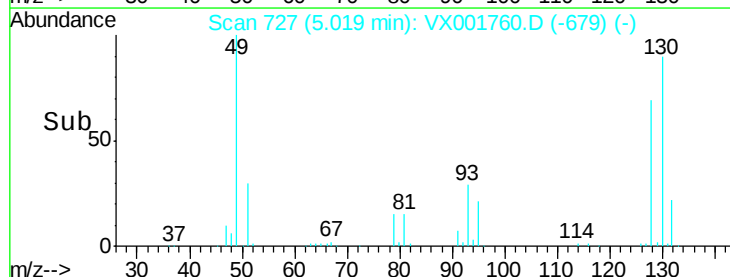
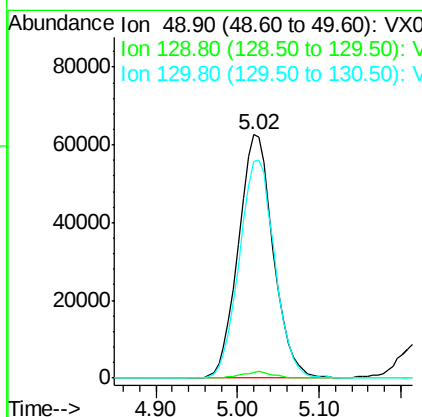
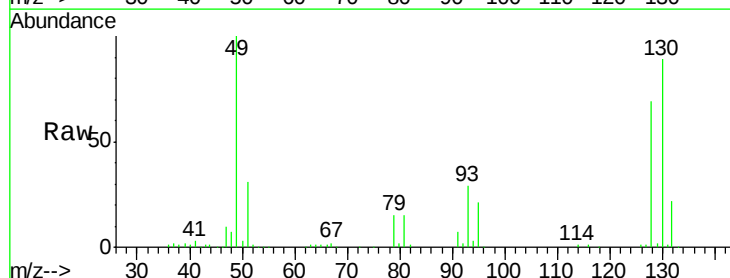
RT: 5.02 min Scan# 727

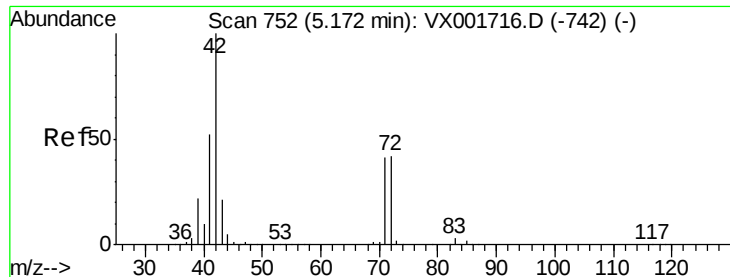
Delta R.T. -0.01 min

Lab File: VX001760.D

Acq: 16 May 2018 11:17

Tgt Ion:	49	Resp:	186066
Ion	Ratio	Lower	Upper
49	100		
129	2.4	0.0	5.0
130	90.9	71.8	107.6





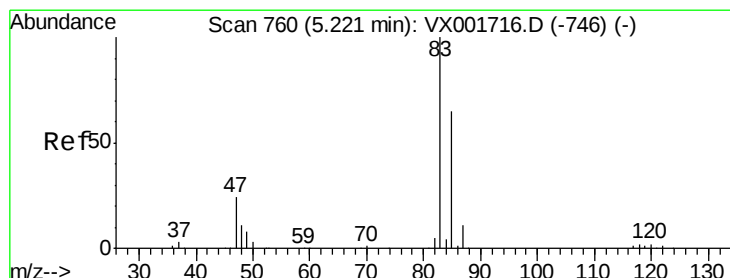
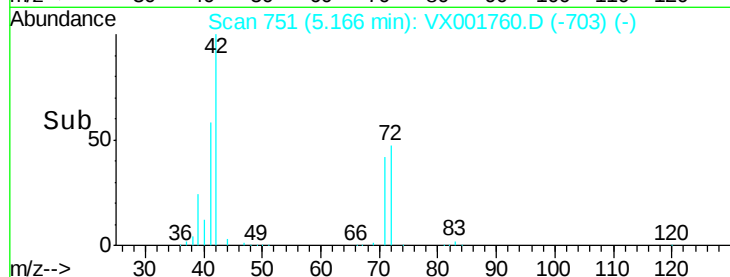
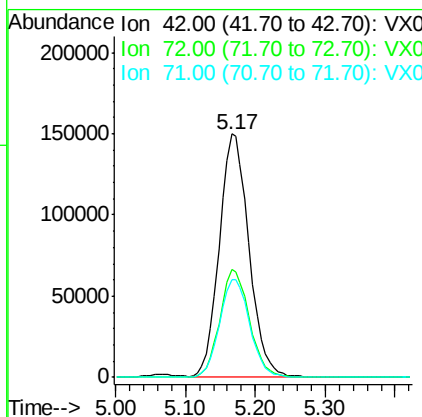
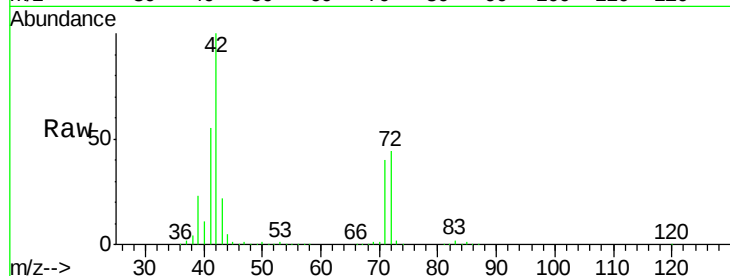
#29
Tetrahydrofuran
Concen: 229.95 ug/l
RT: 5.17 min Scan# 751
Delta R.T. -0.01 min
Lab File: VX001760.D
Acq: 16 May 2018 11:17

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
42	100		
72	44.4	35.4	53.2
71	41.2	33.2	49.8

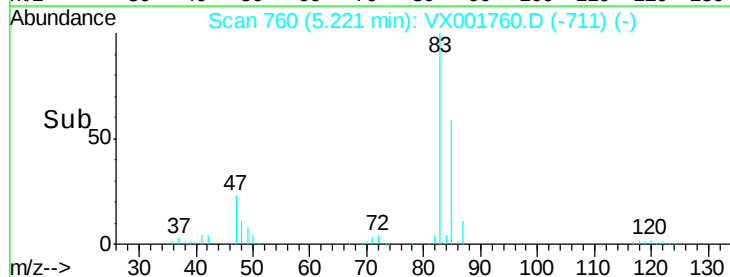
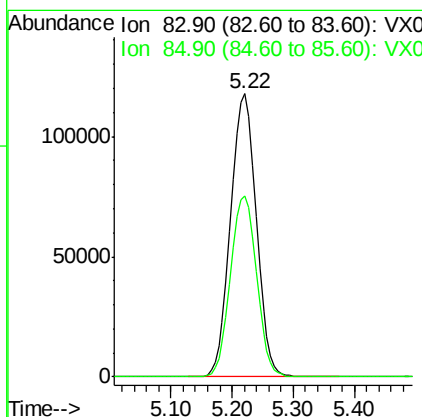
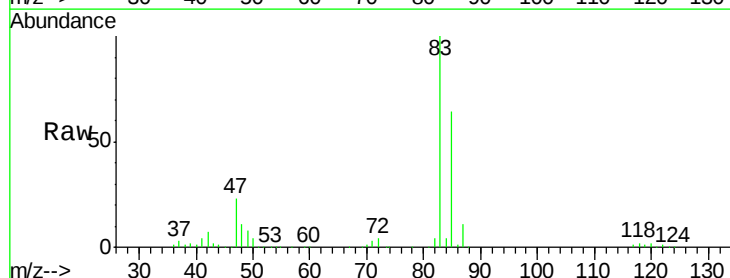
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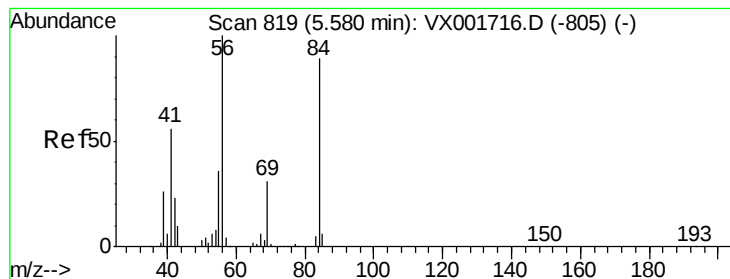
MMDadoda
5/17/2018 9:32:10 AM



#30
Chloroform
Concen: 46.45 ug/l
RT: 5.22 min Scan# 760
Delta R.T. 0.00 min
Lab File: VX001760.D
Acq: 16 May 2018 11:17

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.8	52.3	78.5





#31

Cyclohexane

Concen: 49.36 ug/l

RT: 5.57 min Scan# 818

Delta R.T. -0.01 min

Lab File: VX001760.D

Acq: 16 May 2018 11:17

Instrument :

MSVOA_X

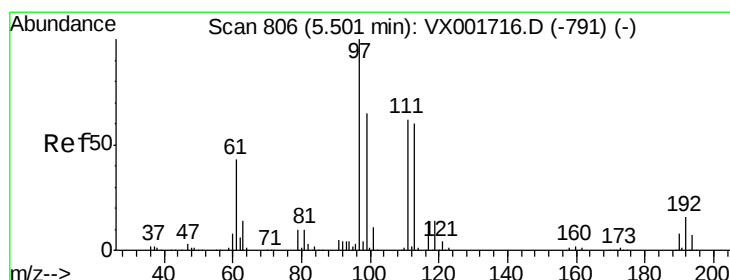
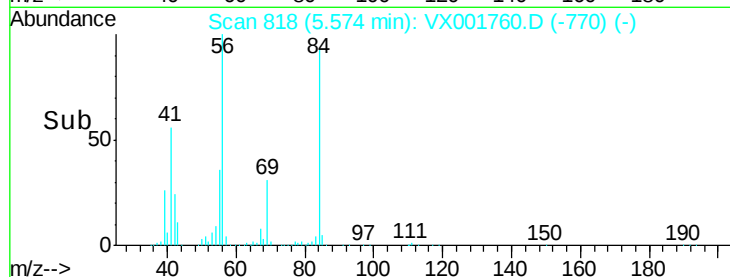
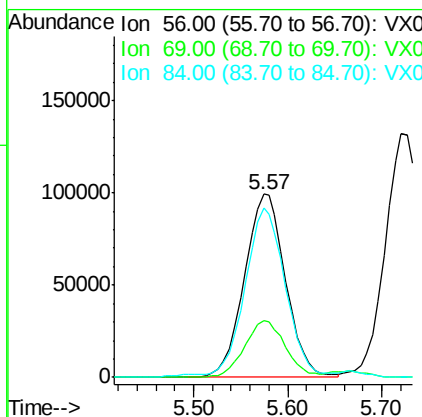
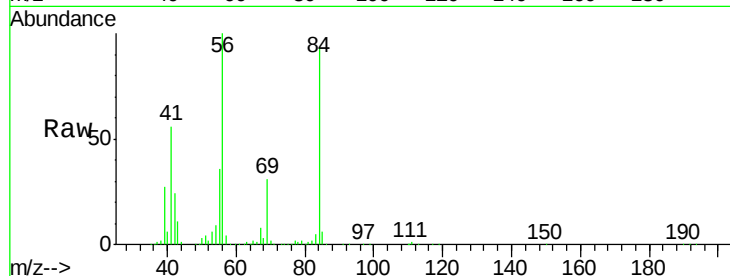
ClientSampleId :

VSTDCCC050

Tot Ion:	56	Resp:	302880
Ion	Ratio	Lower	Upper
56	100		
69	31.1	25.0	37.6
84	90.9	71.0	106.4

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 47.50 ug/l

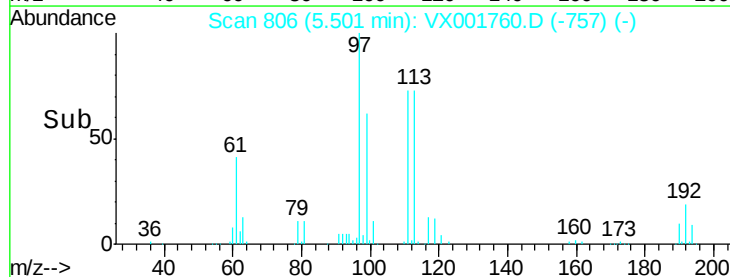
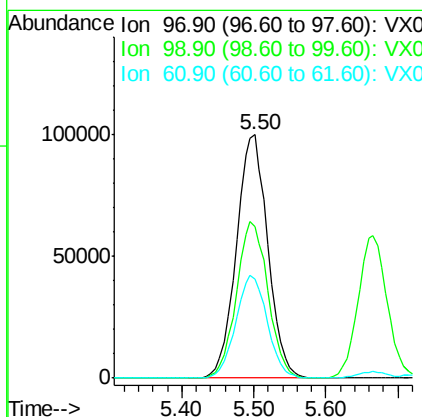
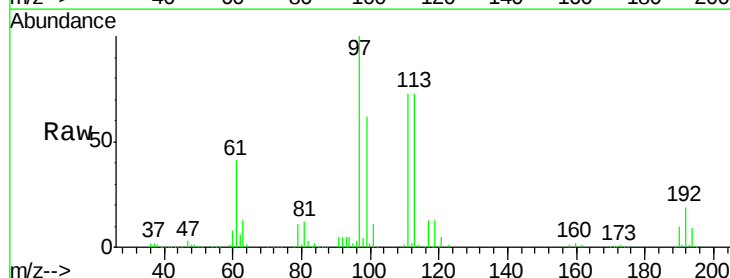
RT: 5.50 min Scan# 806

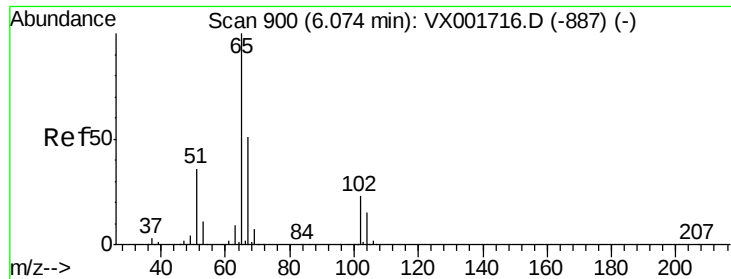
Delta R.T. 0.00 min

Lab File: VX001760.D

Acq: 16 May 2018 11:17

Tgt Ion:	97	Resp:	301858
Ion	Ratio	Lower	Upper
97	100		
99	64.8	51.3	76.9
61	42.5	34.0	51.0





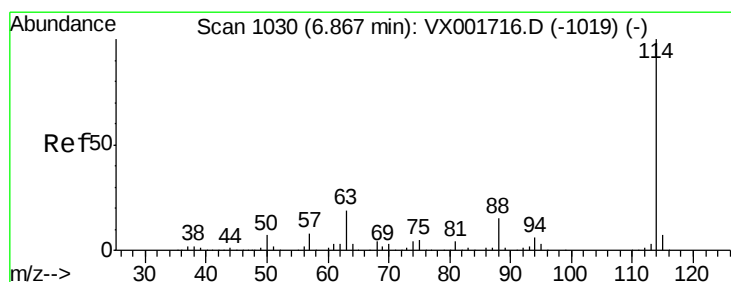
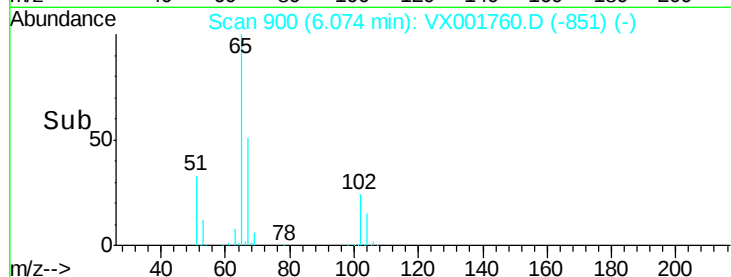
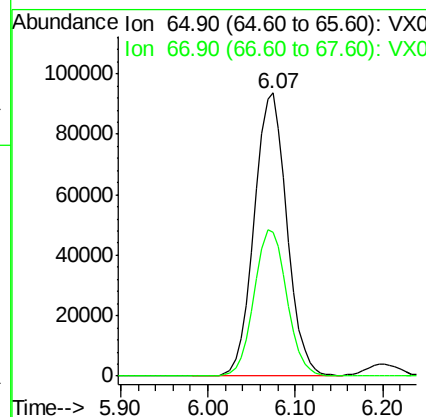
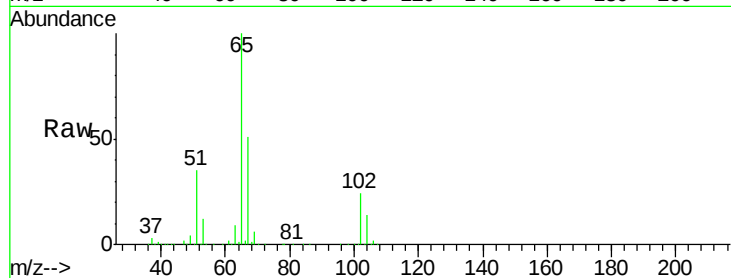
#33
 1,2-Dichloroethane-d4
 Concen: 49.91 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. 0.00 min
 Lab File: VX001760.D
 Acq: 16 May 2018 11:17

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
65	100	243685		
67	51.9	0.0	102.8	

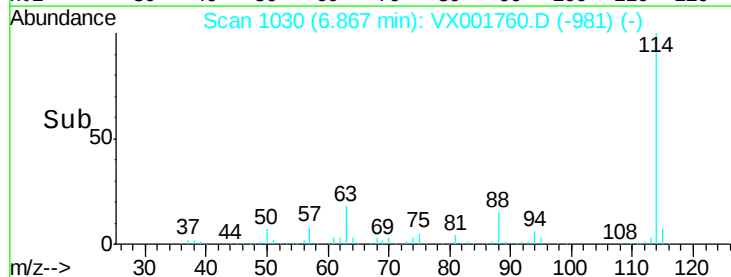
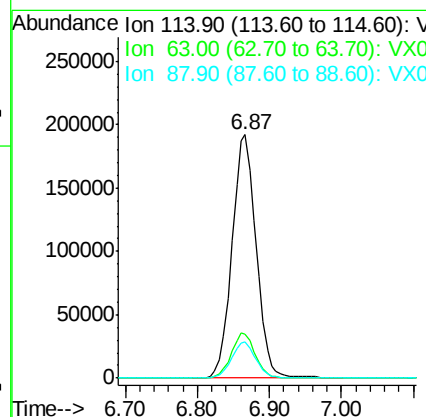
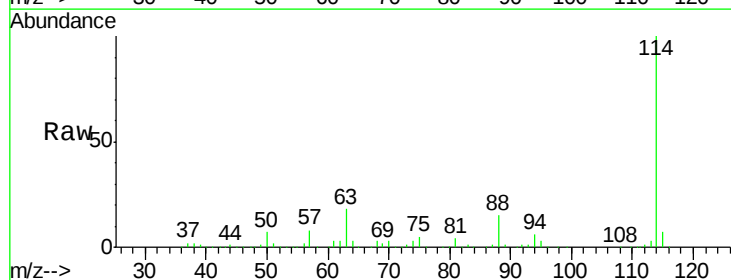
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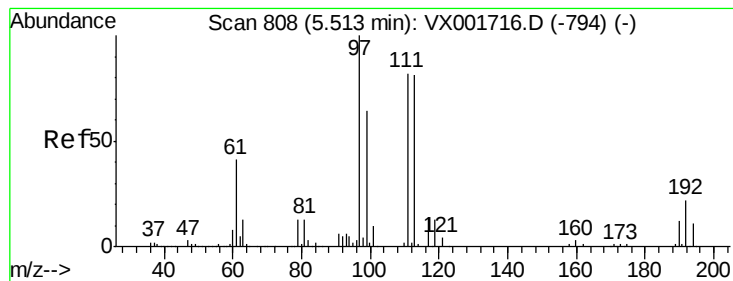
MMDadoda
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#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. 0.00 min
 Lab File: VX001760.D
 Acq: 16 May 2018 11:17

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	449320		
63	18.0	0.0	37.0	
88	14.7	0.0	29.8	





#35

Dibromofluoromethane

Concen: 56.16 ug/l

RT: 5.51 min Scan# 807

Delta R.T. -0.01 min

Lab File: VX001760.D

Acq: 16 May 2018 11:17

Instrument :

MSVOA_X

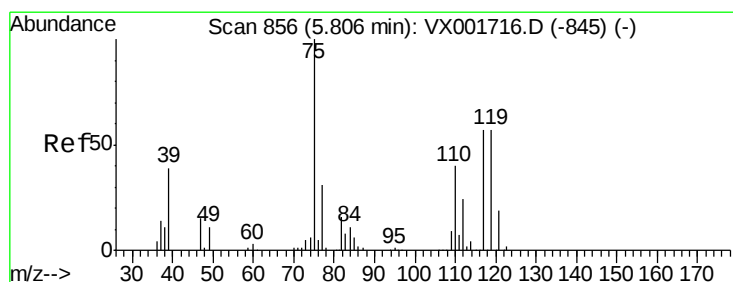
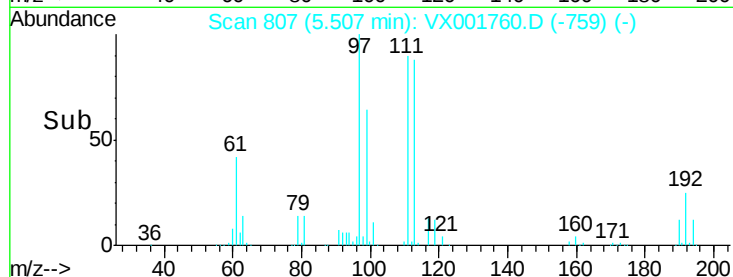
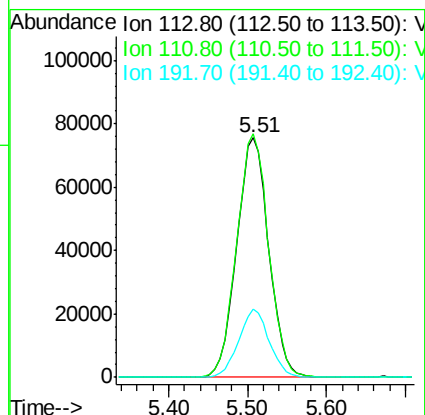
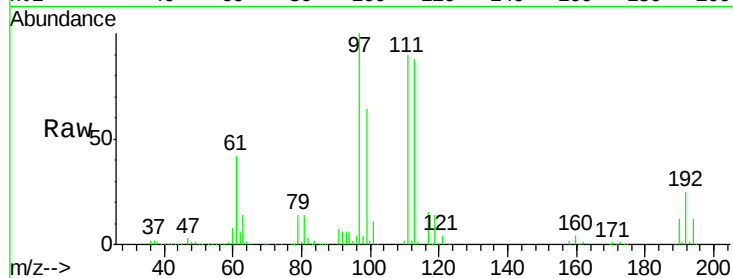
ClientSampleId :

VSTDCCC050

Tot Ion:	113	Resp:	212942
Ion Ratio	Lower	Upper	
113	100		
111	101.3	82.0	123.0
192	27.3	21.6	32.4

Manual Integrations
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#36

1,1-Dichloropropene

Concen: 49.15 ug/l

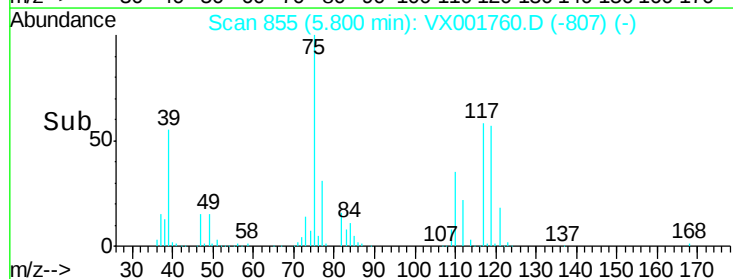
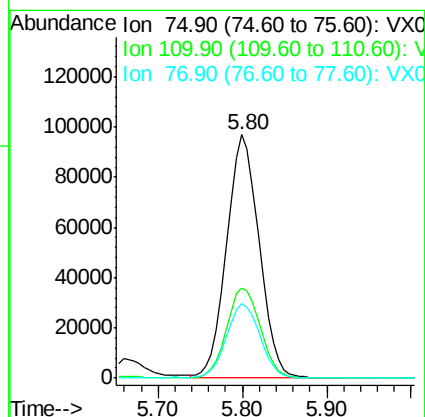
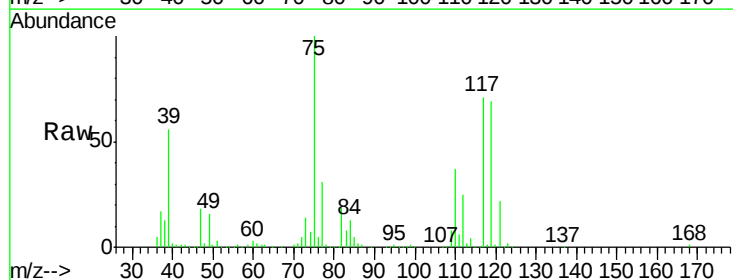
RT: 5.80 min Scan# 855

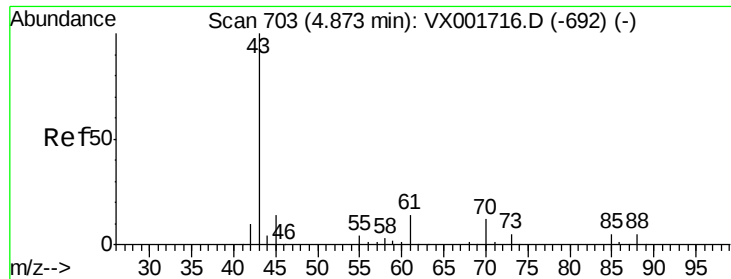
Delta R.T. -0.01 min

Lab File: VX001760.D

Acq: 16 May 2018 11:17

Tgt Ion:	75	Resp:	254214
Ion Ratio	Lower	Upper	
75	100		
110	38.6	19.1	57.1
77	31.2	24.6	37.0





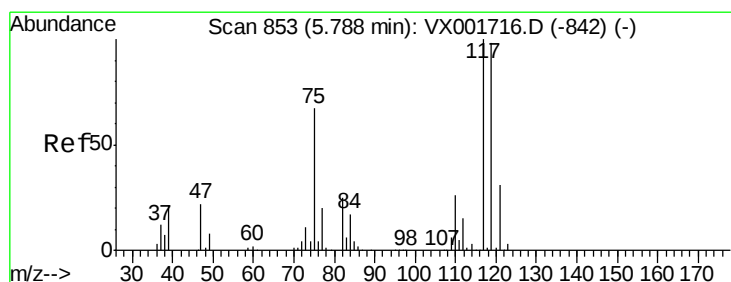
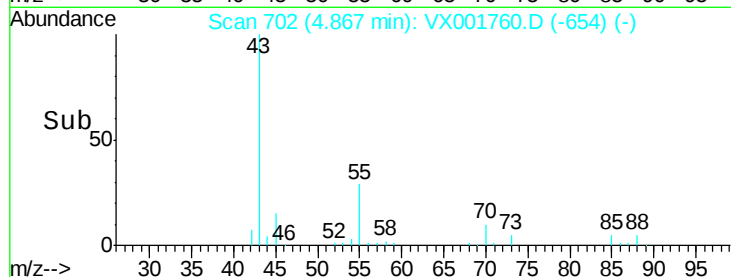
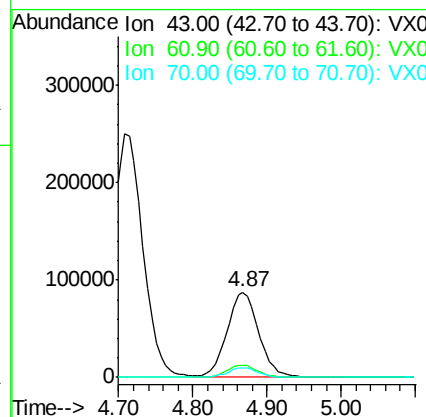
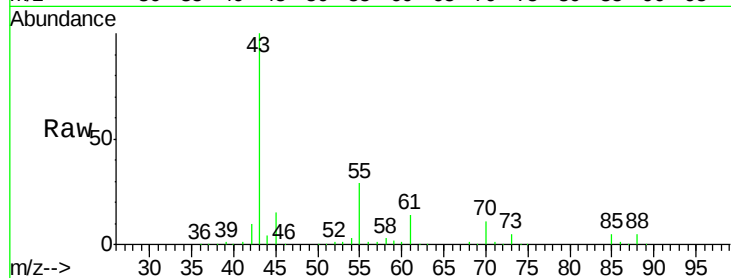
#37
Ethyl Acetate
Concen: 48.09 ug/l
RT: 4.87 min Scan# 702
Delta R.T. -0.01 min
Lab File: VX001760.D
Acq: 16 May 2018 11:17

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.9	10.9	16.3
70	10.7	8.8	13.2

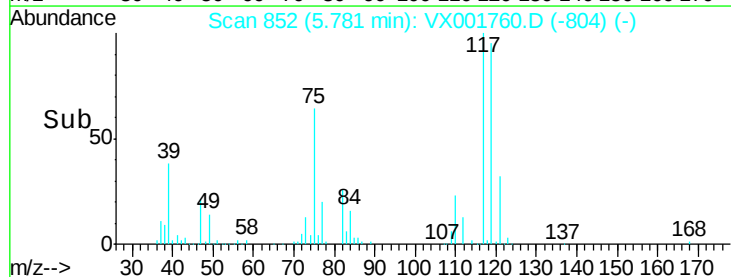
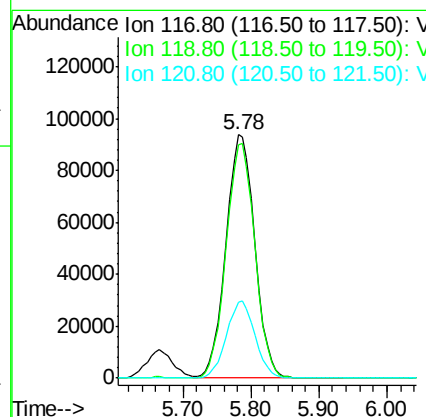
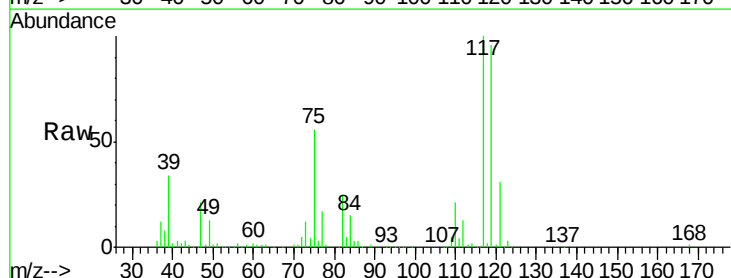
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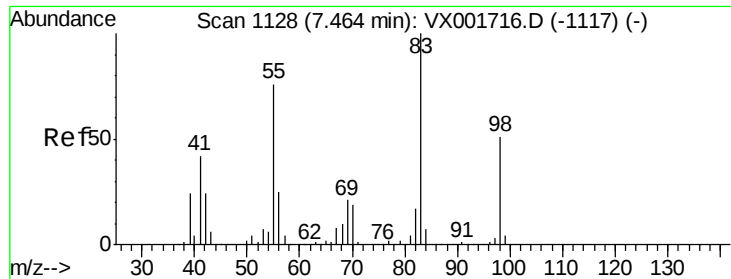
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#38
Carbon Tetrachloride
Concen: 50.84 ug/l
RT: 5.78 min Scan# 852
Delta R.T. -0.01 min
Lab File: VX001760.D
Acq: 16 May 2018 11:17

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.0	77.6	116.4
121	31.3	24.6	36.8





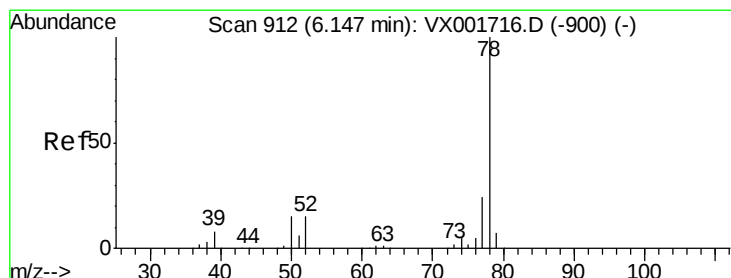
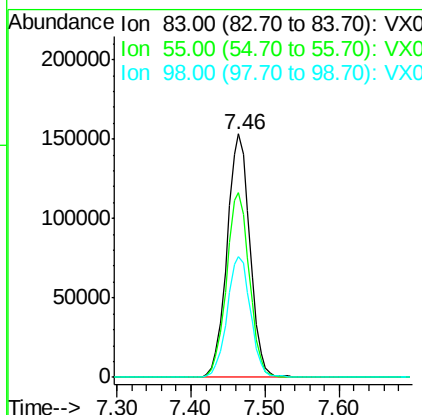
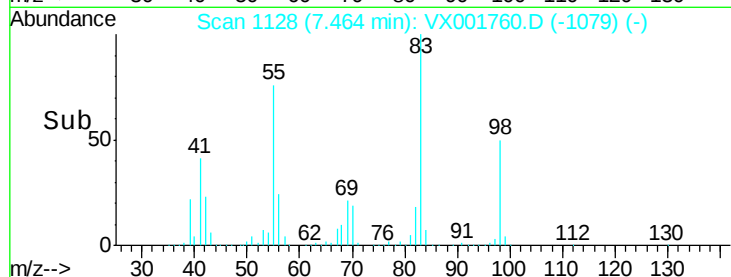
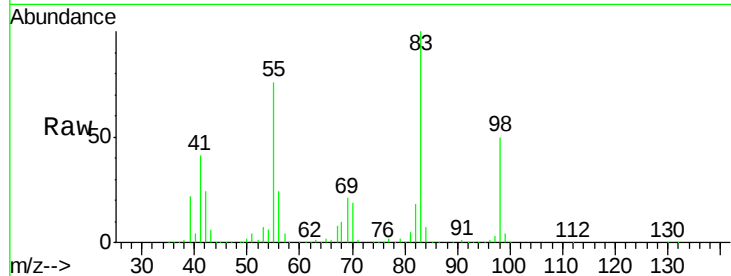
#39
Methvlcvclohexane
Concen: 54.39 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. 0.00 min
Lab File: VX001760.D
Acq: 16 May 2018 11:17

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
83	100			
55	75.9	60.6	90.8	
98	49.8	40.4	60.6	

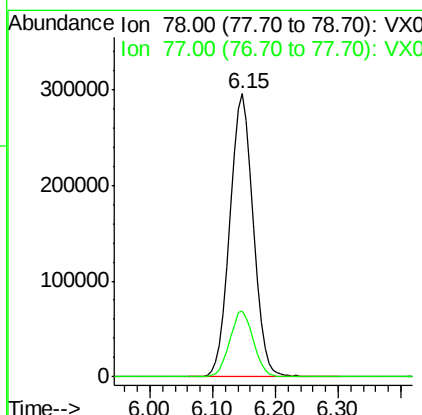
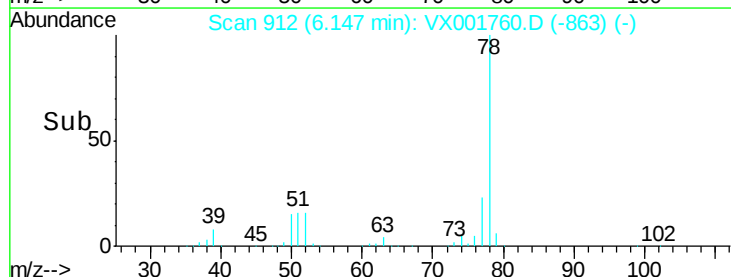
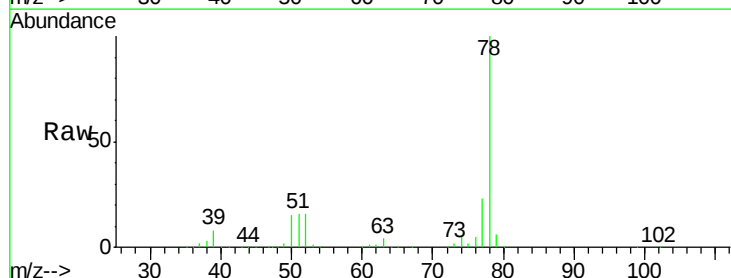
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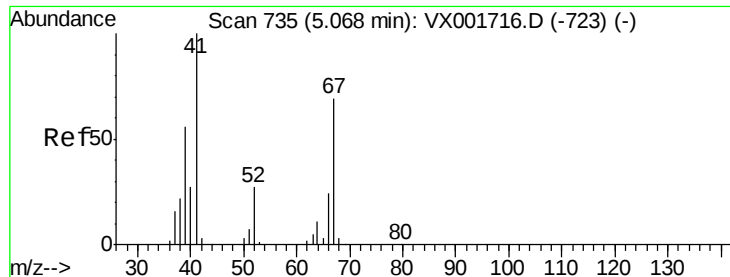
MMDadoda
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#40
Benzene
Concen: 50.08 ug/l
RT: 6.15 min Scan# 912
Delta R.T. 0.00 min
Lab File: VX001760.D
Acq: 16 May 2018 11:17

Tgt Ion	Ratio	Resp	Lower	Upper
78	100			
77	23.4	19.0	28.4	





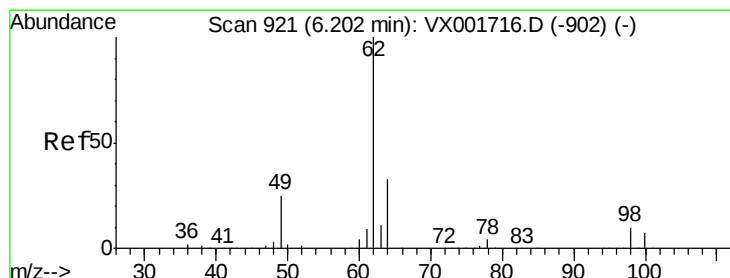
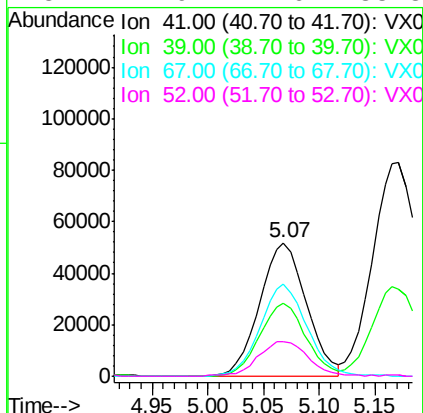
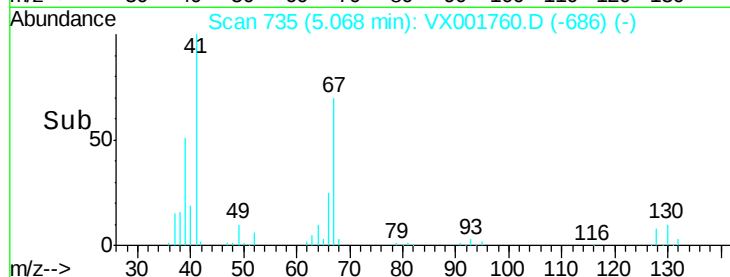
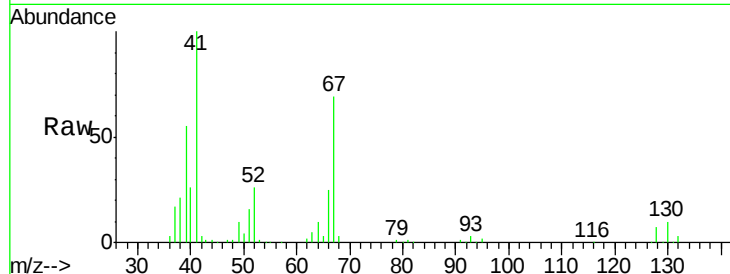
#41
Methacrylonitrile
Concen: 48.18 ug/l
RT: 5.07 min Scan# 735
Delta R.T. 0.00 min
Lab File: VX001760.D
Acq: 16 May 2018 11:17

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ion	Ratio	Resp	Lower	Upper
41	100				
39	54.3	44.2	66.4		
67	69.6	56.0	84.0		
52	27.9	22.6	33.8		

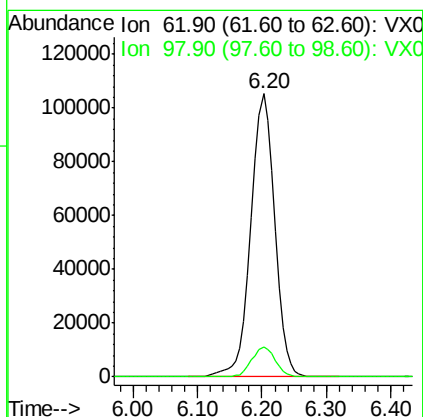
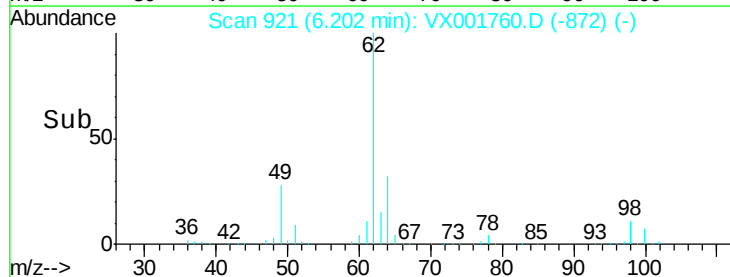
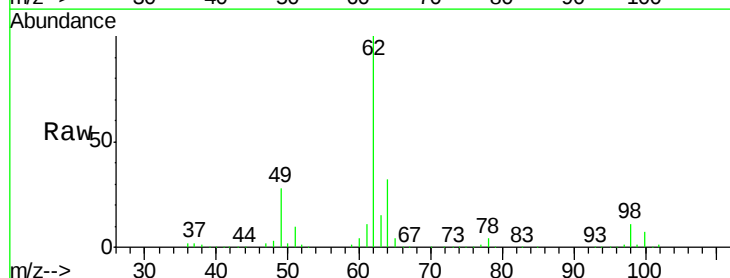
Manual Integrations
APPROVED

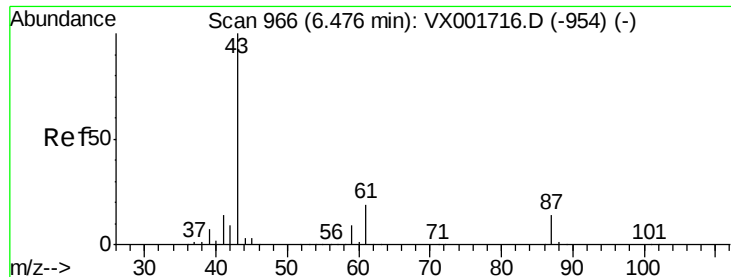
MMDadoda
5/17/2018 9:32:10 AM



#42
1,2-Dichloroethane
Concen: 48.32 ug/l
RT: 6.20 min Scan# 921
Delta R.T. 0.00 min
Lab File: VX001760.D
Acq: 16 May 2018 11:17

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
62	100				
98	10.4	0.0	20.0		





#43

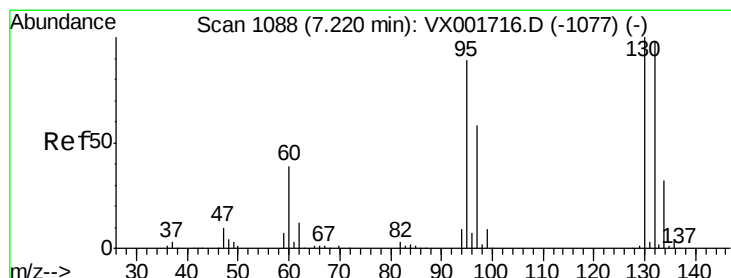
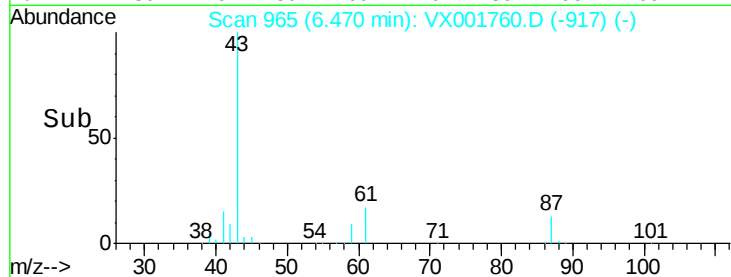
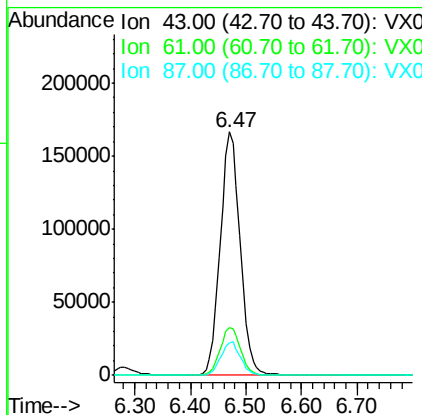
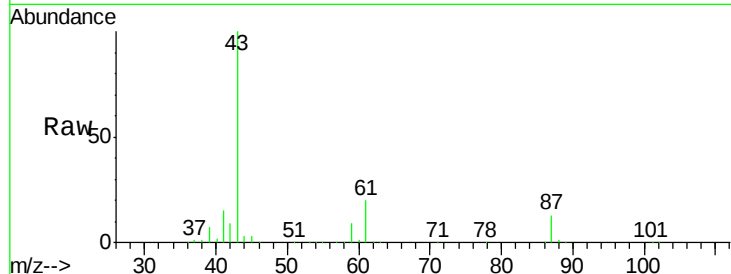
Isopropyl Acetate
 Concen: 48.75 ug/l
 RT: 6.47 min Scan# 965
 Delta R.T. -0.01 min
 Lab File: VX001760.D
 Acq: 16 May 2018 11:17

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	20.2	15.8	23.8
87	13.6	11.0	16.4

Manual Integrations
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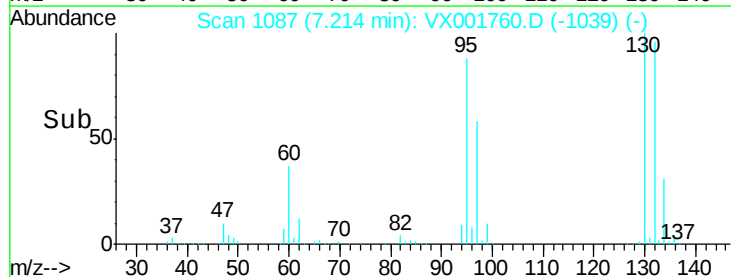
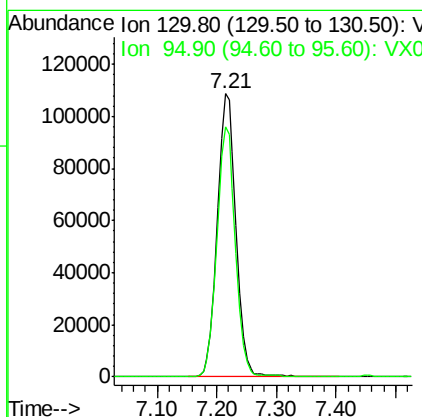
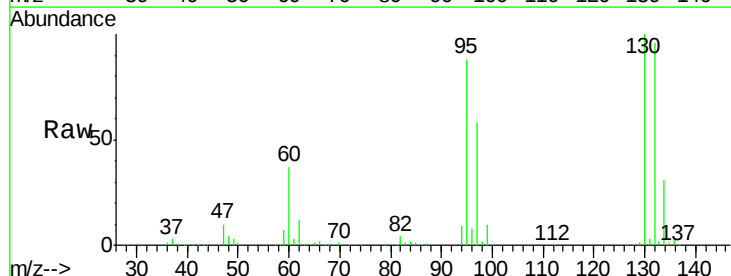
MMDadoda
 5/17/2018 9:32:10 AM

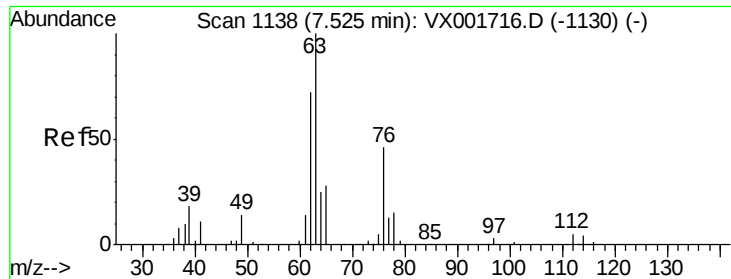


#44

Trichloroethene
 Concen: 49.89 ug/l
 RT: 7.21 min Scan# 1087
 Delta R.T. -0.01 min
 Lab File: VX001760.D
 Acq: 16 May 2018 11:17

Tgt Ion	Ratio	Lower	Upper
130	100		
95	88.5	0.0	177.2





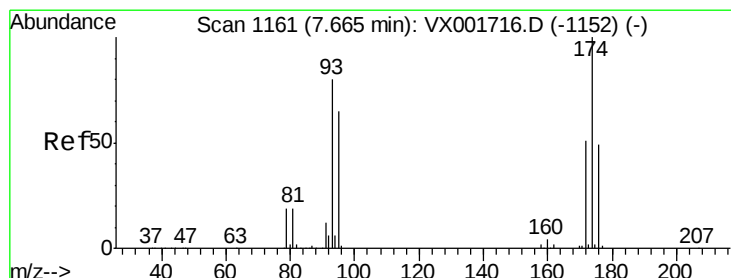
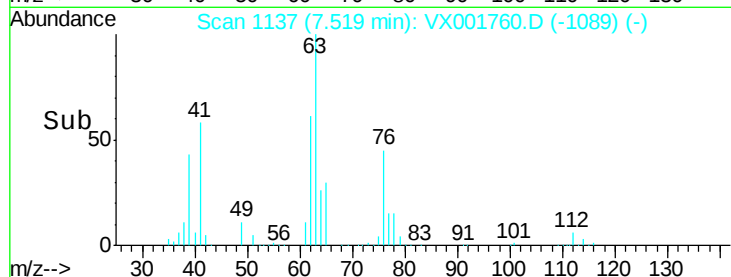
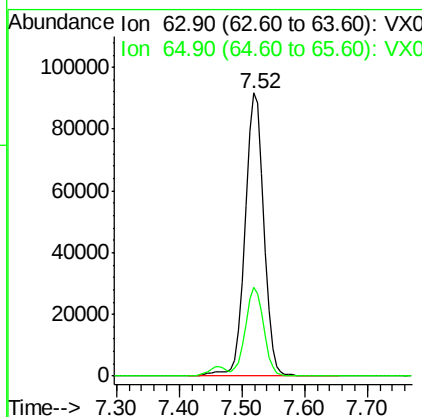
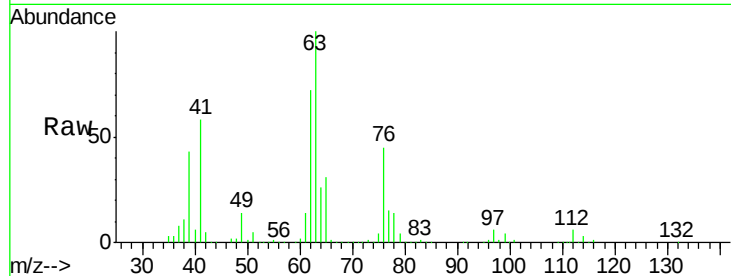
#45
 1,2-Dichloropropane
 Concen: 50.69 ug/l
 RT: 7.52 min Scan# 1137
 Delta R.T. -0.01 min
 Lab File: VX001760.D
 Acq: 16 May 2018 11:17

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
63	100		
65	31.3	24.2	36.2

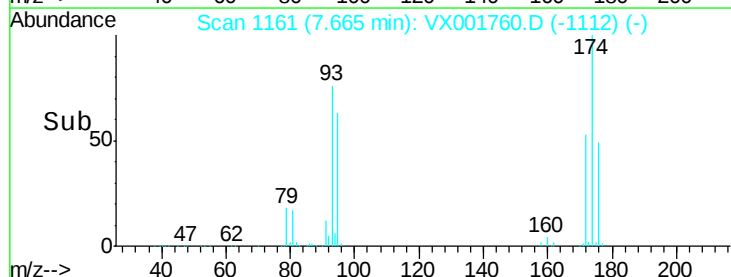
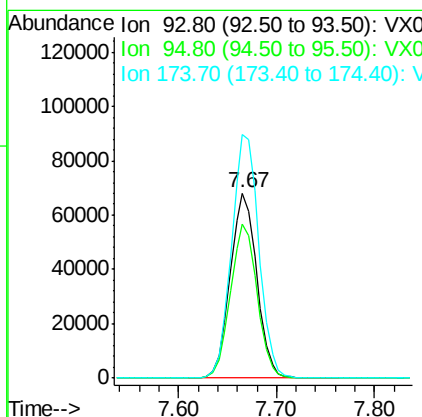
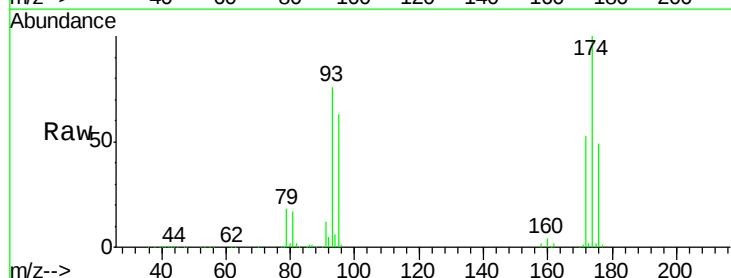
Manual Integrations
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#46
 Dibromomethane
 Concen: 48.86 ug/l
 RT: 7.67 min Scan# 1161
 Delta R.T. 0.00 min
 Lab File: VX001760.D
 Acq: 16 May 2018 11:17

Tgt Ion	Ratio	Lower	Upper
93	100		
95	84.0	65.9	98.9
174	135.1	106.2	159.2





#47

Bromodichloromethane

Concen: 52.18 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. 0.00 min

Lab File: VX001760.D

Acq: 16 May 2018 11:17

Instrument :

MSVOA_X

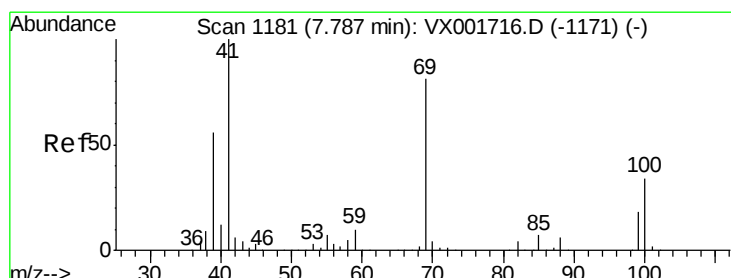
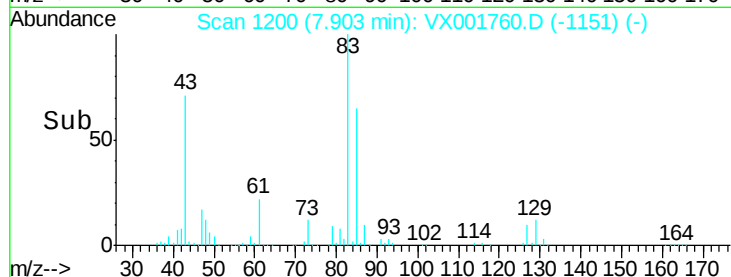
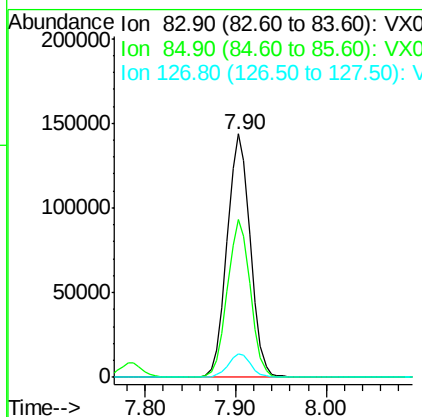
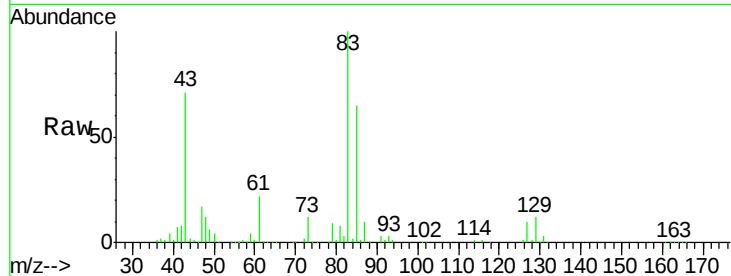
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	254250
Ion Ratio	Lower	Upper	
83	100		
85	64.9	49.6	74.4
127	9.7	7.5	11.3

Manual Integrations
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MMDadoda
5/17/2018 9:32:10 AM



#48

Methyl methacrylate

Concen: 49.88 ug/l

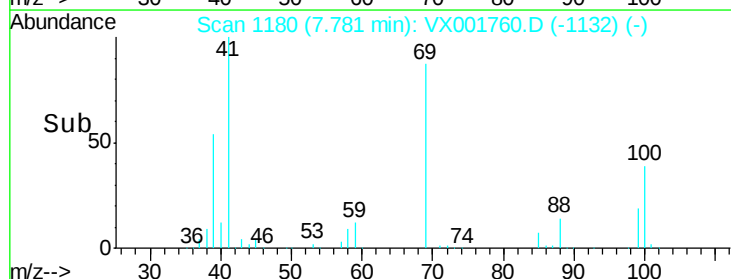
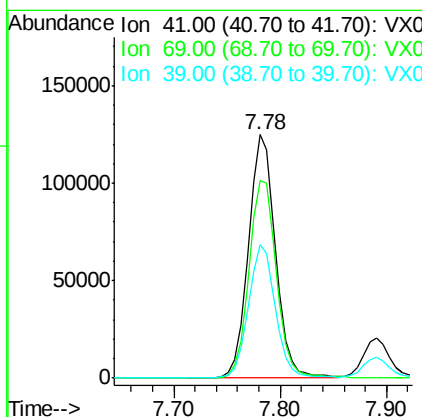
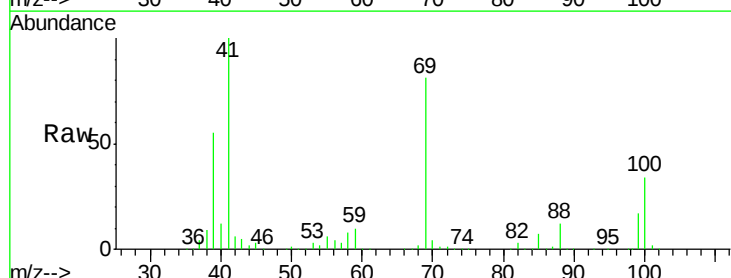
RT: 7.78 min Scan# 1180

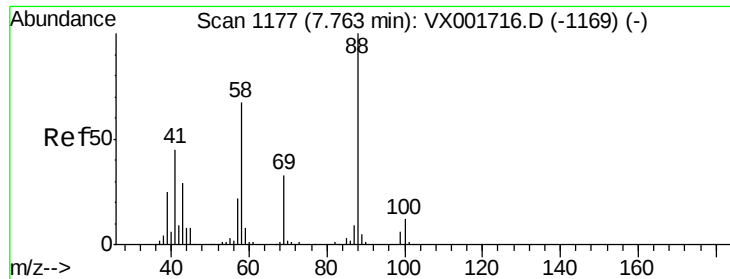
Delta R.T. -0.01 min

Lab File: VX001760.D

Acq: 16 May 2018 11:17

Tgt Ion:	41	Resp:	221509
Ion Ratio	Lower	Upper	
41	100		
69	83.7	65.2	97.8
39	54.6	44.5	66.7





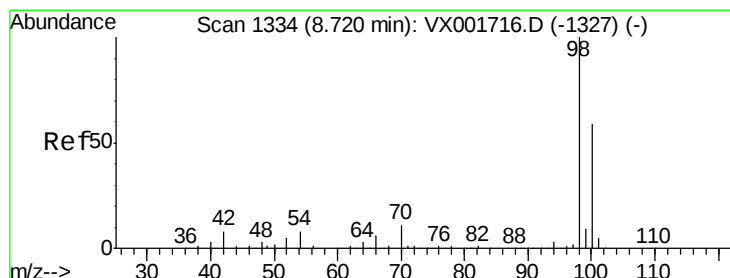
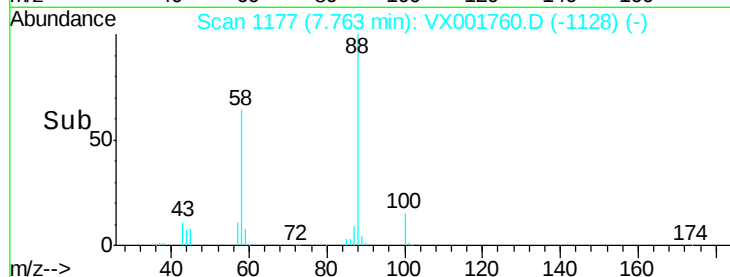
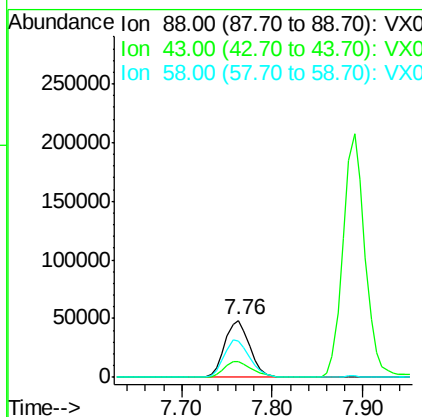
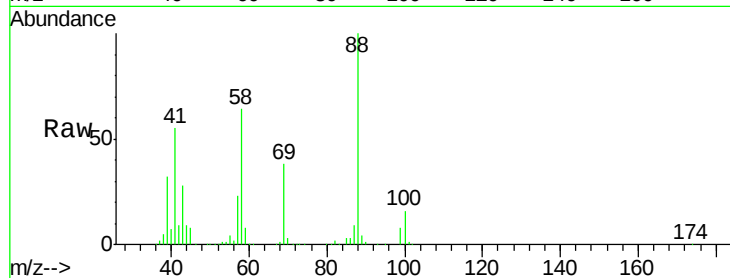
#49
1,4-Dioxane
Concen: 1096.57 ug/l
RT: 7.76 min Scan# 1177
Delta R.T. 0.00 min
Lab File: VX001760.D
Acq: 16 May 2018 11:17

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
88	100		
43	31.2	27.3	40.9
58	68.2	55.9	83.9

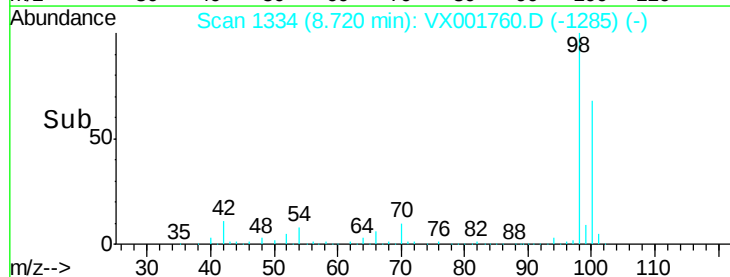
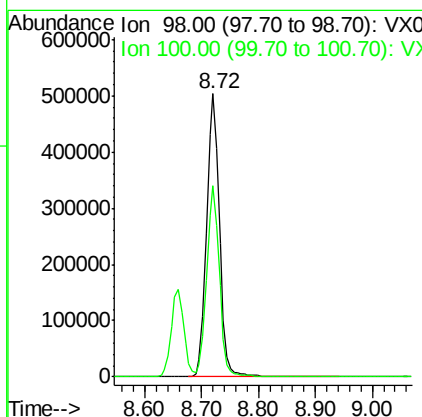
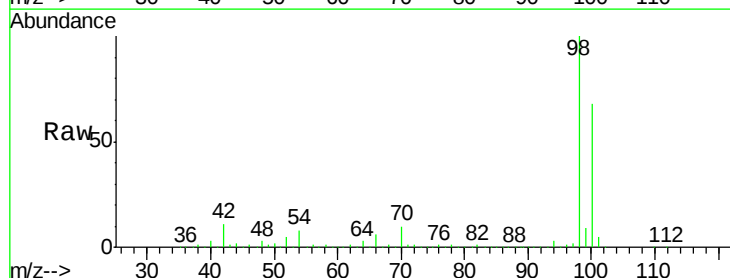
Manual Integrations
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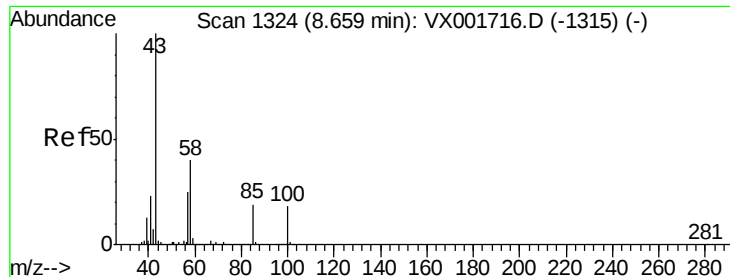
MMDadoda
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#50
Toluene-d8
Concen: 58.62 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX001760.D
Acq: 16 May 2018 11:17

Tgt Ion	Ratio	Lower	Upper
98	100		
100	66.7	54.0	81.0





#51

4-Methyl-2-Pentanone

Concen: 258.03 ug/l

RT: 8.66 min Scan# 1324

Delta R.T. 0.00 min

Lab File: VX001760.D

Acq: 16 May 2018 11:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 1379569

Ion Ratio Lower Upper

43 100

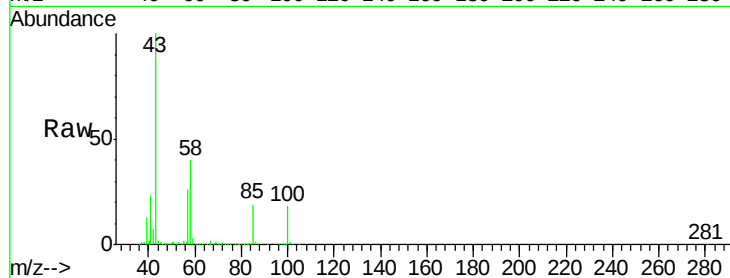
58 39.4 31.4 47.0

Manual Integrations

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

8.66

800000

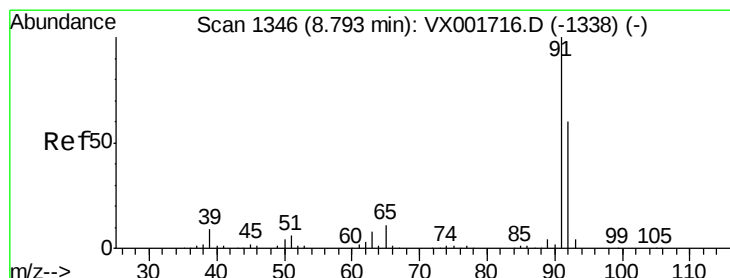
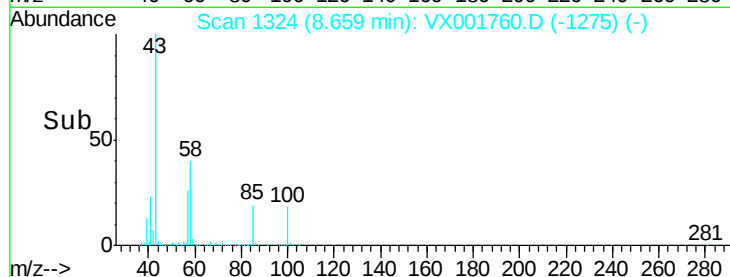
600000

400000

200000

0

Time-->



#52

Toluene

Concen: 51.93 ug/l

RT: 8.79 min Scan# 1345

Delta R.T. -0.01 min

Lab File: VX001760.D

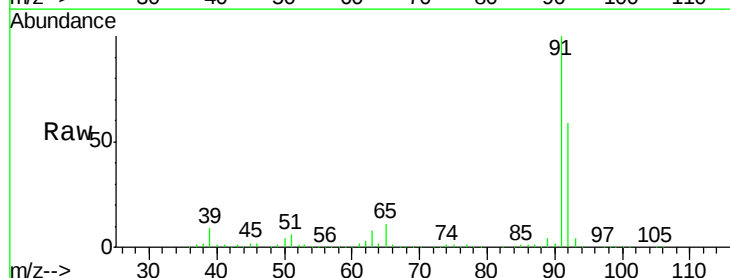
Acq: 16 May 2018 11:17

Tgt Ion: 92 Resp: 508546

Ion Ratio Lower Upper

92 100

91 169.3 135.5 203.3



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

8.79

600000

500000

400000

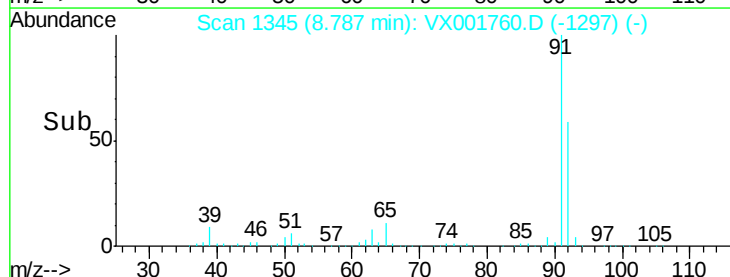
300000

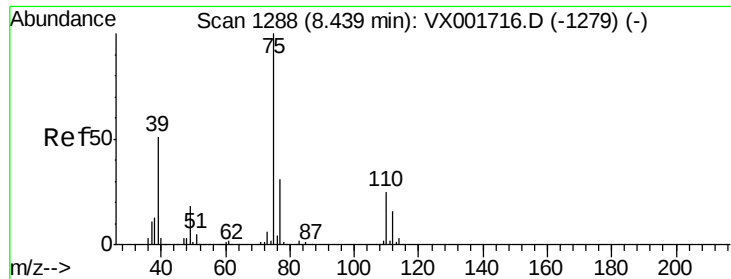
200000

100000

0

Time-->





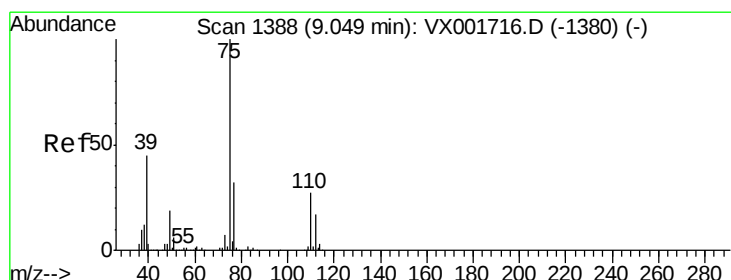
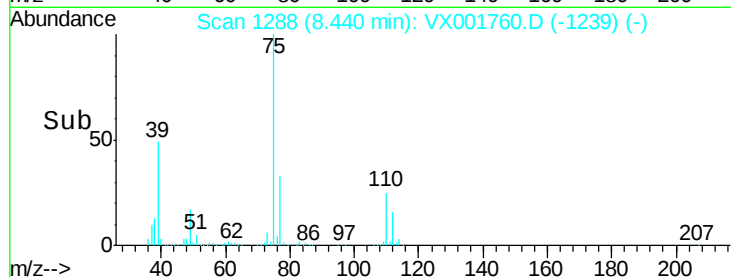
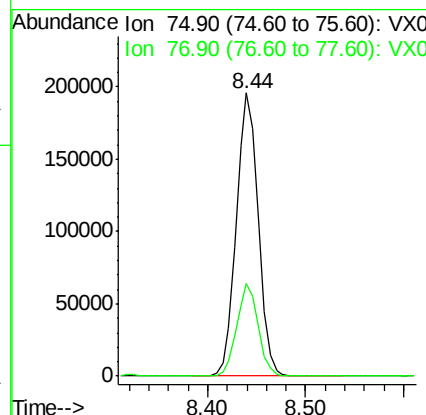
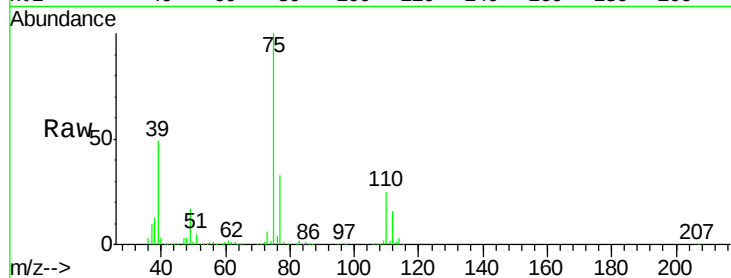
#53
t-1,3-Dichloropropene
Concen: 52.97 ug/l
RT: 8.44 min Scan# 1288
Delta R.T. 0.00 min
Lab File: VX001760.D
Acq: 16 May 2018 11:17

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
75	100		
77	32.5	25.0	37.6

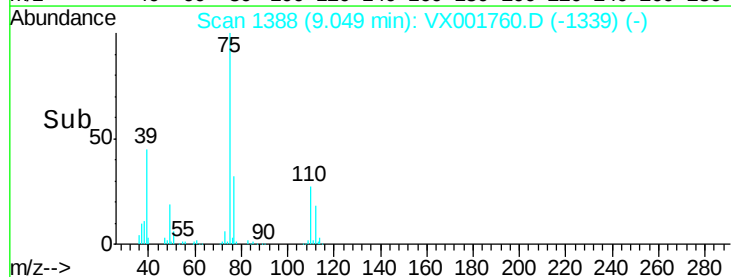
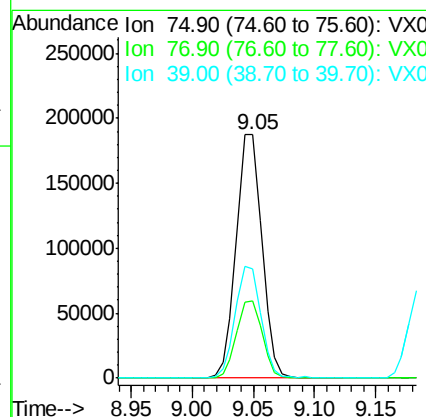
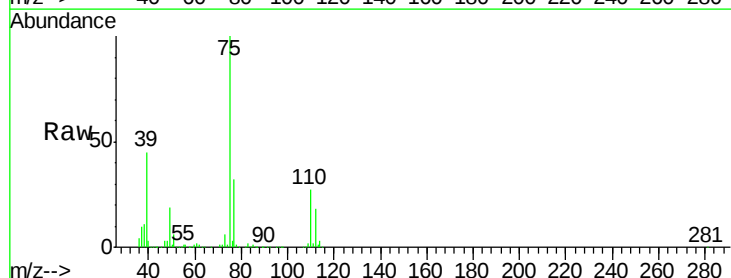
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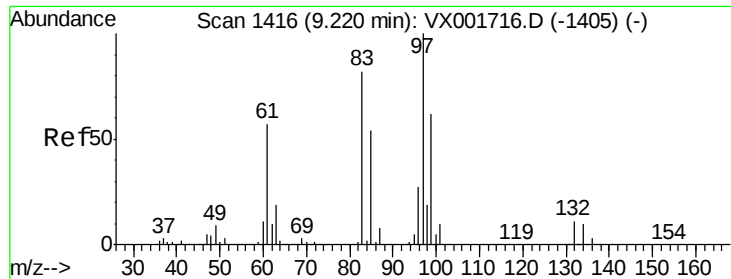
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#54
cis-1,3-Dichloropropene
Concen: 53.98 ug/l
RT: 9.05 min Scan# 1388
Delta R.T. 0.00 min
Lab File: VX001760.D
Acq: 16 May 2018 11:17

Tgt Ion	Ratio	Lower	Upper
75	100		
77	31.5	25.4	38.2
39	44.8	36.1	54.1





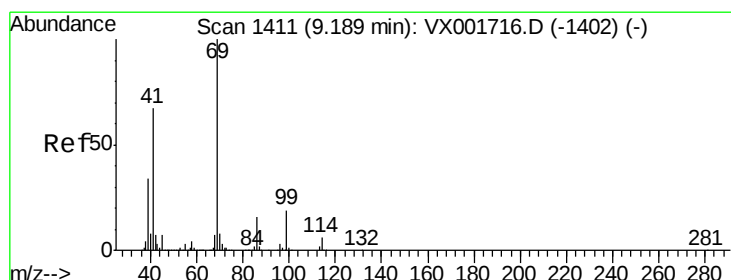
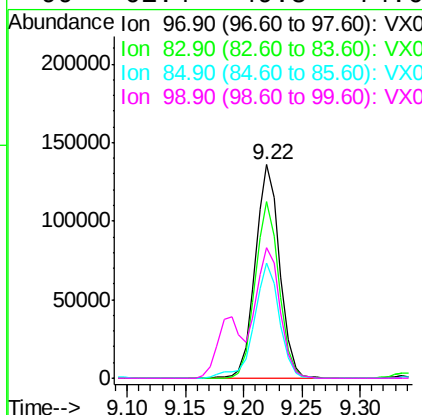
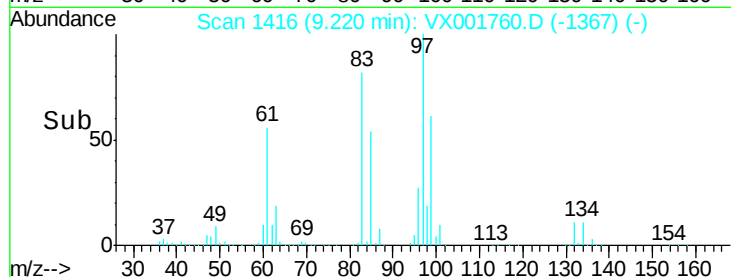
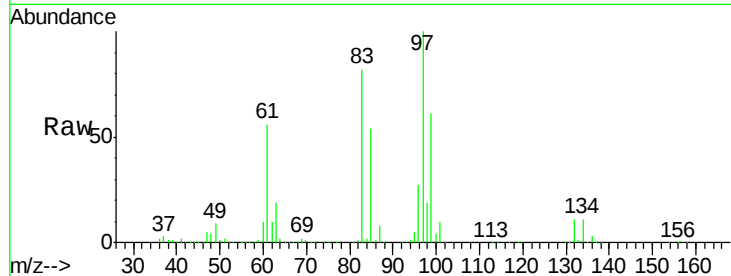
#55
 1,1,2-Trichloroethane
 Concen: 52.93 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. 0.00 min
 Lab File: VX001760.D
 Acq: 16 May 2018 11:17

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		198141		
83	82.4	65.8	98.8		
85	53.7	43.4	65.0		
99	61.4	49.8	74.6		

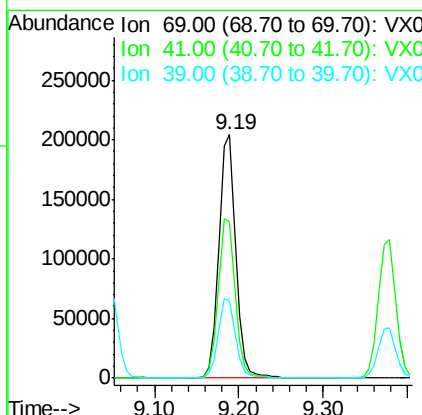
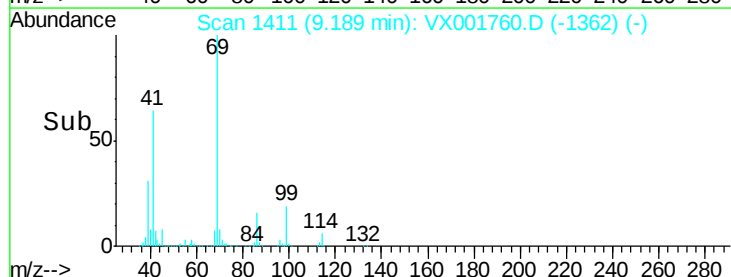
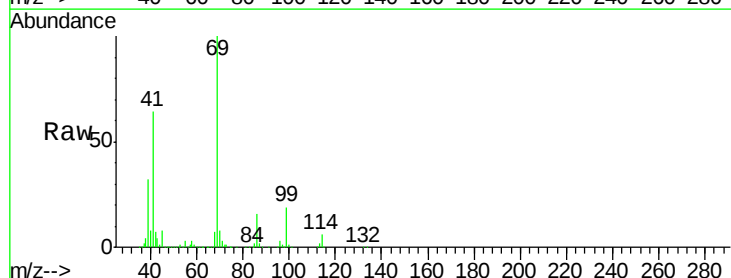
Manual Integrations
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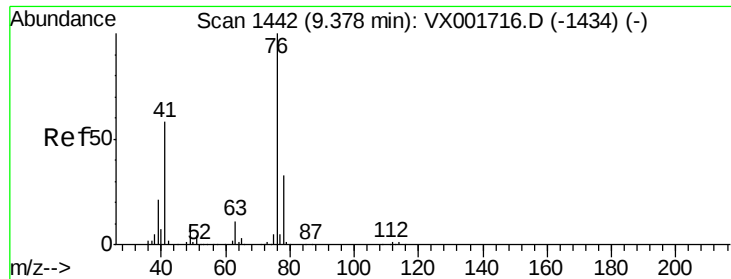
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#56
 Ethyl methacrylate
 Concen: 53.74 ug/l
 RT: 9.19 min Scan# 1411
 Delta R.T. 0.00 min
 Lab File: VX001760.D
 Acq: 16 May 2018 11:17

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		285245		
41	66.3	53.5	80.3		
39	33.7	27.2	40.8		





#57

1,3-Dichloropropane

Concen: 47.13 ug/l

RT: 9.38 min Scan# 1442

Delta R.T. 0.00 min

Lab File: VX001760.D

Acq: 16 May 2018 11:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 76 Resp: 295346

Ion Ratio Lower Upper

76 100

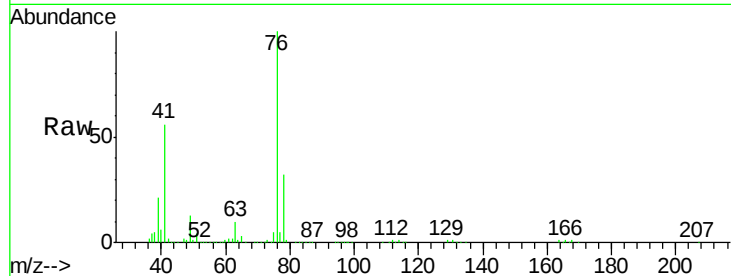
78 32.3 25.8 38.6

Manual Integrations

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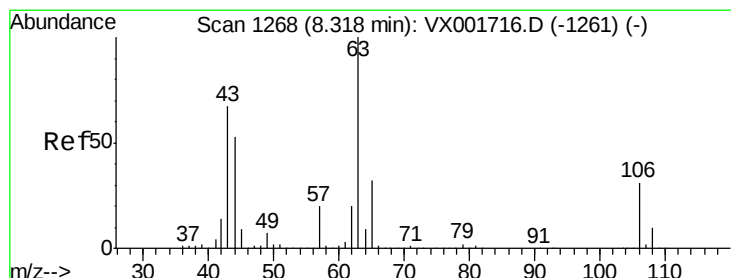
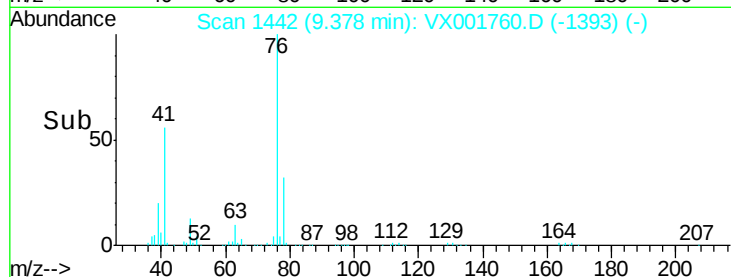
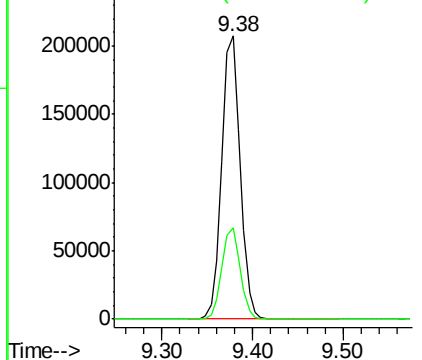
MMDadoda

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Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 188.51 ug/l

RT: 8.32 min Scan# 1268

Delta R.T. 0.00 min

Lab File: VX001760.D

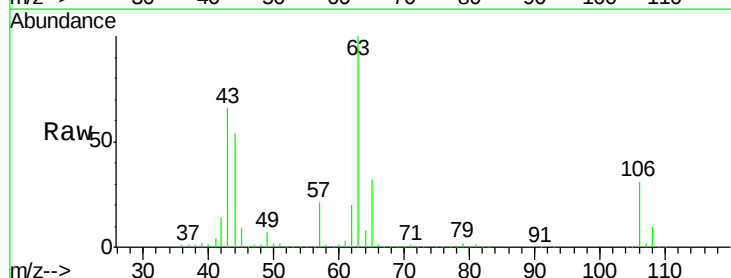
Acq: 16 May 2018 11:17

Tgt Ion: 63 Resp: 514745

Ion Ratio Lower Upper

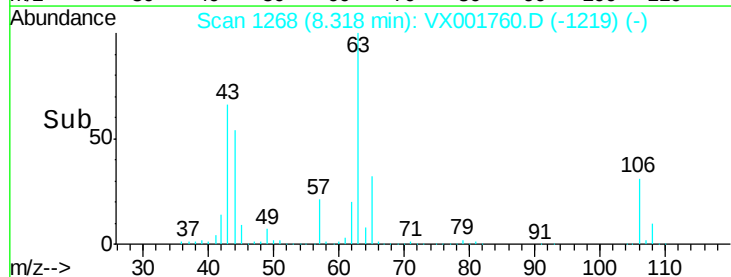
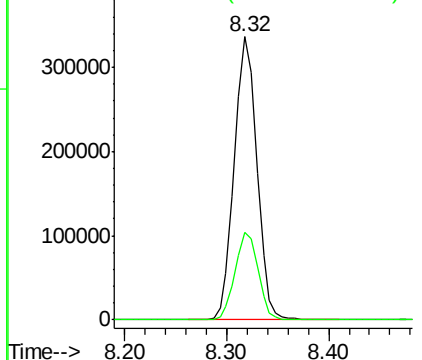
63 100

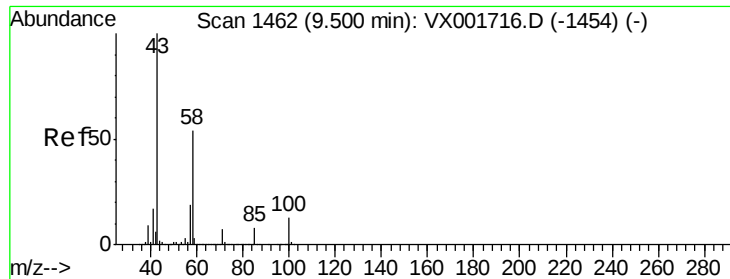
106 31.5 25.1 37.7



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V





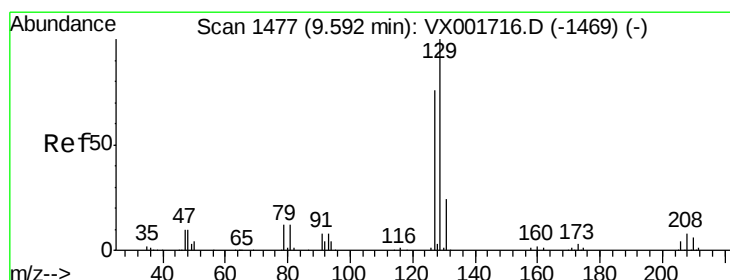
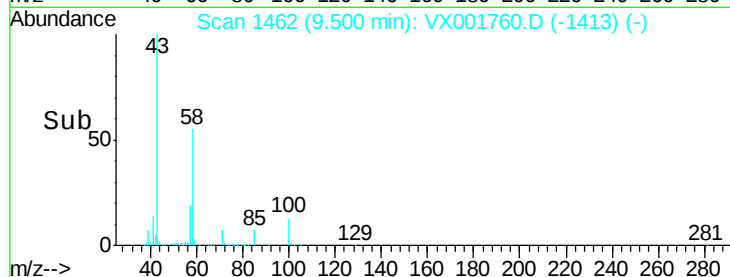
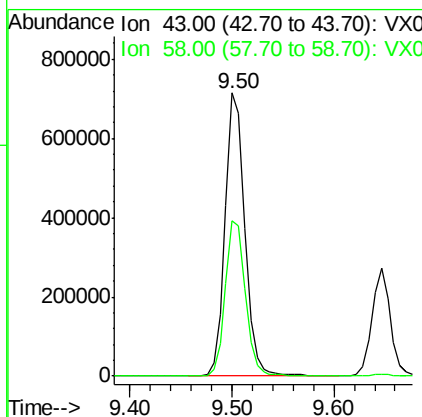
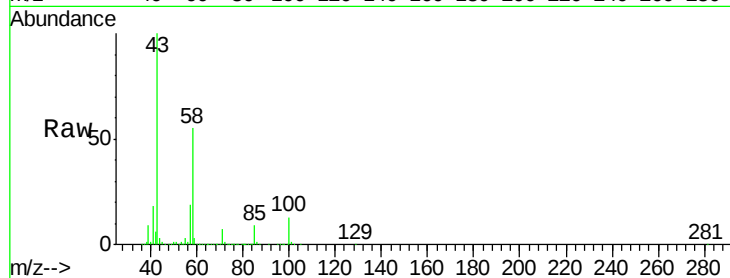
#59
2-Hexanone
Concen: 251.40 ug/l
RT: 9.50 min Scan# 1462
Delta R.T. 0.00 min
Lab File: VX001760.D
Acq: 16 May 2018 11:17

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 962192
Ion Ratio Lower Upper
43 100
58 56.0 27.7 83.1

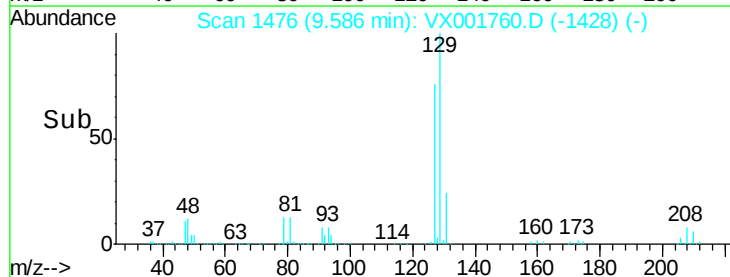
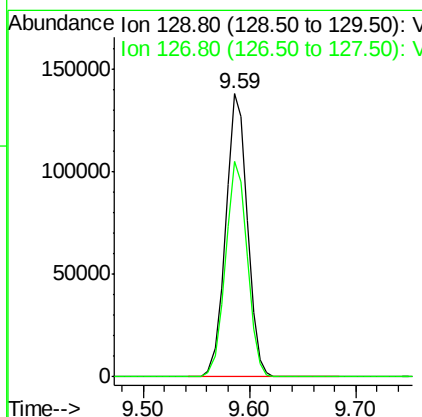
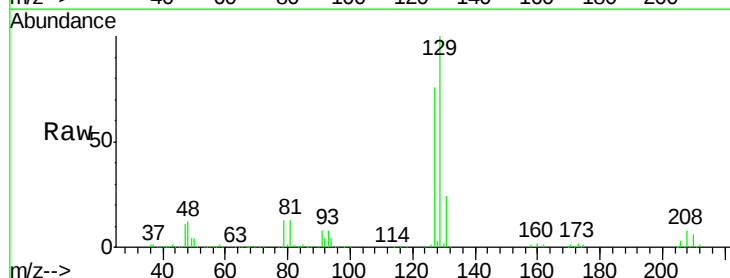
Manual Integrations
APPROVED

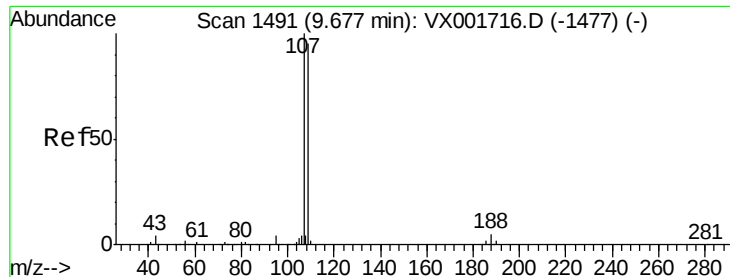
MMDadoda
5/17/2018 9:32:10 AM



#60
Dibromochloromethane
Concen: 51.44 ug/l
RT: 9.59 min Scan# 1476
Delta R.T. -0.01 min
Lab File: VX001760.D
Acq: 16 May 2018 11:17

Tgt Ion: 129 Resp: 197176
Ion Ratio Lower Upper
129 100
127 76.5 38.7 116.1





#61

1,2-Dibromoethane

Concen: 48.43 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. 0.00 min

Lab File: VX001760.D

Acq: 16 May 2018 11:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:107 Resp: 189795

Ion Ratio Lower Upper

107 100

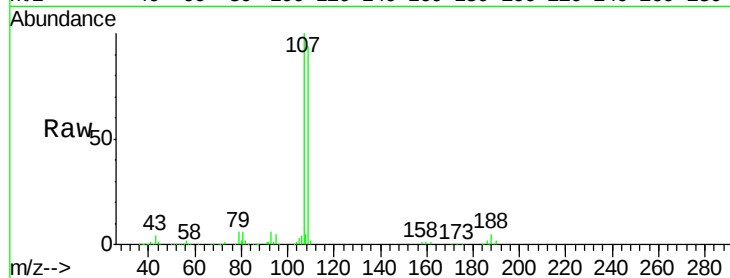
109 94.5 76.2 114.2

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Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.68

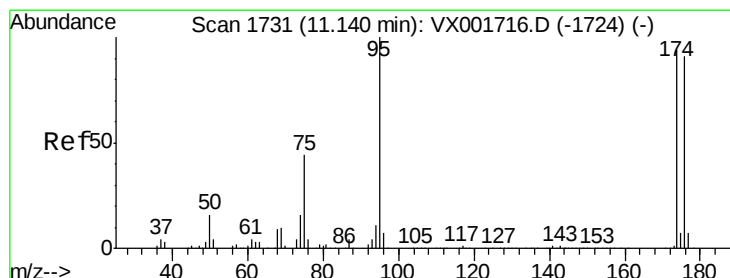
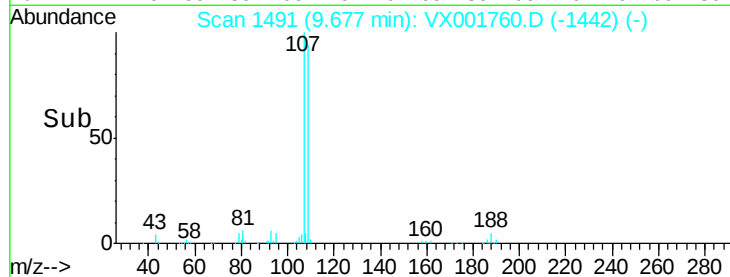
150000

100000

50000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 53.18 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX001760.D

Acq: 16 May 2018 11:17

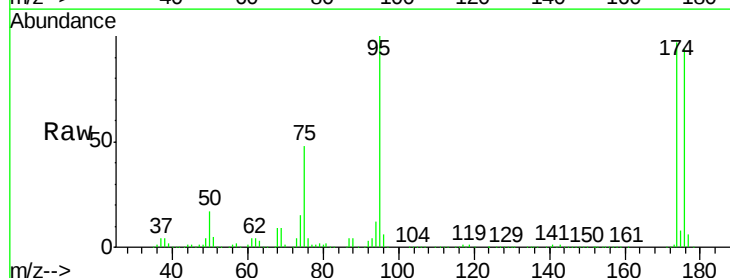
Tgt Ion: 95 Resp: 260042

Ion Ratio Lower Upper

95 100

174 103.0 0.0 201.8

176 99.5 0.0 196.8



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

250000

200000

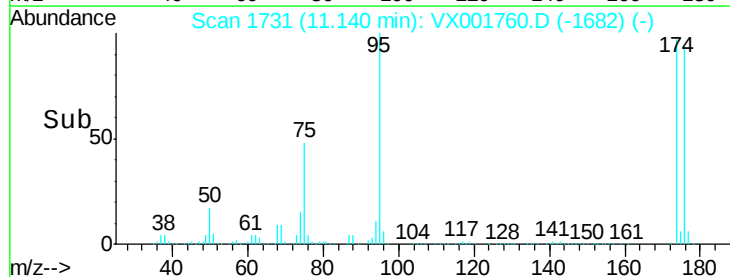
150000

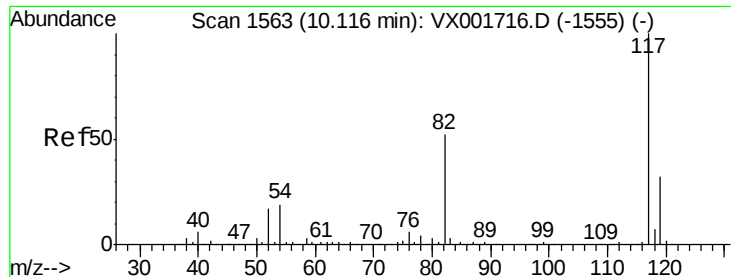
100000

50000

0

Time-->





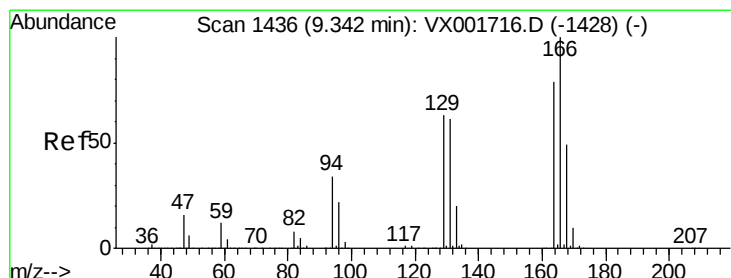
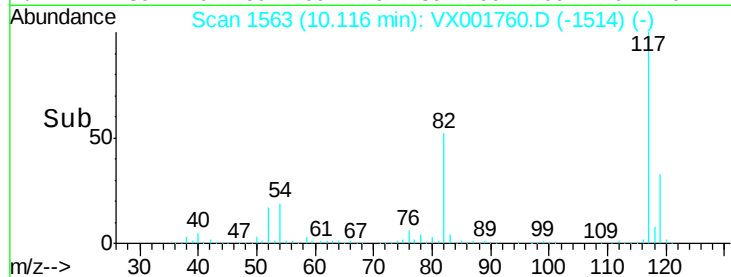
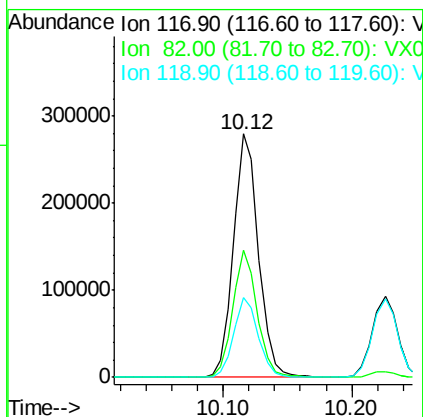
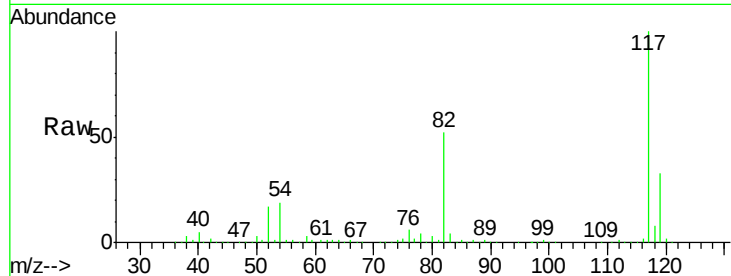
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. 0.00 min
Lab File: VX001760.D
Acq: 16 May 2018 11:17

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
117	100		
82	52.3	41.4	62.2
119	32.7	25.6	38.4

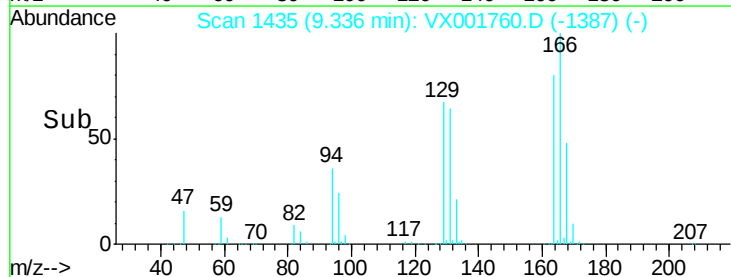
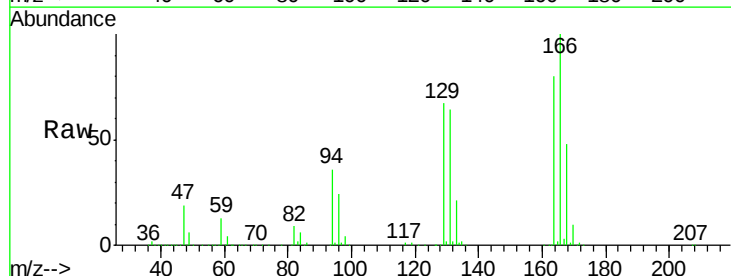
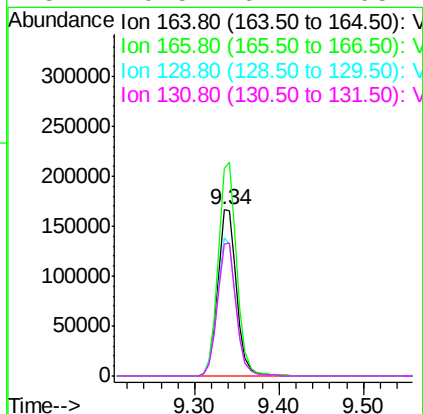
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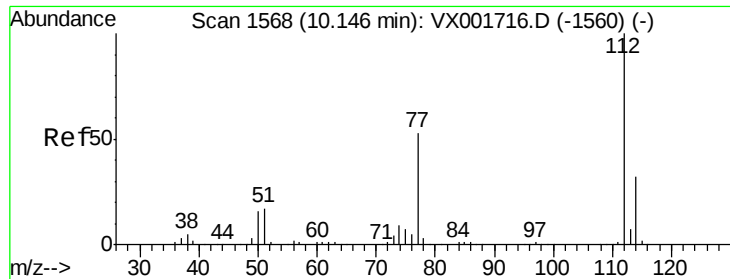
MMDadoda
5/17/2018 9:32:10 AM



#64
Tetrachloroethene
Concen: 51.57 ug/l
RT: 9.34 min Scan# 1435
Delta R.T. -0.01 min
Lab File: VX001760.D
Acq: 16 May 2018 11:17

Tgt Ion	Ratio	Lower	Upper
164	100		
166	125.1	101.8	152.8
129	83.2	63.8	95.6
131	79.5	62.2	93.2





#65

Chlorobenzene

Concen: 48.86 ug/l

RT: 10.14 min Scan# 1567

Delta R.T. -0.01 min

Lab File: VX001760.D

Acq: 16 May 2018 11:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:112 Resp: 510590

Ion Ratio Lower Upper

112 100

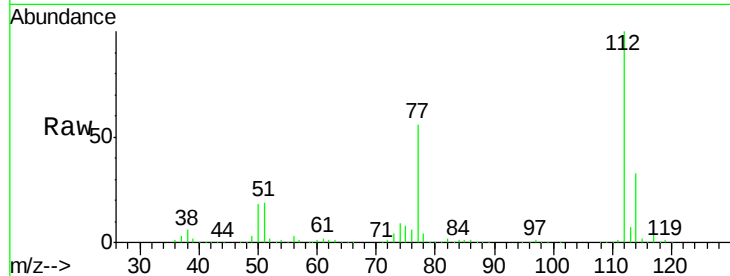
114 32.7 25.6 38.4

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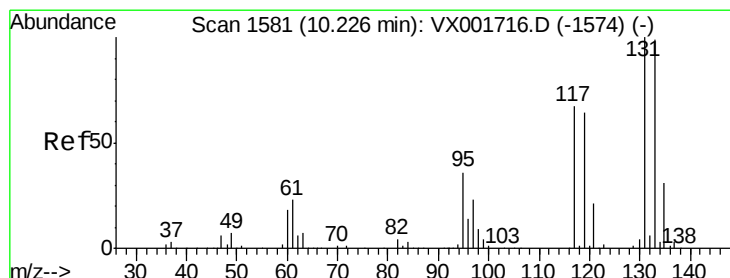
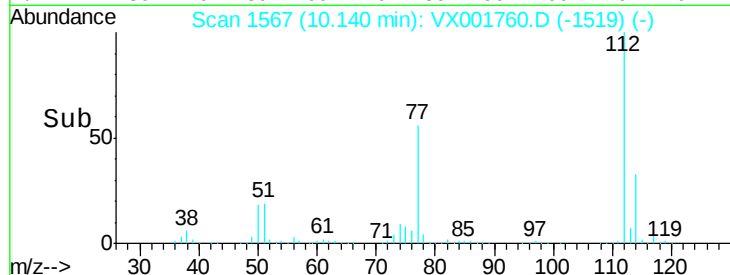
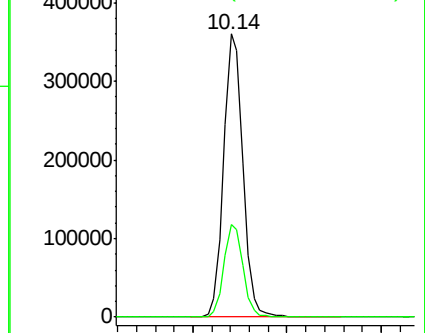
MMDadoda

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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: 52.21 ug/l

RT: 10.23 min Scan# 1581

Delta R.T. 0.00 min

Lab File: VX001760.D

Acq: 16 May 2018 11:17

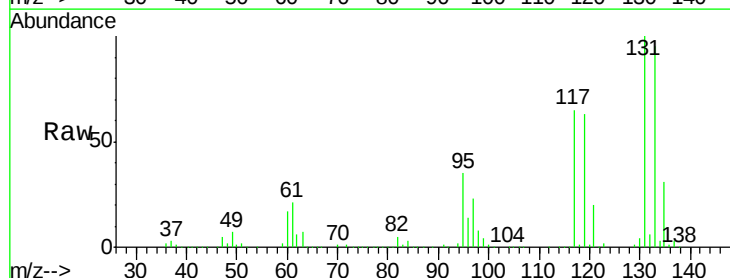
Tgt Ion:131 Resp: 192719

Ion Ratio Lower Upper

131 100

133 95.4 48.5 145.6

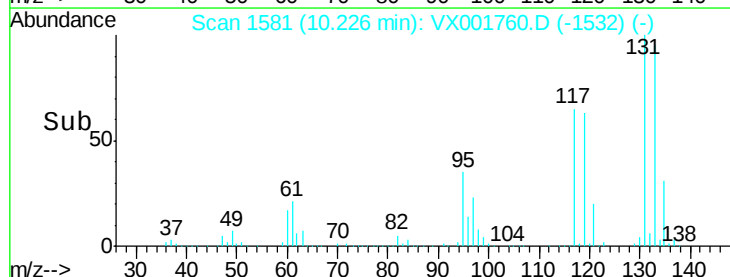
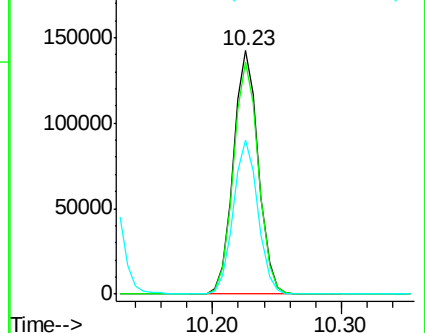
119 62.8 31.9 95.5

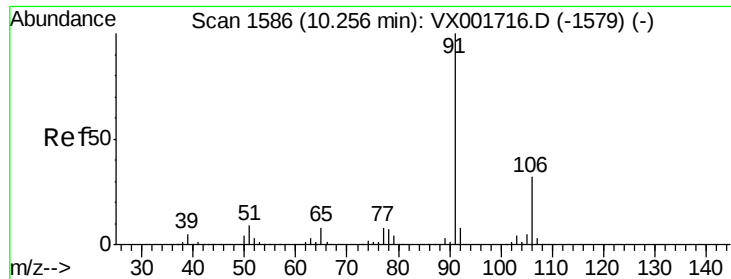


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





#67

Ethyl Benzene

Concen: 51.18 ug/l

RT: 10.26 min Scan# 1586

Delta R.T. 0.00 min

Lab File: VX001760.D

Acq: 16 May 2018 11:17

Instrument :

MSVOA_X

ClientSampled :

VSTDCCC050

Tot Ion: 91 Resp: 854811

Ion Ratio Lower Upper

91 100

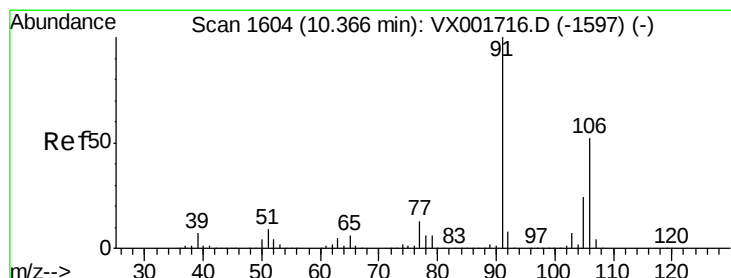
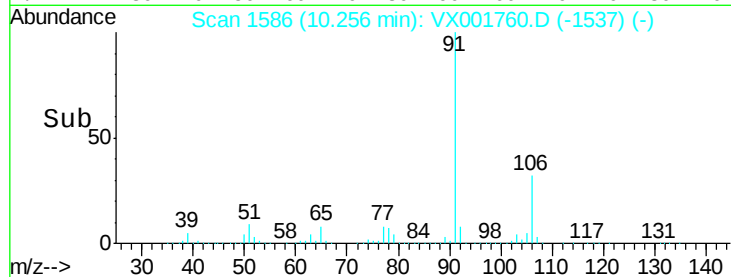
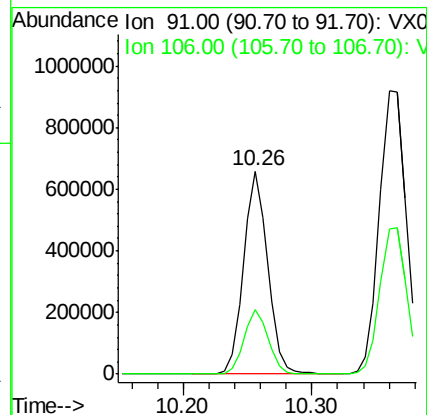
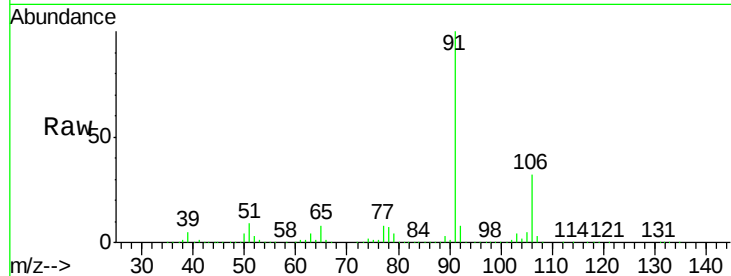
106 32.0 25.7 38.5

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#68

m/p-Xylenes

Concen: 104.79 ug/l

RT: 10.37 min Scan# 1604

Delta R.T. 0.00 min

Lab File: VX001760.D

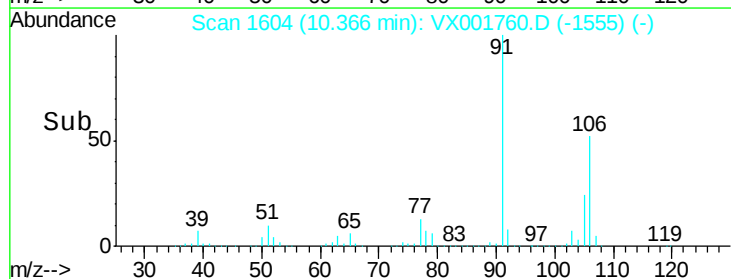
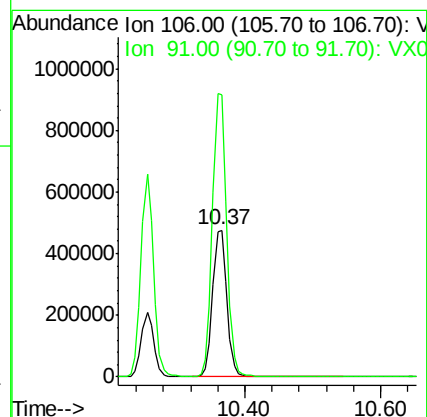
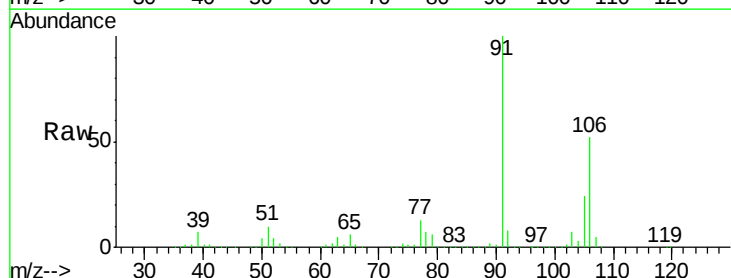
Acq: 16 May 2018 11:17

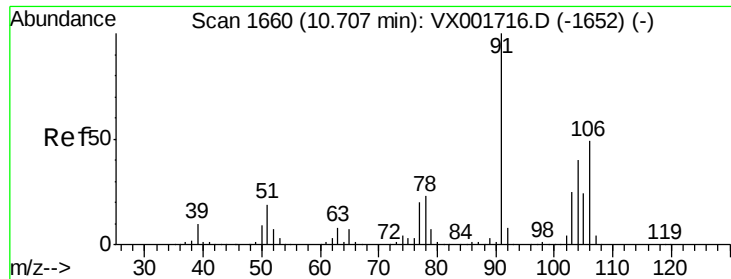
Tgt Ion: 106 Resp: 690478

Ion Ratio Lower Upper

106 100

91 193.6 155.4 233.2





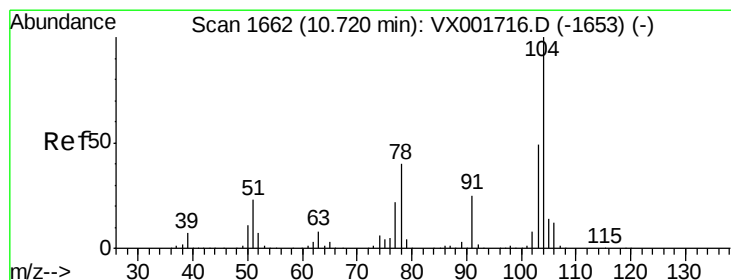
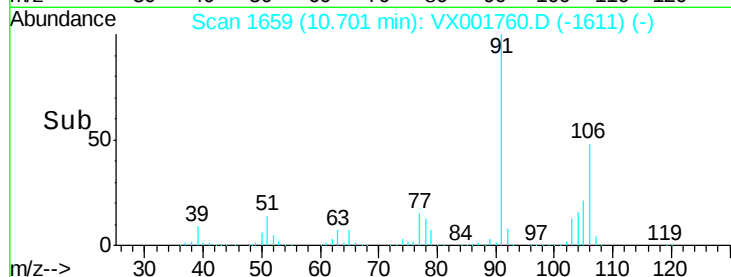
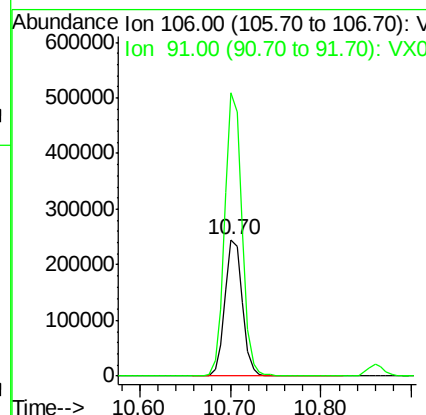
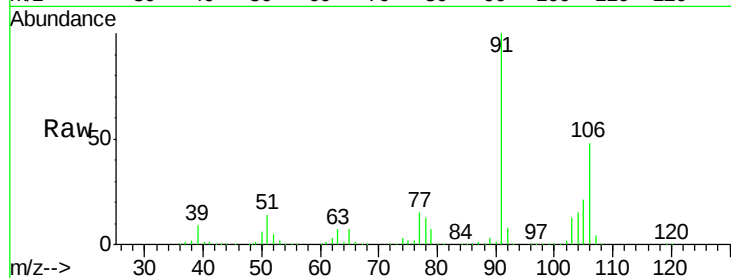
#69
o-Xylene
Concen: 52.30 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. -0.01 min
Lab File: VX001760.D
Acq: 16 May 2018 11:17

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:106 Resp: 330018
Ion Ratio Lower Upper
106 100
91 205.3 103.4 310.2

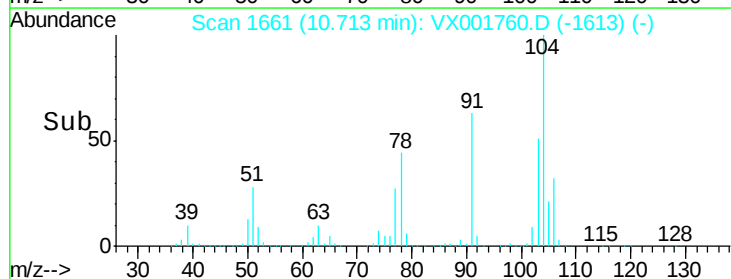
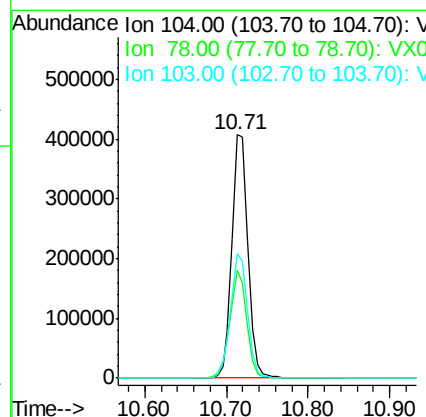
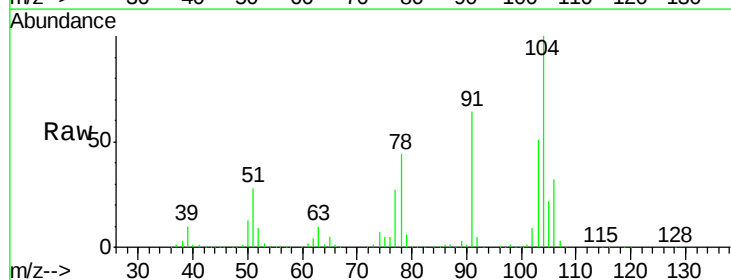
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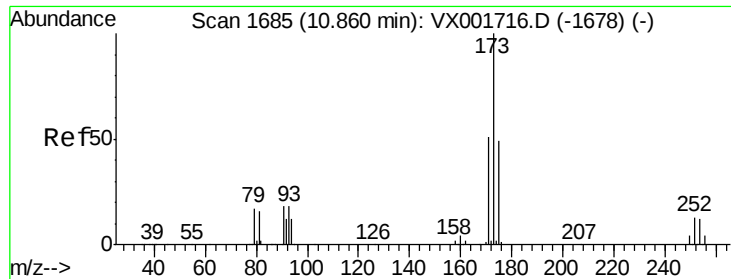
MMDadoda
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#70
Styrene
Concen: 52.94 ug/l
RT: 10.71 min Scan# 1661
Delta R.T. -0.01 min
Lab File: VX001760.D
Acq: 16 May 2018 11:17

Tgt Ion:104 Resp: 550968
Ion Ratio Lower Upper
104 100
78 46.4 37.3 55.9
103 54.3 43.7 65.5





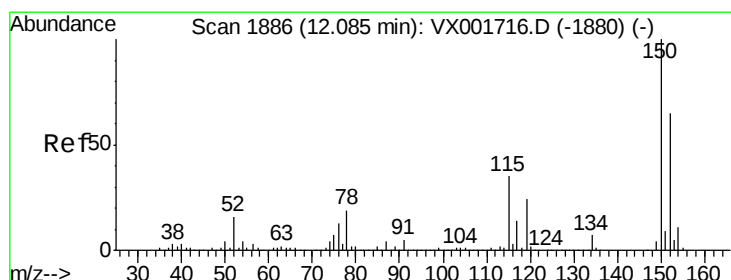
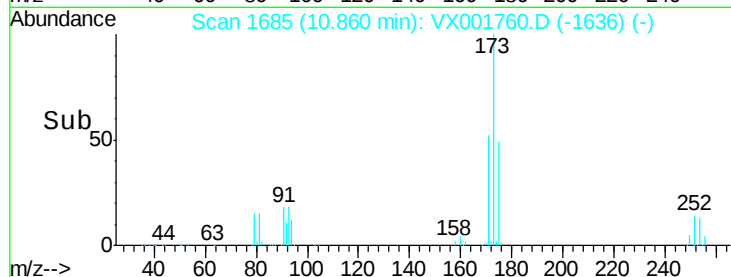
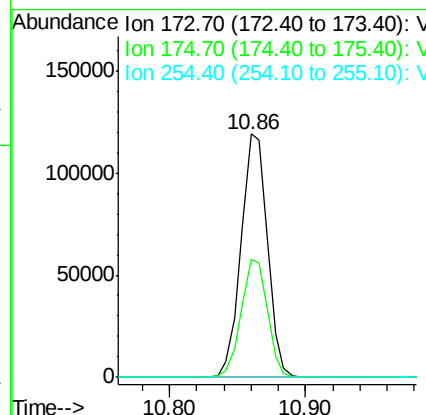
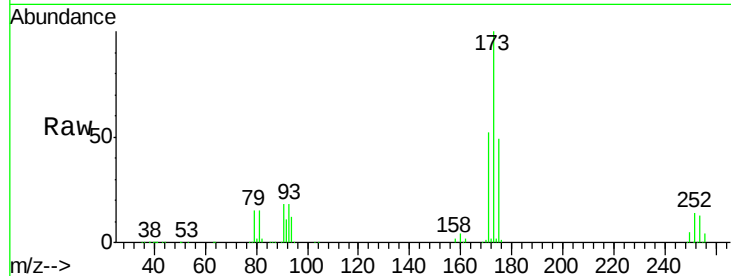
#71
Bromoform
Concen: 46.85 ug/l
RT: 10.86 min Scan# 1685
Delta R.T. 0.00 min
Lab File: VX001760.D
Acq: 16 May 2018 11:17

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

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

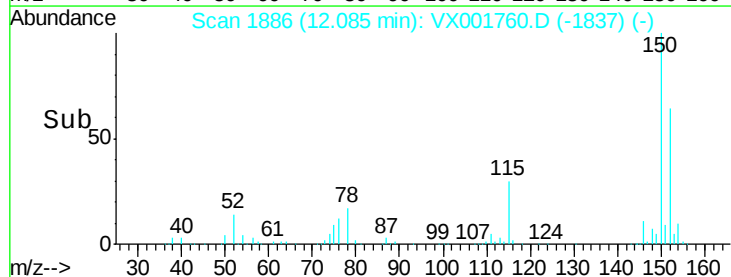
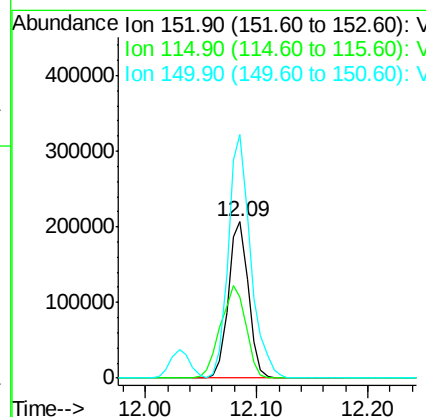
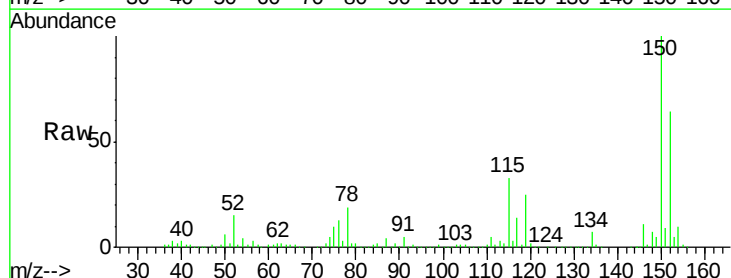
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#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.09 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX001760.D
Acq: 16 May 2018 11:17

Tgt Ion	Ratio	Lower	Upper
152	100		
115	75.0	37.4	112.2
150	173.1	0.0	344.8





#73

Isopropylbenzene

Concen: 52.90 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. 0.00 min

Lab File: VX001760.D

Acq: 16 May 2018 11:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:105 Resp: 893275

Ion Ratio Lower Upper

105 100

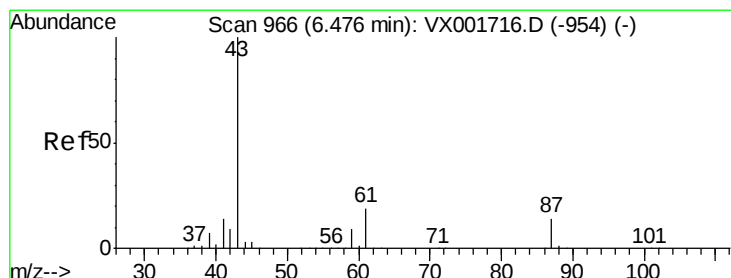
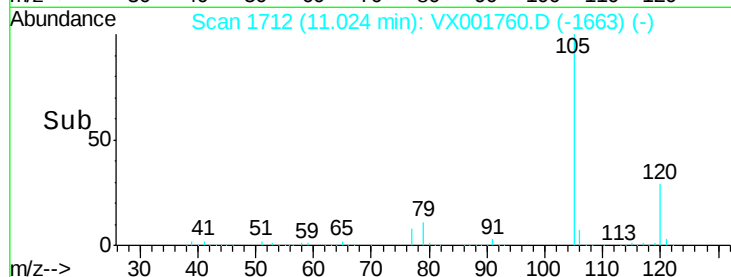
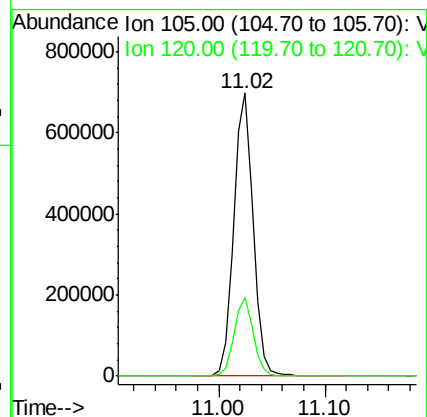
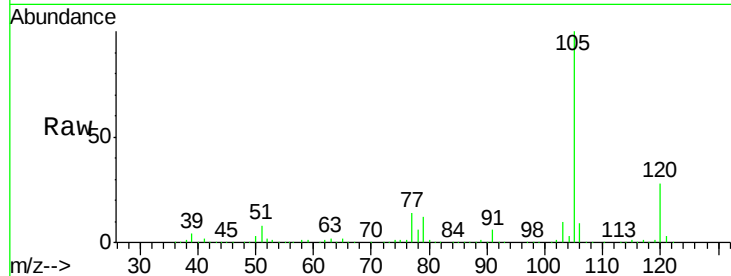
120 27.3 13.8 41.3

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#74

N-ethyl acetate

Concen: 50.80 ug/l

RT: 6.47 min Scan# 965

Delta R.T. -0.01 min

Lab File: VX001760.D

Acq: 16 May 2018 11:17

Tgt Ion: 43 Resp: 411247

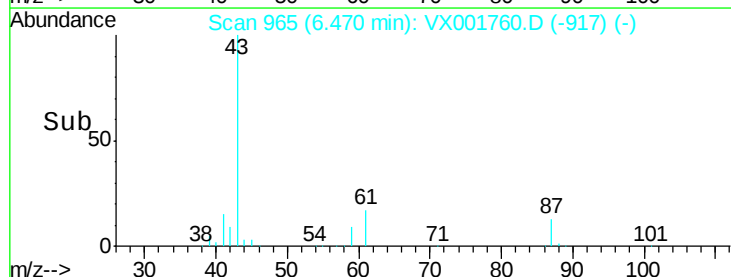
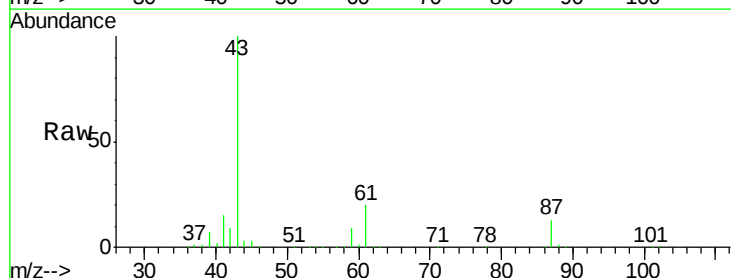
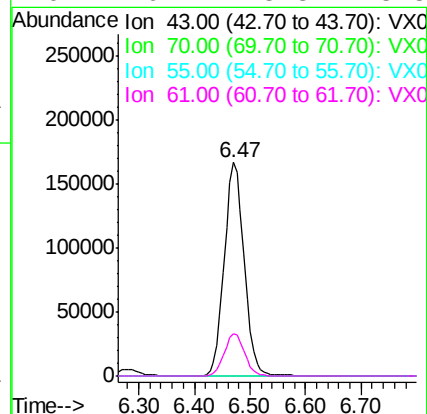
Ion Ratio Lower Upper

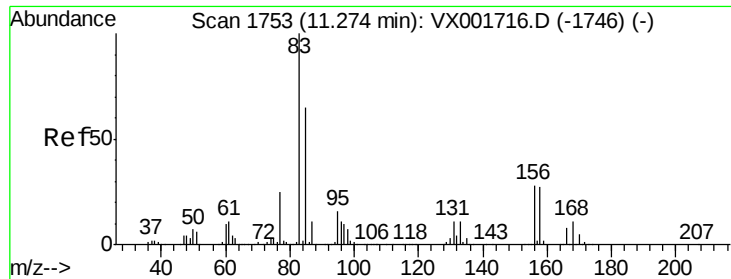
43 100

70 0.0 0.0 0.0

55 0.0 0.1 0.1#

61 20.2 15.8 23.8





#75

1,1,2,2-Tetrachloroethane

Concen: 48.22 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. 0.00 min

Lab File: VX001760.D

Acq: 16 May 2018 11:17

Instrument :

MSVOA_X

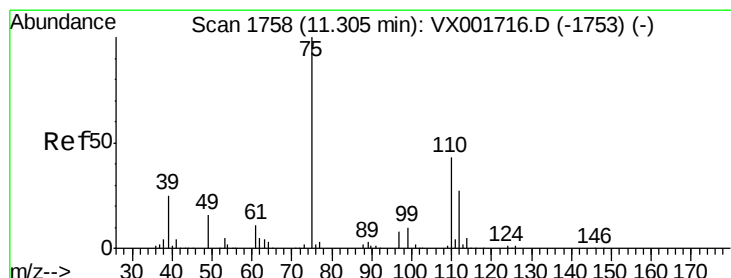
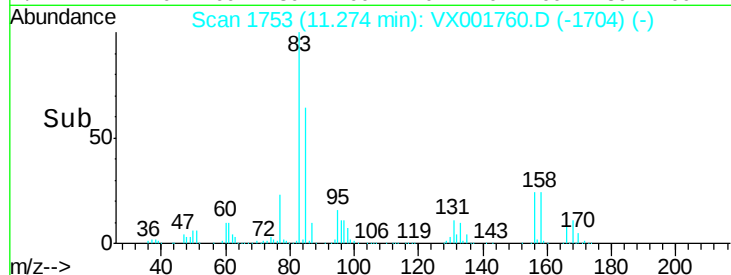
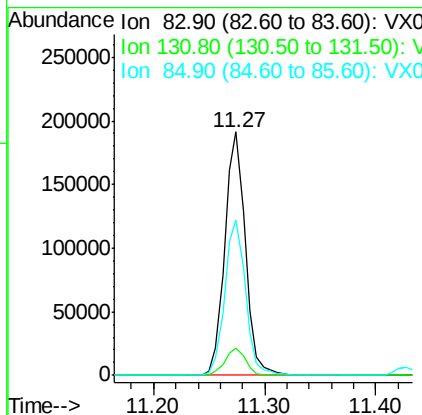
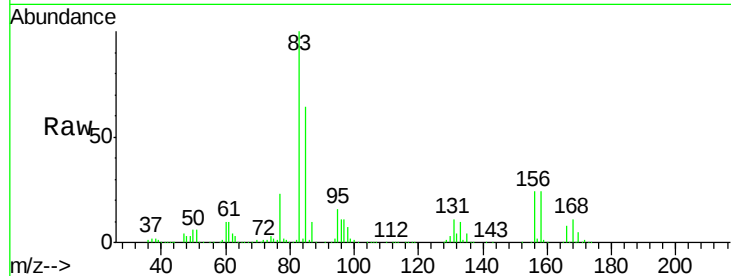
ClientSampled :

VSTDCCC050

Tot Ion:	83	Resp:	244213
Ion Ratio	Lower	Upper	
83	100		
131	11.4	5.7	17.0
85	64.5	32.7	98.1

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#76

1,2,3-Trichloropropane

Concen: 51.51 ug/l m

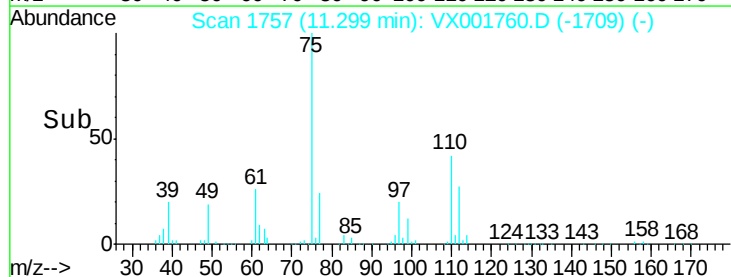
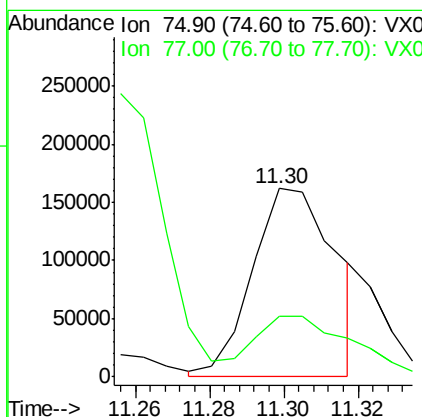
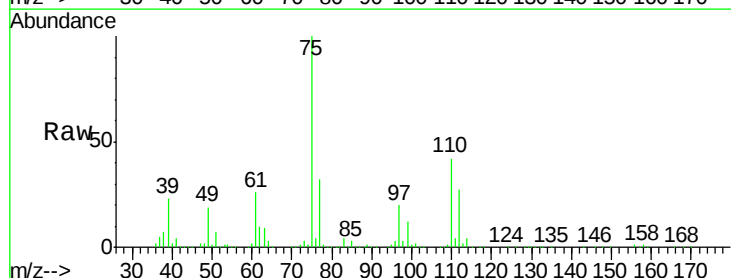
RT: 11.30 min Scan# 1757

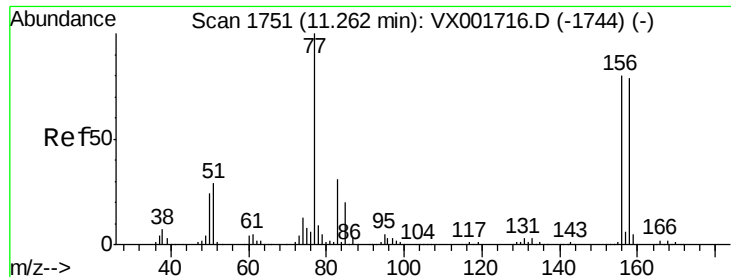
Delta R.T. -0.01 min

Lab File: VX001760.D

Acq: 16 May 2018 11:17

Tgt Ion:	75	Resp:	251143
Ion Ratio	Lower	Upper	
75	100		
77	39.0	18.9	56.7





#77

Bromobenzene

Concen: 50.01 ug/l

RT: 11.26 min Scan# 1751

Delta R.T. 0.00 min

Lab File: VX001760.D

Acq: 16 May 2018 11:17

Instrument :

MSVOA_X

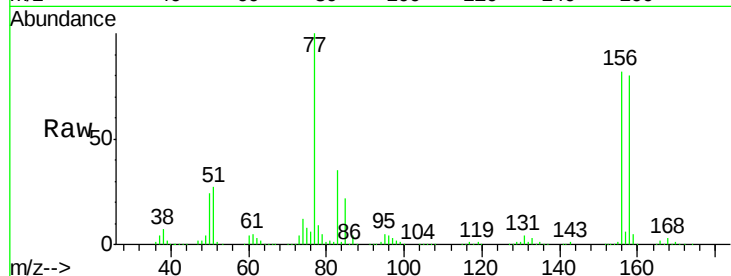
ClientSampleId :

VSTDCCC050

Tot Ion:	156	Resp:	248110
Ion Ratio	Lower	Upper	
156	100		
77	128.9	65.3	196.0
158	97.5	49.1	147.3

Manual Integrations
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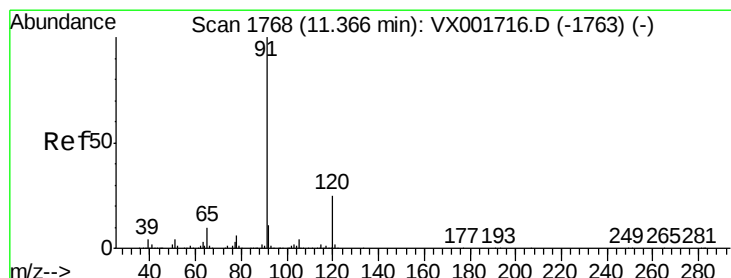
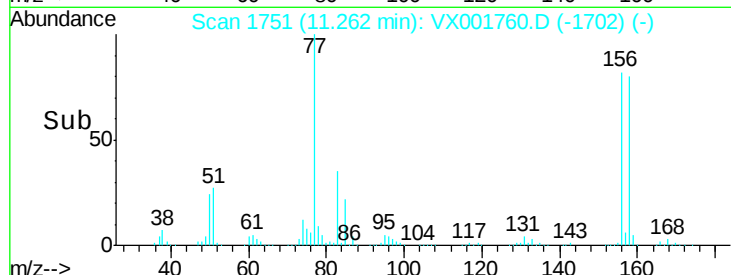
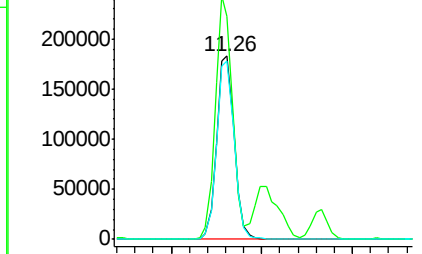
MMDadoda
5/17/2018 9:32:10 AM



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 52.84 ug/l

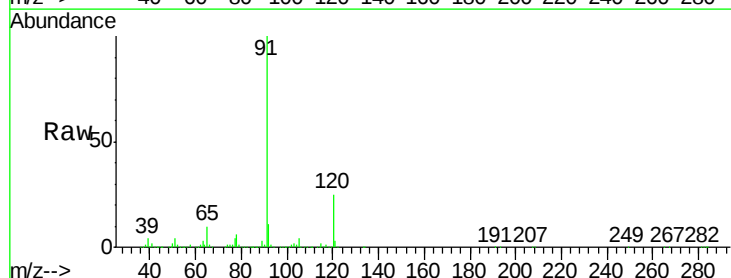
RT: 11.37 min Scan# 1768

Delta R.T. 0.00 min

Lab File: VX001760.D

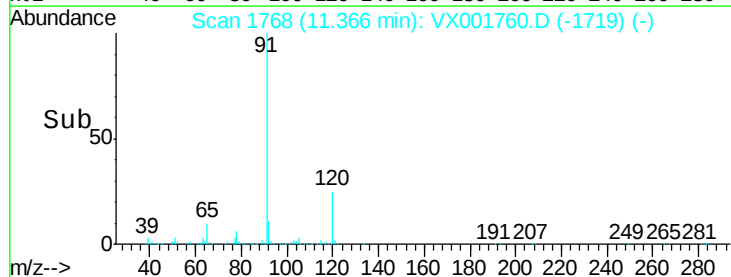
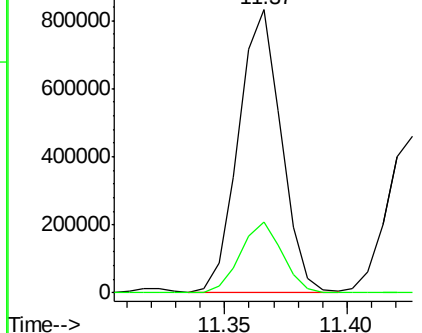
Acq: 16 May 2018 11:17

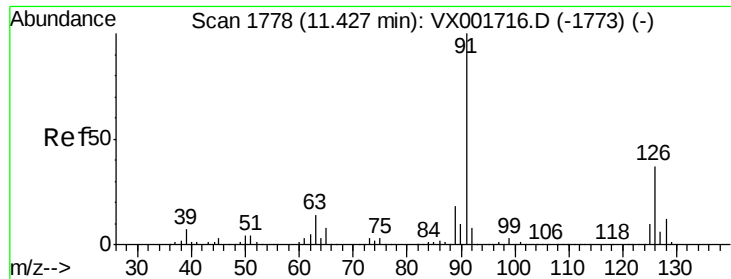
Tgt Ion:	91	Resp:	1005113
Ion Ratio	Lower	Upper	
91	100		
120	24.9	12.5	37.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 51.35 ug/l

RT: 11.43 min Scan# 1778

Delta R.T. 0.00 min

Lab File: VX001760.D

Acq: 16 May 2018 11:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 91 Resp: 584267

Ion Ratio Lower Upper

91 100

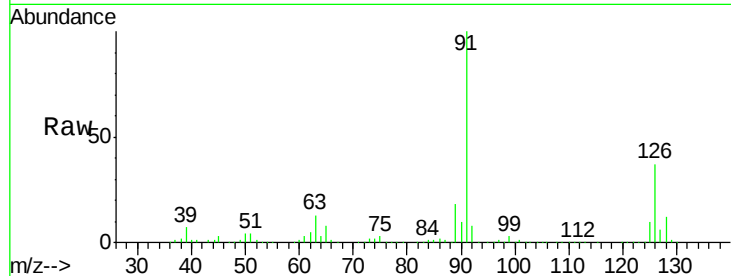
126 37.2 18.4 55.4

Manual Integrations

APPROVED

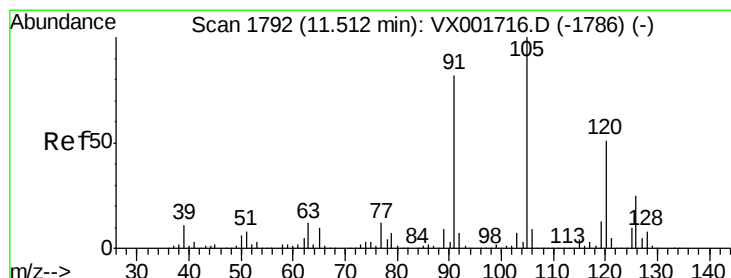
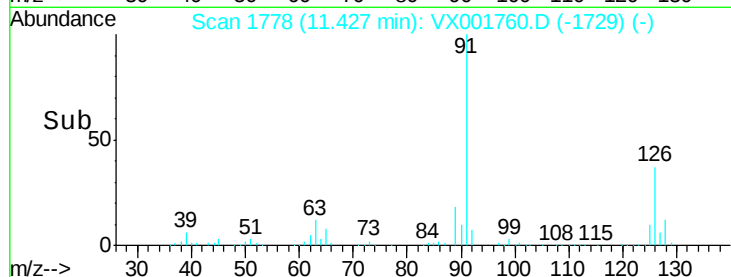
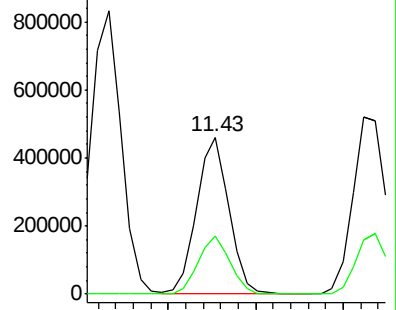
MMDadoda

5/17/2018 9:32:10 AM



Abundance Ion 91.00 (90.70 to 91.70): VX001716.D (-1773) (-)

Ion 125.90 (125.60 to 126.60): VX001716.D (-1773) (-)



#80

1,3,5-Trimethylbenzene

Concen: 54.08 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX001760.D

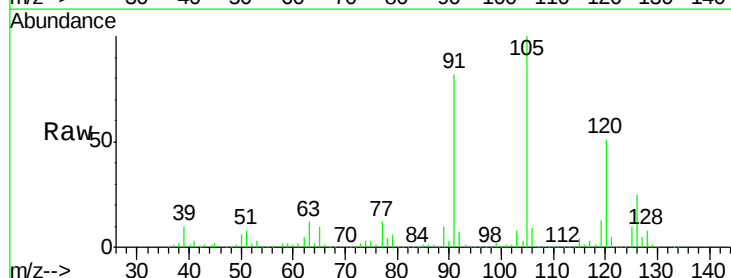
Acq: 16 May 2018 11:17

Tgt Ion: 105 Resp: 749088

Ion Ratio Lower Upper

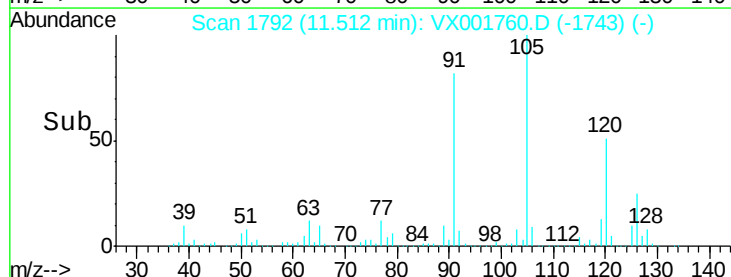
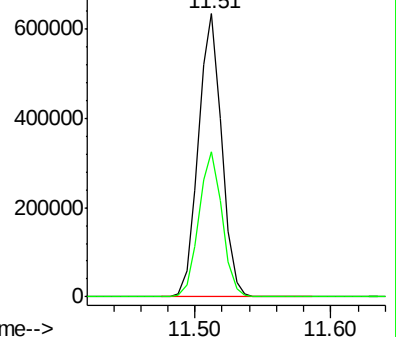
105 100

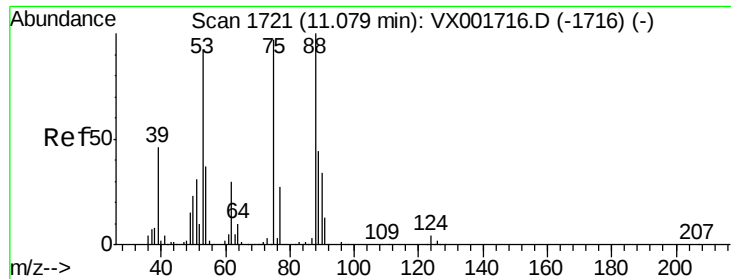
120 51.3 25.7 77.0



Abundance Ion 105.00 (104.70 to 105.70): VX001716.D (-1786) (-)

Ion 120.00 (119.70 to 120.70): VX001716.D (-1786) (-)





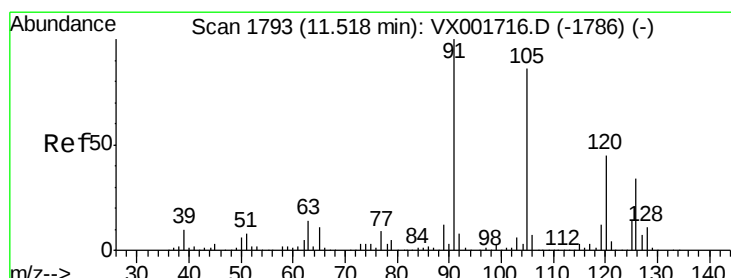
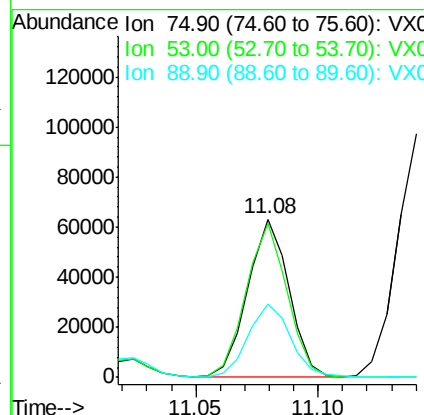
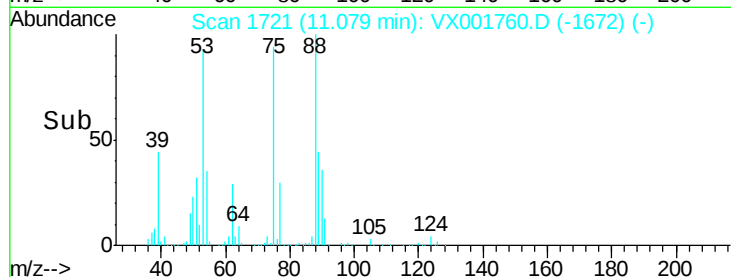
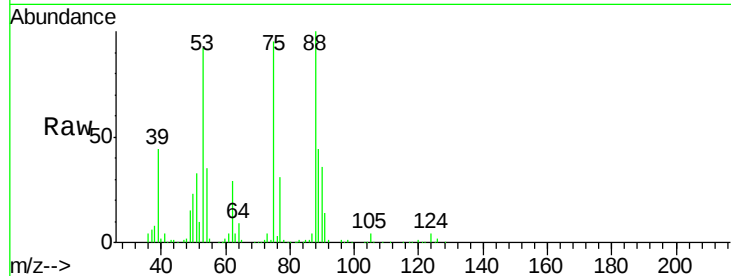
#81
trans-1,4-Dichloro-2-butene
Concen: 45.55 ug/l
RT: 11.08 min Scan# 1721
Delta R.T. 0.00 min
Lab File: VX001760.D
Acq: 16 May 2018 11:17

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
75	100		
53	97.3	79.4	119.2
89	48.4	38.8	58.2

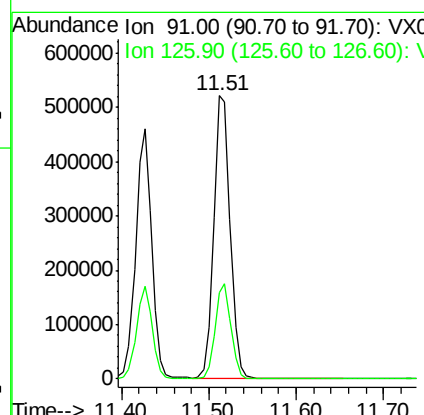
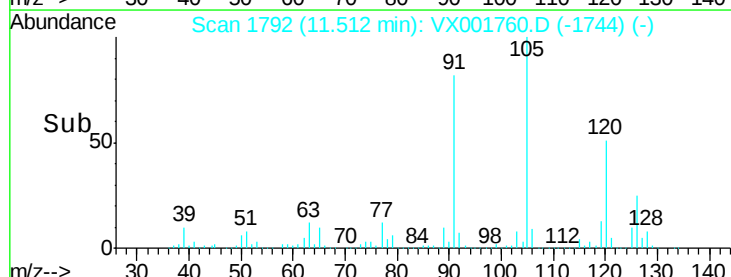
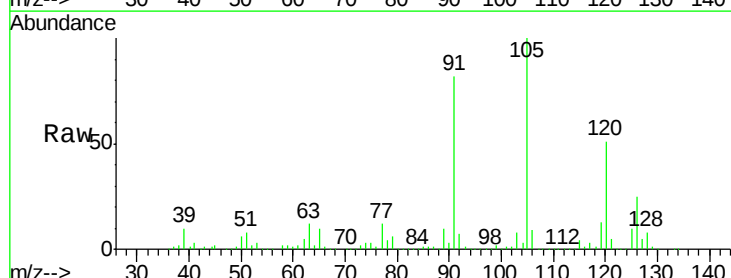
Manual Integrations
APPROVED

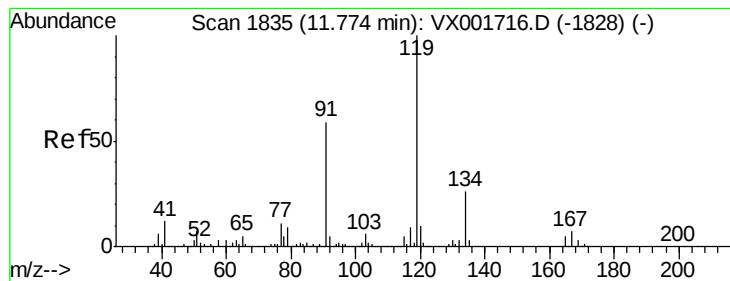
MMDadoda
5/17/2018 9:32:10 AM



#82
4-Chlorotoluene
Concen: 50.97 ug/l
RT: 11.51 min Scan# 1792
Delta R.T. -0.01 min
Lab File: VX001760.D
Acq: 16 May 2018 11:17

Tgt Ion	Ratio	Lower	Upper
91	100		
126	32.3	16.4	49.1





#83

tert-Butylbenzene

Concen: 53.16 ug/l

RT: 11.77 min Scan# 1835

Delta R.T. 0.00 min

Lab File: VX001760.D

Acq: 16 May 2018 11:17

Instrument :

MSVOA_X

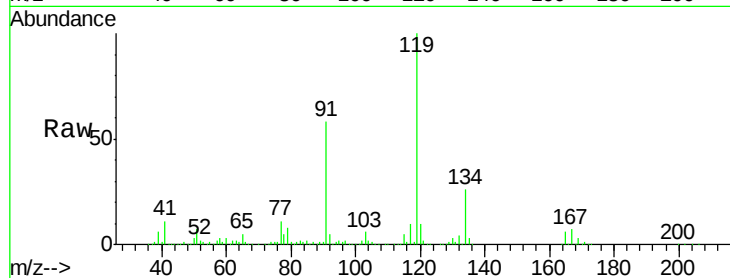
ClientSampleId :

VSTDCCC050

Tot Ion:	119	Resp:	732877
Ion Ratio	Lower	Upper	
119	100		
91	55.5	27.7	83.0
134	25.0	12.7	38.1

Manual Integrations
APPROVED

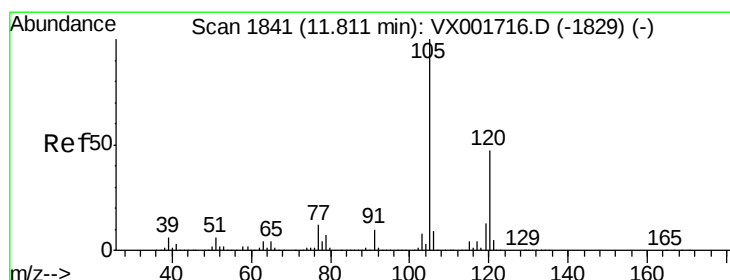
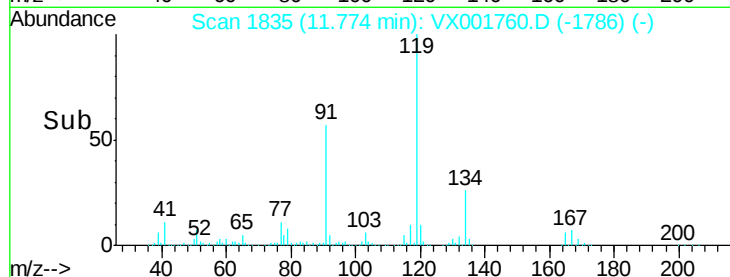
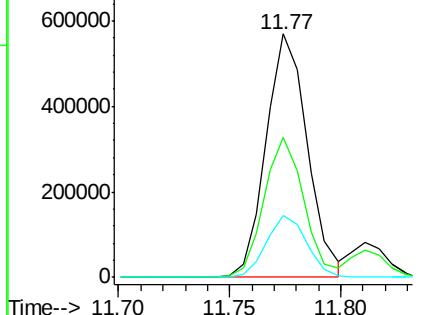
MMDadoda
5/17/2018 9:32:10 AM



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VX0

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 53.95 ug/l

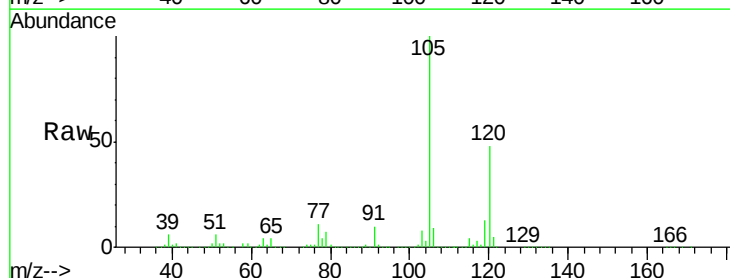
RT: 11.81 min Scan# 1841

Delta R.T. 0.00 min

Lab File: VX001760.D

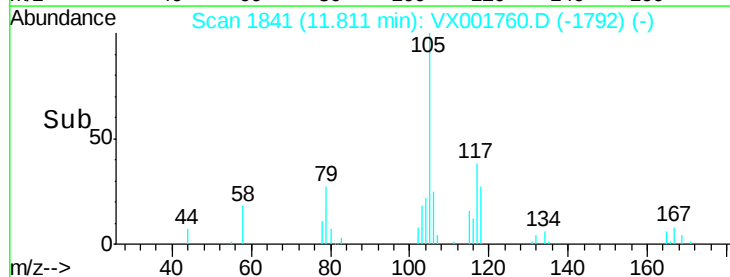
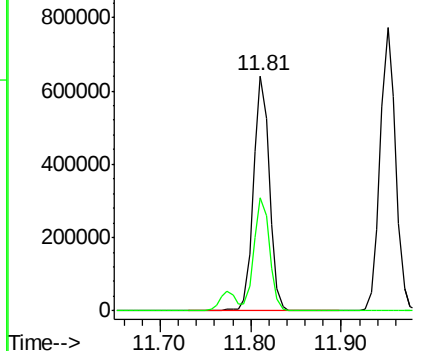
Acq: 16 May 2018 11:17

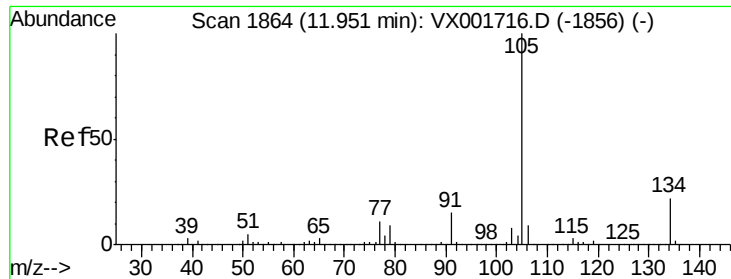
Tgt Ion:	105	Resp:	773958
Ion Ratio	Lower	Upper	
105	100		
120	47.0	23.5	70.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 53.92 ug/l

RT: 11.95 min Scan# 1864

Delta R.T. 0.00 min

Lab File: VX001760.D

Acq: 16 May 2018 11:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:105 Resp: 917563

Ion Ratio Lower Upper

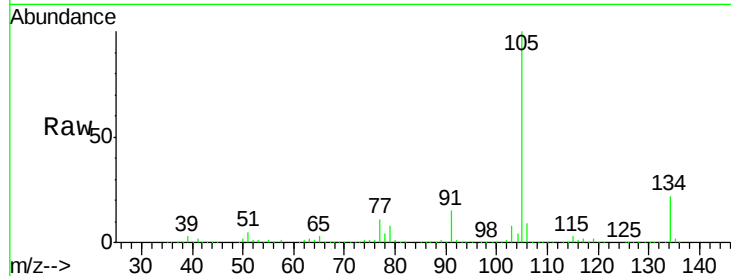
105 100

134 21.7 10.9 32.6

Manual Integrations
APPROVED

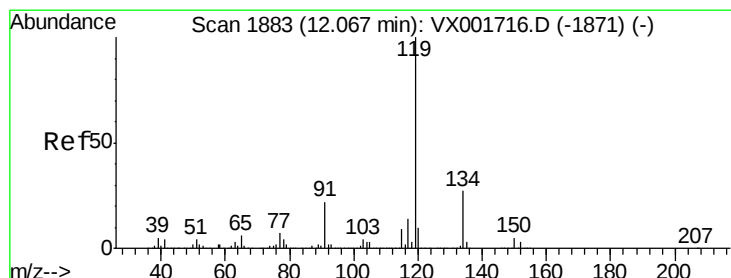
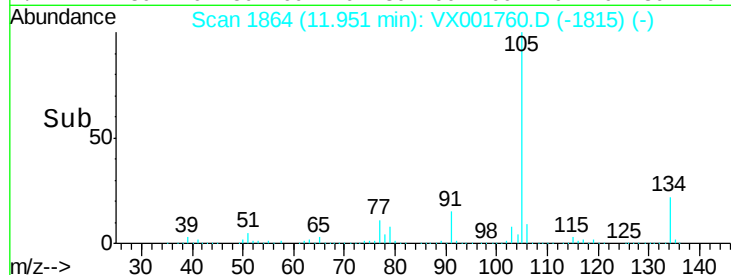
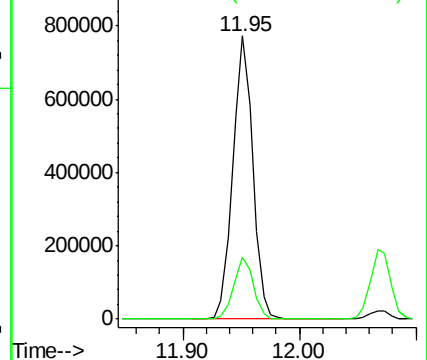
MMDadoda

5/17/2018 9:32:10 AM



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 53.96 ug/l

RT: 12.07 min Scan# 1883

Delta R.T. 0.00 min

Lab File: VX001760.D

Acq: 16 May 2018 11:17

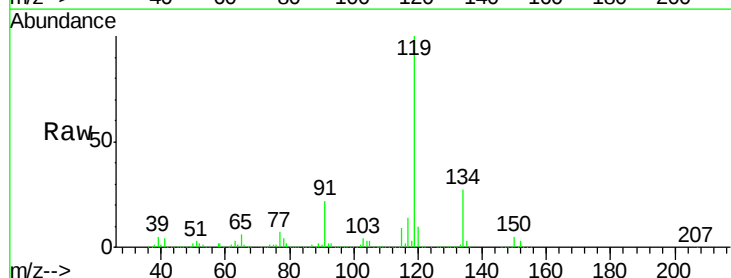
Tgt Ion:119 Resp: 849563

Ion Ratio Lower Upper

119 100

134 27.0 13.6 40.8

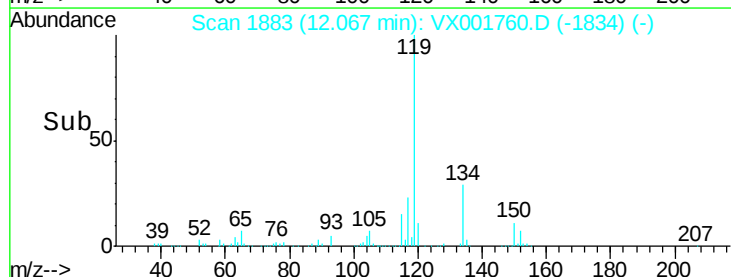
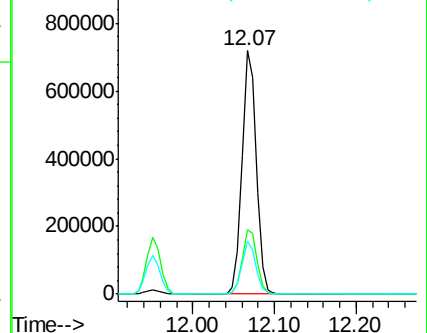
91 21.2 10.7 32.1



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





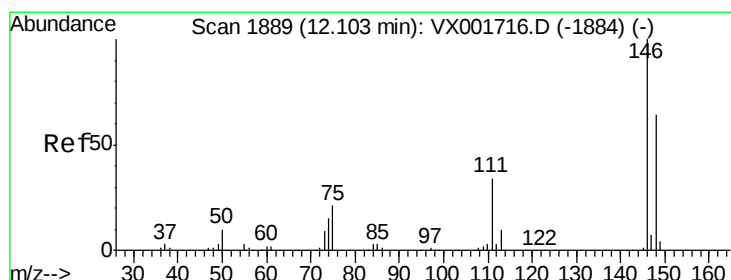
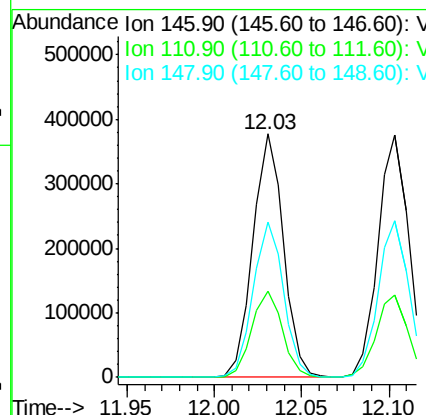
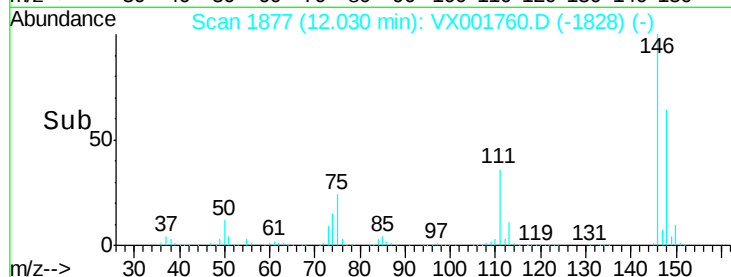
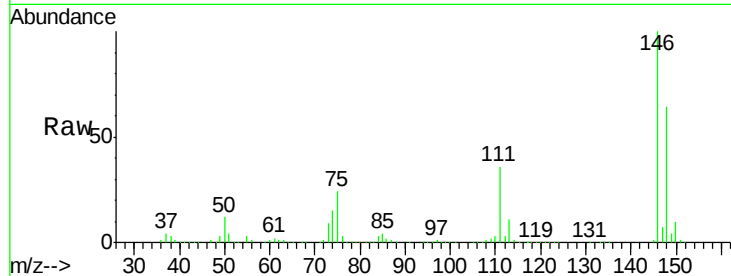
#87
 1,3-Dichlorobenzene
 Concen: 49.98 ug/l
 RT: 12.03 min Scan# 1877
 Delta R.T. 0.00 min
 Lab File: VX001760.D
 Acq: 16 May 2018 11:17

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	35.7	17.8	53.4
148	63.7	32.1	96.3

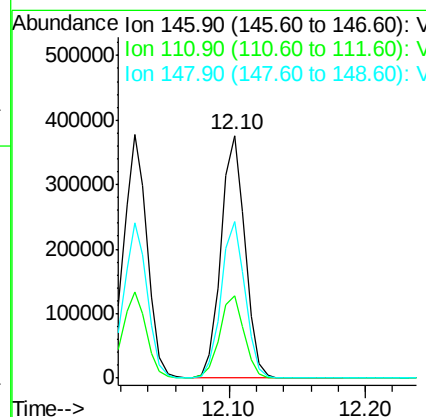
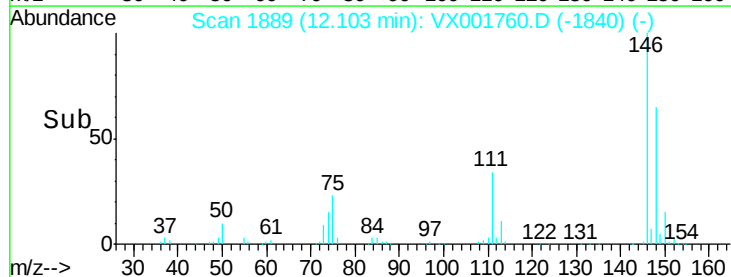
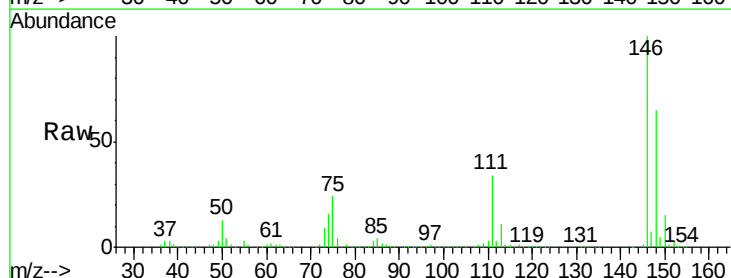
Manual Integrations
 APPROVED

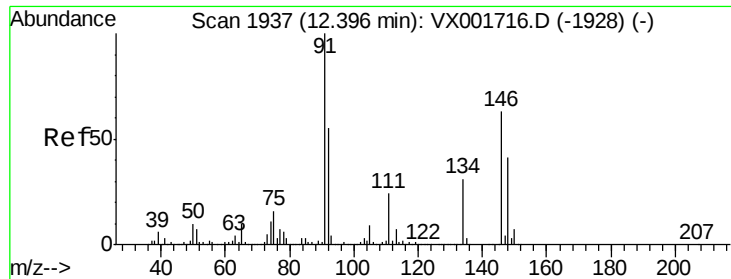
MMDadoda
 5/17/2018 9:32:10 AM



#88
 1,4-Dichlorobenzene
 Concen: 48.43 ug/l
 RT: 12.10 min Scan# 1889
 Delta R.T. 0.00 min
 Lab File: VX001760.D
 Acq: 16 May 2018 11:17

Tgt Ion	Ratio	Lower	Upper
146	100		
111	34.7	17.3	52.0
148	64.4	32.3	96.9





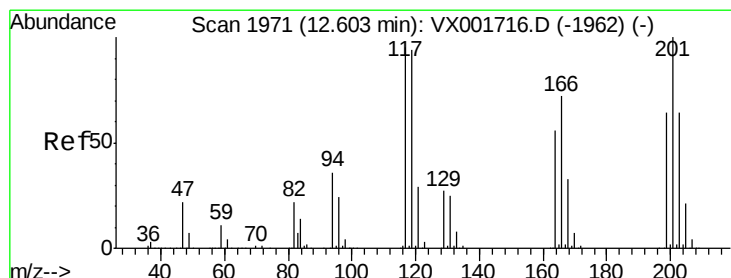
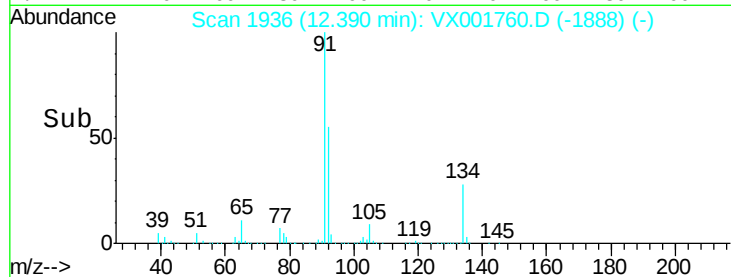
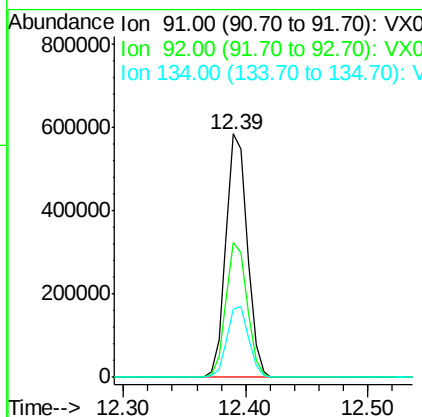
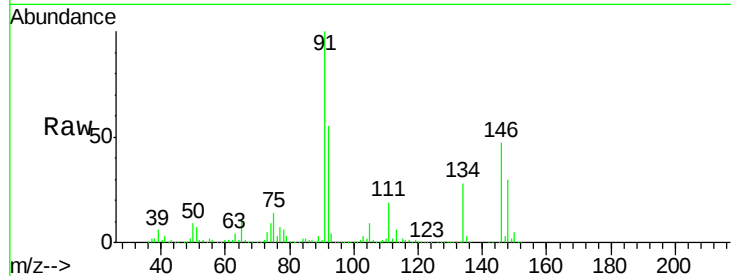
#89
n-Butylbenzene
Concen: 51.82 ug/l
RT: 12.39 min Scan# 1936
Delta R.T. -0.01 min
Lab File: VX001760.D
Acq: 16 May 2018 11:17

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

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

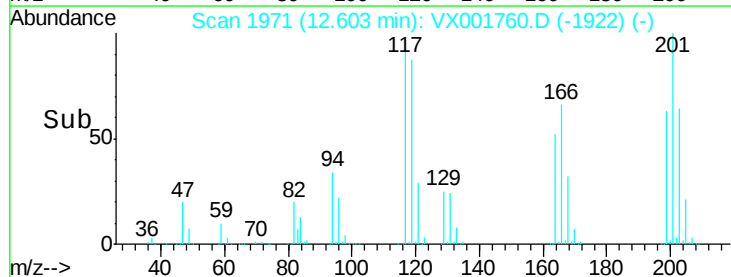
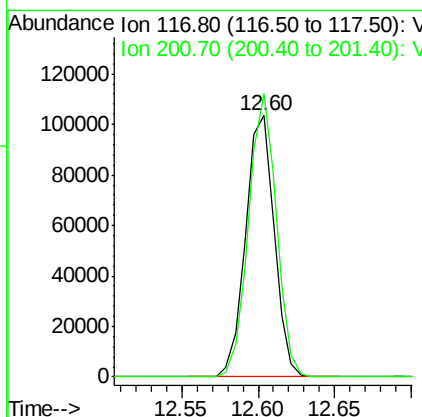
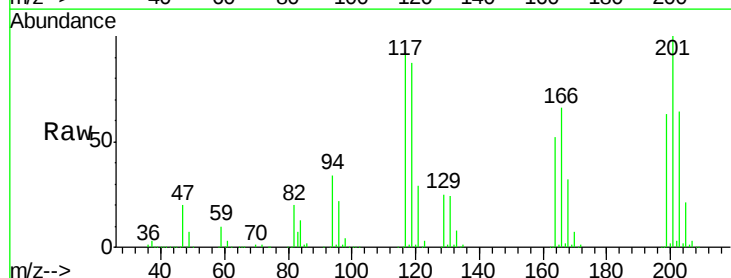
Manual Integrations
APPROVED

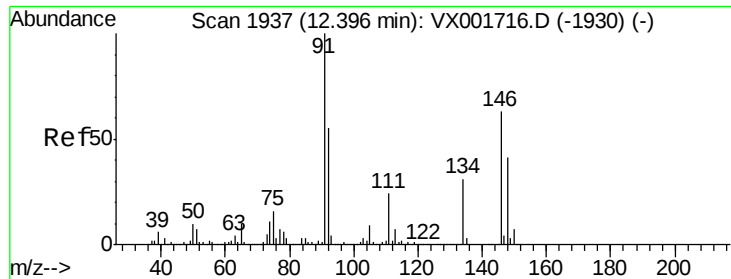
MMDadoda
5/17/2018 9:32:10 AM



#90
Hexachloroethane
Concen: 55.10 ug/l
RT: 12.60 min Scan# 1971
Delta R.T. 0.00 min
Lab File: VX001760.D
Acq: 16 May 2018 11:17

Tgt Ion	Ratio	Lower	Upper
117	100		
201	104.9	51.9	155.7





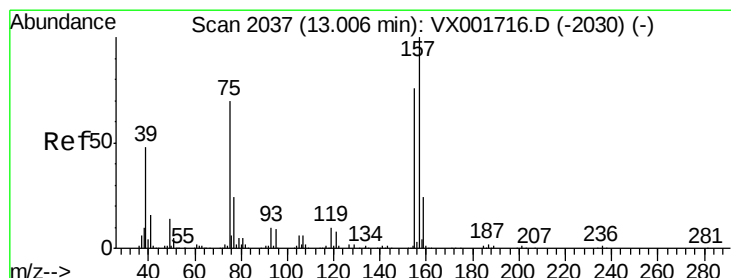
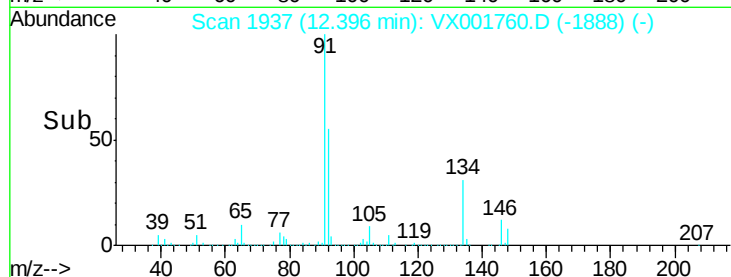
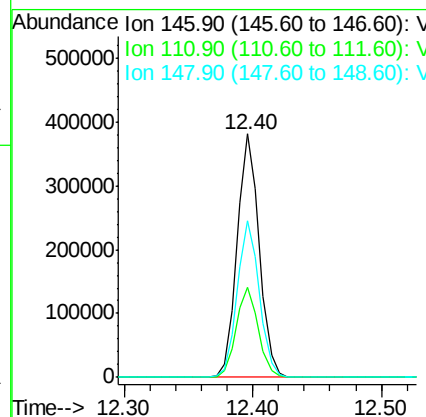
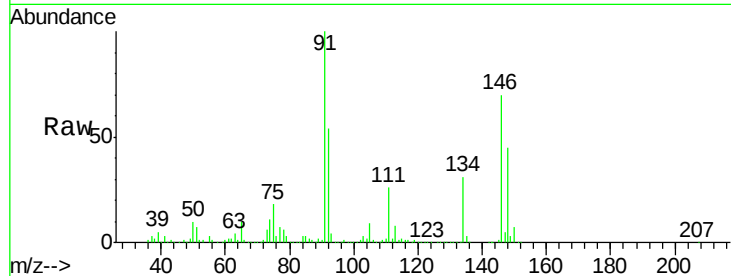
#91
 1,2-Dichlorobenzene
 Concen: 50.12 ug/l
 RT: 12.40 min Scan# 1937
 Delta R.T. 0.00 min
 Lab File: VX001760.D
 Acq: 16 May 2018 11:17

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
146	100	458198		
111	37.0	18.6	56.0	
148	64.2	32.4	97.0	

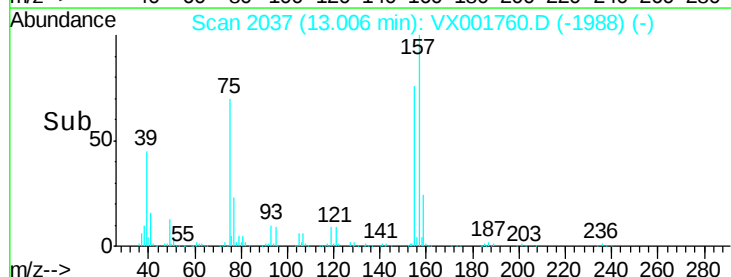
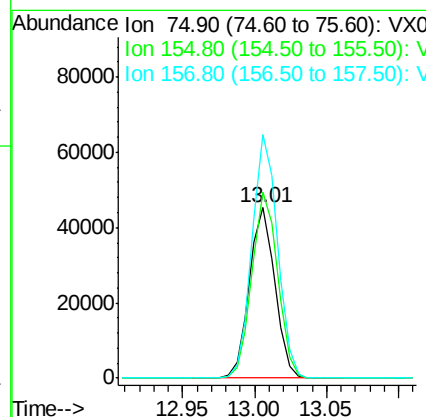
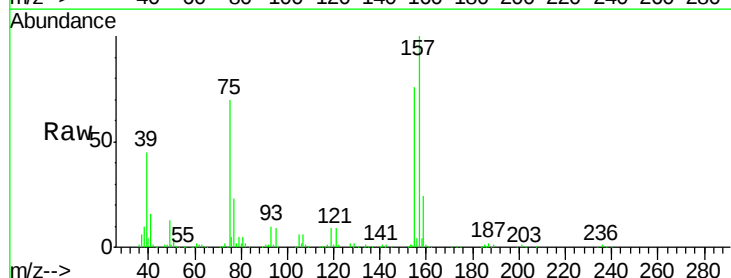
Manual Integrations
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 5/17/2018 9:32:10 AM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 51.34 ug/l
 RT: 13.01 min Scan# 2037
 Delta R.T. 0.00 min
 Lab File: VX001760.D
 Acq: 16 May 2018 11:17

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	55506		
155	109.6	53.9	161.8	
157	142.2	71.0	213.2	





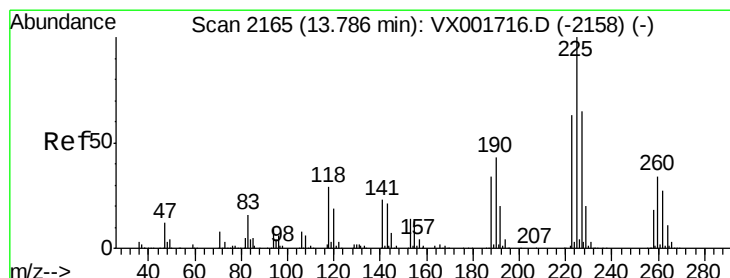
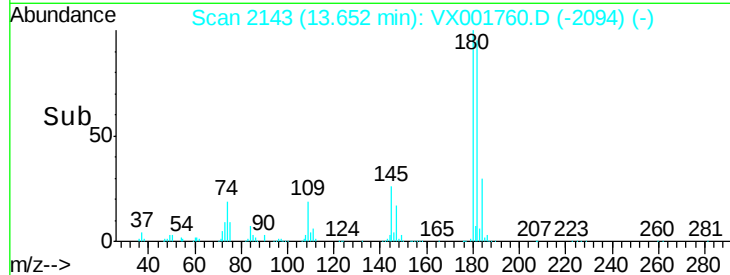
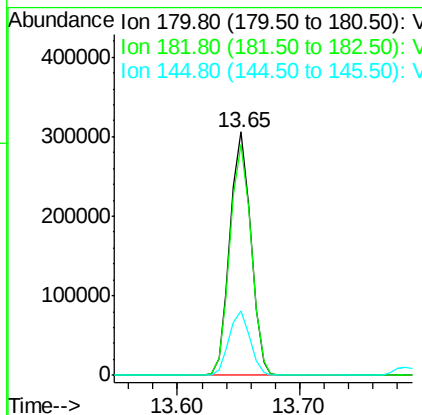
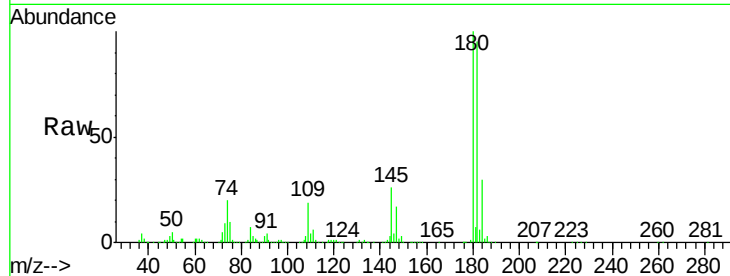
#93
 1,2,4-Trichlorobenzene
 Concen: 49.48 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. 0.00 min
 Lab File: VX001760.D
 Acq: 16 May 2018 11:17

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
180	100	360551		
182	96.2	47.6	142.9	
145	26.6	13.4	40.1	

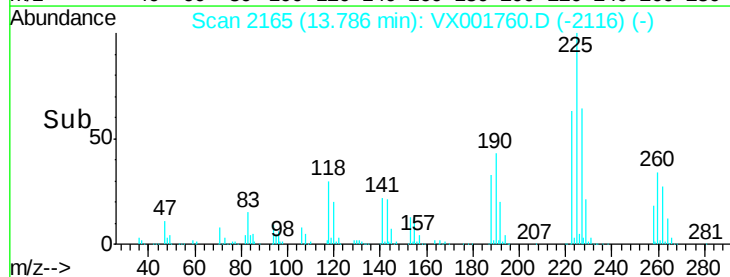
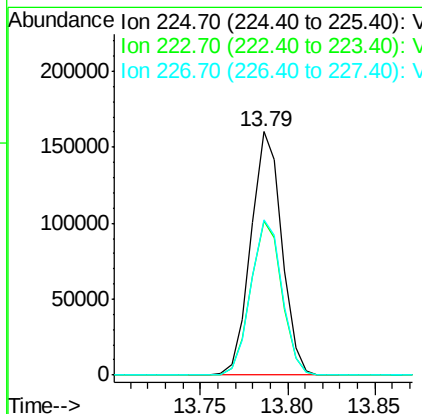
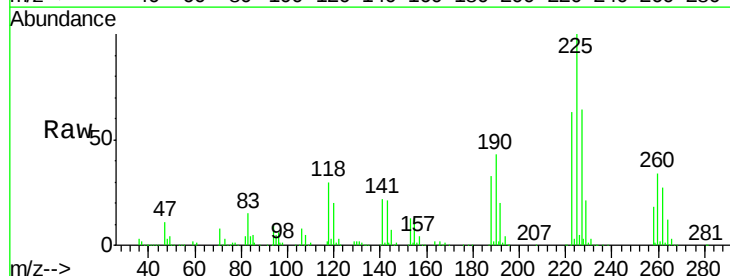
Manual Integrations
 APPROVED

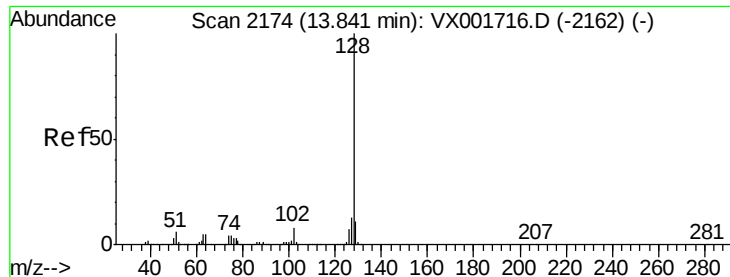
MMDadoda
 5/17/2018 9:32:10 AM



#94
 Hexachlorobutadiene
 Concen: 50.16 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. 0.00 min
 Lab File: VX001760.D
 Acq: 16 May 2018 11:17

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	196253		
223	63.7	31.1	93.5	
227	64.4	31.9	95.5	





#95

Naphthalene

Concen: 50.97 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. 0.00 min

Lab File: VX001760.D

Acq: 16 May 2018 11:17

Instrument :

MSVOA_X

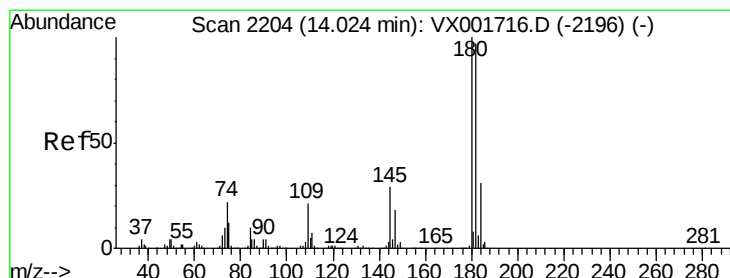
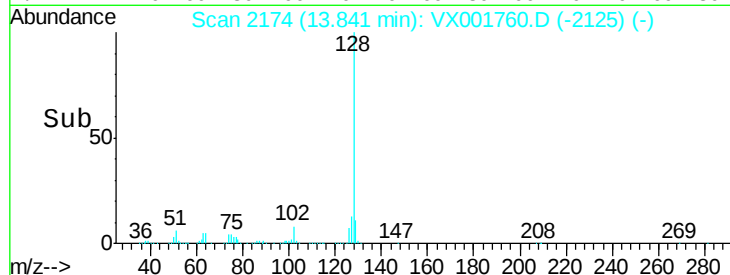
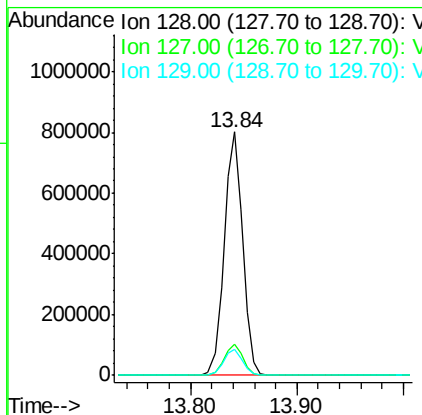
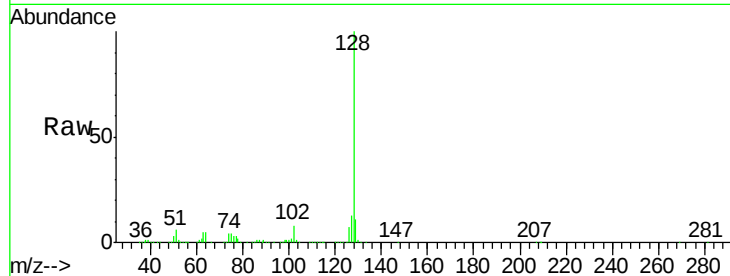
ClientSampleId :

VSTDCCC050

Tot Ion:	128	Resp:	965456
Ion Ratio	Lower	Upper	
128	100		
127	12.9	10.2	15.4
129	11.0	8.9	13.3

Manual Integrations
APPROVED

MMDadoda
5/17/2018 9:32:10 AM



#96

1,2,3-Trichlorobenzene

Concen: 49.81 ug/l

RT: 14.02 min Scan# 2204

Delta R.T. 0.00 min

Lab File: VX001760.D

Acq: 16 May 2018 11:17

Tgt Ion:	180	Resp:	365531
Ion Ratio	Lower	Upper	
180	100		
182	96.0	47.9	143.7
145	28.0	14.2	42.8

