

Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX060118\
 Data File : VX002215.D
 Acq On : 01 Jun 2018 13:59
 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
 6/4/2018 2:31:31 PM

Quant Time: Jun 02 03:28:51 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X052418W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 24 13:09:03 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	199471	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	279082	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	264642	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	189355	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	200121	56.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	112.26%	
35) Dibromofluoromethane	5.51	113	149575	53.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.20%	
50) Toluene-d8	8.72	98	580641	57.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	114.94%	
62) 4-Bromofluorobenzene	11.14	95	232640	58.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	117.70%	

Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.20	85	99366	39.372	ug/l 97
3) Chloromethane	1.32	50	130135	42.402	ug/l 100
4) Vinyl Chloride	1.41	62	137310	46.336	ug/l 99
5) Bromomethane	1.64	94	80705	59.346	ug/l 99
6) Chloroethane	1.72	64	93109	53.299	ug/l 99
7) Trichlorofluoromethane	1.93	101	233868	52.552	ug/l 98
8) Diethyl Ether	2.19	74	93161	57.696	ug/l 97
9) 1,1,2-Trichlorotrifluoroet	2.39	101	136675	55.038	ug/l 96
10) Methyl Iodide	2.51	142	161125	47.953	ug/l 97
11) Tert butyl alcohol	3.07	59	187466	267.850	ug/l 99
12) 1,1-Dichloroethene	2.37	96	118052	50.775	ug/l 96
13) Acrolein	2.30	56	58629	193.745	ug/l 99
14) Allyl chloride	2.73	41	266411	54.588	ug/l 97
15) Acrylonitrile	3.15	53	409679	284.649	ug/l 99
16) Acetone	2.45	43	429947	312.449	ug/l 100
17) Carbon Disulfide	2.57	76	268366	40.106	ug/l 99
18) Methyl Acetate	2.78	43	210560	63.834	ug/l 100
19) Methyl tert-butyl Ether	3.21	73	499684	57.142	ug/l 99
20) Methylene Chloride	2.86	84	147635	62.377	ug/l 99
21) trans-1,2-Dichloroethene	3.17	96	130950	58.109	ug/l 99
22) Diisopropyl ether	3.87	45	523675	52.752	ug/l 96
23) Vinyl Acetate	3.82	43	2317527	281.574	ug/l 99
24) 1,1-Dichloroethane	3.70	63	269698	57.193	ug/l 99
25) 2-Butanone	4.71	43	572461	226.982	ug/l 98
26) 2,2-Dichloropropane	4.59	77	199921	41.886	ug/l 100
27) cis-1,2-Dichloroethene	4.60	96	139387	45.975	ug/l 97
28) Bromochloromethane	5.03	49	120818	61.441	ug/l 99
29) Tetrahydrofuran	5.17	42	365218	222.573	ug/l 99
30) Chloroform	5.22	83	253558	47.727	ug/l 97
31) Cyclohexane	5.57	56	209648	42.672	ug/l 97
32) 1,1,1-Trichloroethane	5.50	97	213859	43.179	ug/l 99
36) 1,1-Dichloropropene	5.80	75	176877	45.564	ug/l 99
37) Ethyl Acetate	4.87	43	221916	43.849	ug/l 99
38) Carbon Tetrachloride	5.79	117	185748	41.033	ug/l 99

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 6/4/2018 2:31:31 PM

Quant Time: Jun 02 03:28:51 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X052418W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 24 13:09:03 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	220986	46.337	ug/l	97
40) Benzene	6.15	78	546374	48.042	ug/l	100
41) Methacrylonitrile	5.07	41	127252	47.583	ug/l	99
42) 1,2-Dichloroethane	6.20	62	221761	48.816	ug/l	99
43) Isopropyl Acetate	6.47	43	379093	44.956	ug/l	99
44) Trichloroethene	7.21	130	155489	46.917	ug/l	98
45) 1,2-Dichloropropane	7.52	63	150773	48.817	ug/l	98
46) Dibromomethane	7.67	93	100151	48.977	ug/l	99
47) Bromodichloromethane	7.90	83	187649	43.038	ug/l	100
48) Methyl methacrylate	7.78	41	196839	45.864	ug/l	98
49) 1,4-Dioxane	7.76	88	68621	907.328	ug/l	99
51) 4-Methyl-2-Pentanone	8.65	43	1222240	240.443	ug/l	99
52) Toluene	8.79	92	358217	49.493	ug/l	99
53) t-1,3-Dichloropropene	8.44	75	230555	45.912	ug/l	99
54) cis-1,3-Dichloropropene	9.04	75	218238	44.599	ug/l	99
55) 1,1,2-Trichloroethane	9.22	97	150644	49.824	ug/l	97
56) Ethyl methacrylate	9.18	69	240360	46.217	ug/l	99
57) 1,3-Dichloropropane	9.38	76	249308	50.052	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	516195	223.941	ug/l	100
59) 2-Hexanone	9.50	43	951652	242.797	ug/l	99
60) Dibromochloromethane	9.59	129	153356	42.822	ug/l	98
61) 1,2-Dibromoethane	9.68	107	157854	49.755	ug/l	99
64) Tetrachloroethene	9.34	164	177852	46.872	ug/l	97
65) Chlorobenzene	10.14	112	414455	49.431	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	153623	45.374	ug/l	99
67) Ethyl Benzene	10.26	91	711847	48.865	ug/l	100
68) m/p-Xylenes	10.36	106	554572	99.588	ug/l	99
69) o-Xylene	10.70	106	275542	49.556	ug/l	99
70) Styrene	10.71	104	461747	50.075	ug/l	99
71) Bromoform	10.86	173	119942	37.361	ug/l #	99
73) Isopropylbenzene	11.02	105	739499	46.119	ug/l	99
74) N-amyl acetate	6.47	43	379093	45.276	ug/l #	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	220157	50.206	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	232076m	51.026	ug/l	
77) Bromobenzene	11.26	156	200077	47.030	ug/l	96
78) n-propylbenzene	11.37	91	842806	46.930	ug/l	100
79) 2-Chlorotoluene	11.43	91	504037	51.218	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	638656	46.606	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.08	75	66716	35.255	ug/l	88
82) 4-Chlorotoluene	11.52	91	607031	47.924	ug/l	99
83) tert-Butylbenzene	11.77	119	610575	45.406	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	662312	46.771	ug/l	99
85) sec-Butylbenzene	11.95	105	756920	46.826	ug/l	100
86) p-Isopropyltoluene	12.07	119	689390	47.661	ug/l	99
87) 1,3-Dichlorobenzene	12.03	146	369304	48.472	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	378118	49.641	ug/l	99
89) n-Butylbenzene	12.39	91	604111	49.289	ug/l	99
90) Hexachloroethane	12.60	117	104161	36.507	ug/l	99
91) 1,2-Dichlorobenzene	12.40	146	379665	48.909	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.01	75	50930	35.725	ug/l	99

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ClientSampleId :
VSTDCCC050

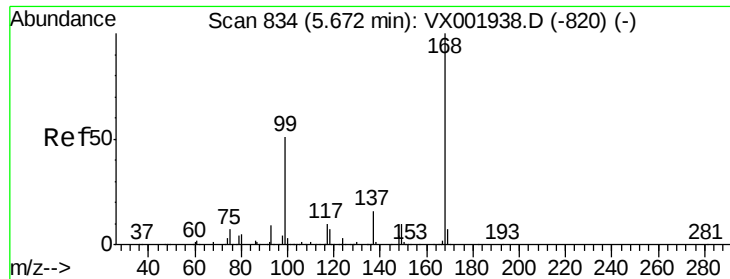
Manual Integrations
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6/4/2018 2:31:31 PM

Quant Time: Jun 02 03:28:51 2018
Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X052418W.M
Quant Title : SW846 8260
QLast Update : Thu May 24 13:09:03 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	273175	49.213	ug/l	99
94) Hexachlorobutadiene	13.79	225	141701	47.455	ug/l	100
95) Naphthalene	13.84	128	786441	45.986	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	280602	48.854	ug/l	100

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



#1

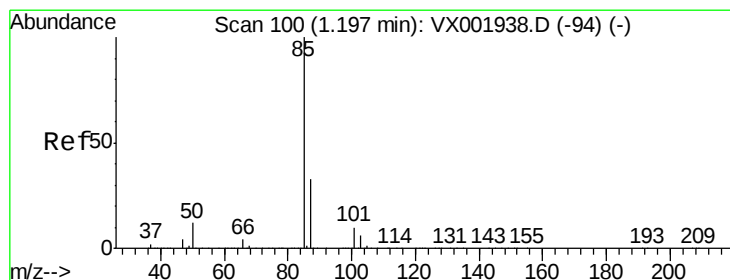
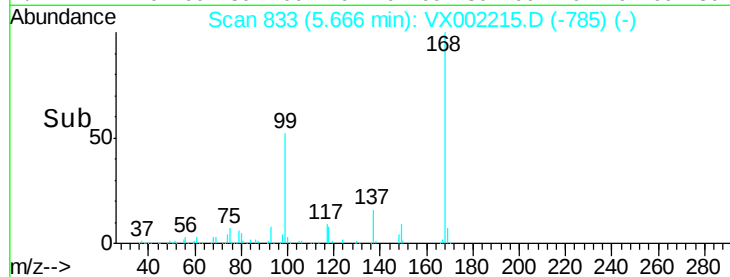
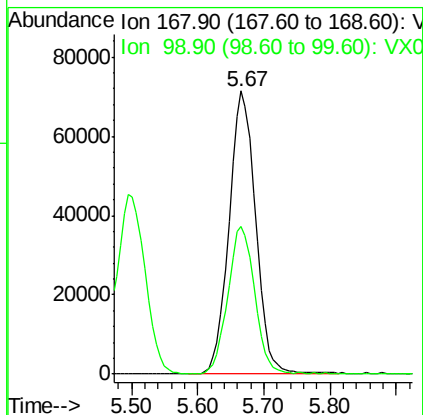
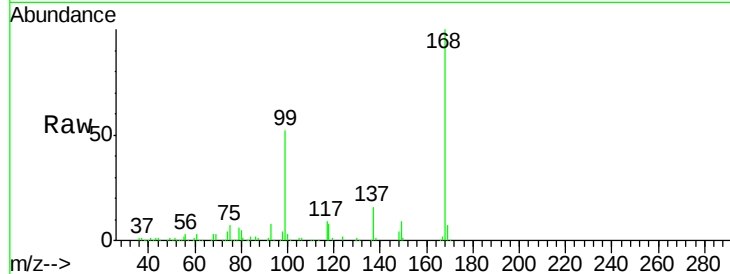
Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 5.67 min Scan# 833
 Delta R.T. -0.01 min
 Lab File: VX002215.D
 Acq: 01 Jun 2018 13:59

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
168	100		
99	51.8	41.0	61.4

Manual Integrations
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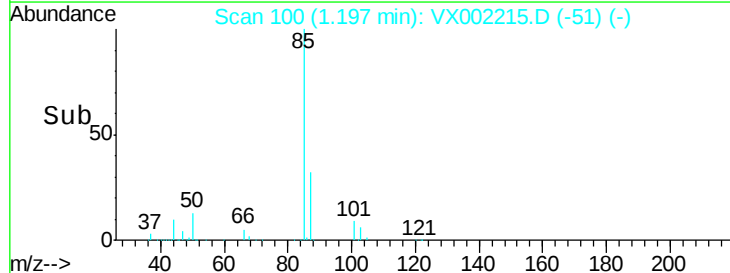
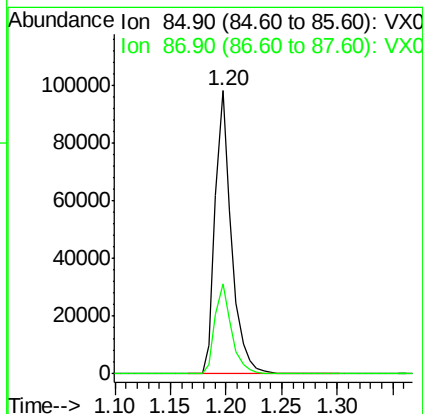
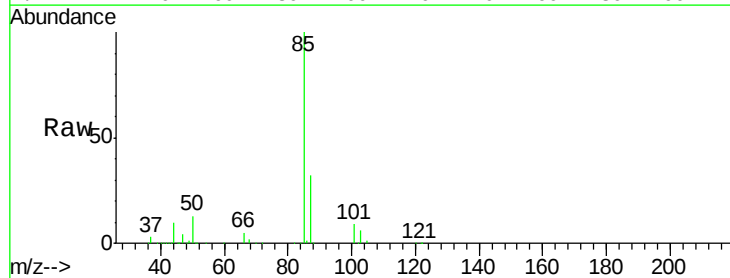
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#2

Dichlorodifluoromethane
 Concen: 39.372 ug/l
 RT: 1.20 min Scan# 100
 Delta R.T. 0.00 min
 Lab File: VX002215.D
 Acq: 01 Jun 2018 13:59

Tgt Ion	Ratio	Lower	Upper
85	100		
87	31.6	16.7	50.0





#3

Chloromethane

Concen: 42.402 ug/l

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX002215.D

Acq: 01 Jun 2018 13:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 50 Resp: 130135

Ion Ratio Lower Upper

50 100

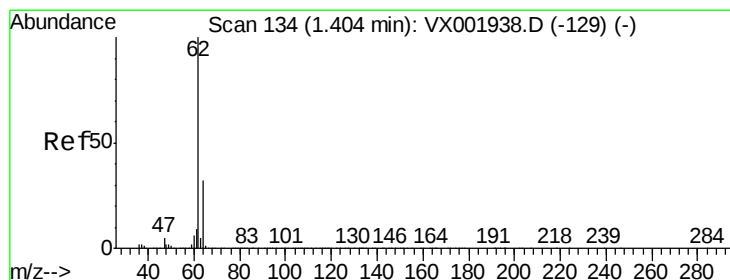
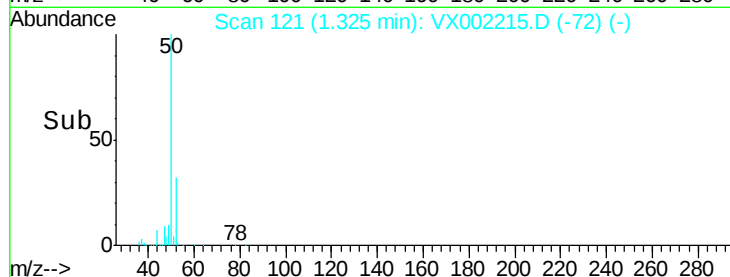
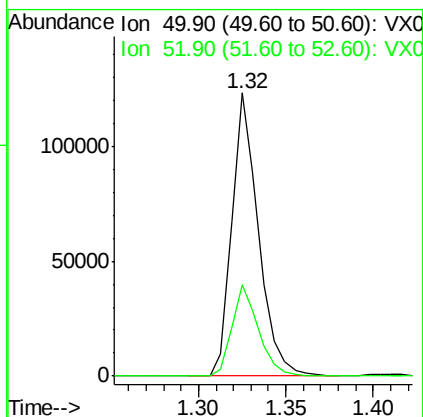
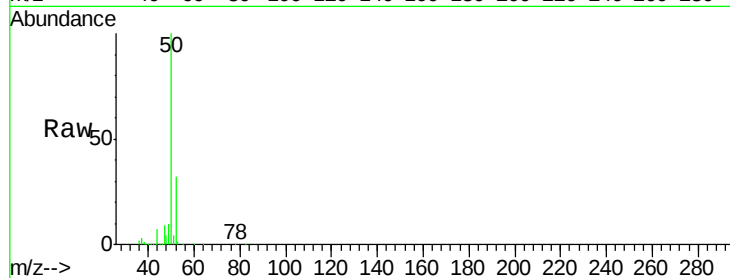
52 32.2 26.0 39.0

Manual Integrations

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#4

Vinyl Chloride

Concen: 46.336 ug/l

RT: 1.41 min Scan# 135

Delta R.T. 0.01 min

Lab File: VX002215.D

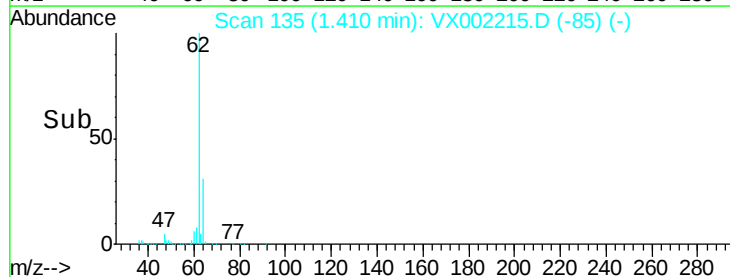
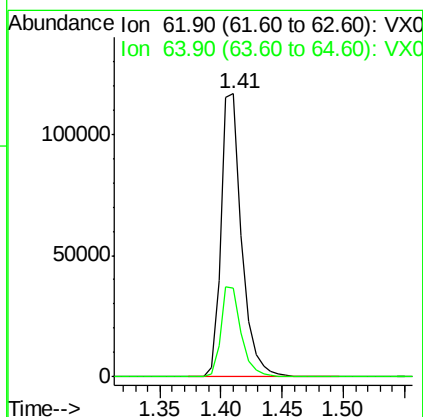
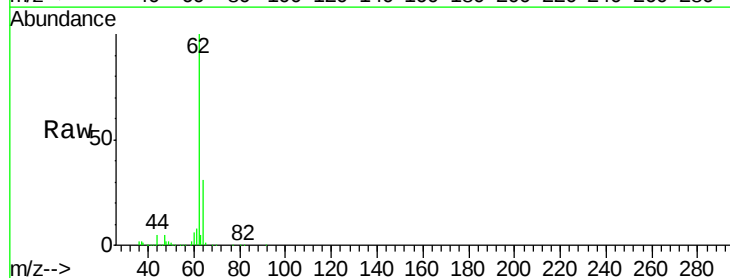
Acq: 01 Jun 2018 13:59

Tgt Ion: 62 Resp: 137310

Ion Ratio Lower Upper

62 100

64 31.1 25.4 38.0





#5

Bromomethane

Concen: 59.346 ug/l

RT: 1.64 min Scan# 172

Delta R.T. 0.00 min

Lab File: VX002215.D

Acq: 01 Jun 2018 13:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 94 Resp: 80705

Ion Ratio Lower Upper

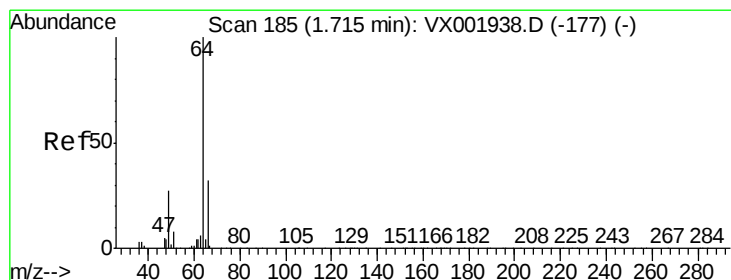
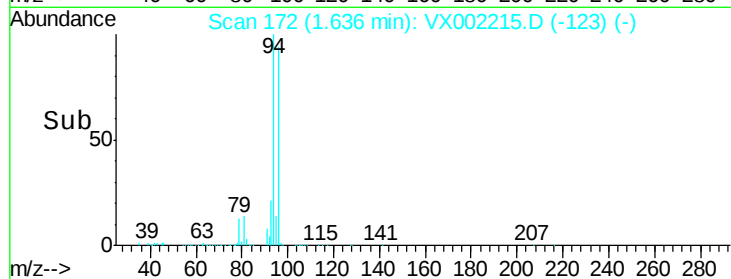
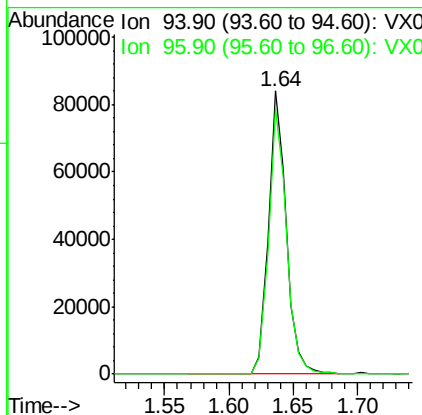
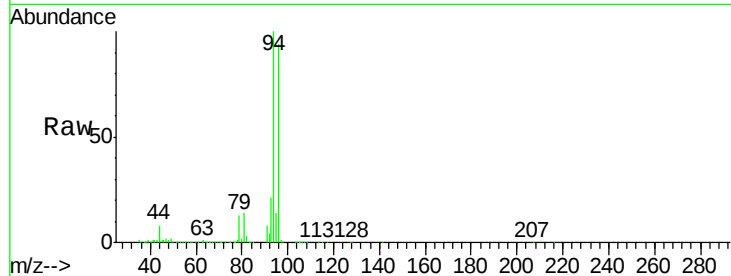
94 100

96 93.7 75.9 113.9

Manual Integrations
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#6

Chloroethane

Concen: 53.299 ug/l

RT: 1.72 min Scan# 185

Delta R.T. 0.00 min

Lab File: VX002215.D

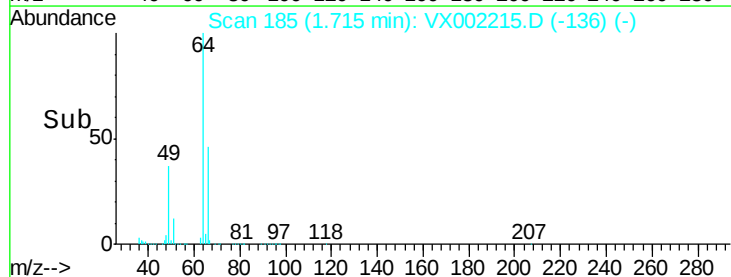
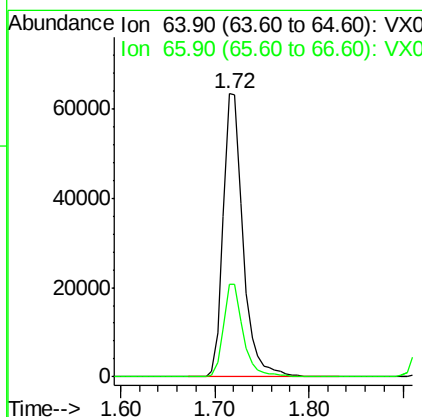
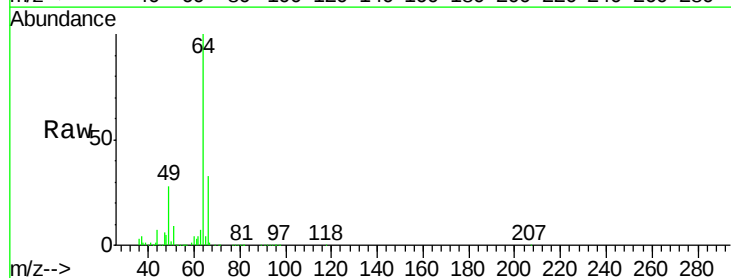
Acq: 01 Jun 2018 13:59

Tgt Ion: 64 Resp: 93109

Ion Ratio Lower Upper

64 100

66 32.7 25.6 38.4





#7

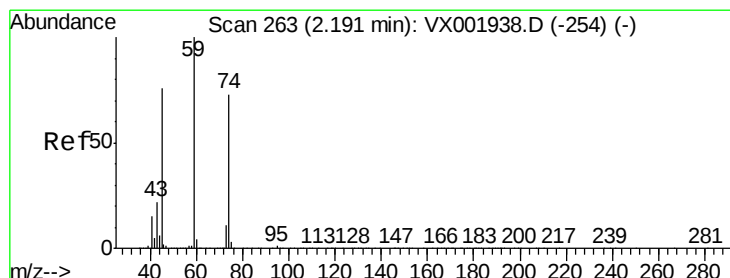
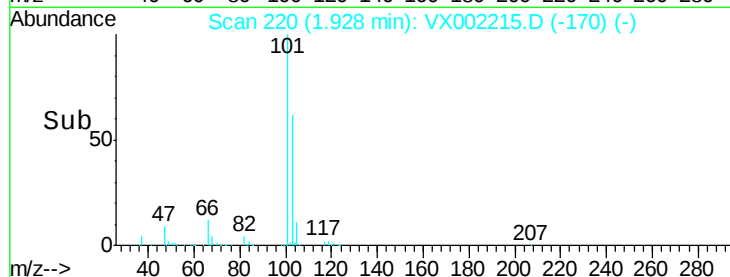
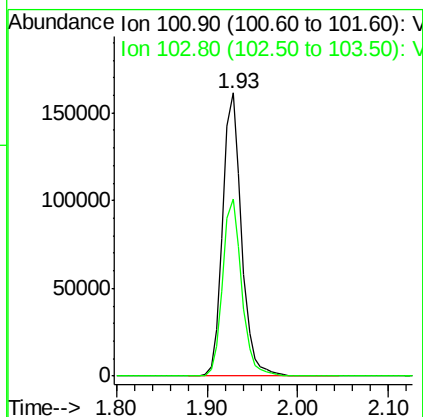
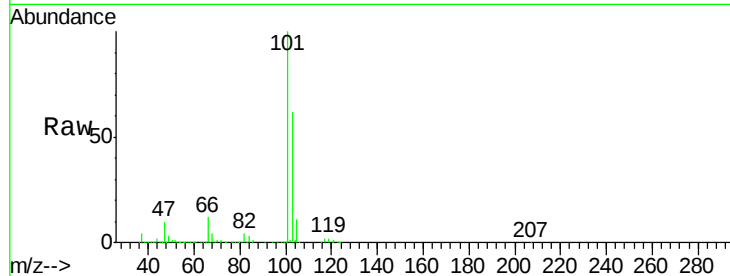
Trichlorofluoromethane
Concen: 52.552 ug/l
RT: 1.93 min Scan# 220
Delta R.T. 0.01 min
Lab File: VX002215.D
Acq: 01 Jun 2018 13:59

Instrument :
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ClientSampleId :
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Tgt Ion	Ratio	Resp	Lower	Upper
101	100	233868		
103	62.4	51.4	77.0	

Manual Integrations
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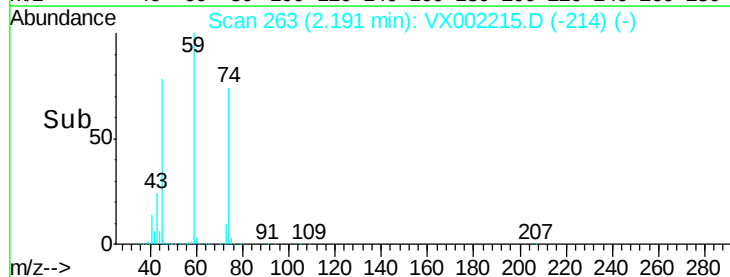
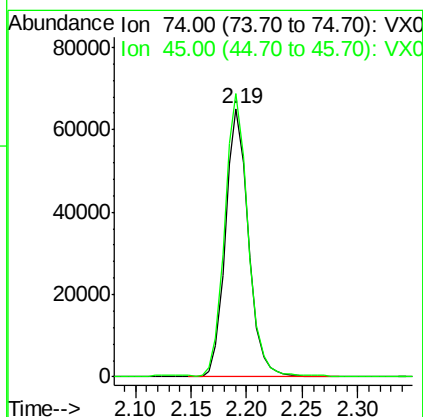
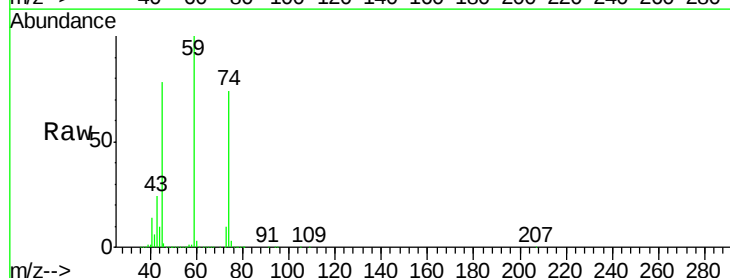
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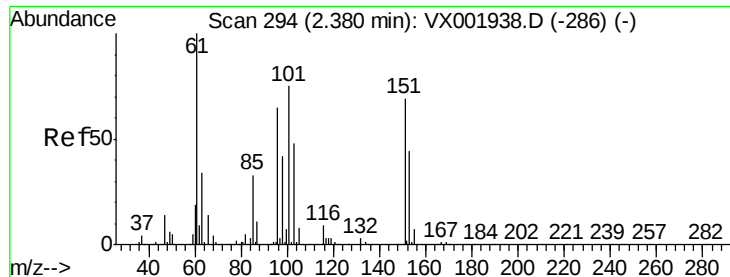


#8

Diethyl Ether
Concen: 57.696 ug/l
RT: 2.19 min Scan# 263
Delta R.T. 0.00 min
Lab File: VX002215.D
Acq: 01 Jun 2018 13:59

Tgt Ion	Ratio	Resp	Lower	Upper
74	100	93161		
45	106.0	51.5	154.7	





#9

1,1,2-Trichlorotrifluoroethane

Concen: 55.038 ug/l

RT: 2.39 min Scan# 295

Delta R.T. 0.01 min

Lab File: VX002215.D

Acq: 01 Jun 2018 13:59

Instrument :

MSVOA_X

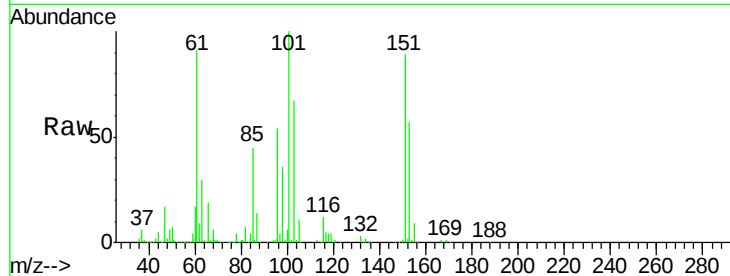
ClientSampleId :

VSTDCCC050

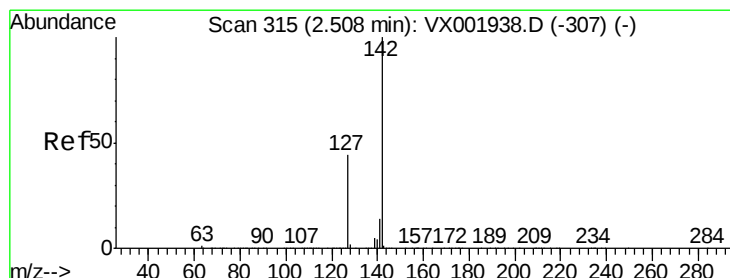
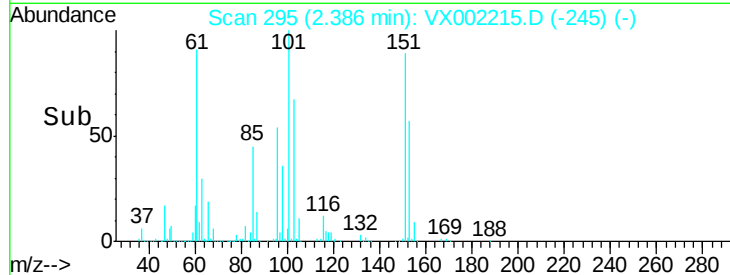
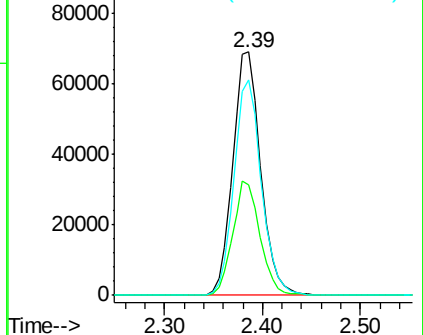
Tgt Ion:	101	Resp:	136675
Ion Ratio	Lower	Upper	
101	100		
85	45.6	35.6	53.4
151	87.2	73.2	109.8

Manual Integrations
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Abundance Ion 100.90 (100.60 to 101.60): V
Ion 84.90 (84.60 to 85.60): VX0
Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 47.953 ug/l

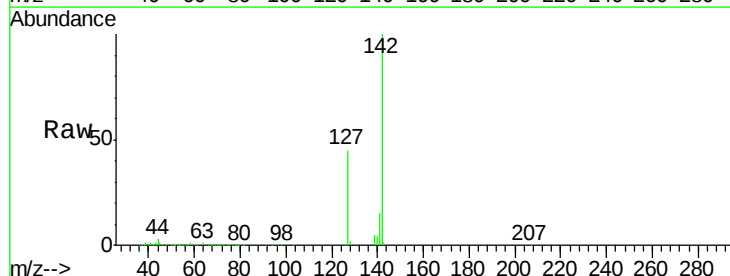
RT: 2.51 min Scan# 316

Delta R.T. 0.01 min

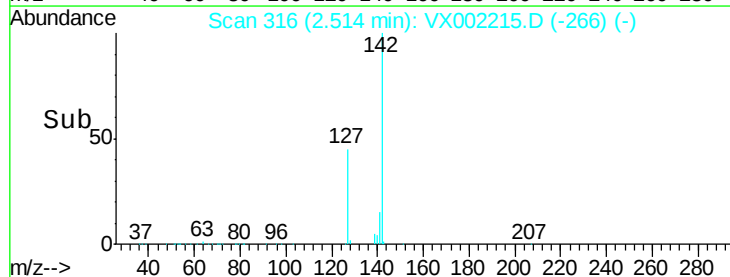
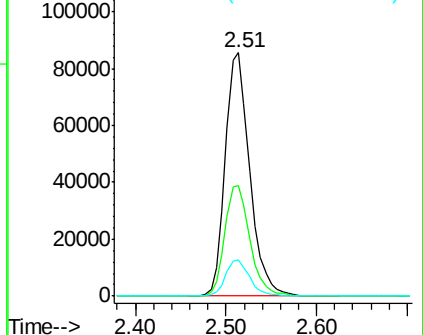
Lab File: VX002215.D

Acq: 01 Jun 2018 13:59

Tgt Ion:	142	Resp:	161125
Ion Ratio	Lower	Upper	
142	100		
127	46.7	35.5	53.3
141	14.6	11.3	16.9



Abundance Ion 141.80 (141.50 to 142.50): V
Ion 126.80 (126.50 to 127.50): V
Ion 140.80 (140.50 to 141.50): V





#11

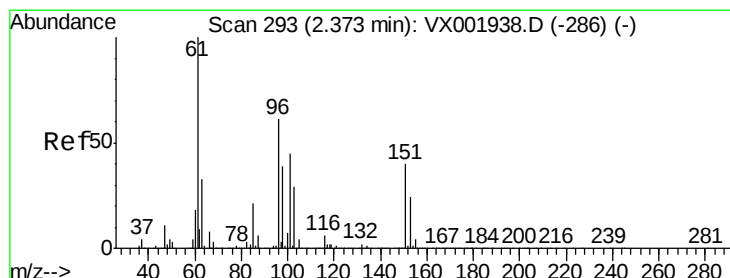
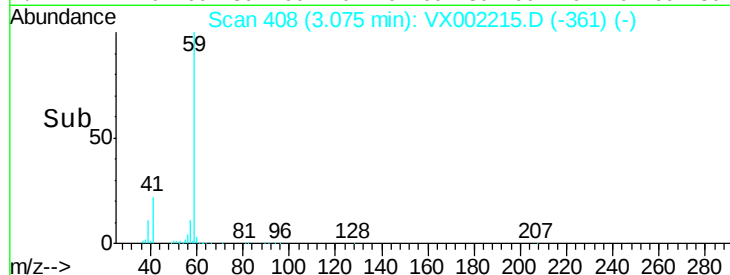
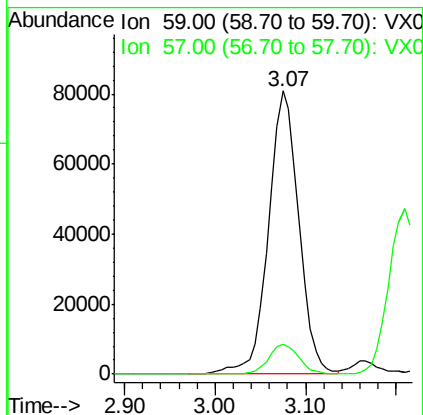
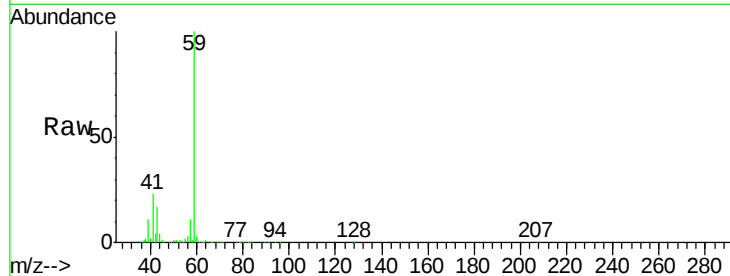
Tert butyl alcohol
Concen: 267.850 ug/l
RT: 3.07 min Scan# 408
Delta R.T. -0.01 min
Lab File: VX002215.D
Acq: 01 Jun 2018 13:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
59	100		
57	10.7	8.9	13.3

Manual Integrations
APPROVED

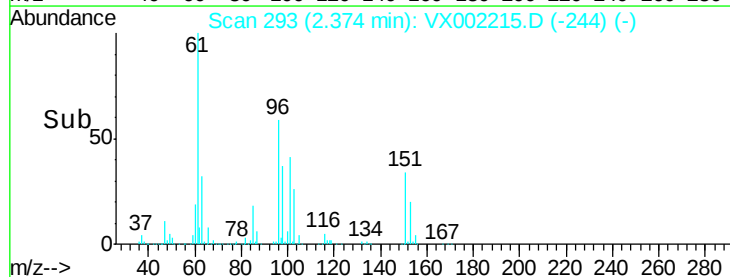
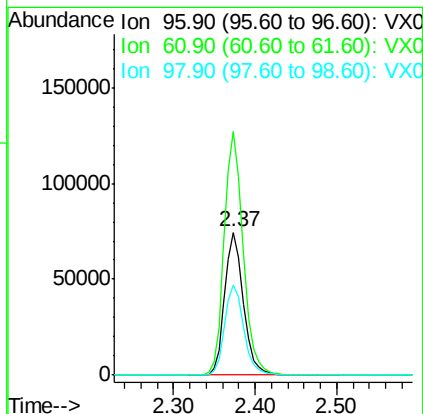
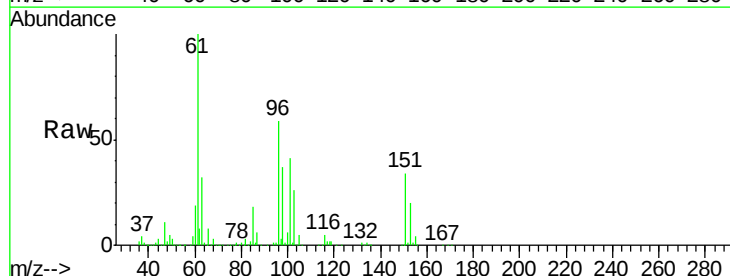
MMDadoda
6/4/2018 2:31:31 PM



#12

1,1-Dichloroethene
Concen: 50.775 ug/l
RT: 2.37 min Scan# 293
Delta R.T. 0.00 min
Lab File: VX002215.D
Acq: 01 Jun 2018 13:59

Tgt Ion	Ratio	Lower	Upper
96	100		
61	170.4	131.7	197.5
98	63.0	51.6	77.4





#13

Acrolein

Concen: 193.745 ug/l

RT: 2.30 min Scan# 281

Delta R.T. 0.00 min

Lab File: VX002215.D

Acq: 01 Jun 2018 13:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 56 Resp: 58629

Ion Ratio Lower Upper

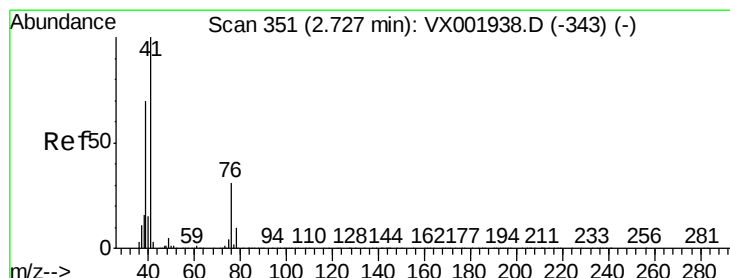
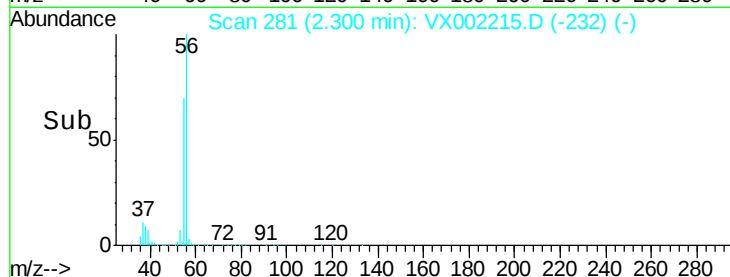
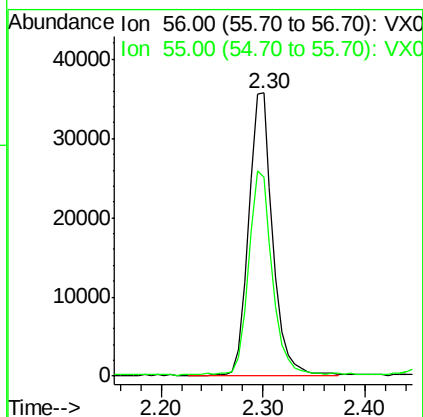
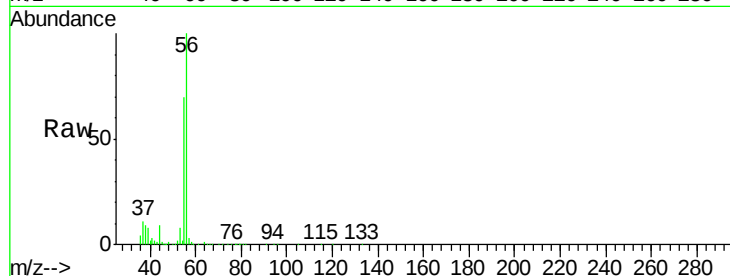
56 100

55 71.4 56.8 85.2

Manual Integrations
APPROVED

MMDadoda

6/4/2018 2:31:31 PM



#14

Allyl chloride

Concen: 54.588 ug/l

RT: 2.73 min Scan# 351

Delta R.T. 0.00 min

Lab File: VX002215.D

Acq: 01 Jun 2018 13:59

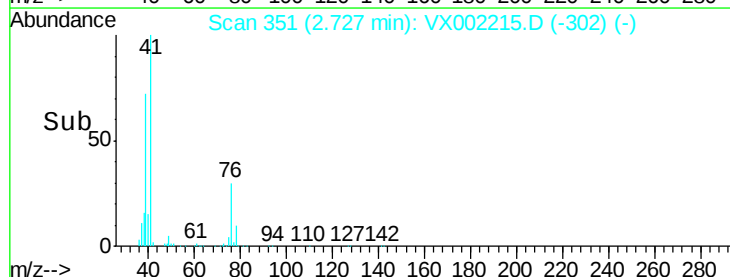
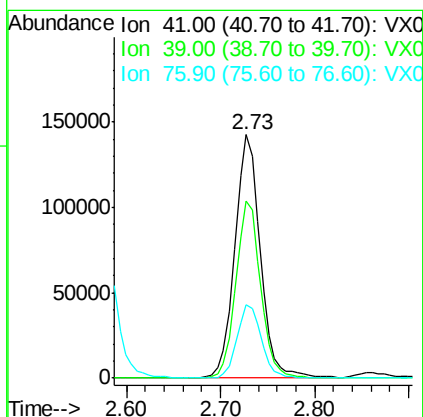
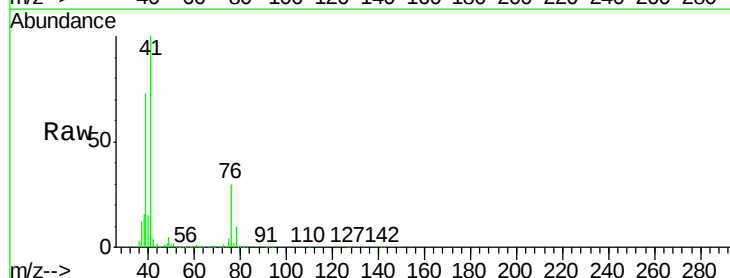
Tgt Ion: 41 Resp: 266411

Ion Ratio Lower Upper

41 100

39 70.5 54.3 81.5

76 28.8 24.2 36.4





#15

Acrylonitrile

Concen: 284.649 ug/l

RT: 3.15 min Scan# 421

Delta R.T. 0.00 min

Lab File: VX002215.D

Acq: 01 Jun 2018 13:59

Instrument :

MSVOA_X

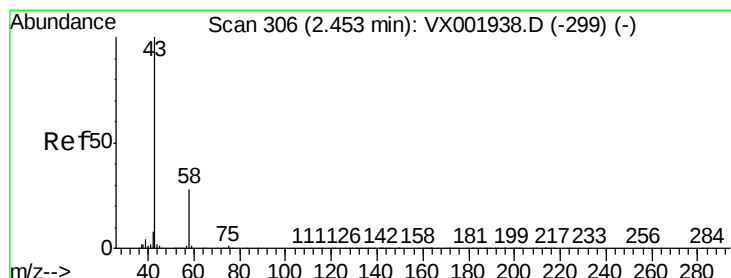
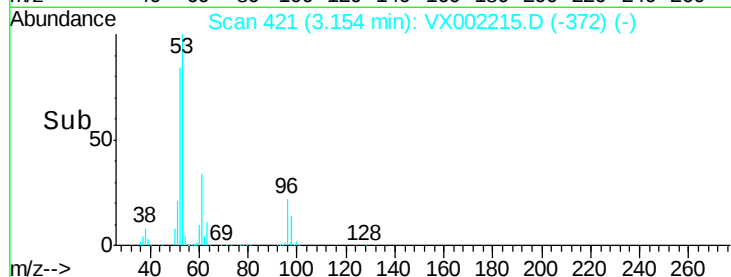
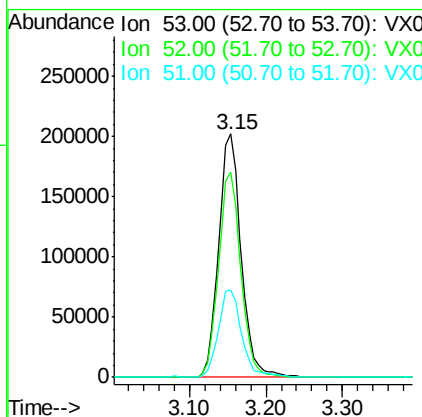
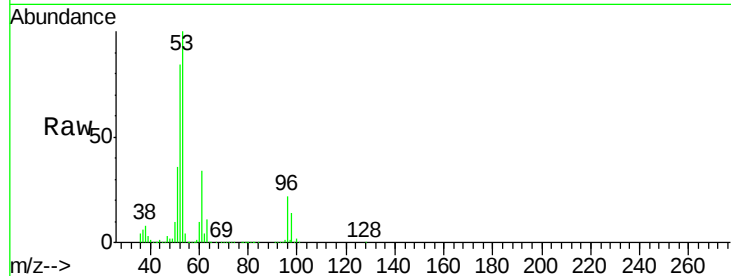
ClientSampleId :

VSTDCCC050

Tgt Ion:	53	Resp:	409679
Ion Ratio		Lower	Upper
53	100		
52	83.5	66.4	99.6
51	37.4	29.3	43.9

Manual Integrations
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6/4/2018 2:31:31 PM



#16

Acetone

Concen: 312.449 ug/l

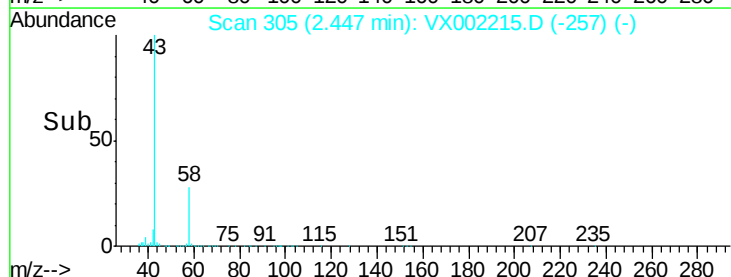
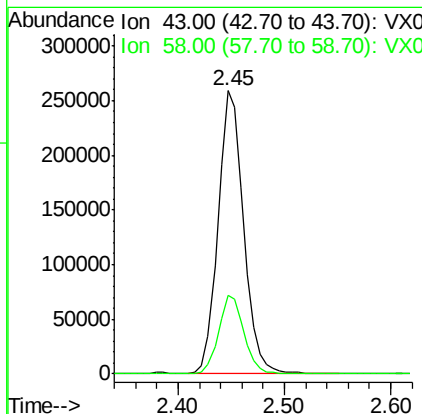
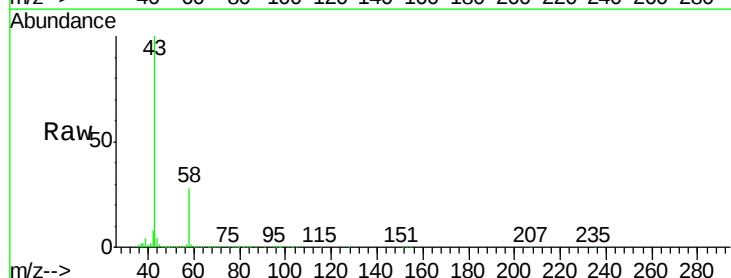
RT: 2.45 min Scan# 305

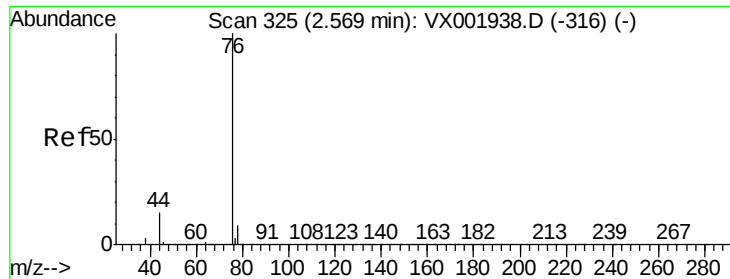
Delta R.T. -0.01 min

Lab File: VX002215.D

Acq: 01 Jun 2018 13:59

Tgt Ion:	43	Resp:	429947
Ion Ratio		Lower	Upper
43	100		
58	27.9	22.3	33.5





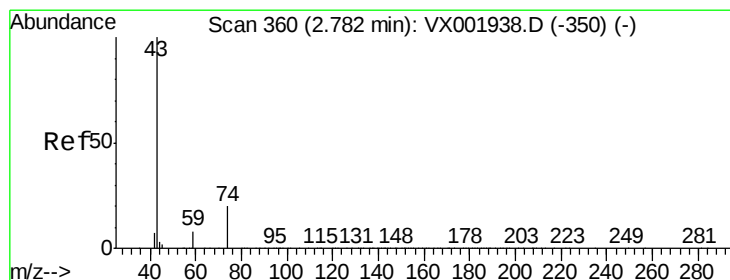
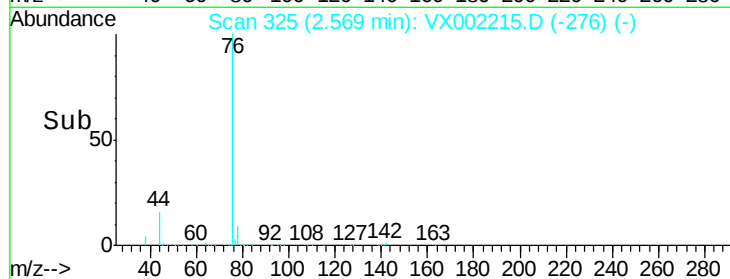
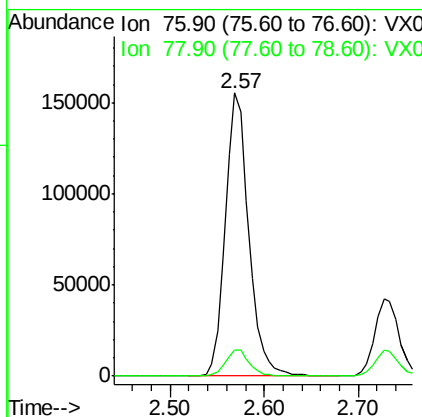
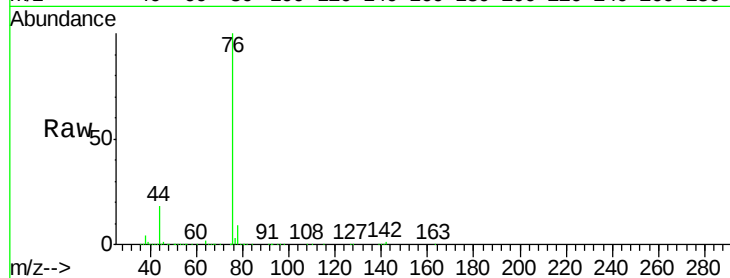
#17
Carbon Disulfide
Concen: 40.106 ug/l
RT: 2.57 min Scan# 325
Delta R.T. 0.00 min
Lab File: VX002215.D
Acq: 01 Jun 2018 13:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
76	100		
78	8.9	7.4	11.2

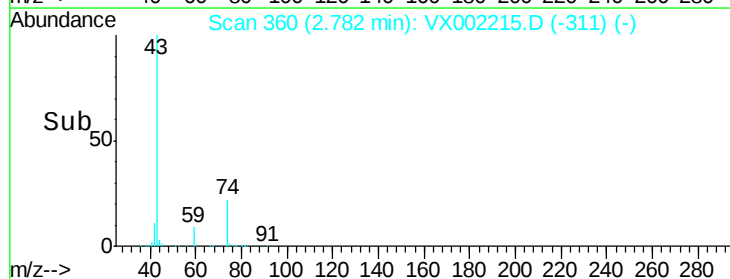
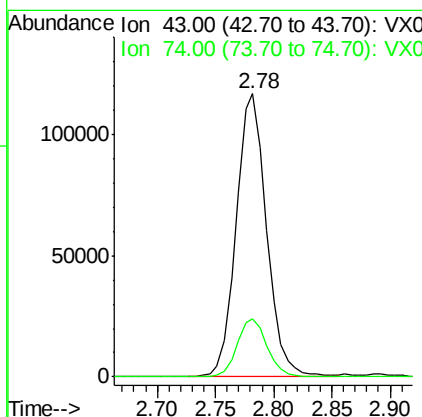
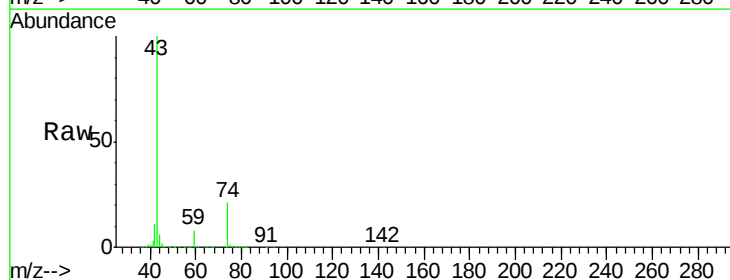
Manual Integrations
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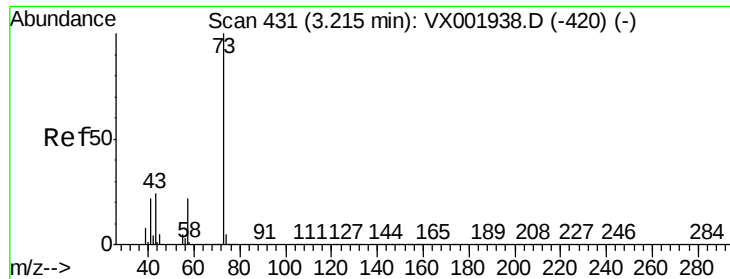
MMDadoda
6/4/2018 2:31:31 PM



#18
Methyl Acetate
Concen: 63.834 ug/l
RT: 2.78 min Scan# 360
Delta R.T. 0.00 min
Lab File: VX002215.D
Acq: 01 Jun 2018 13:59

Tgt Ion	Ratio	Lower	Upper
43	100		
74	20.9	16.8	25.2





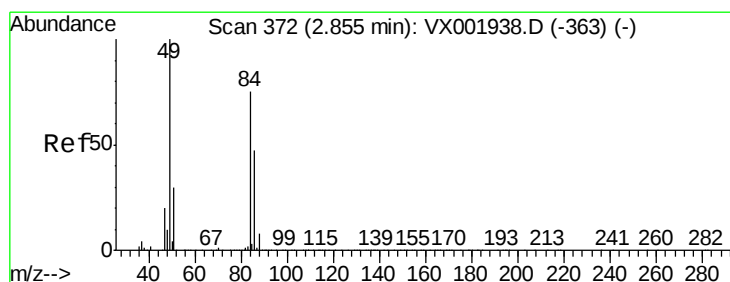
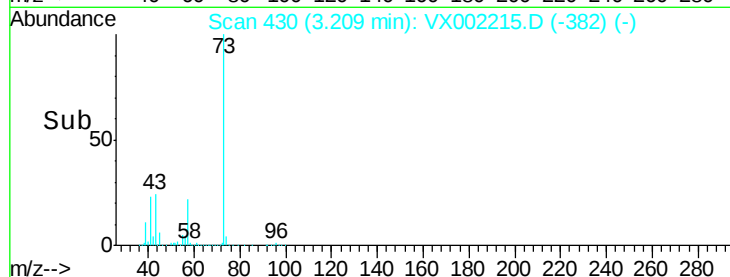
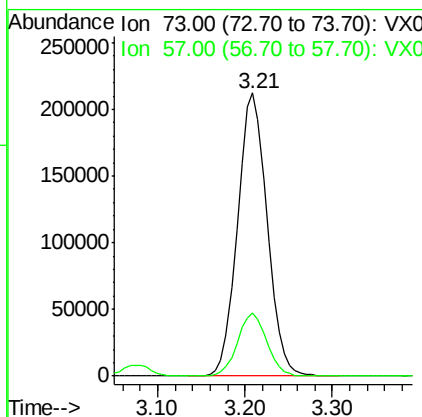
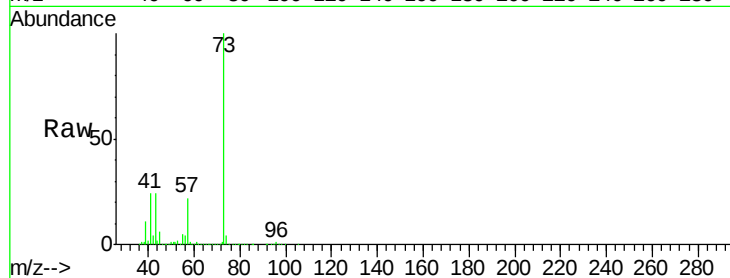
#19
Methyl tert-butyl Ether
Concen: 57.142 ug/l
RT: 3.21 min Scan# 430
Delta R.T. -0.01 min
Lab File: VX002215.D
Acq: 01 Jun 2018 13:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 73 Resp: 499684
Ion Ratio Lower Upper
73 100
57 22.3 17.4 26.0

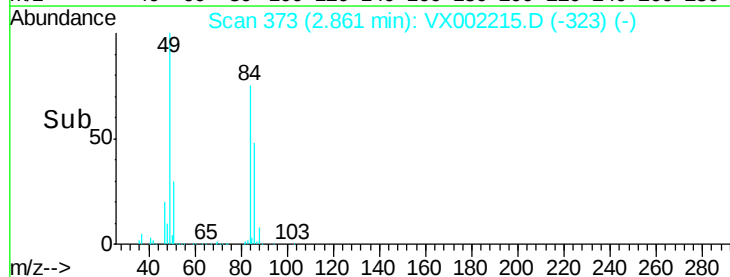
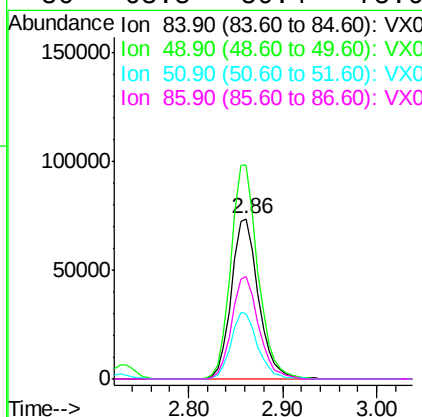
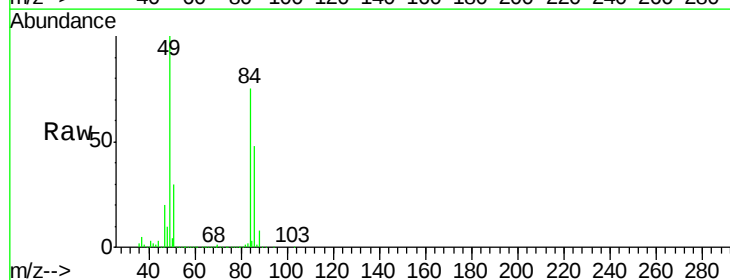
Manual Integrations
APPROVED

MMDadoda
6/4/2018 2:31:31 PM



#20
Methylene Chloride
Concen: 62.377 ug/l
RT: 2.86 min Scan# 373
Delta R.T. 0.01 min
Lab File: VX002215.D
Acq: 01 Jun 2018 13:59

Tgt Ion: 84 Resp: 147635
Ion Ratio Lower Upper
84 100
49 133.0 107.2 160.8
51 40.4 32.4 48.6
86 63.8 50.4 75.6





#21

trans-1,2-Dichloroethene

Concen: 58.109 ug/l

RT: 3.17 min Scan# 423

Delta R.T. 0.00 min

Lab File: VX002215.D

Acq: 01 Jun 2018 13:59

Instrument :

MSVOA_X

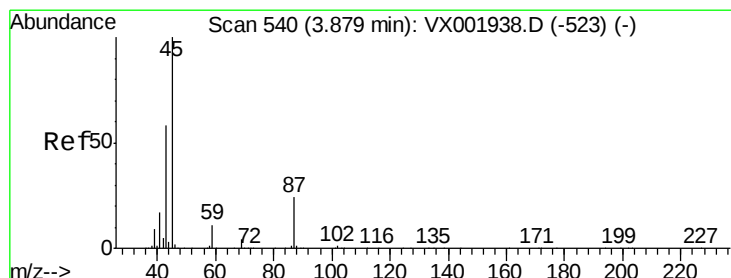
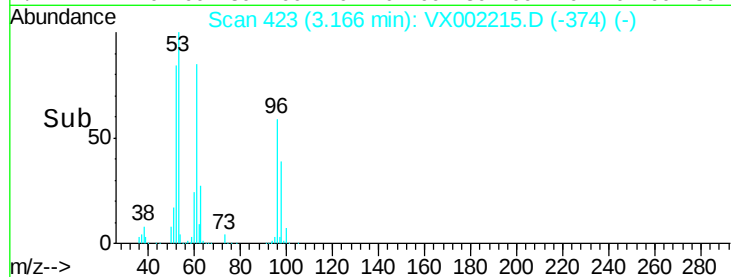
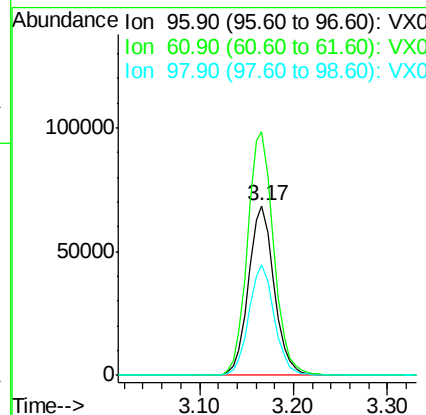
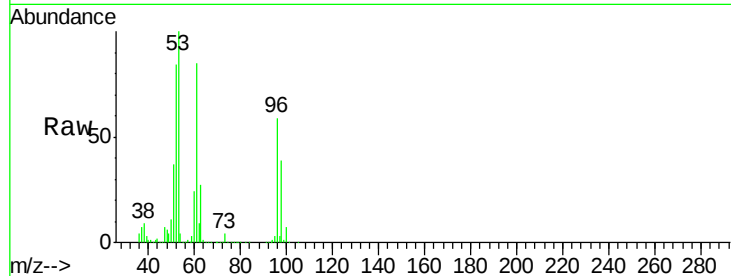
ClientSampleId :

VSTDCCC050

Tgt Ion:	96	Resp:	130950
Ion	Ratio	Lower	Upper
96	100		
61	143.2	113.3	169.9
98	65.1	51.7	77.5

Manual Integrations
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MMDadoda
6/4/2018 2:31:31 PM



#22

Diisopropyl ether

Concen: 52.752 ug/l

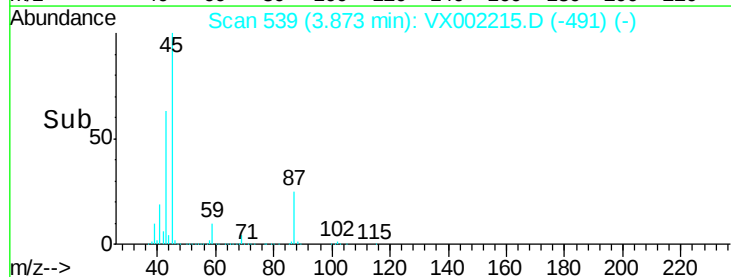
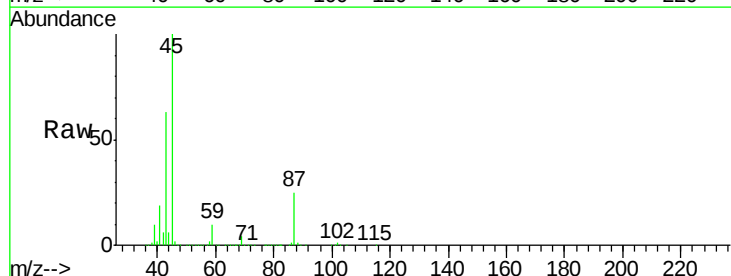
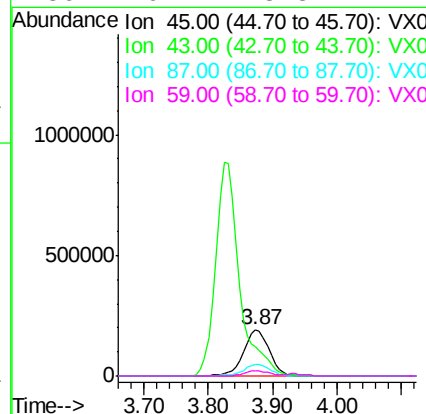
RT: 3.87 min Scan# 539

Delta R.T. -0.01 min

Lab File: VX002215.D

Acq: 01 Jun 2018 13:59

Tgt Ion:	45	Resp:	523675
Ion	Ratio	Lower	Upper
45	100		
43	62.5	47.0	70.6
87	25.4	19.4	29.0
59	10.4	8.5	12.7





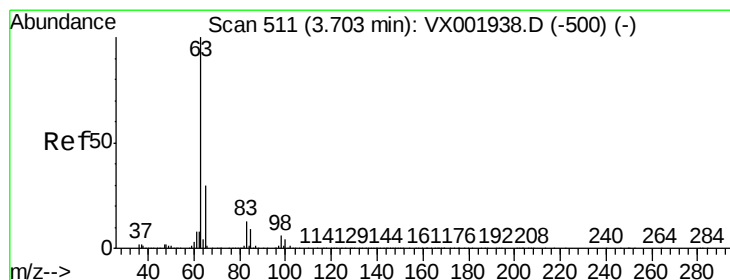
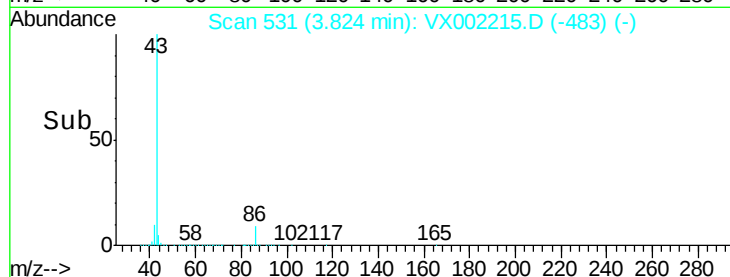
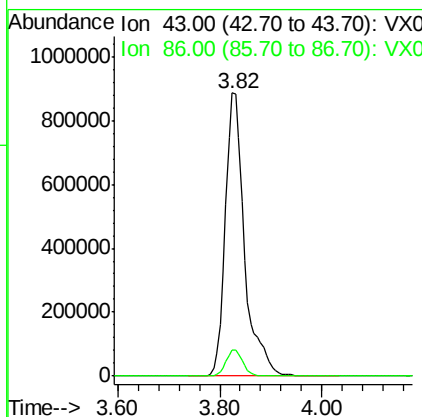
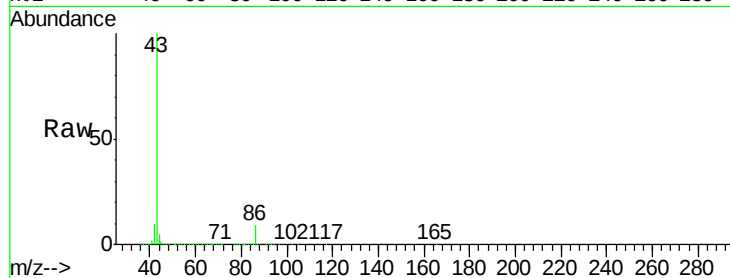
#23
 Vinyl Acetate
 Concen: 281.574 ug/l
 RT: 3.82 min Scan# 531
 Delta R.T. -0.01 min
 Lab File: VX002215.D
 Acq: 01 Jun 2018 13:59

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 43 Resp: 2317527
 Ion Ratio Lower Upper
 43 100
 86 9.1 7.6 11.4

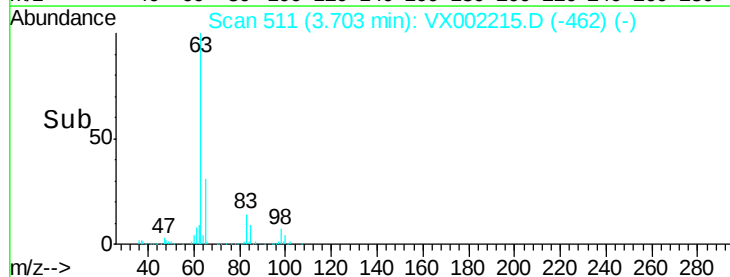
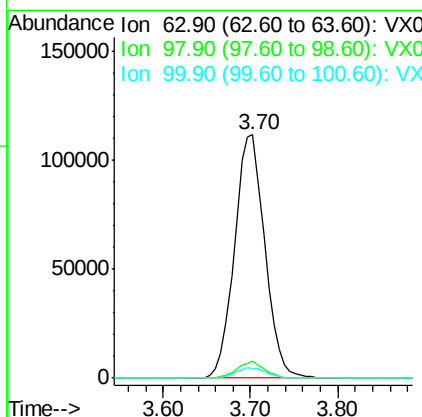
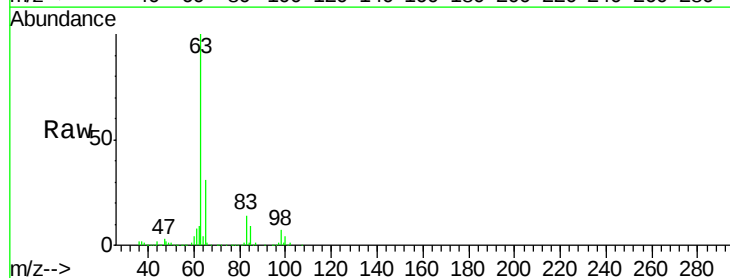
Manual Integrations
 APPROVED

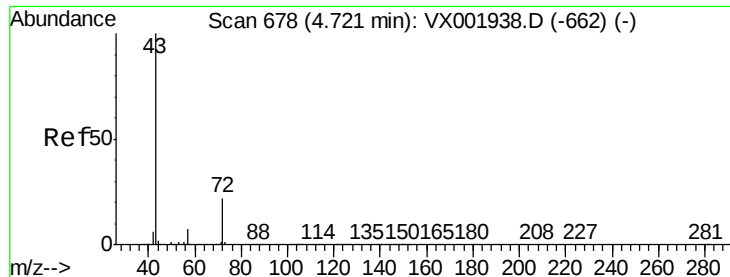
MMDadoda
 6/4/2018 2:31:31 PM



#24
 1,1-Dichloroethane
 Concen: 57.193 ug/l
 RT: 3.70 min Scan# 511
 Delta R.T. 0.00 min
 Lab File: VX002215.D
 Acq: 01 Jun 2018 13:59

Tgt Ion: 63 Resp: 269698
 Ion Ratio Lower Upper
 63 100
 98 6.8 3.3 9.8
 100 4.0 2.1 6.5





#25

2-Butanone

Concen: 226.982 ug/l

RT: 4.71 min Scan# 676

Delta R.T. -0.01 min

Lab File: VX002215.D

Acq: 01 Jun 2018 13:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 572461

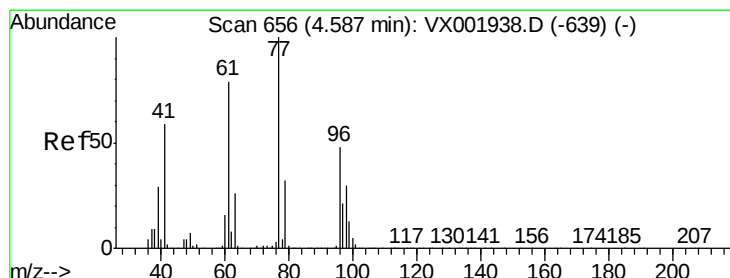
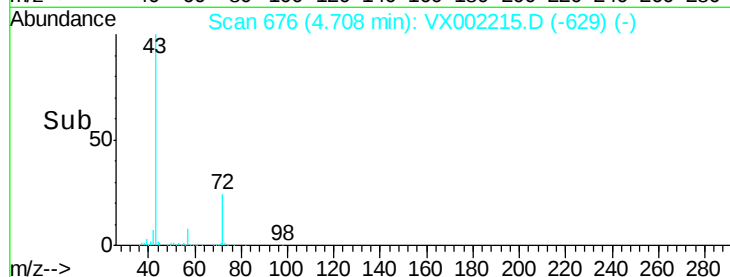
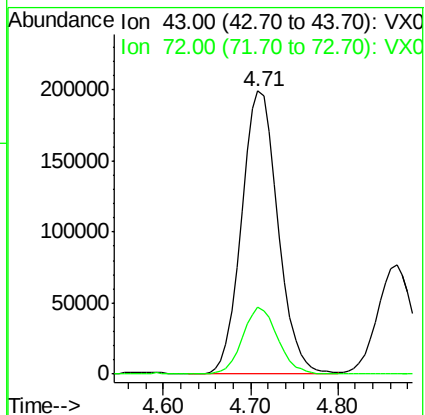
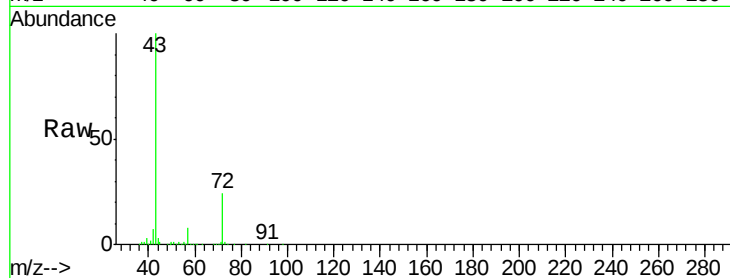
Ion Ratio Lower Upper

43 100

72 23.5 17.9 26.9

Manual Integrations
APPROVED

MMDadoda
6/4/2018 2:31:31 PM



#26

2,2-Dichloropropane

Concen: 41.886 ug/l

RT: 4.59 min Scan# 656

Delta R.T. 0.00 min

Lab File: VX002215.D

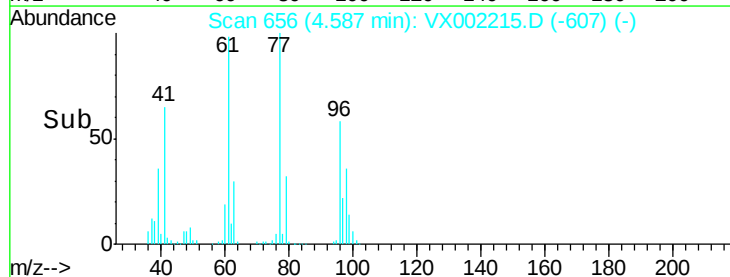
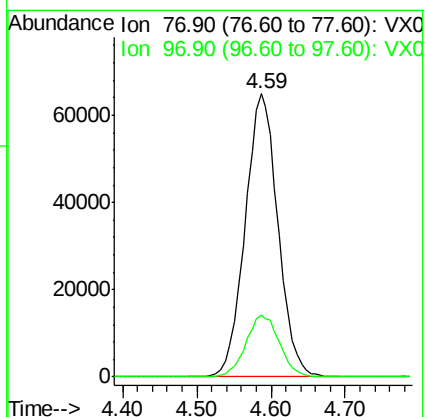
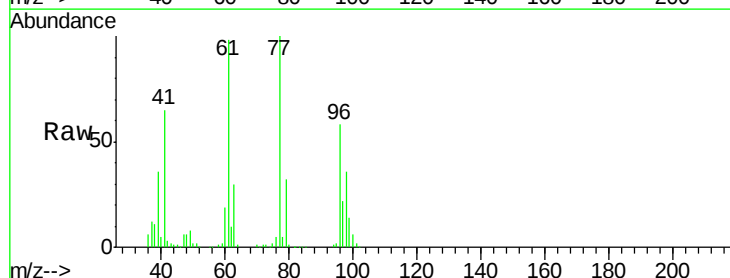
Acq: 01 Jun 2018 13:59

Tgt Ion: 77 Resp: 199921

Ion Ratio Lower Upper

77 100

97 22.3 11.2 33.5





#27

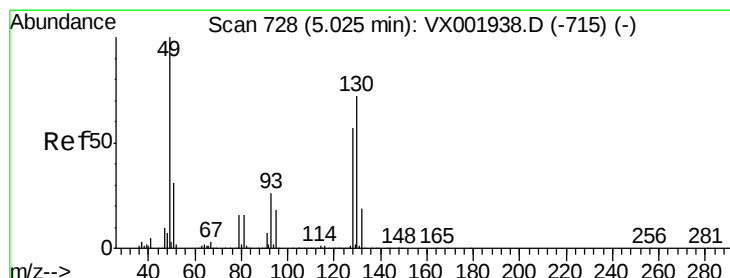
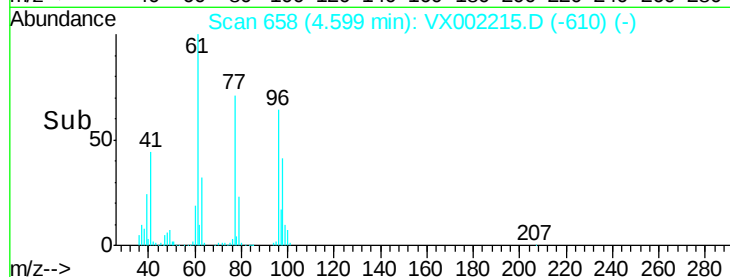
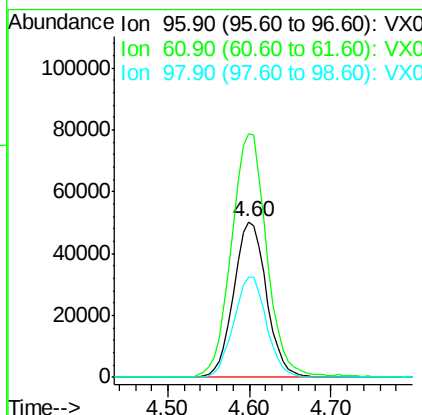
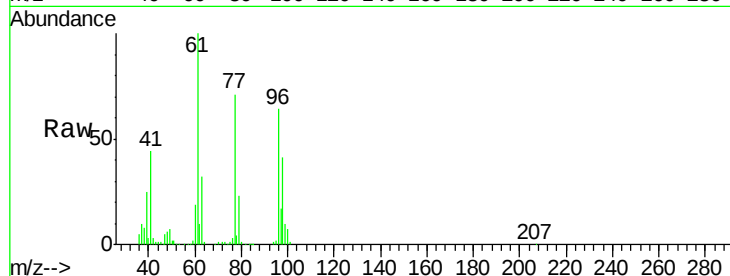
cis-1,2-Dichloroethene
Concen: 45.975 ug/l
RT: 4.60 min Scan# 658
Delta R.T. -0.01 min
Lab File: VX002215.D
Acq: 01 Jun 2018 13:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Resp	Lower	Upper
96	100	139387		
61	169.5	0.0	348.4	
98	65.1	0.0	128.6	

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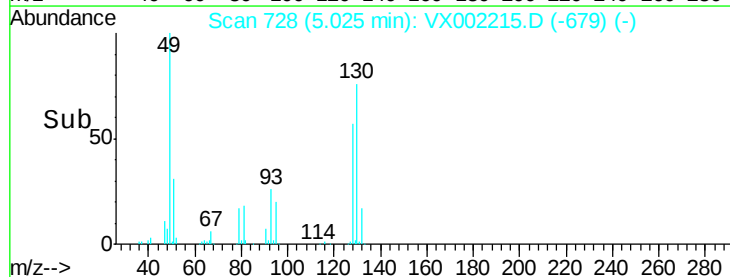
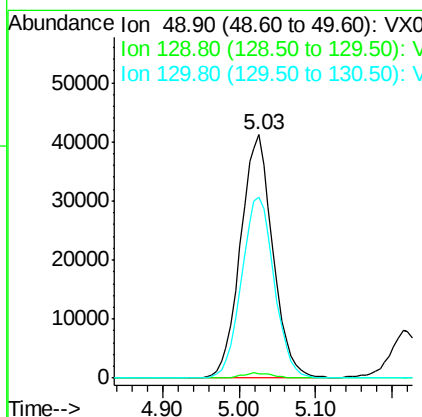
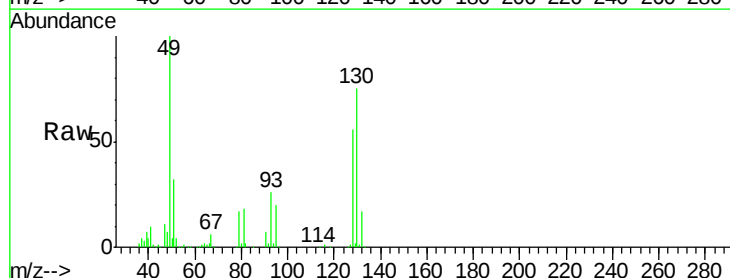
MMDadoda
6/4/2018 2:31:31 PM



#28

Bromochloromethane
Concen: 61.441 ug/l
RT: 5.03 min Scan# 728
Delta R.T. 0.00 min
Lab File: VX002215.D
Acq: 01 Jun 2018 13:59

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	120818		
129	2.1	0.0	3.8	
130	75.3	59.4	89.2	





#29

Tetrahydrofuran

Concen: 222.573 ug/l

RT: 5.17 min Scan# 751

Delta R.T. -0.01 min

Lab File: VX002215.D

Acq: 01 Jun 2018 13:59

Instrument :

MSVOA_X

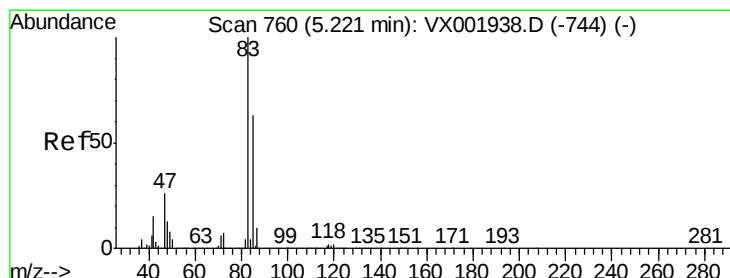
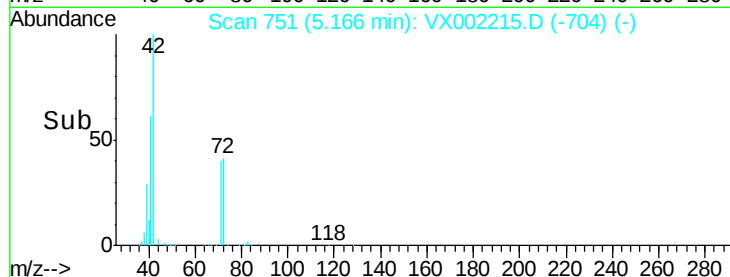
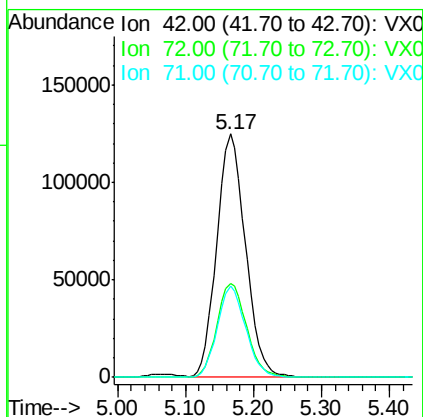
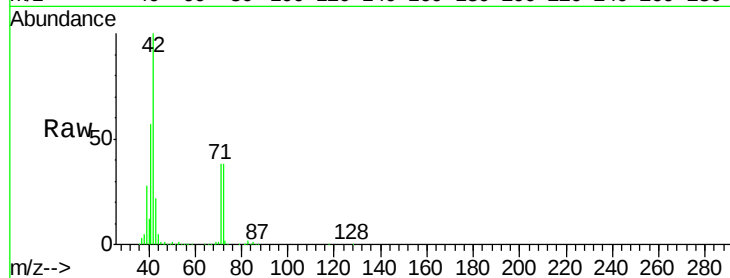
ClientSampleId :

VSTDCCC050

Tgt Ion:	42	Resp:	365218
Ion Ratio		Lower	Upper
42	100		
72	40.1	31.4	47.0
71	37.2	29.5	44.3

Manual Integrations
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6/4/2018 2:31:31 PM



#30

Chloroform

Concen: 47.727 ug/l

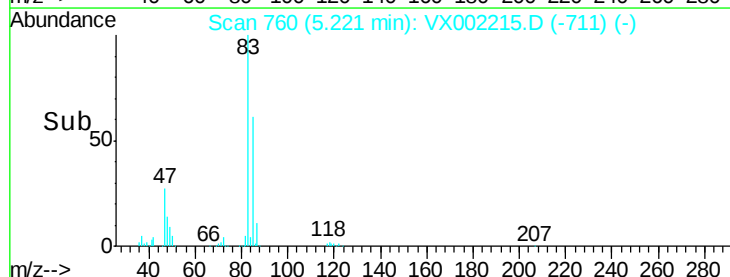
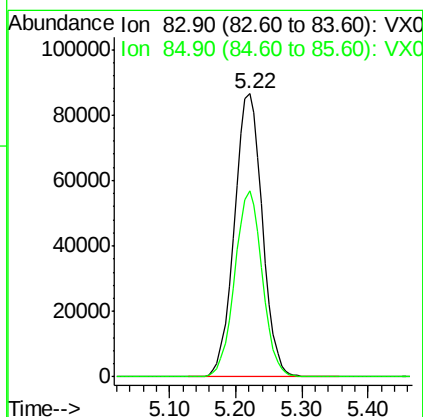
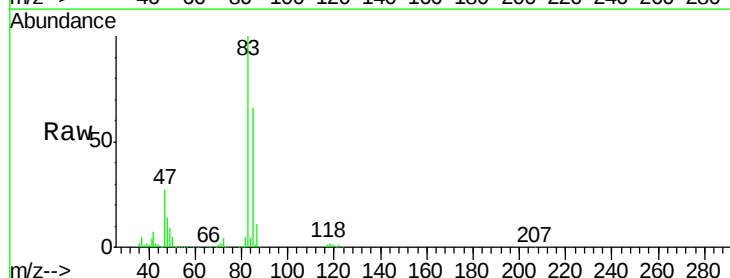
RT: 5.22 min Scan# 760

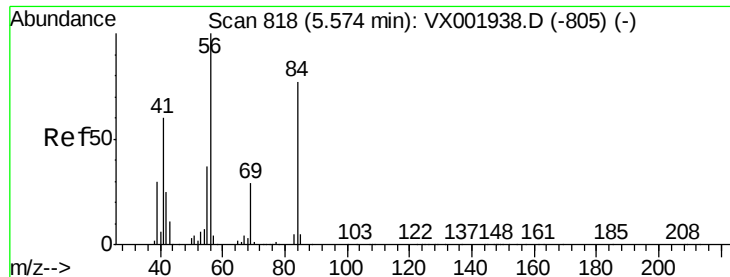
Delta R.T. 0.00 min

Lab File: VX002215.D

Acq: 01 Jun 2018 13:59

Tgt Ion:	83	Resp:	253558
Ion Ratio		Lower	Upper
83	100		
85	65.5	50.9	76.3





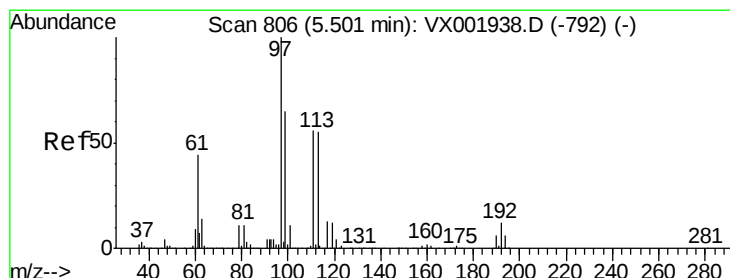
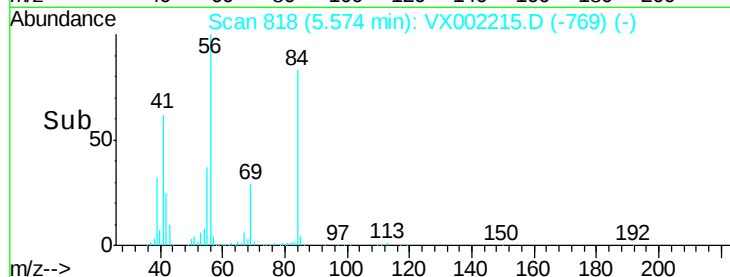
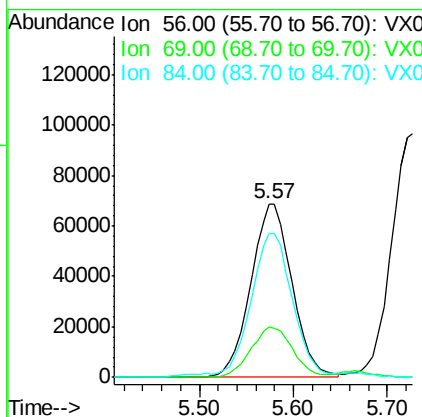
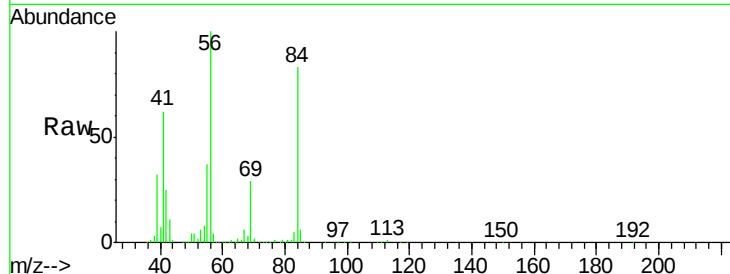
#31
Cyclohexane
Concen: 42.672 ug/l
RT: 5.57 min Scan# 818
Delta R.T. 0.00 min
Lab File: VX002215.D
Acq: 01 Jun 2018 13:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
56	100		
69	29.4	23.1	34.7
84	81.1	62.0	93.0

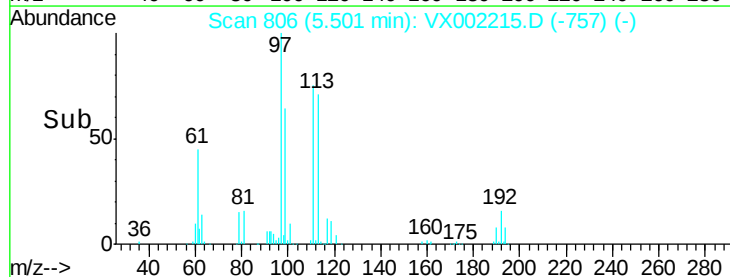
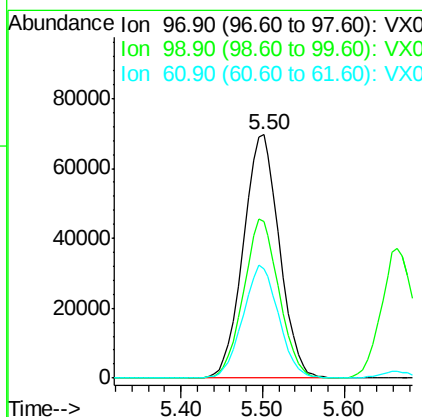
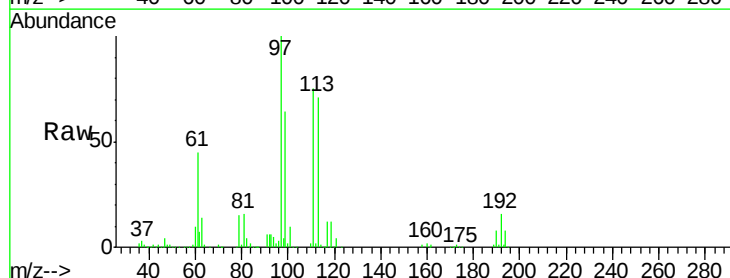
Manual Integrations
APPROVED

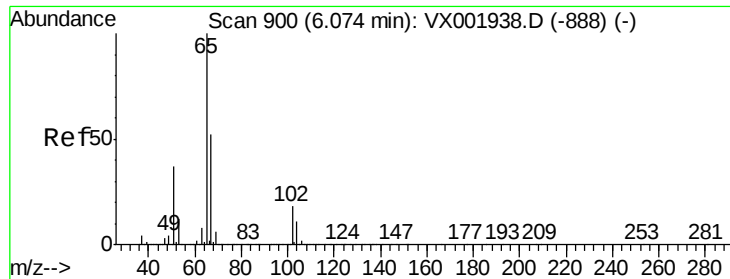
MMDadoda
6/4/2018 2:31:31 PM



#32
1,1,1-Trichloroethane
Concen: 43.179 ug/l
RT: 5.50 min Scan# 806
Delta R.T. 0.00 min
Lab File: VX002215.D
Acq: 01 Jun 2018 13:59

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.3	51.9	77.9
61	46.0	35.9	53.9





#33

1,2-Dichloroethane-d4

Concen: 56.126 ug/l

RT: 6.07 min Scan# 900

Delta R.T. 0.00 min

Lab File: VX002215.D

Acq: 01 Jun 2018 13:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 65 Resp: 200121

Ion Ratio Lower Upper

65 100

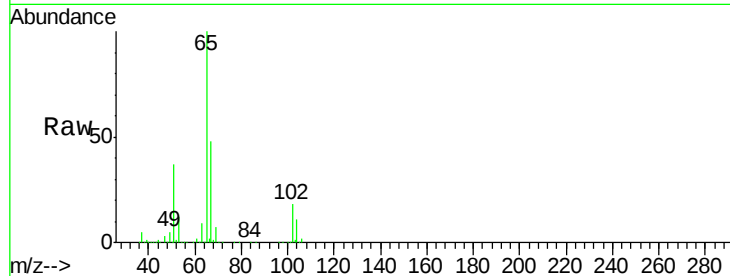
67 50.7 0.0 104.0

Manual Integrations

APPROVED

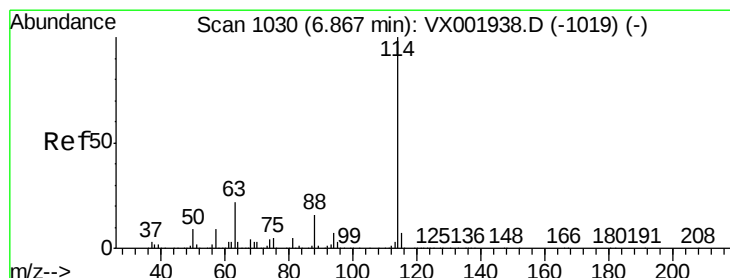
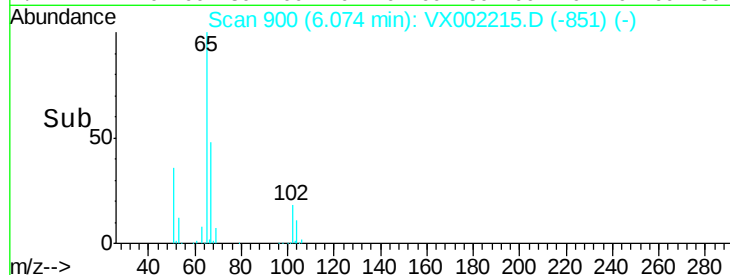
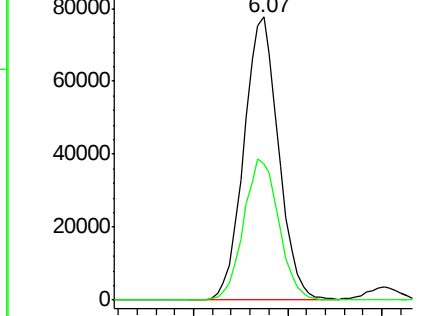
MMDadoda

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Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.87 min Scan# 1030

Delta R.T. 0.00 min

Lab File: VX002215.D

Acq: 01 Jun 2018 13:59

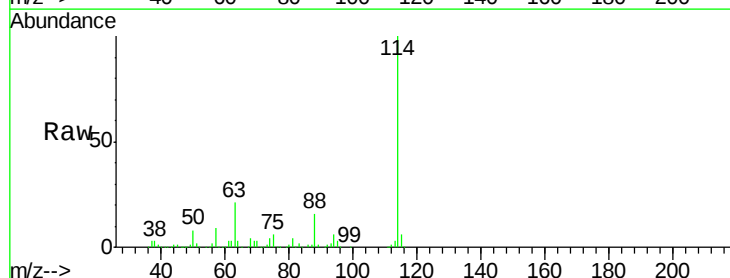
Tgt Ion: 114 Resp: 279082

Ion Ratio Lower Upper

114 100

63 20.5 0.0 43.2

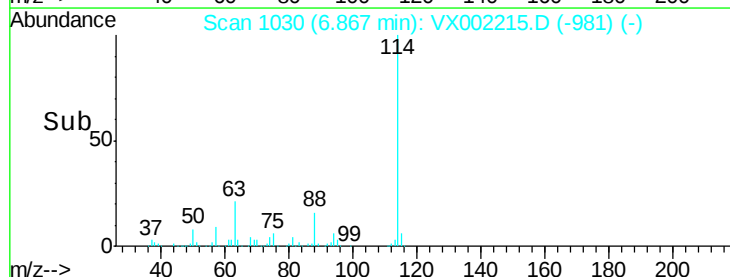
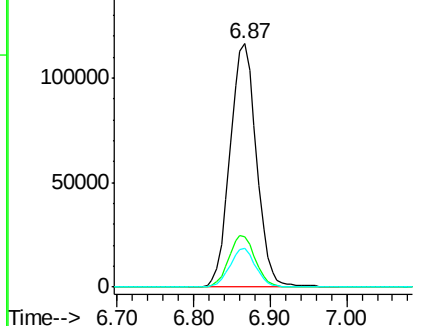
88 15.8 0.0 31.6

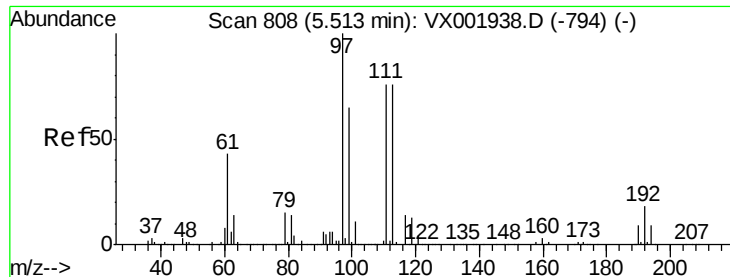


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 53.595 ug/l

RT: 5.51 min Scan# 807

Delta R.T. -0.01 min

Lab File: VX002215.D

Acq: 01 Jun 2018 13:59

Instrument :

MSVOA_X

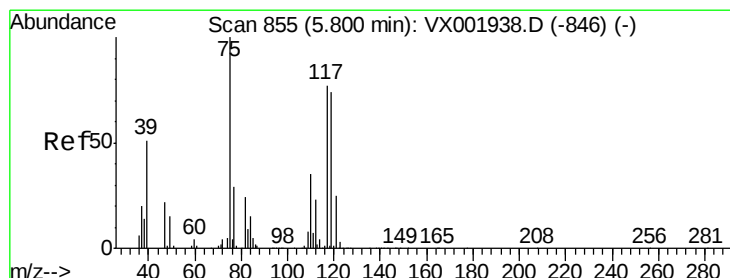
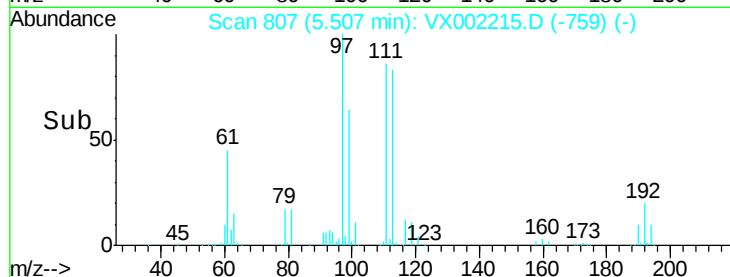
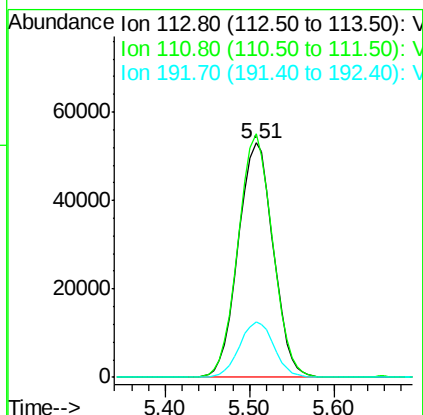
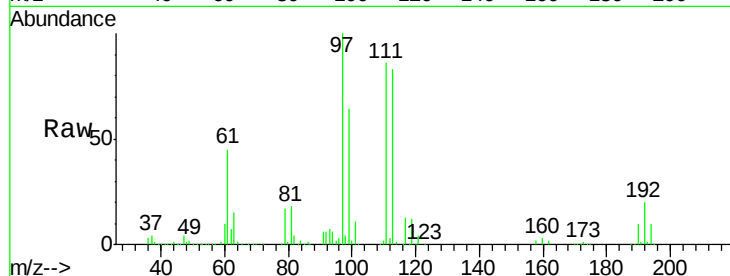
ClientSampleId :

VSTDCCC050

Tgt Ion:	113	Resp:	149575
Ion Ratio	Lower	Upper	
113	100		
111	102.4	82.0	123.0
192	23.3	18.9	28.3

Manual Integrations
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6/4/2018 2:31:31 PM



#36

1,1-Dichloropropene

Concen: 45.564 ug/l

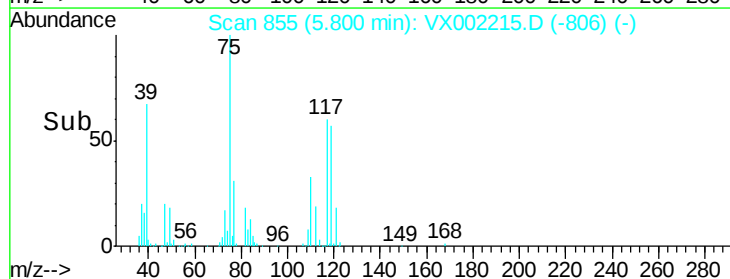
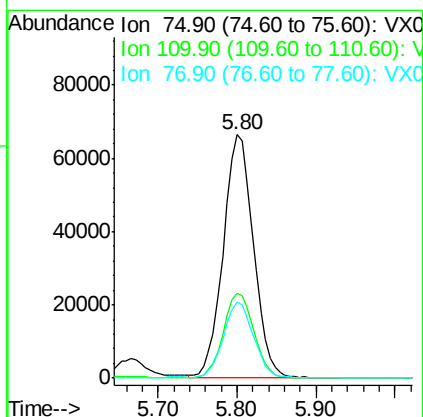
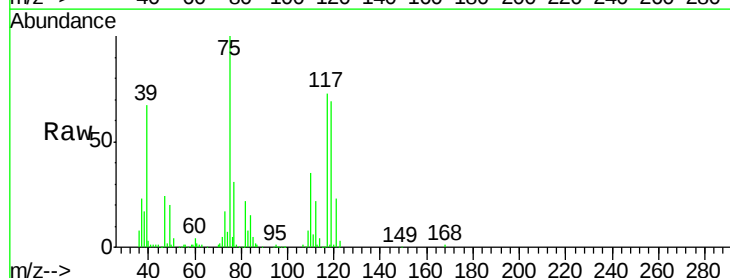
RT: 5.80 min Scan# 855

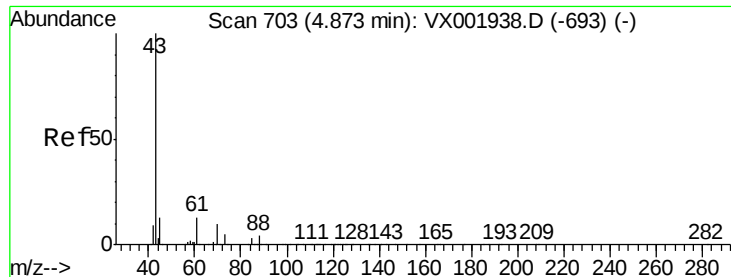
Delta R.T. 0.00 min

Lab File: VX002215.D

Acq: 01 Jun 2018 13:59

Tgt Ion:	75	Resp:	176877
Ion Ratio	Lower	Upper	
75	100		
110	35.6	17.4	52.2
77	31.1	24.4	36.6





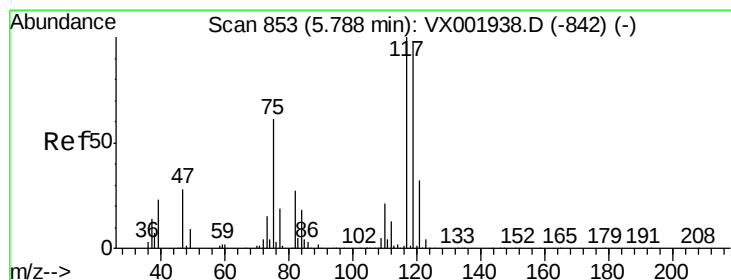
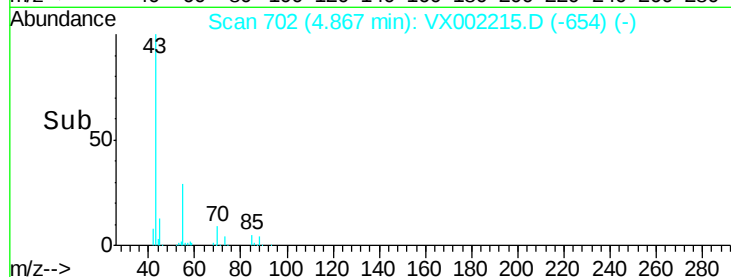
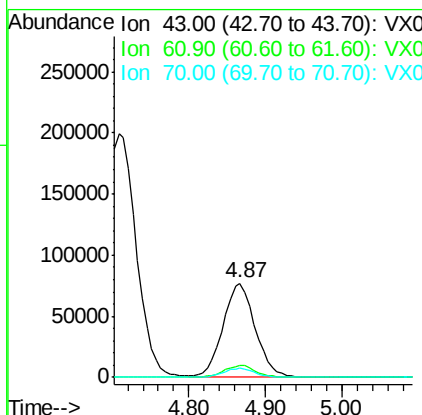
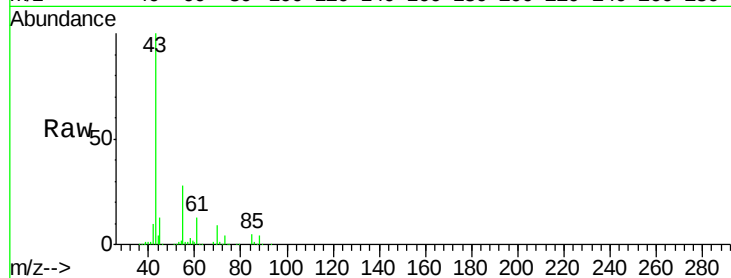
#37
Ethyl Acetate
Concen: 43.849 ug/l
RT: 4.87 min Scan# 702
Delta R.T. -0.01 min
Lab File: VX002215.D
Acq: 01 Jun 2018 13:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
43	100		
61	12.7	10.2	15.2
70	9.4	7.8	11.8

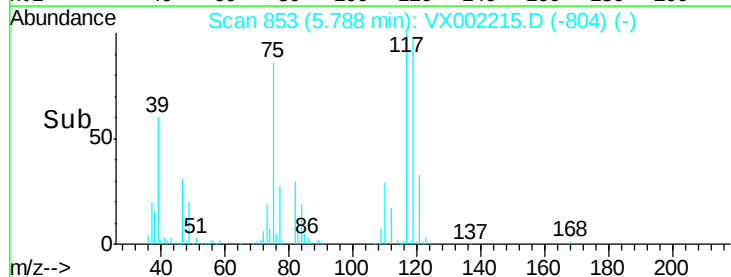
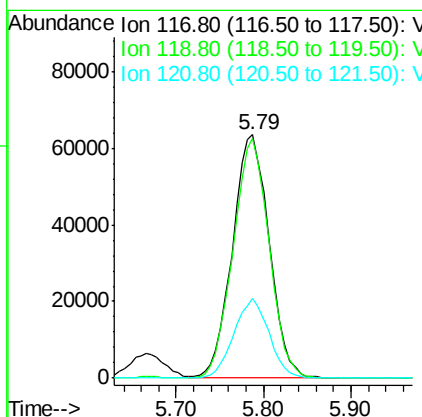
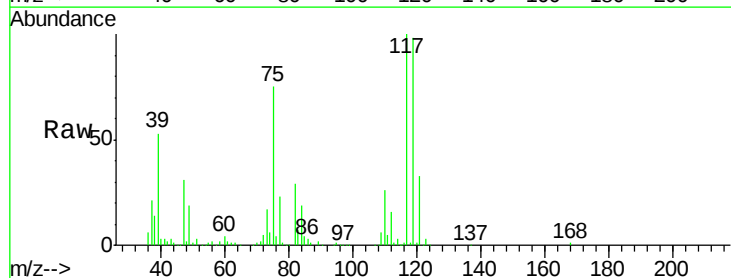
Manual Integrations
APPROVED

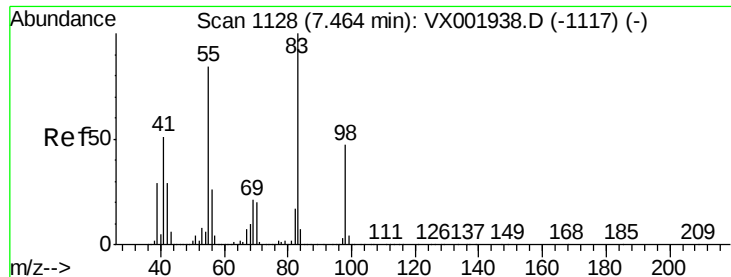
MMDadoda
6/4/2018 2:31:31 PM



#38
Carbon Tetrachloride
Concen: 41.033 ug/l
RT: 5.79 min Scan# 853
Delta R.T. 0.00 min
Lab File: VX002215.D
Acq: 01 Jun 2018 13:59

Tgt Ion	Ratio	Lower	Upper
117	100		
119	98.3	78.5	117.7
121	32.8	25.5	38.3





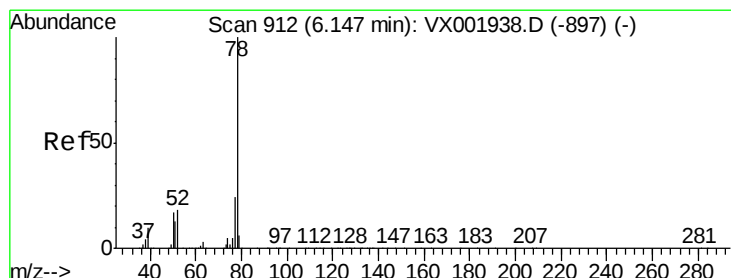
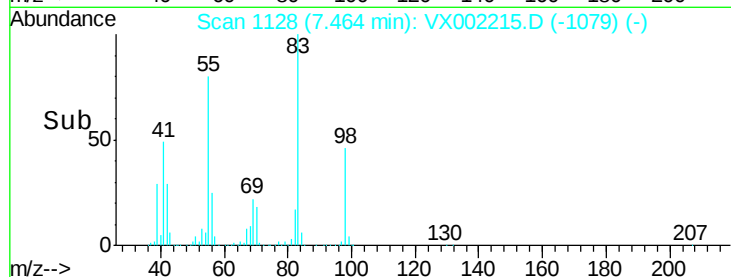
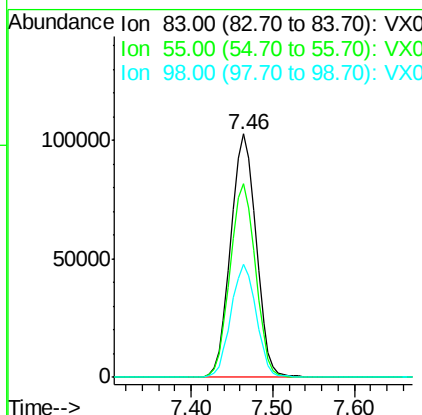
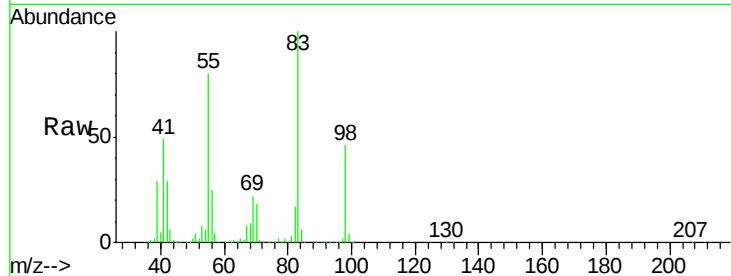
#39
Methylcyclohexane
Concen: 46.337 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. 0.00 min
Lab File: VX002215.D
Acq: 01 Jun 2018 13:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
83	100		
55	79.7	67.3	100.9
98	46.5	37.5	56.3

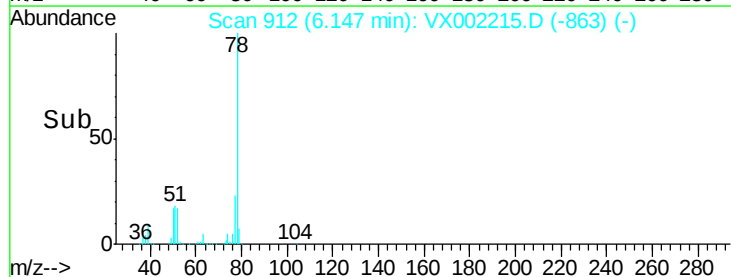
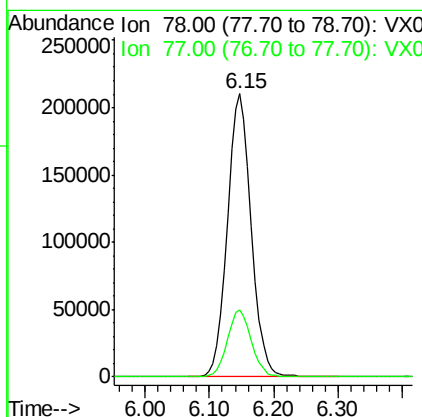
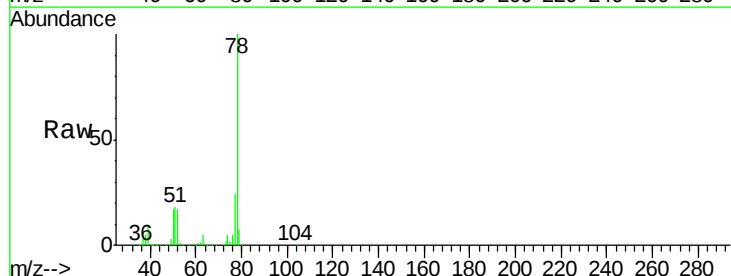
Manual Integrations
APPROVED

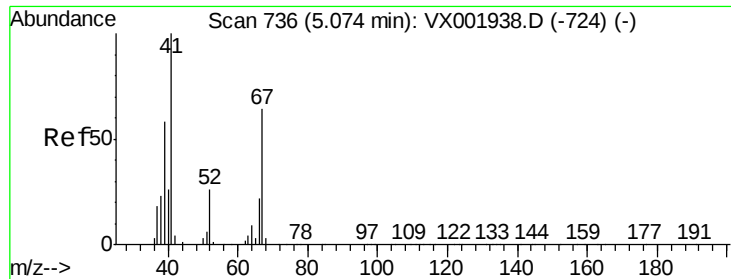
MMDadoda
6/4/2018 2:31:31 PM



#40
Benzene
Concen: 48.042 ug/l
RT: 6.15 min Scan# 912
Delta R.T. 0.00 min
Lab File: VX002215.D
Acq: 01 Jun 2018 13:59

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.7	19.1	28.7





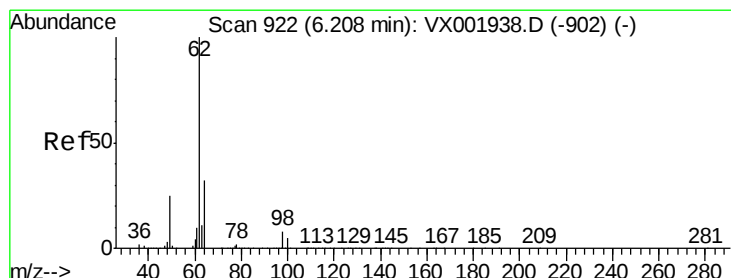
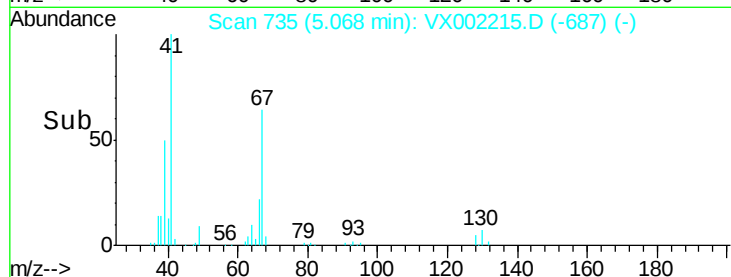
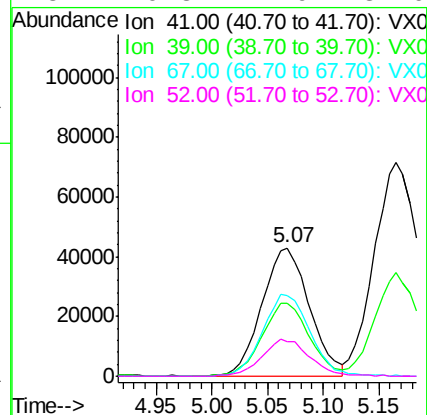
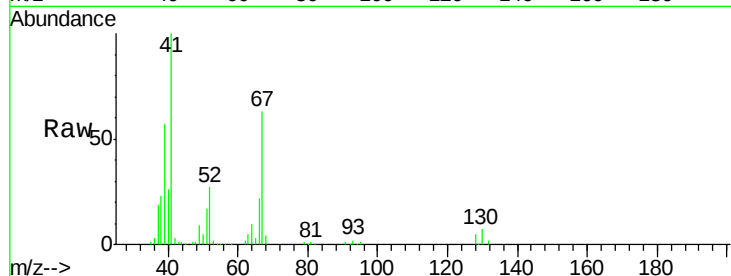
#41
Methacrylonitrile
Concen: 47.583 ug/l
RT: 5.07 min Scan# 735
Delta R.T. -0.01 min
Lab File: VX002215.D
Acq: 01 Jun 2018 13:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion	Ion	Ratio	Lower	Upper
41	100			
39	57.0	46.0	69.0	
67	63.9	50.6	75.8	
52	29.3	21.9	32.9	

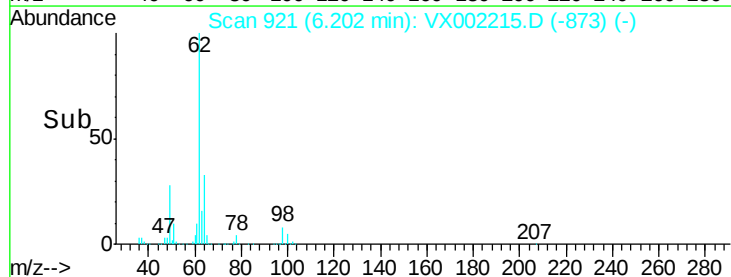
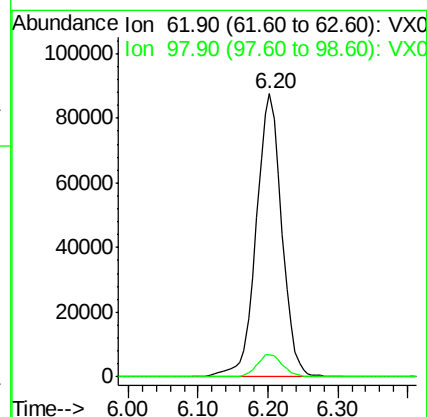
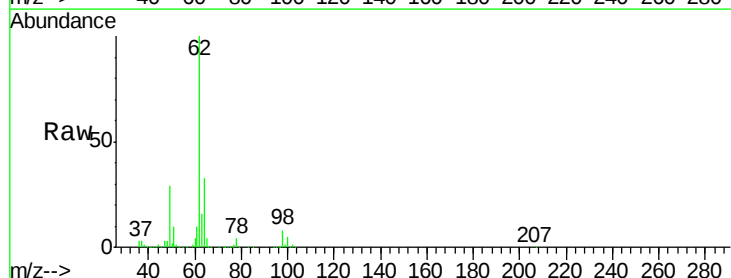
Manual Integrations
APPROVED

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6/4/2018 2:31:31 PM



#42
1,2-Dichloroethane
Concen: 48.816 ug/l
RT: 6.20 min Scan# 921
Delta R.T. -0.01 min
Lab File: VX002215.D
Acq: 01 Jun 2018 13:59

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	8.0	0.0	17.0	





#43

Isopropyl Acetate

Concen: 44.956 ug/l

RT: 6.47 min Scan# 965

Delta R.T. -0.01 min

Lab File: VX002215.D

Acq: 01 Jun 2018 13:59

Instrument :

MSVOA_X

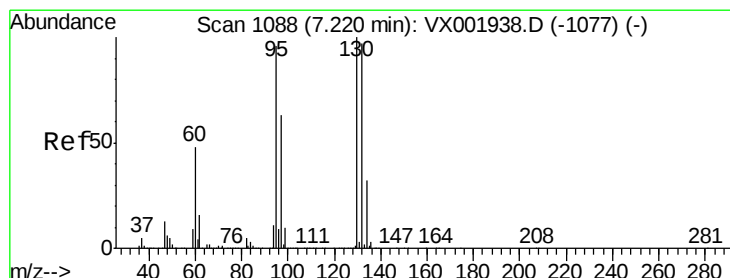
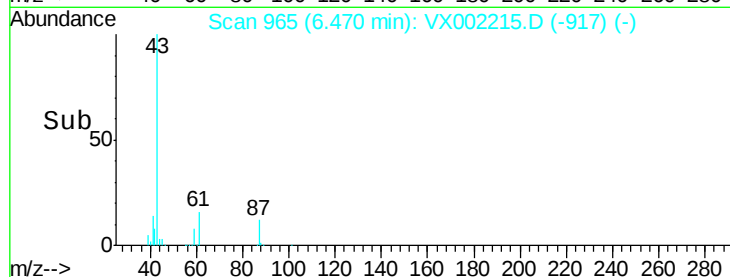
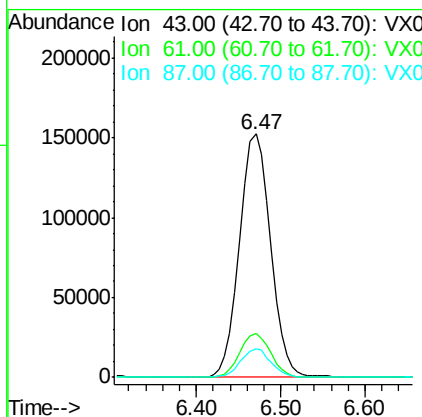
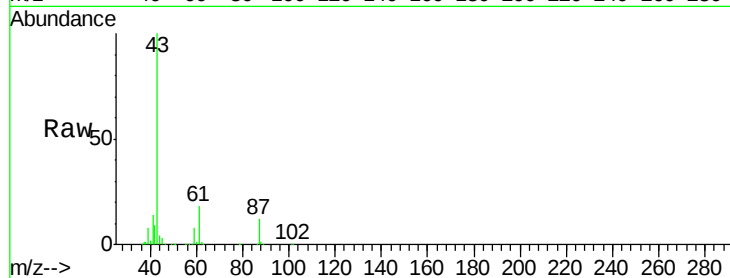
ClientSampleId :

VSTDCCC050

Tgt Ion:	43	Resp:	379093
Ion	Ratio	Lower	Upper
43	100		
61	17.9	14.5	21.7
87	11.6	9.5	14.3

Manual Integrations
APPROVED

MMDadoda
6/4/2018 2:31:31 PM



#44

Trichloroethene

Concen: 46.917 ug/l

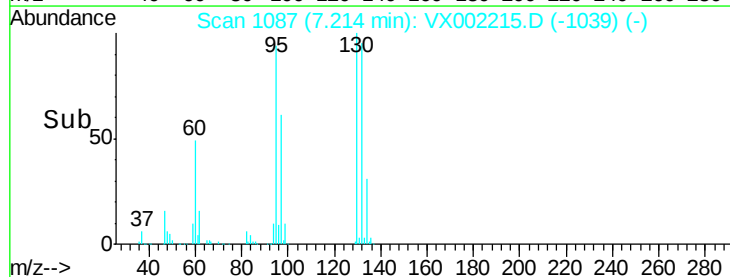
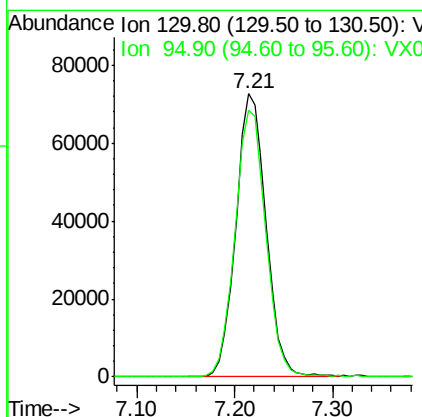
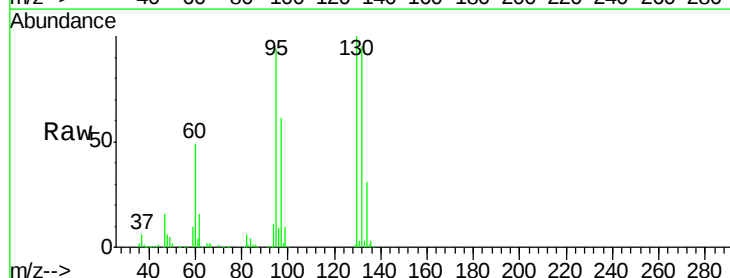
RT: 7.21 min Scan# 1087

Delta R.T. -0.01 min

Lab File: VX002215.D

Acq: 01 Jun 2018 13:59

Tgt Ion:	130	Resp:	155489
Ion	Ratio	Lower	Upper
130	100		
95	94.1	0.0	192.0





#45

1,2-Dichloropropane

Concen: 48.817 ug/l

RT: 7.52 min Scan# 1137

Delta R.T. 0.00 min

Lab File: VX002215.D

Acq: 01 Jun 2018 13:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 63 Resp: 150773

Ion Ratio Lower Upper

63 100

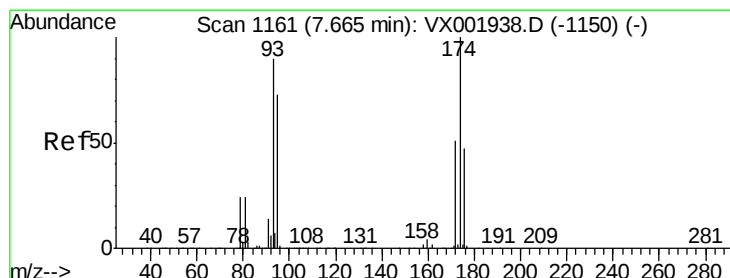
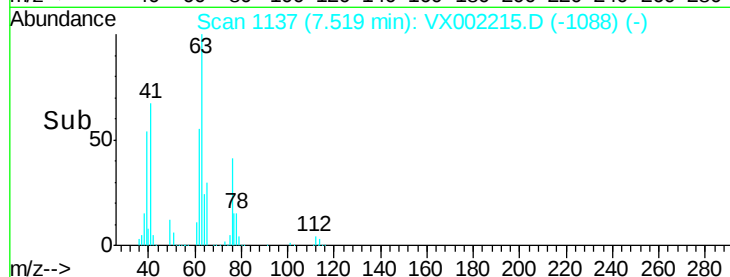
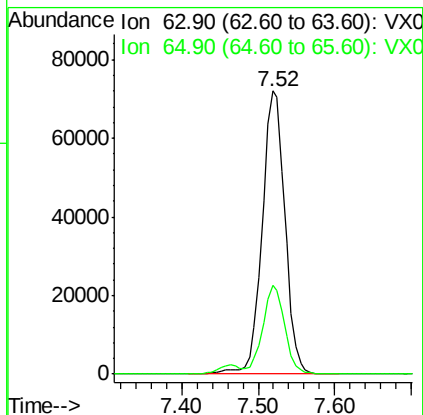
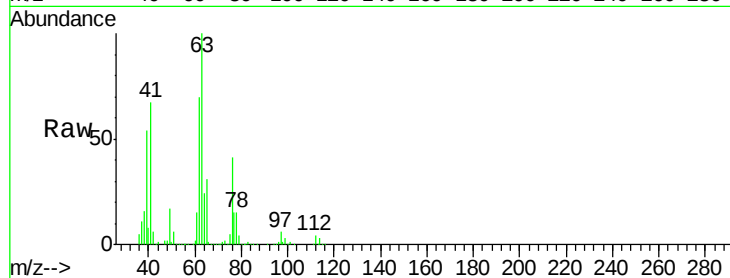
65 31.4 24.1 36.1

Manual Integrations

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#46

Dibromomethane

Concen: 48.977 ug/l

RT: 7.67 min Scan# 1161

Delta R.T. 0.00 min

Lab File: VX002215.D

Acq: 01 Jun 2018 13:59

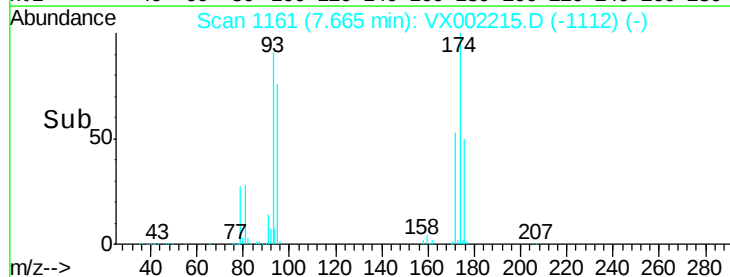
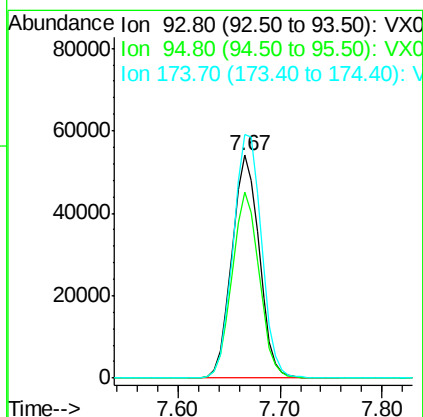
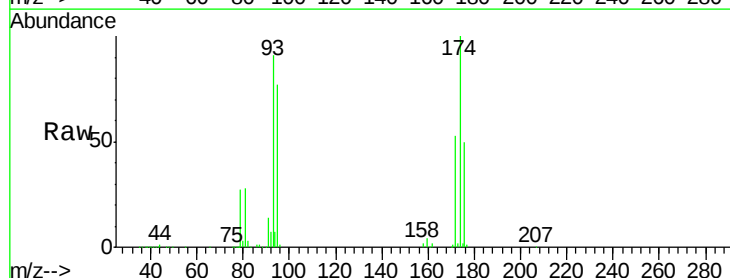
Tgt Ion: 93 Resp: 100151

Ion Ratio Lower Upper

93 100

95 83.1 66.1 99.1

174 113.6 92.5 138.7





#47

Bromodichloromethane

Concen: 43.038 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. 0.00 min

Lab File: VX002215.D

Acq: 01 Jun 2018 13:59

Instrument :

MSVOA_X

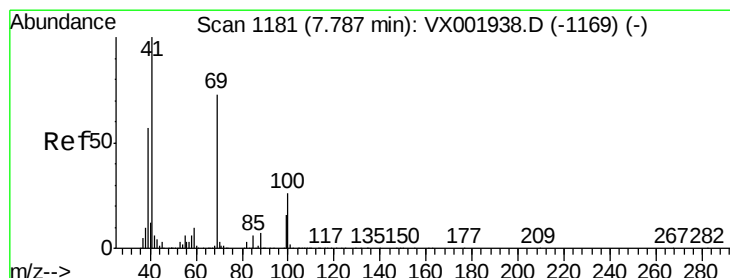
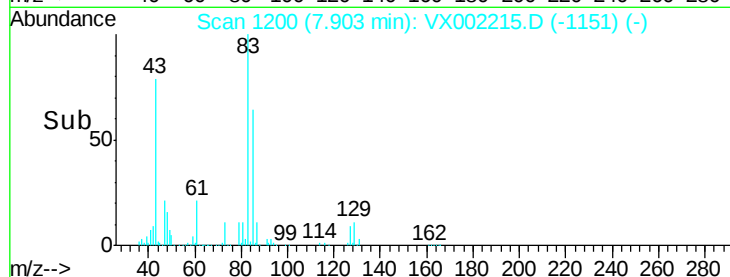
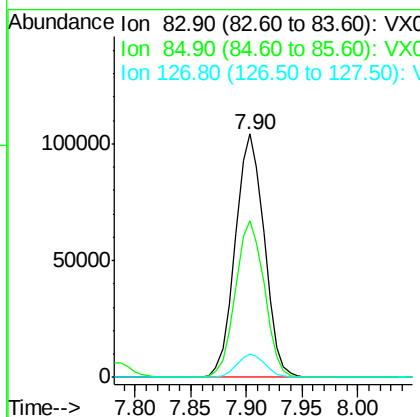
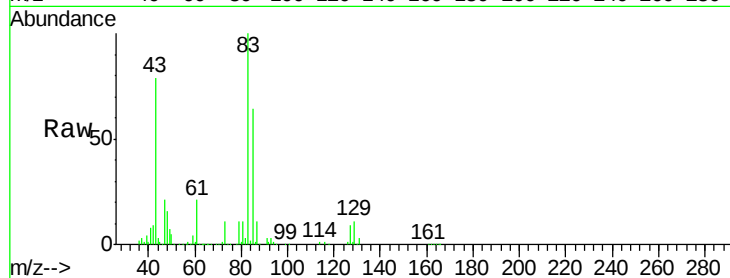
ClientSampleId :

VSTDCCC050

Tgt Ion:	83	Resp:	187649
Ion	Ratio	Lower	Upper
83	100		
85	64.2	51.4	77.2
127	9.5	7.1	10.7

Manual Integrations
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#48

Methyl methacrylate

Concen: 45.864 ug/l

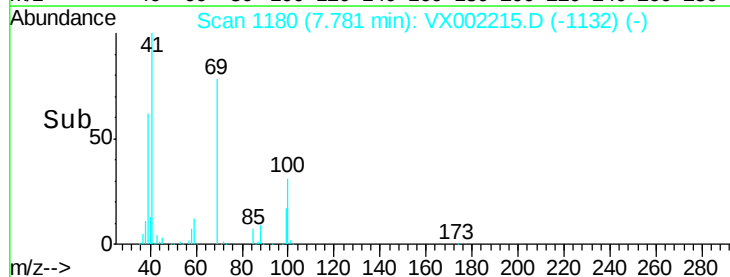
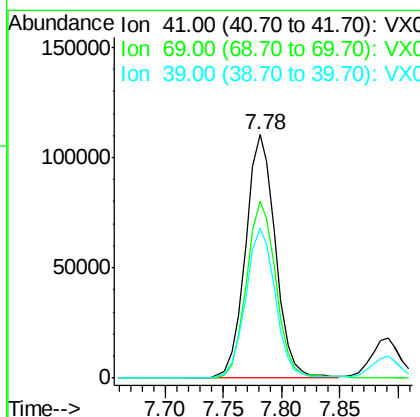
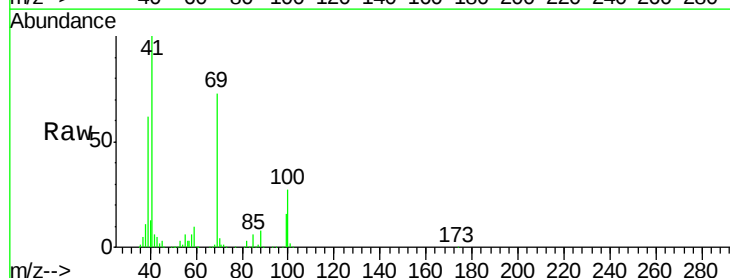
RT: 7.78 min Scan# 1180

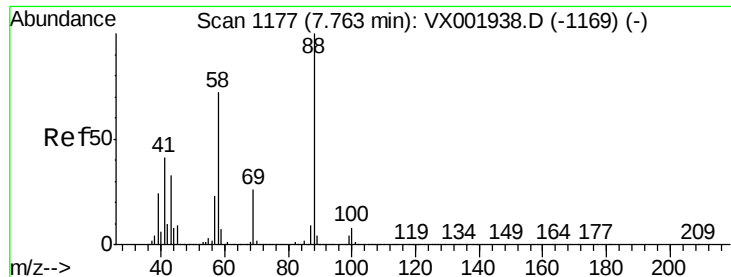
Delta R.T. -0.01 min

Lab File: VX002215.D

Acq: 01 Jun 2018 13:59

Tgt Ion:	41	Resp:	196839
Ion	Ratio	Lower	Upper
41	100		
69	72.8	58.6	87.8
39	61.3	46.3	69.5





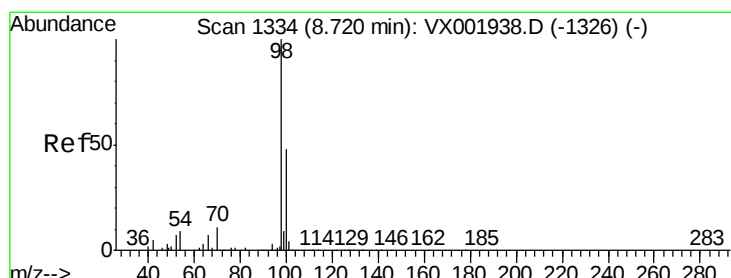
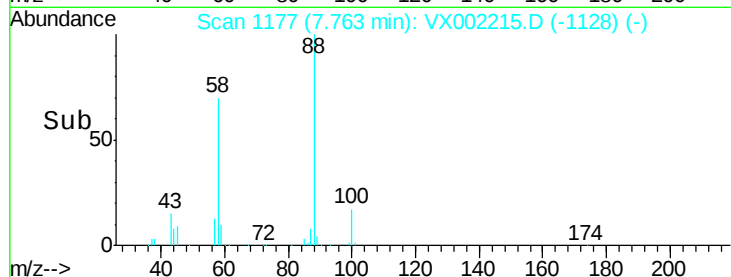
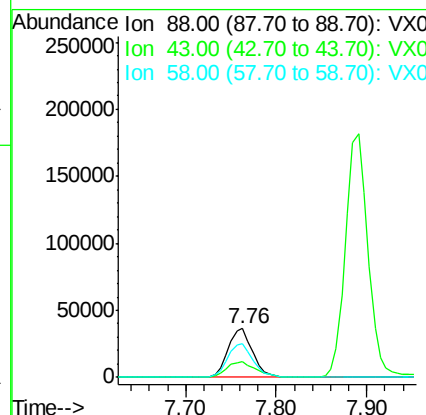
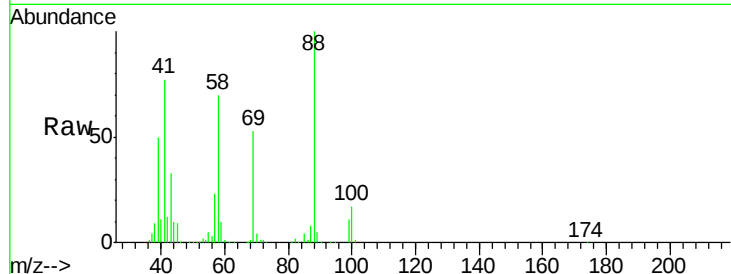
#49
1,4-Dioxane
Concen: 907.328 ug/l
RT: 7.76 min Scan# 1177
Delta R.T. 0.00 min
Lab File: VX002215.D
Acq: 01 Jun 2018 13:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
88	100		
43	37.3	29.8	44.8
58	72.5	58.7	88.1

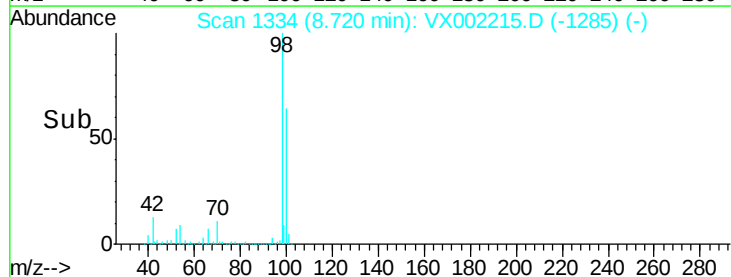
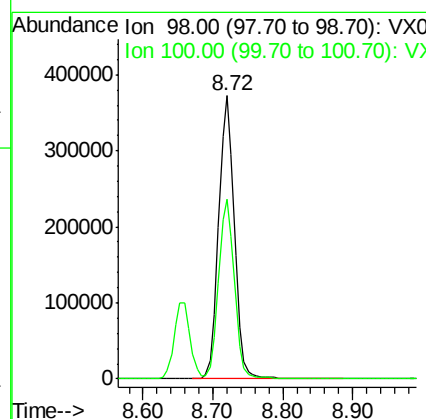
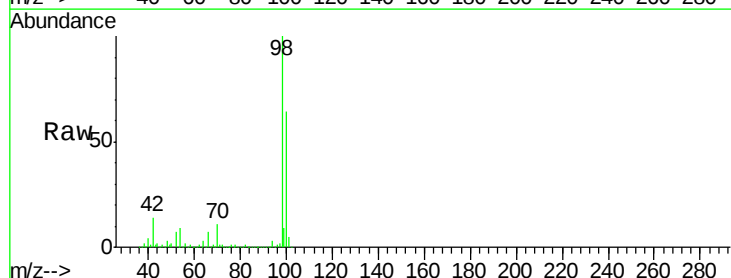
Manual Integrations
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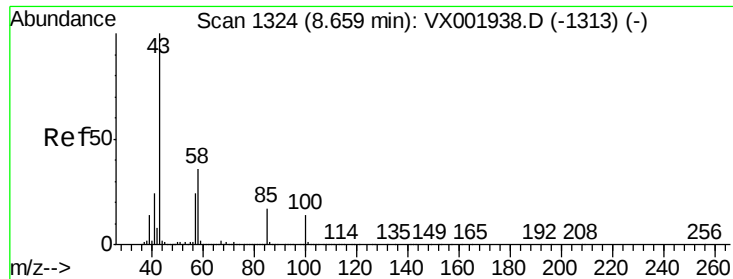
MMDadoda
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#50
Toluene-d8
Concen: 57.468 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX002215.D
Acq: 01 Jun 2018 13:59

Tgt Ion	Ratio	Lower	Upper
98	100		
100	63.9	51.5	77.3





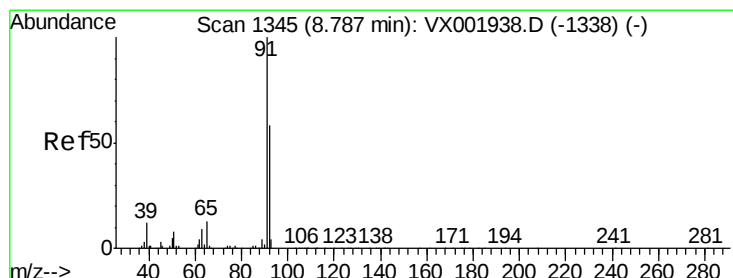
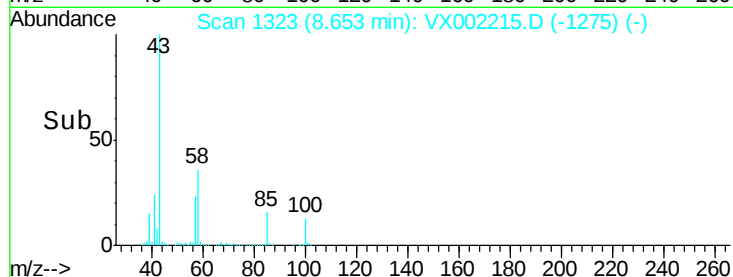
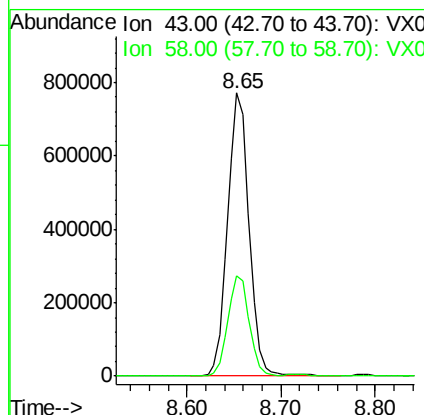
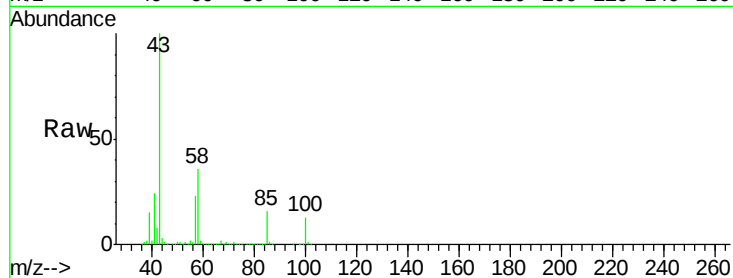
#51
4-Methyl-2-Pentanone
Concen: 240.443 ug/l
RT: 8.65 min Scan# 1323
Delta R.T. -0.01 min
Lab File: VX002215.D
Acq: 01 Jun 2018 13:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 1222240
Ion Ratio Lower Upper
43 100
58 35.2 28.5 42.7

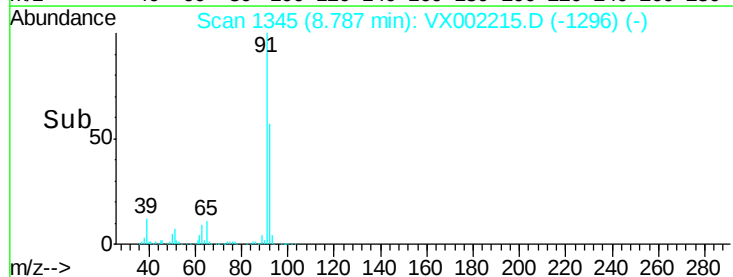
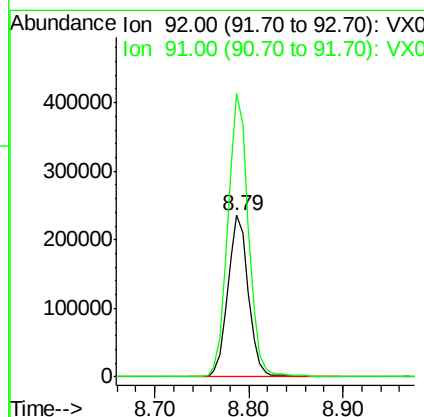
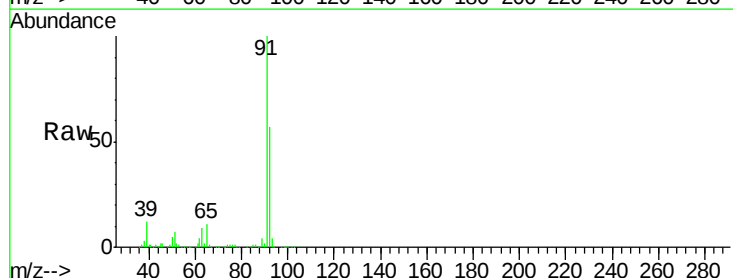
Manual Integrations
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6/4/2018 2:31:31 PM



#52
Toluene
Concen: 49.493 ug/l
RT: 8.79 min Scan# 1345
Delta R.T. 0.00 min
Lab File: VX002215.D
Acq: 01 Jun 2018 13:59

Tgt Ion: 92 Resp: 358217
Ion Ratio Lower Upper
92 100
91 175.8 139.4 209.2





#53

t-1,3-Dichloropropene

Concen: 45.912 ug/l

RT: 8.44 min Scan# 1288

Delta R.T. 0.00 min

Lab File: VX002215.D

Acq: 01 Jun 2018 13:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 75 Resp: 230555

Ion Ratio Lower Upper

75 100

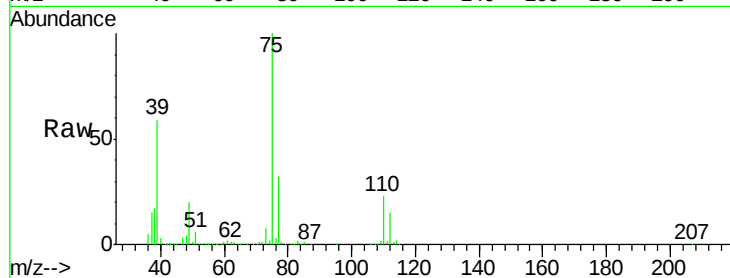
77 31.5 25.5 38.3

Manual Integrations

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Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

8.44

150000

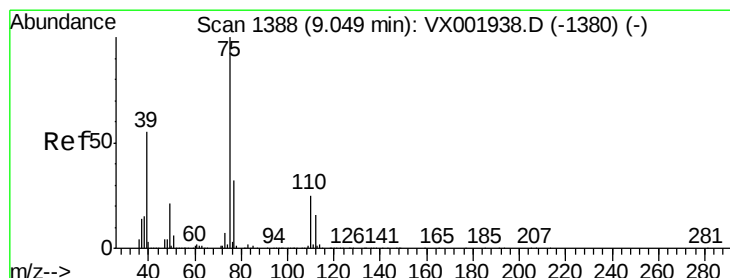
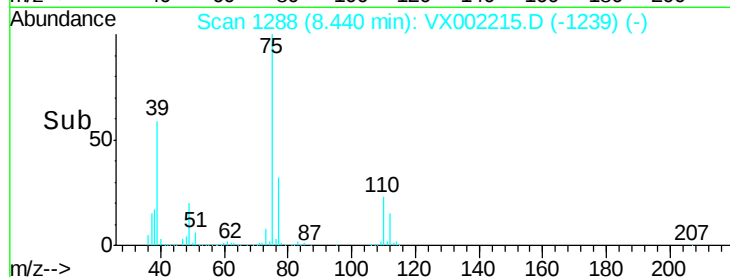
100000

50000

0

8.40 8.50 8.60

Time-->



#54

cis-1,3-Dichloropropene

Concen: 44.599 ug/l

RT: 9.04 min Scan# 1387

Delta R.T. -0.01 min

Lab File: VX002215.D

Acq: 01 Jun 2018 13:59

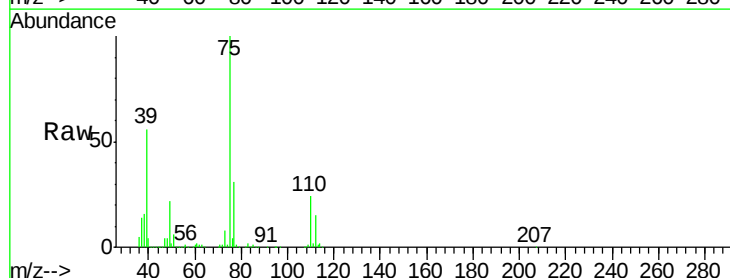
Tgt Ion: 75 Resp: 218238

Ion Ratio Lower Upper

75 100

77 31.3 25.4 38.0

39 55.4 44.1 66.1



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

9.04

200000

150000

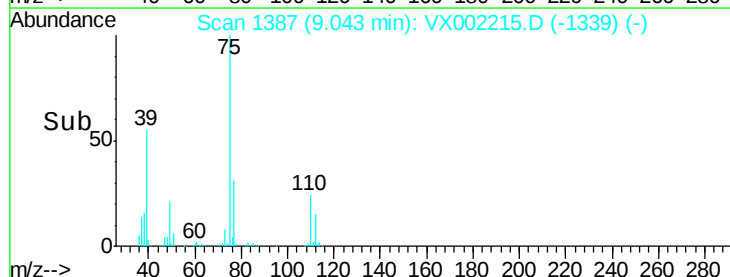
100000

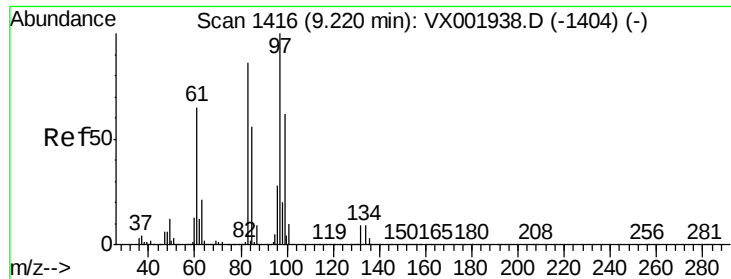
50000

0

8.95 9.00 9.05 9.10 9.15

Time-->





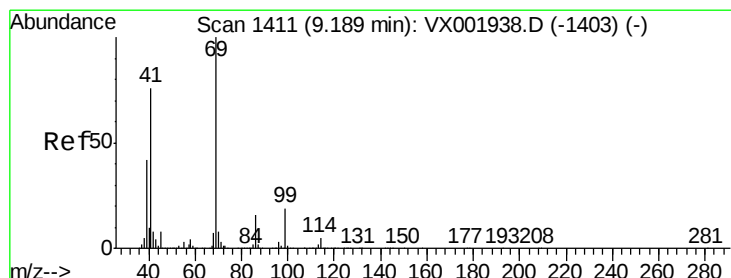
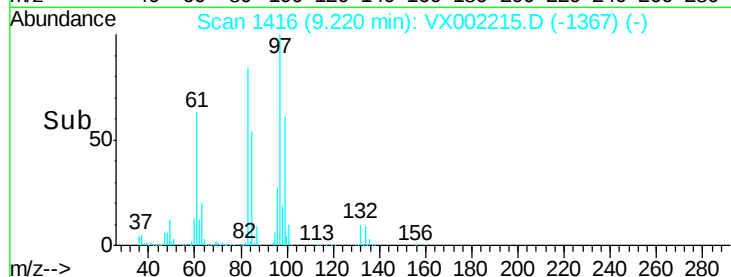
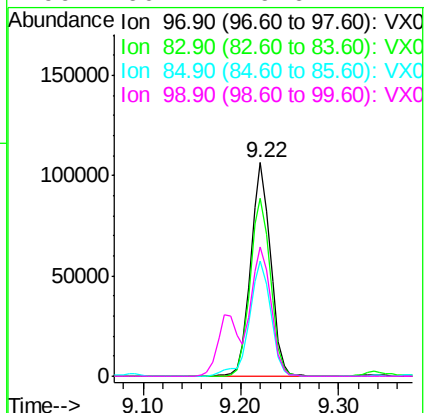
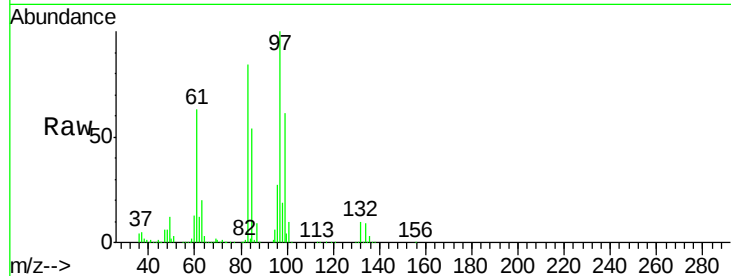
#55
 1,1,2-Trichloroethane
 Concen: 49.824 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. 0.00 min
 Lab File: VX002215.D
 Acq: 01 Jun 2018 13:59

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion:	97	Resp:	150644
Ion	Ratio	Lower	Upper
97	100		
83	83.6	69.1	103.7
85	54.2	45.2	67.8
99	60.7	49.6	74.4

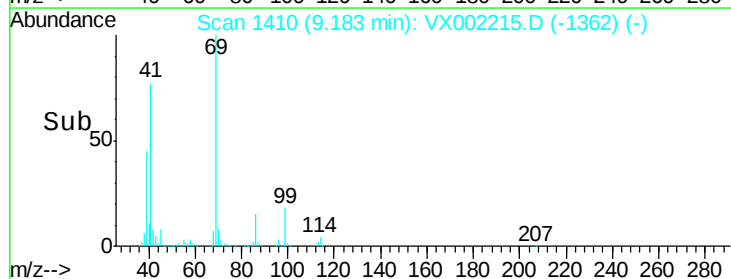
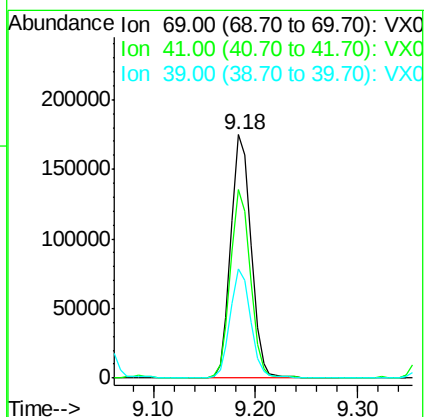
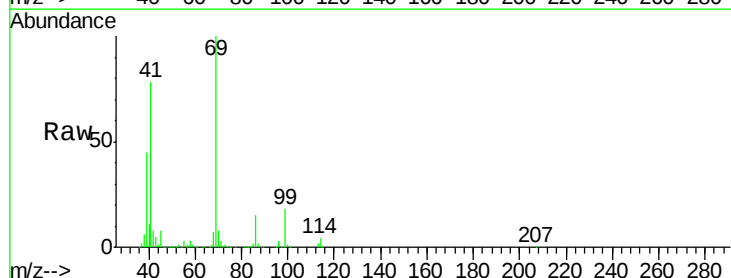
Manual Integrations
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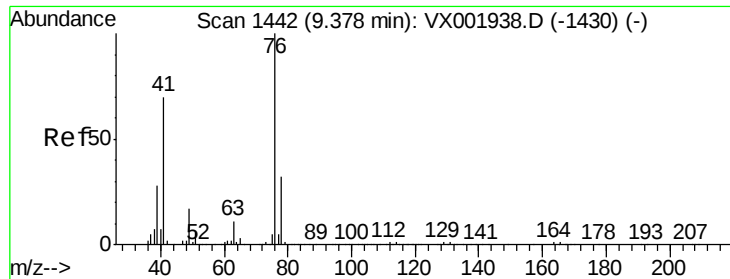
MMDadoda
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#56
 Ethyl methacrylate
 Concen: 46.217 ug/l
 RT: 9.18 min Scan# 1410
 Delta R.T. -0.01 min
 Lab File: VX002215.D
 Acq: 01 Jun 2018 13:59

Tgt Ion:	69	Resp:	240360
Ion	Ratio	Lower	Upper
69	100		
41	76.3	61.0	91.6
39	44.6	34.4	51.6





#57

1,3-Dichloropropane

Concen: 50.052 ug/l

RT: 9.38 min Scan# 1442

Delta R.T. 0.00 min

Lab File: VX002215.D

Acq: 01 Jun 2018 13:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 76 Resp: 249308

Ion Ratio Lower Upper

76 100

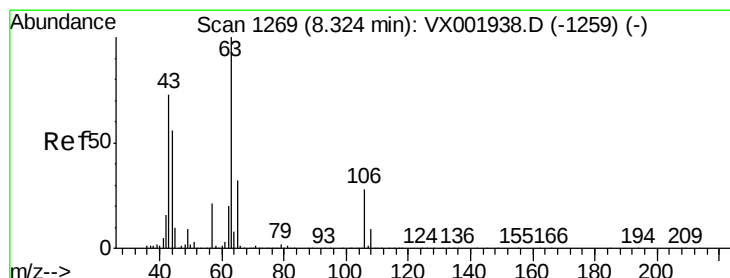
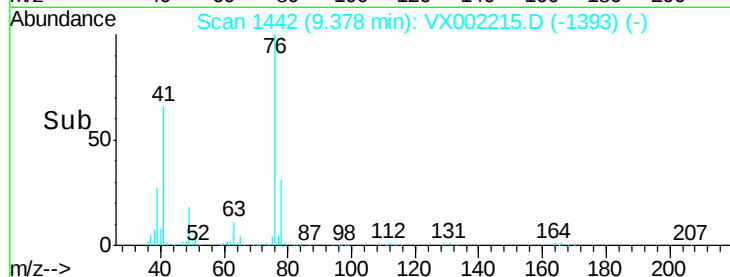
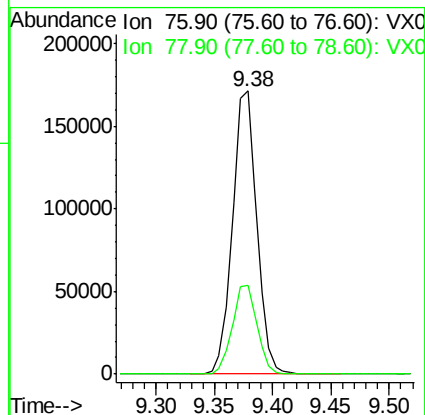
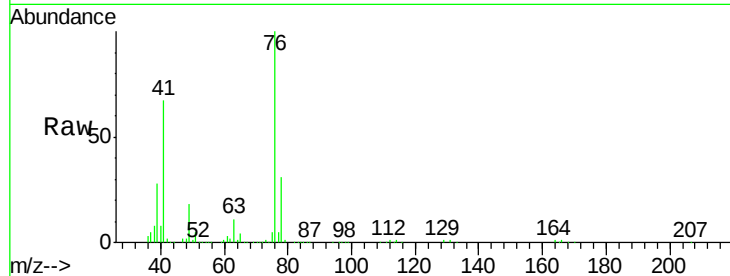
78 32.3 25.6 38.4

Manual Integrations

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6/4/2018 2:31:31 PM



#58

2-Chloroethyl Vinyl ether

Concen: 223.941 ug/l

RT: 8.32 min Scan# 1268

Delta R.T. -0.01 min

Lab File: VX002215.D

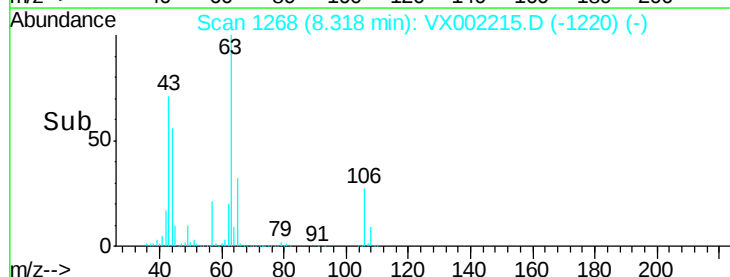
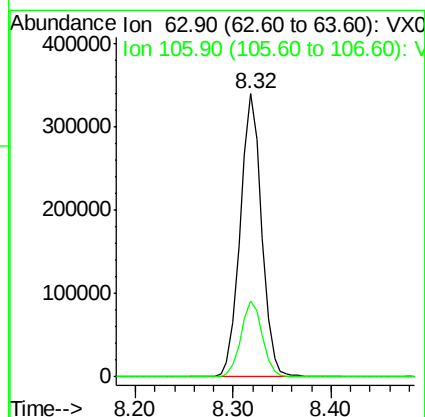
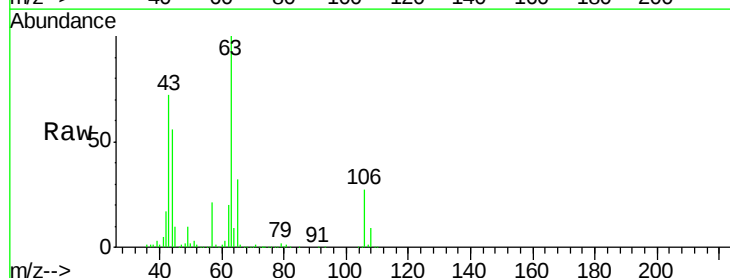
Acq: 01 Jun 2018 13:59

Tgt Ion: 63 Resp: 516195

Ion Ratio Lower Upper

63 100

106 27.0 21.7 32.5





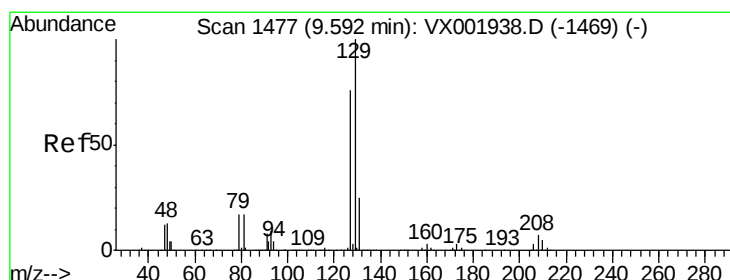
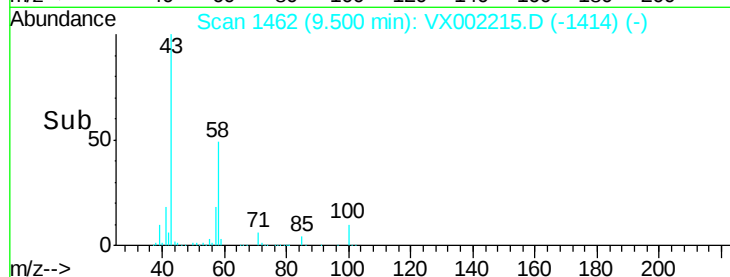
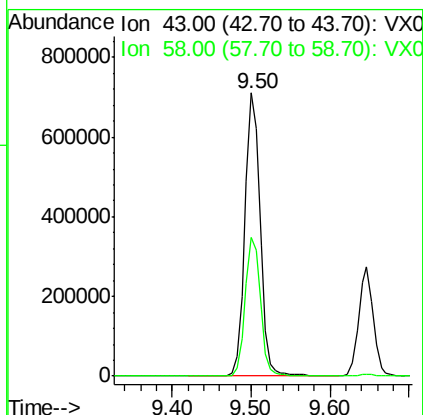
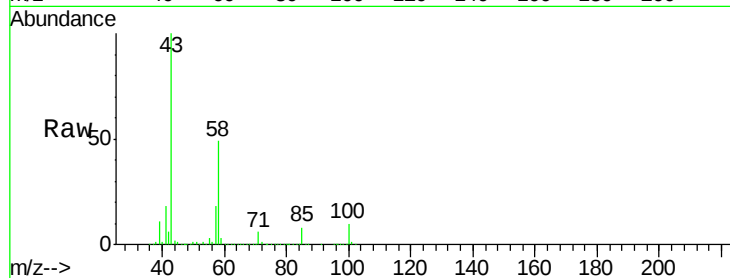
#59
2-Hexanone
Concen: 242.797 ug/l
RT: 9.50 min Scan# 1462
Delta R.T. -0.01 min
Lab File: VX002215.D
Acq: 01 Jun 2018 13:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 951652
Ion Ratio Lower Upper
43 100
58 49.3 24.9 74.6

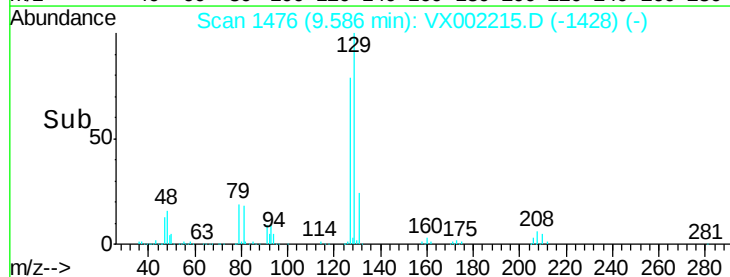
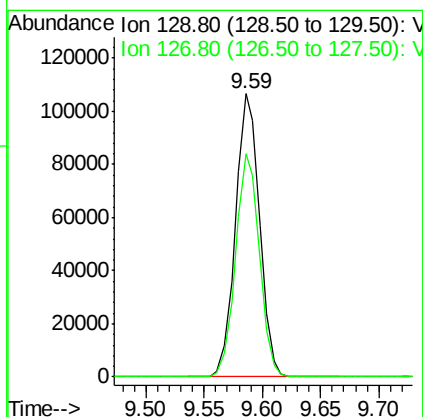
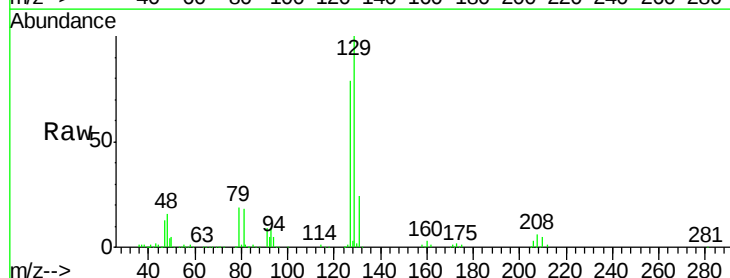
Manual Integrations
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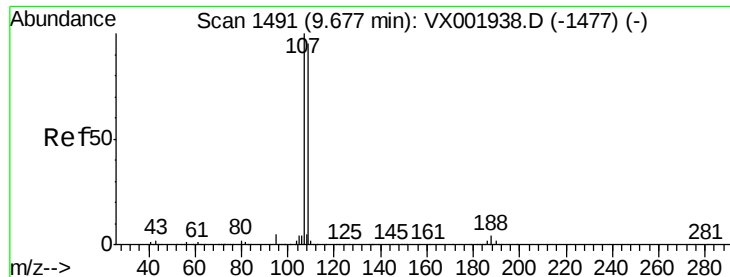
MMDadoda
6/4/2018 2:31:31 PM



#60
Dibromochloromethane
Concen: 42.822 ug/l
RT: 9.59 min Scan# 1476
Delta R.T. -0.01 min
Lab File: VX002215.D
Acq: 01 Jun 2018 13:59

Tgt Ion: 129 Resp: 153356
Ion Ratio Lower Upper
129 100
127 78.2 38.3 114.9





#61

1,2-Dibromoethane

Concen: 49.755 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. 0.00 min

Lab File: VX002215.D

Acq: 01 Jun 2018 13:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 107 Resp: 157854

Ion Ratio Lower Upper

107 100

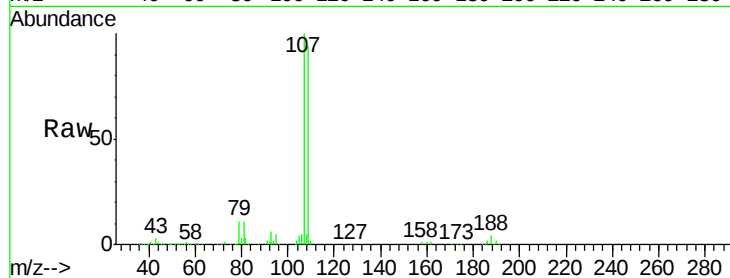
109 94.8 75.3 112.9

Manual Integrations

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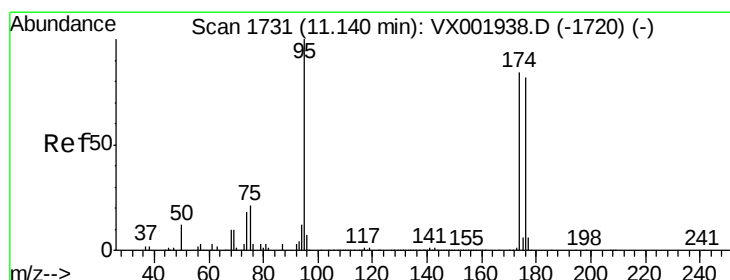
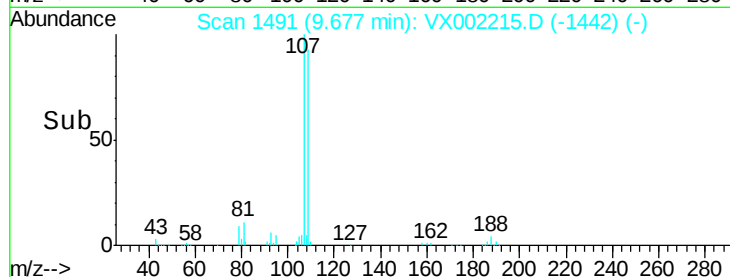
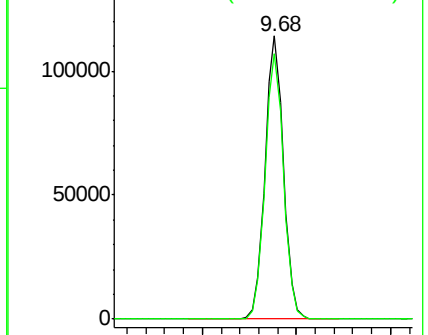
MMDadoda

6/4/2018 2:31:31 PM



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 58.849 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX002215.D

Acq: 01 Jun 2018 13:59

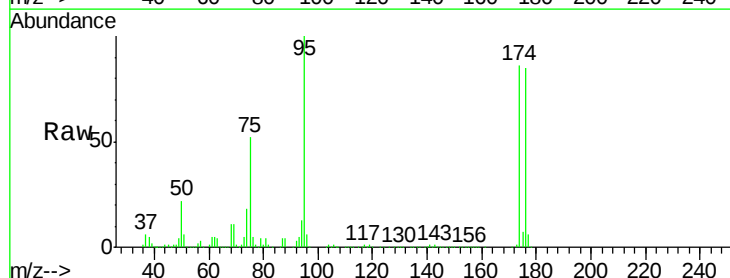
Tgt Ion: 95 Resp: 232640

Ion Ratio Lower Upper

95 100

174 91.7 0.0 178.8

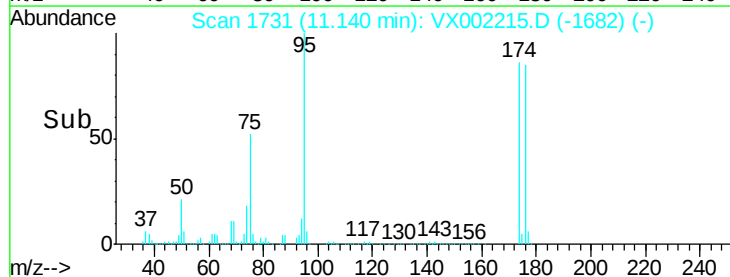
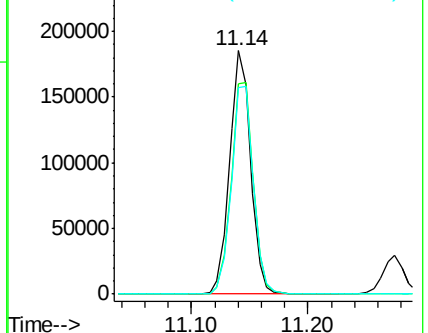
176 89.8 0.0 175.6



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





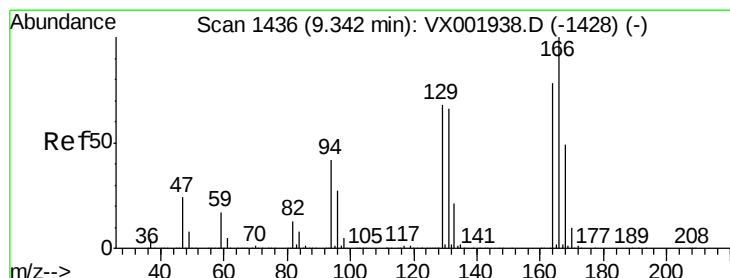
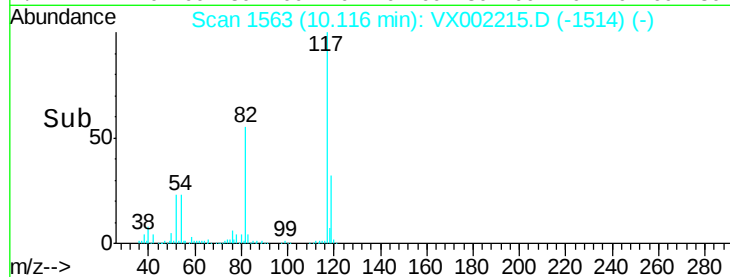
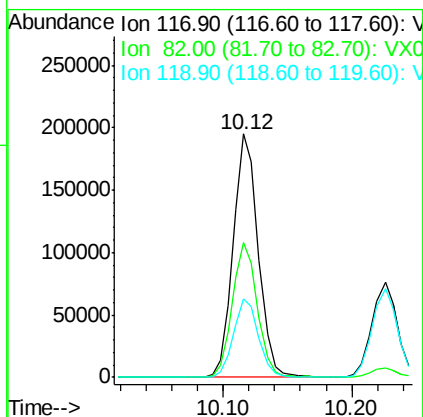
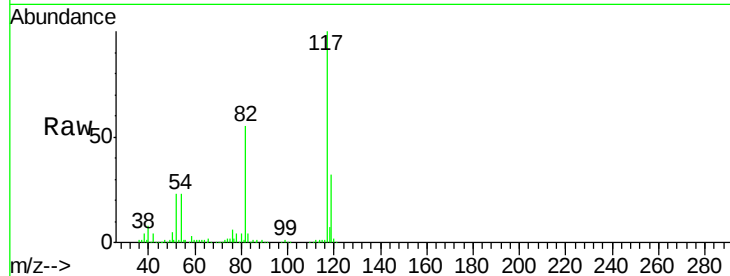
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. 0.00 min
Lab File: VX002215.D
Acq: 01 Jun 2018 13:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	264642		
82	55.4	44.8	67.2	
119	32.5	25.5	38.3	

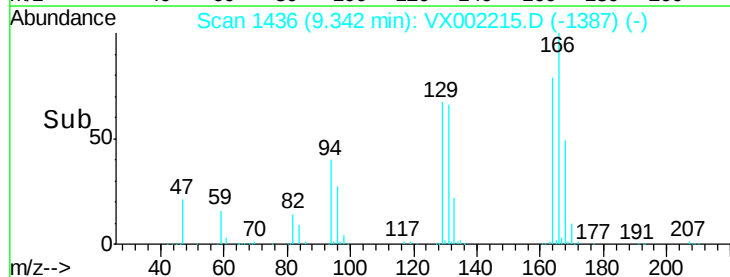
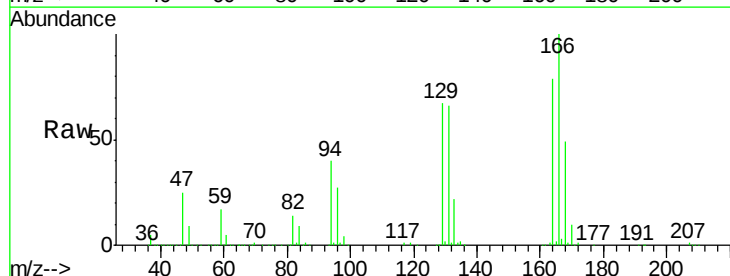
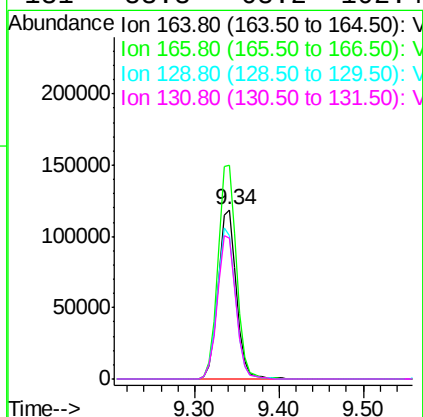
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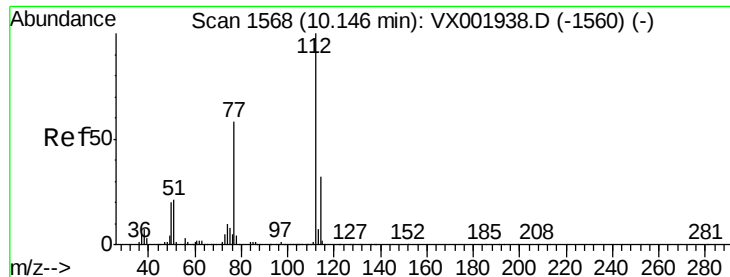
MMDadoda
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#64
Tetrachloroethene
Concen: 46.872 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. 0.00 min
Lab File: VX002215.D
Acq: 01 Jun 2018 13:59

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	177852		
166	126.0	102.7	154.1	
129	84.4	70.3	105.5	
131	83.3	68.2	102.4	





#65

Chlorobenzene

Concen: 49.431 ug/l

RT: 10.14 min Scan# 1567

Delta R.T. -0.01 min

Lab File: VX002215.D

Acq: 01 Jun 2018 13:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:112 Resp: 414455

Ion Ratio Lower Upper

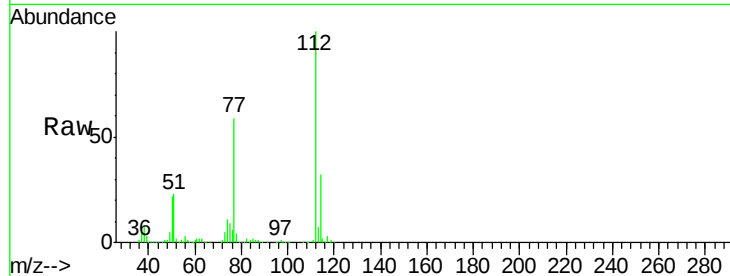
112 100

114 31.9 25.9 38.9

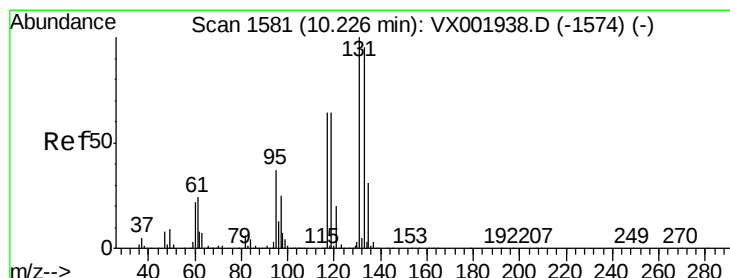
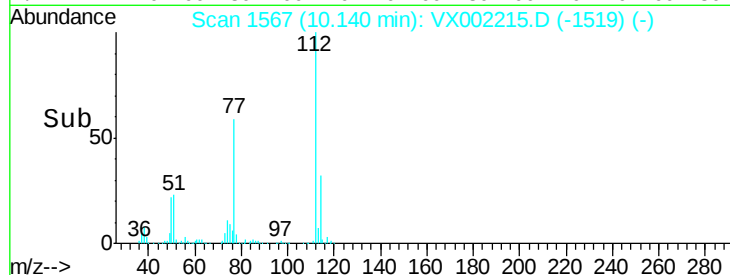
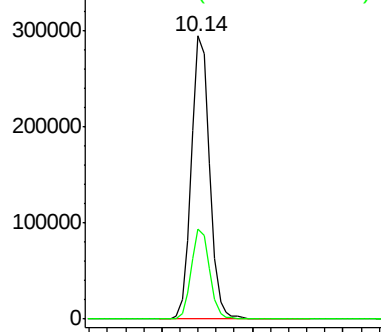
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Abundance Ion 111.90 (111.60 to 112.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 45.374 ug/l

RT: 10.23 min Scan# 1581

Delta R.T. 0.00 min

Lab File: VX002215.D

Acq: 01 Jun 2018 13:59

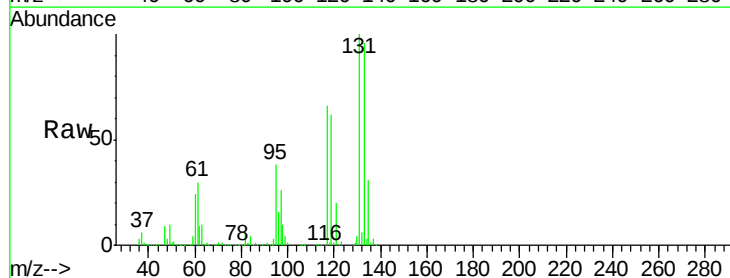
Tgt Ion:131 Resp: 153623

Ion Ratio Lower Upper

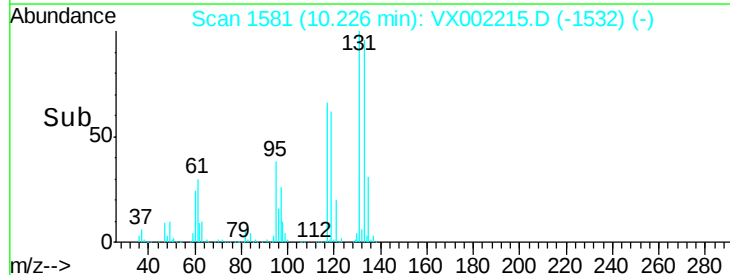
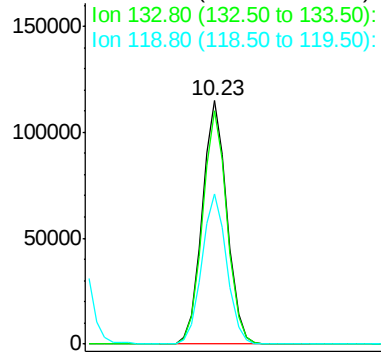
131 100

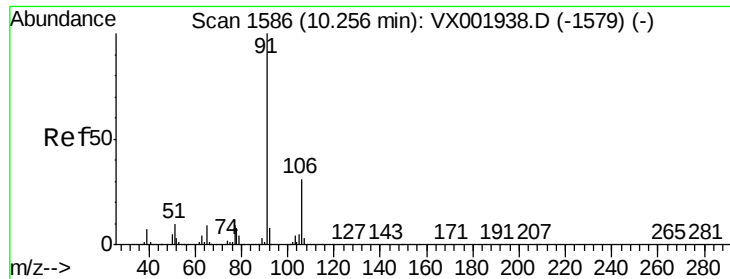
133 95.0 48.0 144.0

119 62.3 31.9 95.5



Abundance Ion 130.80 (130.50 to 131.50): V





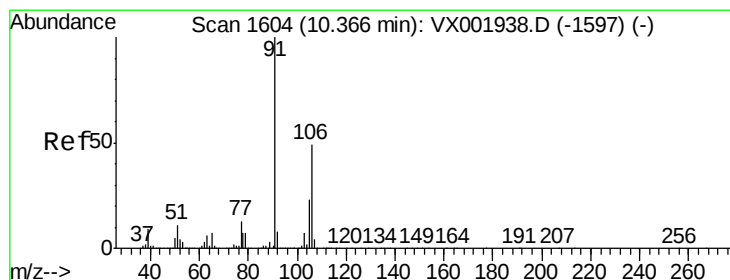
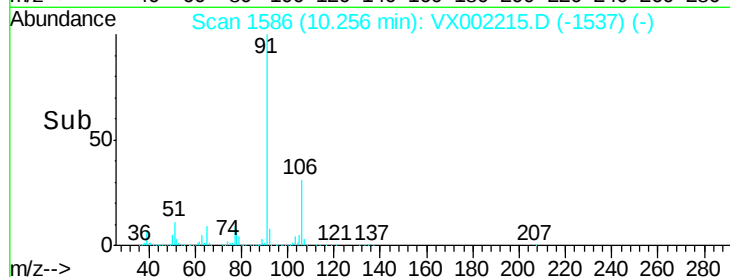
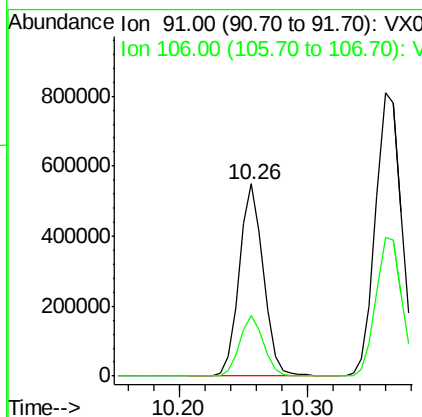
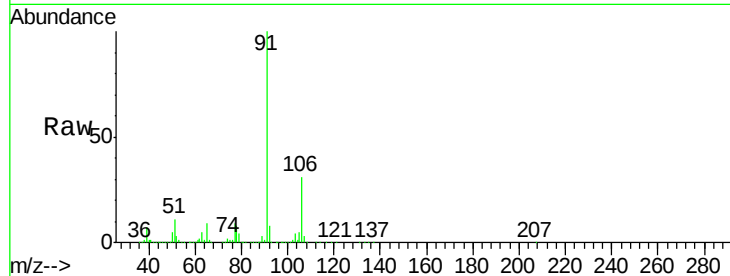
#67
Ethyl Benzene
Concen: 48.865 ug/l
RT: 10.26 min Scan# 1586
Delta R.T. 0.00 min
Lab File: VX002215.D
Acq: 01 Jun 2018 13:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 711847
Ion Ratio Lower Upper
91 100
106 31.3 25.0 37.6

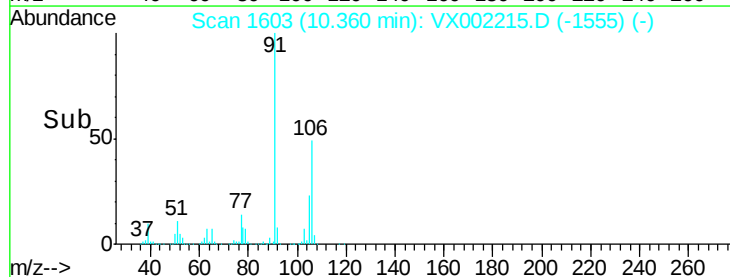
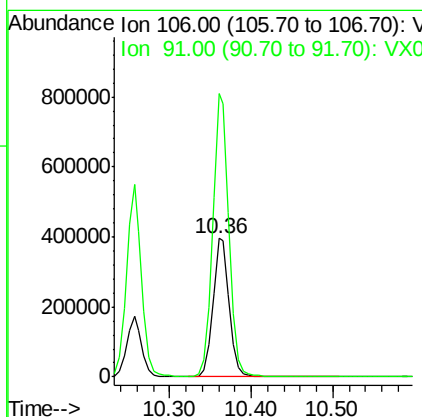
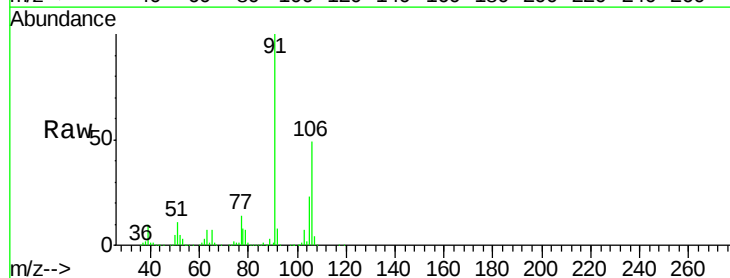
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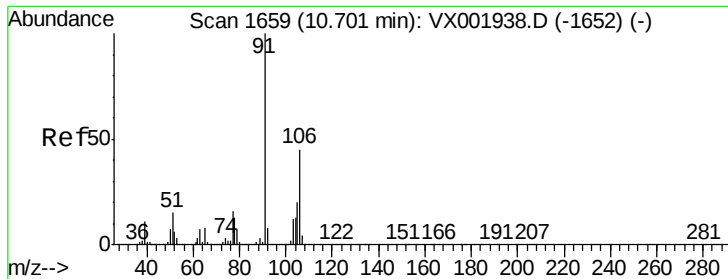
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#68
m/p-Xylenes
Concen: 99.588 ug/l
RT: 10.36 min Scan# 1603
Delta R.T. -0.01 min
Lab File: VX002215.D
Acq: 01 Jun 2018 13:59

Tgt Ion: 106 Resp: 554572
Ion Ratio Lower Upper
106 100
91 204.7 165.0 247.6





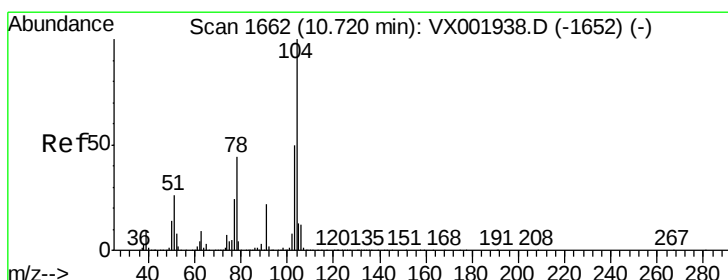
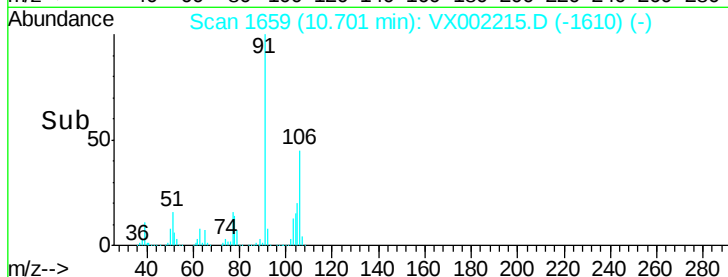
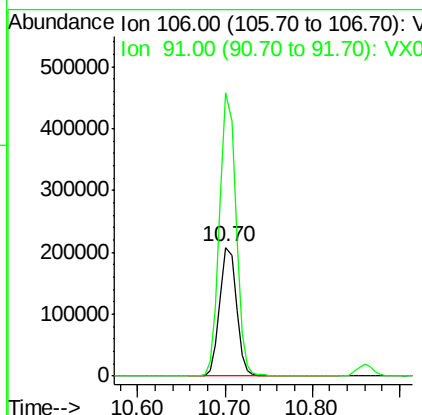
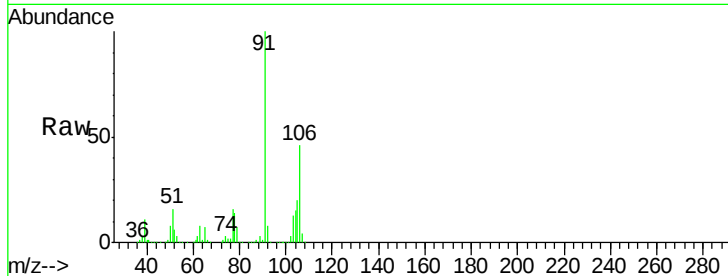
#69
o-Xylene
Concen: 49.556 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. 0.00 min
Lab File: VX002215.D
Acq: 01 Jun 2018 13:59

Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050

Tgt Ion:106 Resp: 275542
Ion Ratio Lower Upper
106 100
91 215.8 108.7 325.9

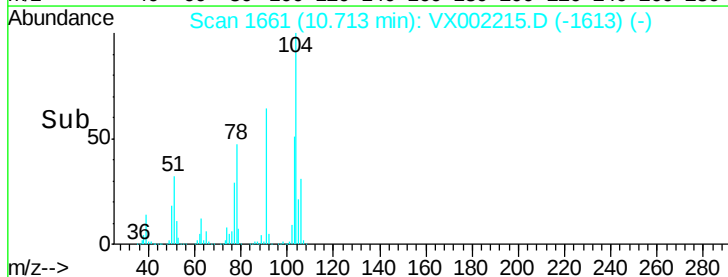
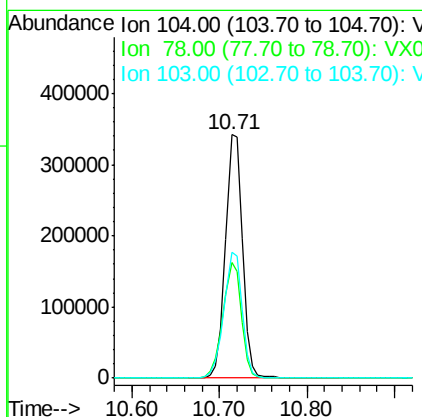
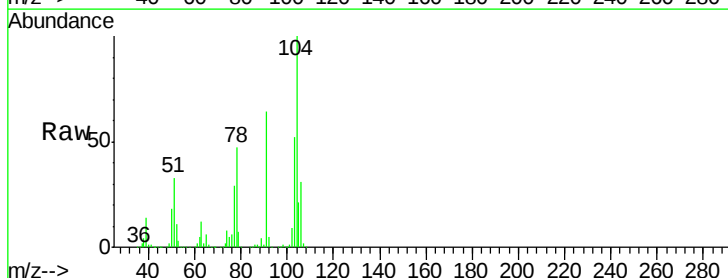
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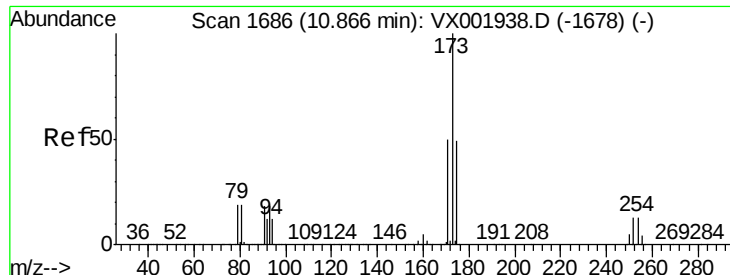
MMDadoda
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#70
Styrene
Concen: 50.075 ug/l
RT: 10.71 min Scan# 1661
Delta R.T. -0.01 min
Lab File: VX002215.D
Acq: 01 Jun 2018 13:59

Tgt Ion:104 Resp: 461747
Ion Ratio Lower Upper
104 100
78 51.4 41.8 62.6
103 55.6 44.6 67.0





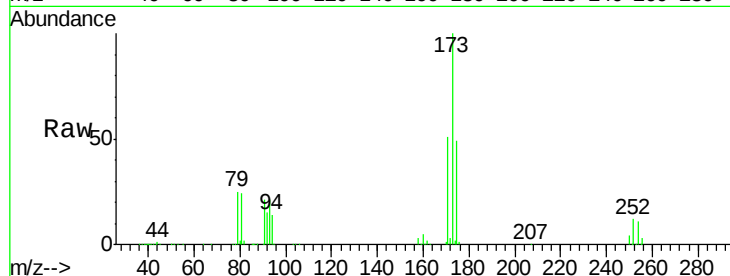
#71
Bromoform
Concen: 37.361 ug/l
RT: 10.86 min Scan# 1685
Delta R.T. -0.01 min
Lab File: VX002215.D
Acq: 01 Jun 2018 13:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

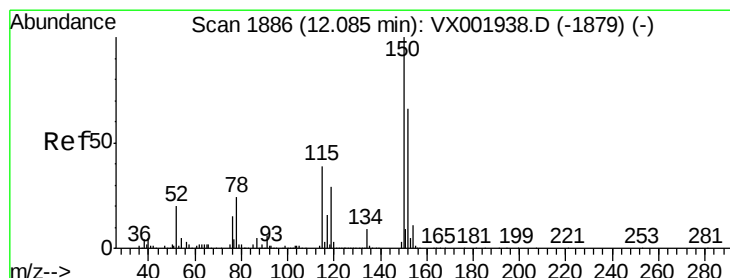
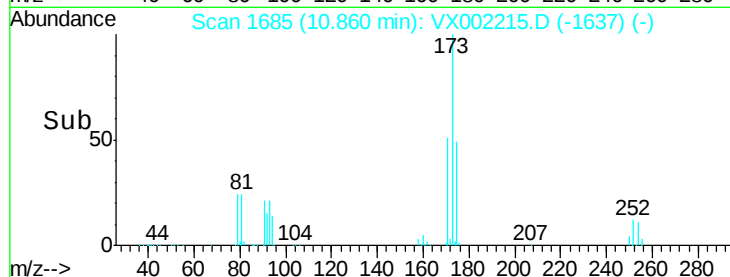
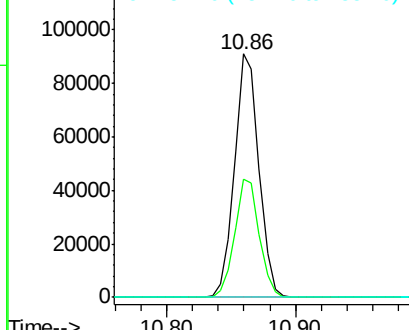
Tgt Ion	Ratio	Lower	Upper
173	100		
175	49.1	24.3	72.9
254	0.2	0.1	0.1#

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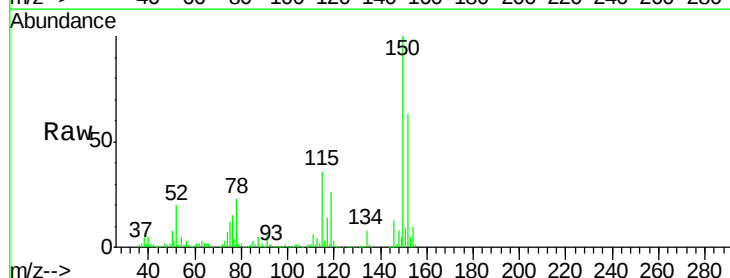


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

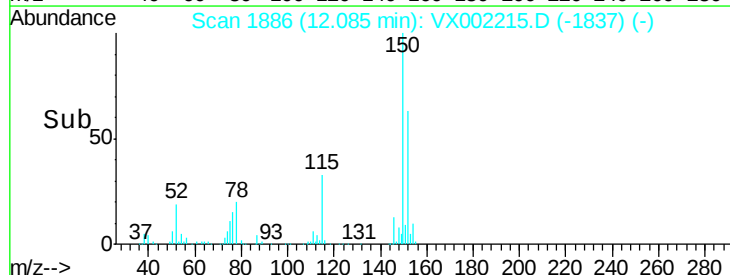
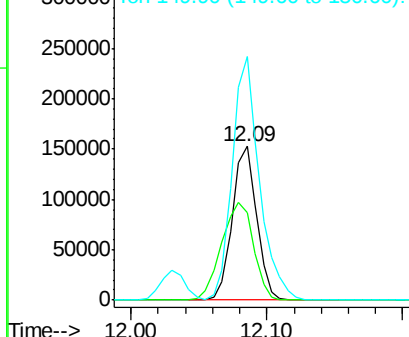


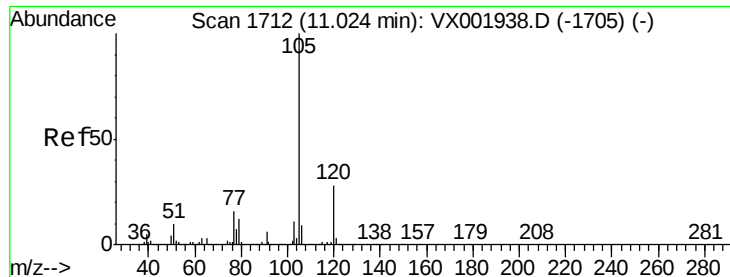
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.09 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX002215.D
Acq: 01 Jun 2018 13:59

Tgt Ion	Ratio	Lower	Upper
152	100		
115	83.5	42.3	126.8
150	176.4	0.0	351.0



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





#73

Isopropylbenzene

Concen: 46.119 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. 0.00 min

Lab File: VX002215.D

Acq: 01 Jun 2018 13:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 105 Resp: 739499

Ion Ratio Lower Upper

105 100

120 26.5

13.6

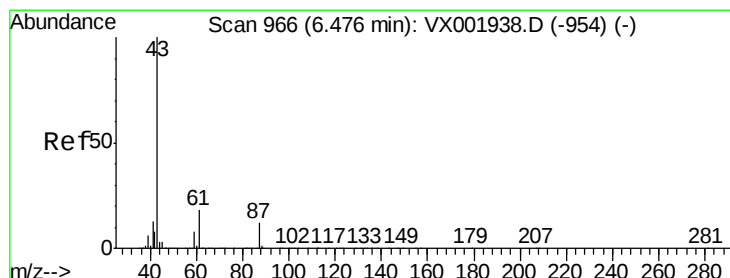
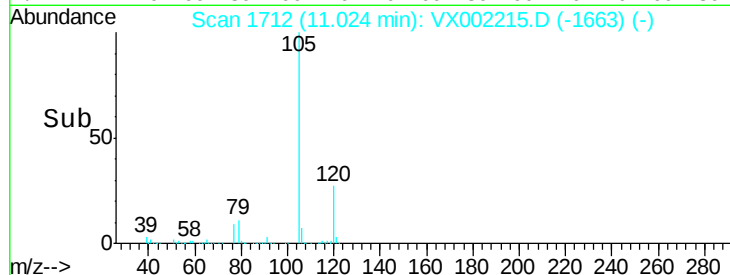
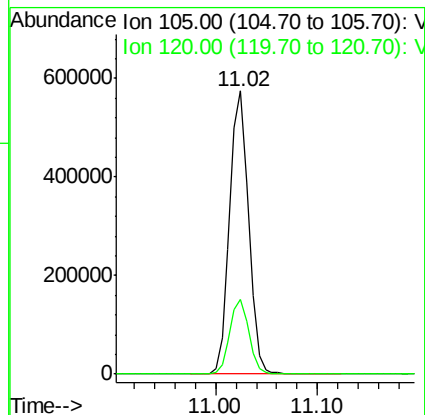
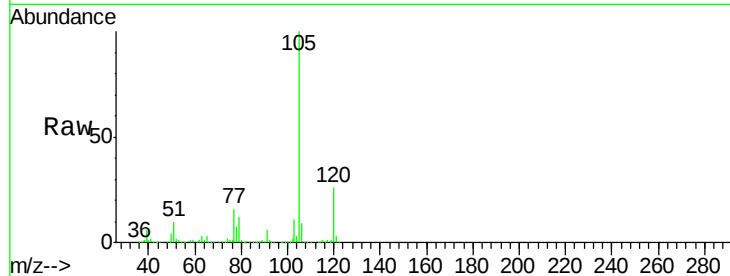
40.7

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6/4/2018 2:31:31 PM



#74

N-ethyl acetate

Concen: 45.276 ug/l

RT: 6.47 min Scan# 965

Delta R.T. -0.01 min

Lab File: VX002215.D

Acq: 01 Jun 2018 13:59

Tgt Ion: 43 Resp: 379093

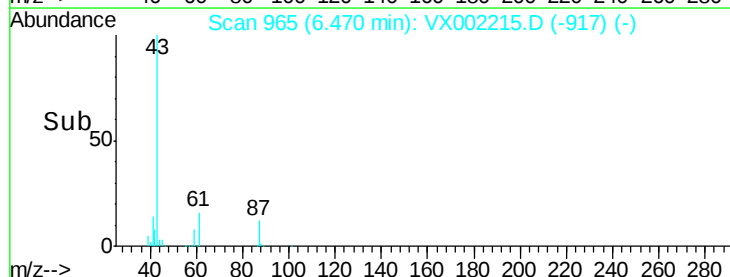
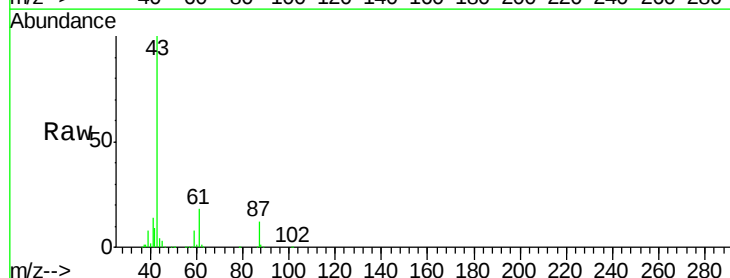
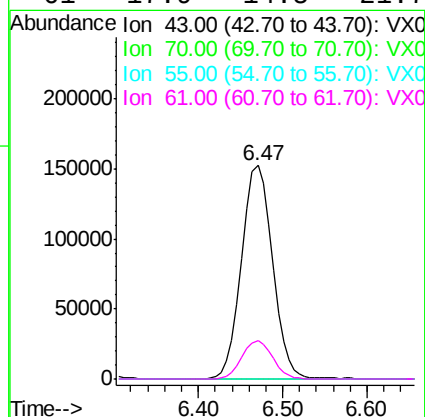
Ion Ratio Lower Upper

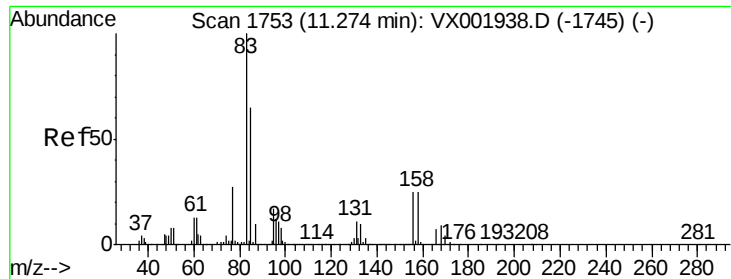
43 100

70 0.0 0.1 0.1#

55 0.1 0.1 0.1#

61 17.9 14.5 21.7





#75

1,1,2,2-Tetrachloroethane

Concen: 50.206 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. 0.00 min

Lab File: VX002215.D

Acq: 01 Jun 2018 13:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 83 Resp: 220157
Ion Ratio Lower Upper

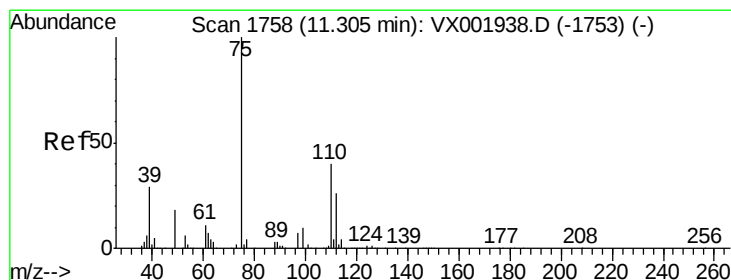
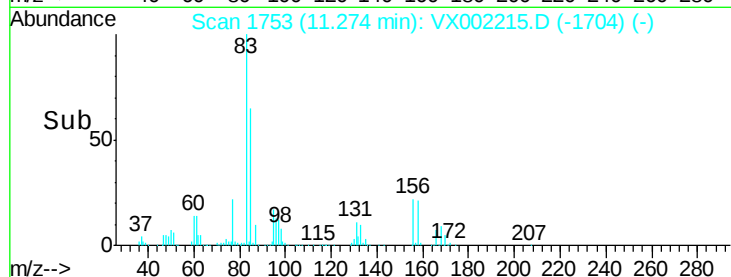
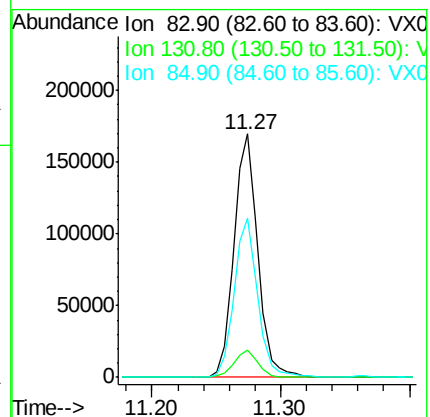
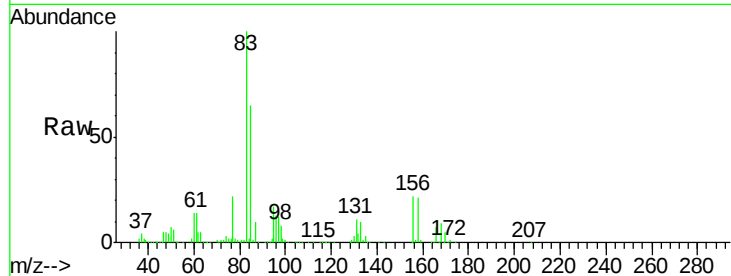
83 100

131 11.1 5.7 17.0

85 64.5 32.6 97.7

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6/4/2018 2:31:31 PM



#76

1,2,3-Trichloropropane

Concen: 51.026 ug/l m

RT: 11.30 min Scan# 1757

Delta R.T. -0.01 min

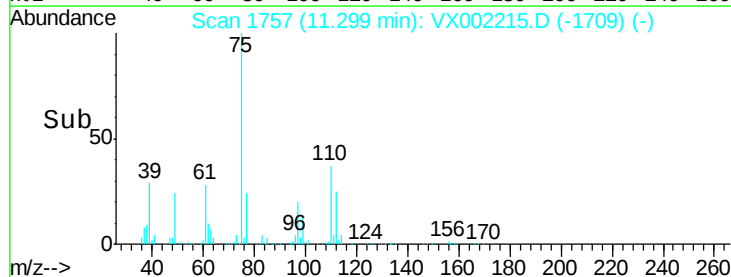
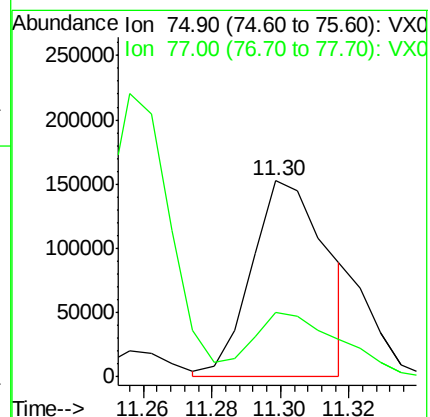
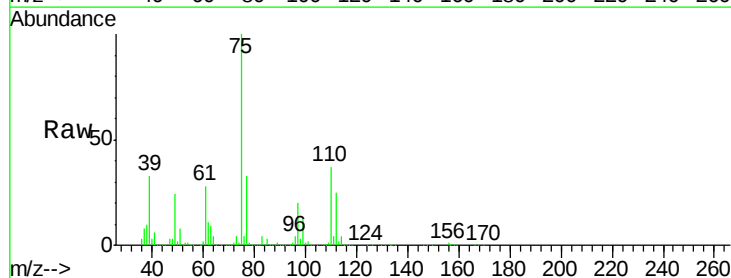
Lab File: VX002215.D

Acq: 01 Jun 2018 13:59

Tgt Ion: 75 Resp: 232076
Ion Ratio Lower Upper

75 100

77 38.6 22.8 68.3





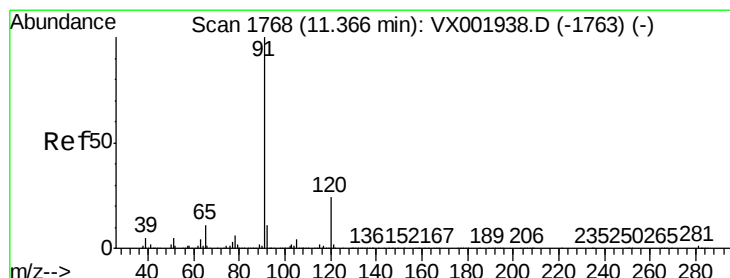
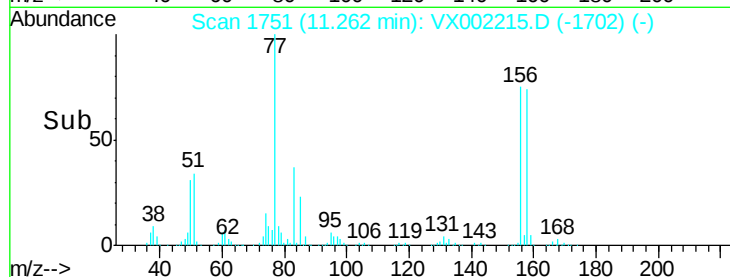
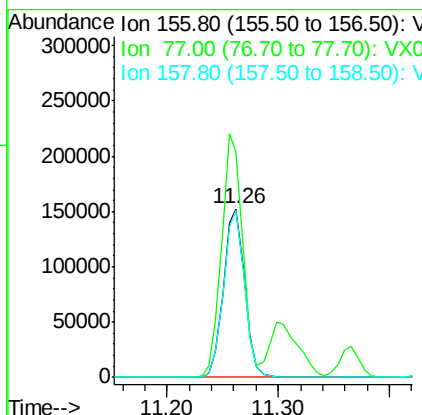
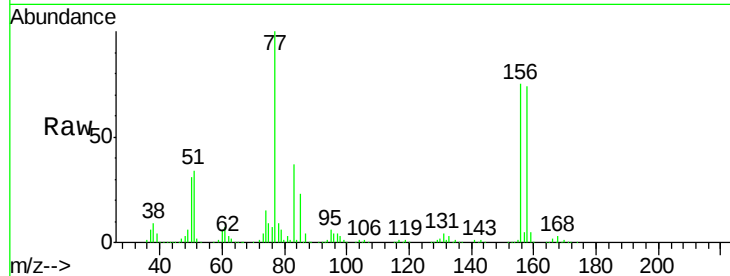
#77
Bromobenzene
Concen: 47.030 ug/l
RT: 11.26 min Scan# 1751
Delta R.T. 0.00 min
Lab File: VX002215.D
Acq: 01 Jun 2018 13:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
156	100		
77	143.6	75.2	225.6
158	97.9	48.6	145.8

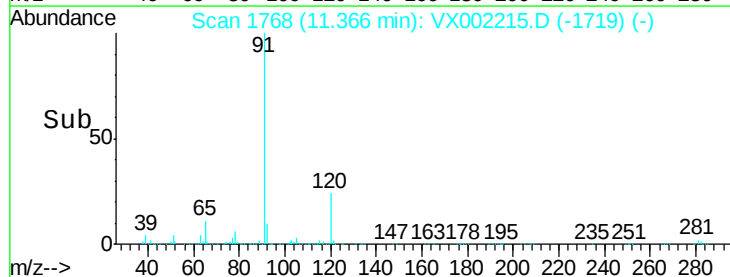
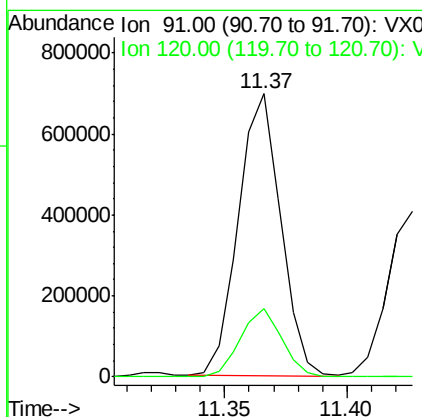
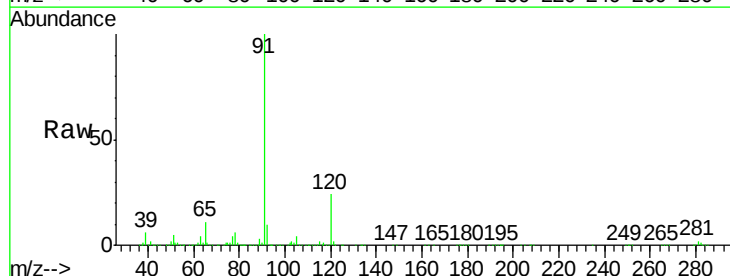
Manual Integrations
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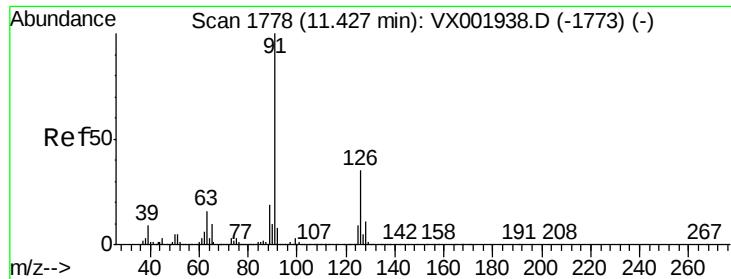
MMDadoda
6/4/2018 2:31:31 PM



#78
n-propylbenzene
Concen: 46.930 ug/l
RT: 11.37 min Scan# 1768
Delta R.T. 0.00 min
Lab File: VX002215.D
Acq: 01 Jun 2018 13:59

Tgt Ion	Ratio	Lower	Upper
91	100		
120	23.8	11.9	35.7





#79

2-Chlorotoluene

Concen: 51.218 ug/l

RT: 11.43 min Scan# 1778

Delta R.T. 0.00 min

Lab File: VX002215.D

Acq: 01 Jun 2018 13:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 91 Resp: 504037

Ion Ratio Lower Upper

91 100

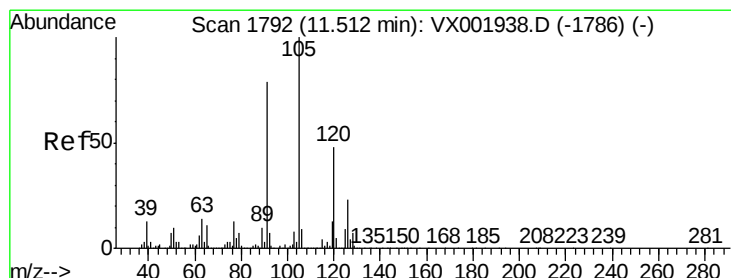
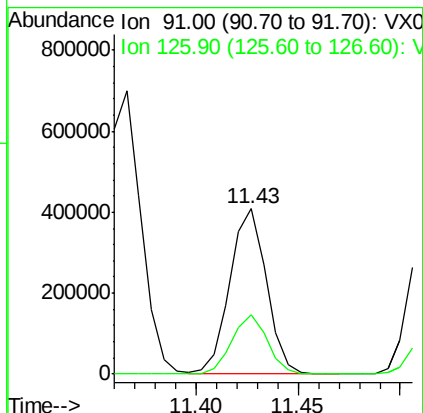
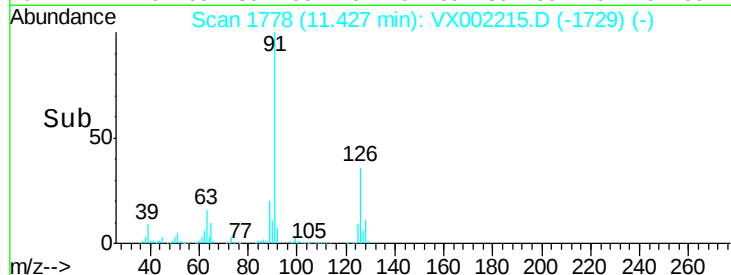
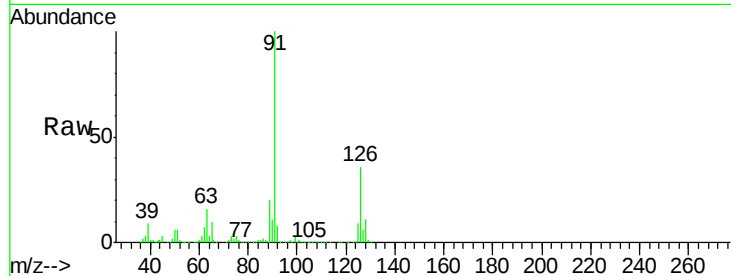
126 35.5 17.4 52.2

Manual Integrations

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6/4/2018 2:31:31 PM



#80

1,3,5-Trimethylbenzene

Concen: 46.606 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX002215.D

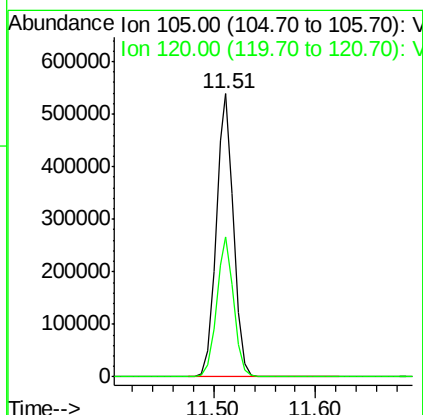
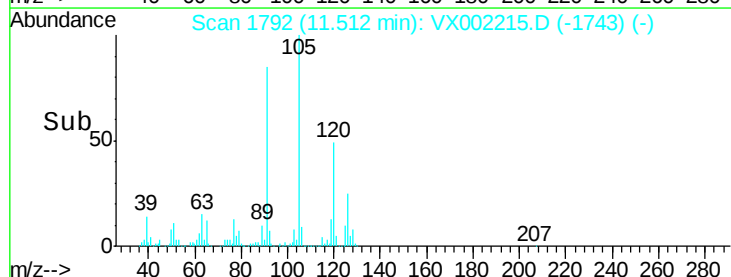
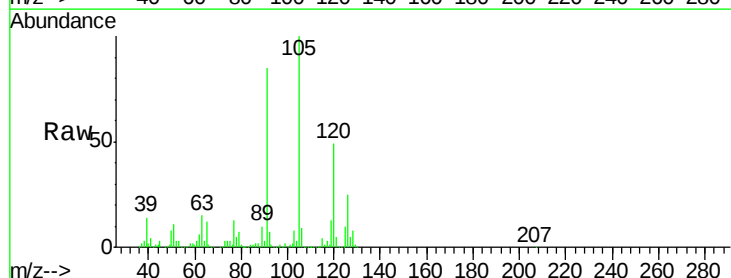
Acq: 01 Jun 2018 13:59

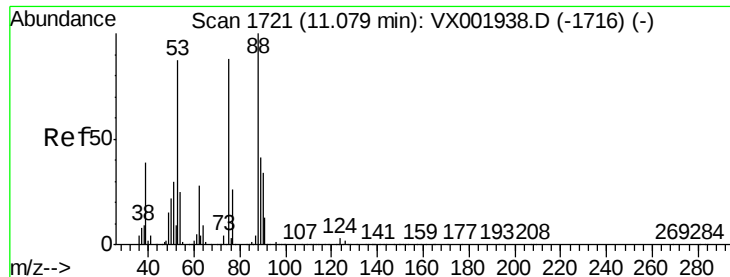
Tgt Ion: 105 Resp: 638656

Ion Ratio Lower Upper

105 100

120 48.9 24.1 72.4





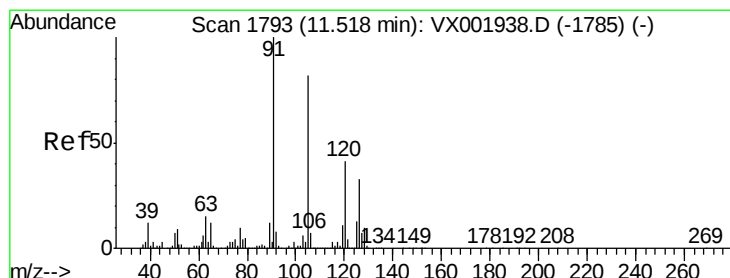
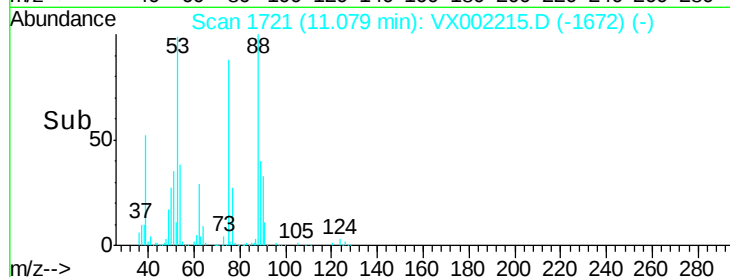
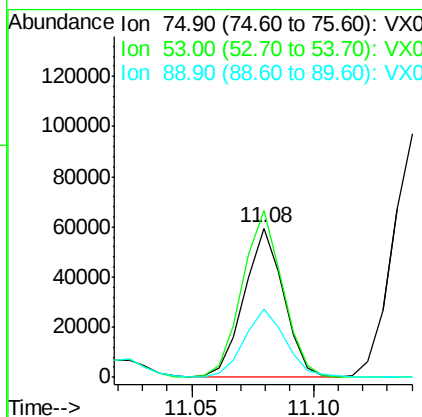
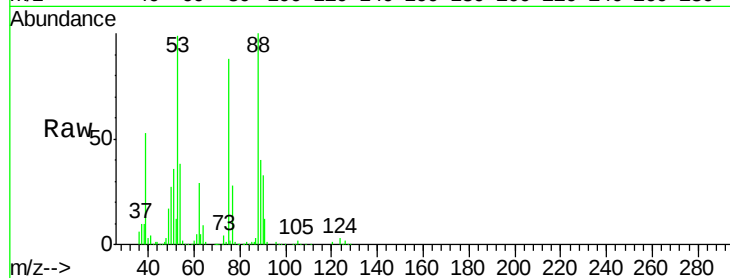
#81
trans-1,4-Dichloro-2-butene
Concen: 35.255 ug/l
RT: 11.08 min Scan# 1721
Delta R.T. 0.00 min
Lab File: VX002215.D
Acq: 01 Jun 2018 13:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
75	100		
53	114.5	78.0	117.0
89	48.4	39.4	59.2

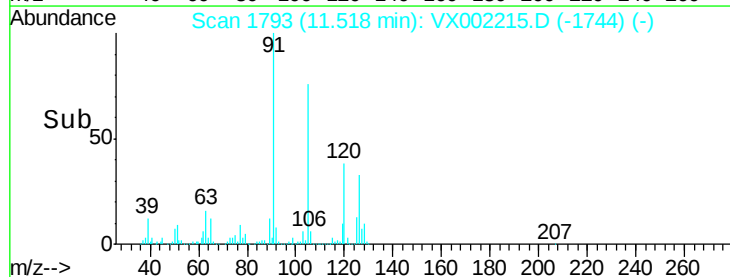
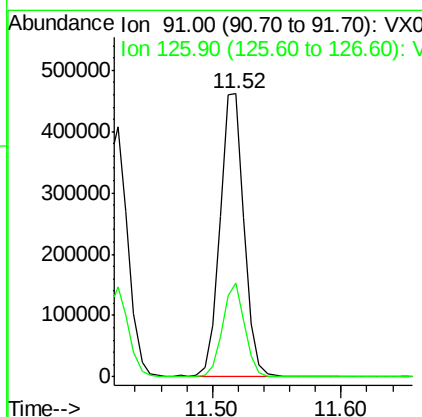
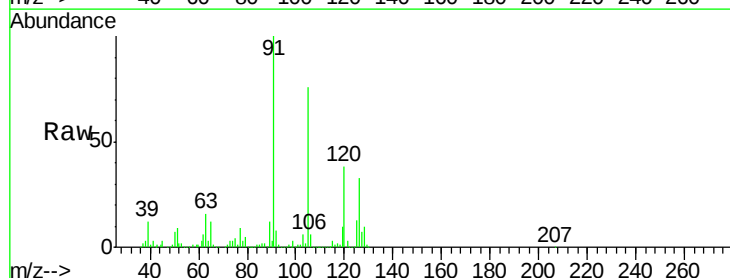
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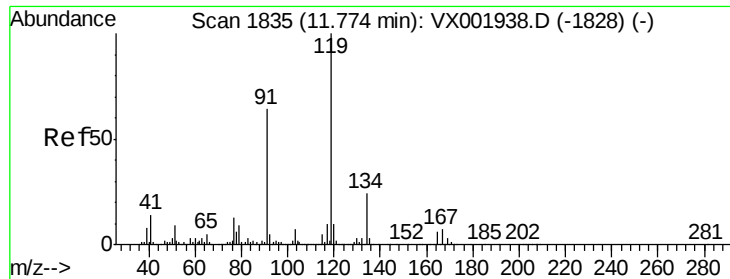
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#82
4-Chlorotoluene
Concen: 47.924 ug/l
RT: 11.52 min Scan# 1793
Delta R.T. 0.00 min
Lab File: VX002215.D
Acq: 01 Jun 2018 13:59

Tgt Ion	Ratio	Lower	Upper
91	100		
126	30.8	15.3	45.8





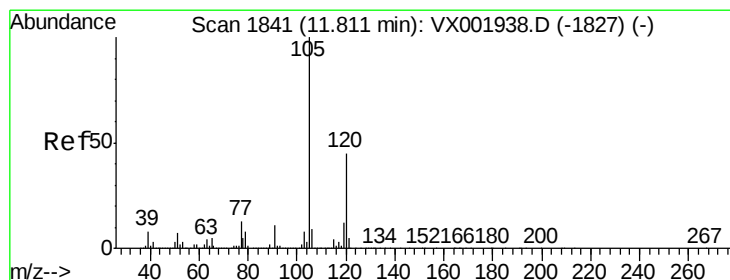
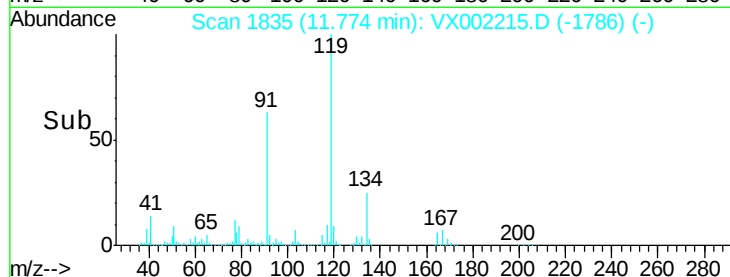
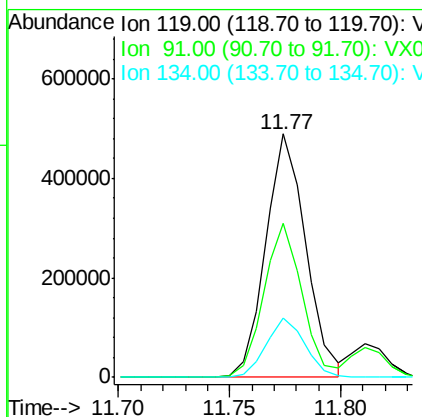
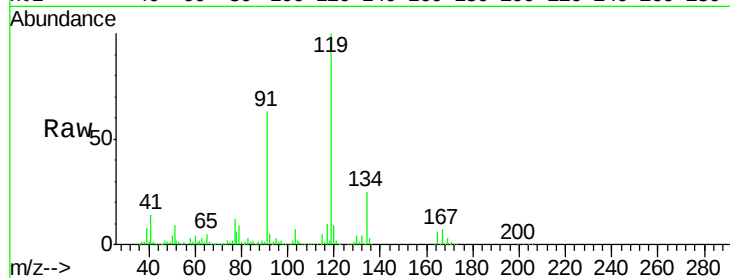
#83
 tert-Butylbenzene
 Concen: 45.406 ug/l
 RT: 11.77 min Scan# 1835
 Delta R.T. 0.00 min
 Lab File: VX002215.D
 Acq: 01 Jun 2018 13:59

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion	Ratio	Resp	Lower	Upper
119	100	610575		
91	60.8	30.6	91.8	
134	23.7	11.7	35.0	

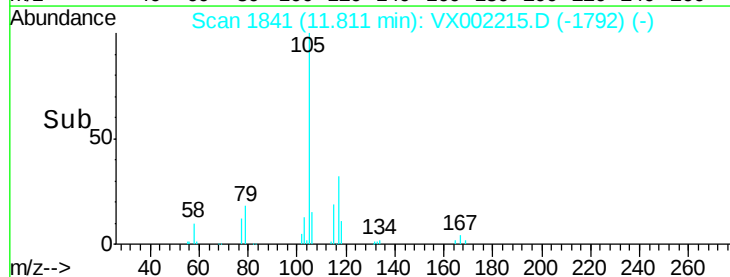
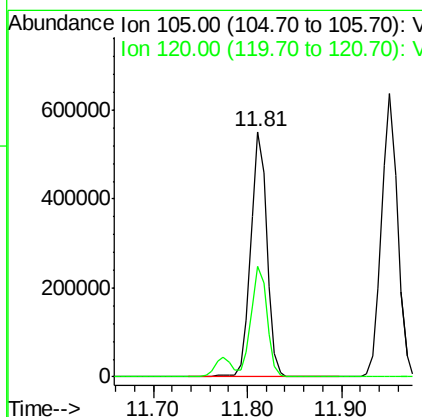
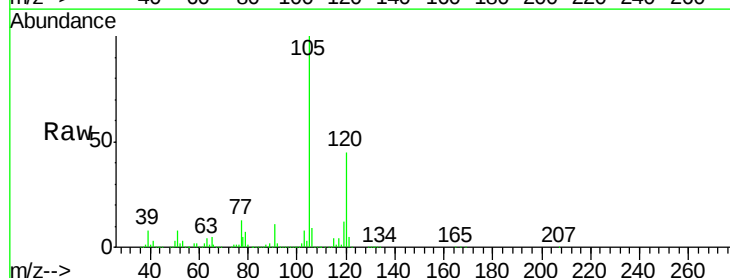
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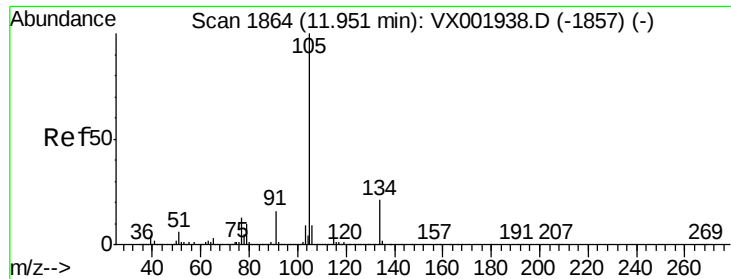
MMDadoda
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#84
 1,2,4-Trimethylbenzene
 Concen: 46.771 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. 0.00 min
 Lab File: VX002215.D
 Acq: 01 Jun 2018 13:59

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	662312		
120	45.2	22.1	66.5	





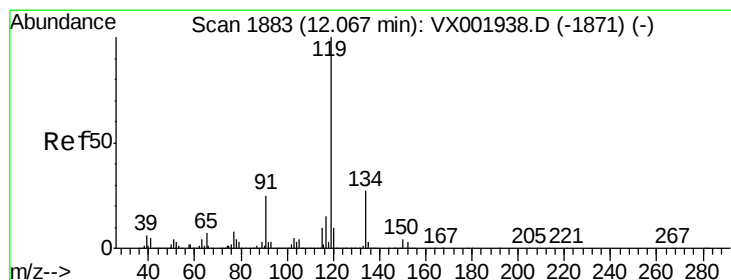
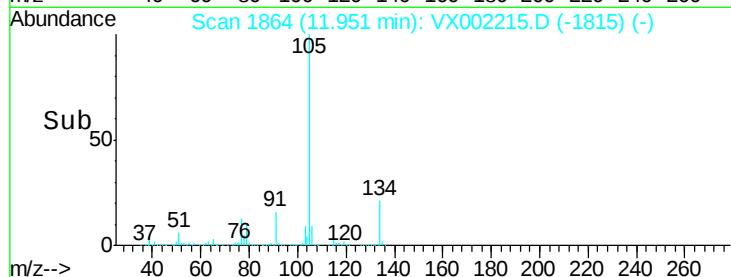
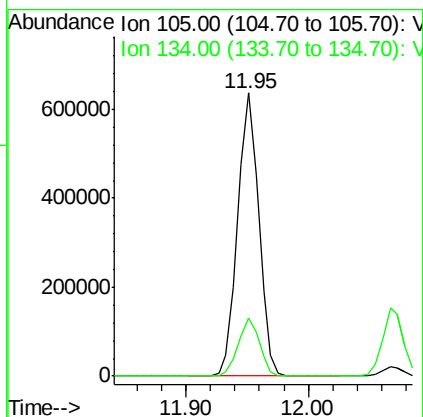
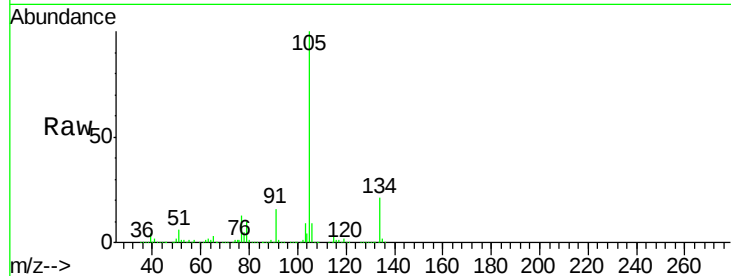
#85
 sec-Butylbenzene
 Concen: 46.826 ug/l
 RT: 11.95 min Scan# 1864
 Delta R.T. 0.00 min
 Lab File: VX002215.D
 Acq: 01 Jun 2018 13:59

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion:105 Resp: 756920
 Ion Ratio Lower Upper
 105 100
 134 20.7 10.4 31.4

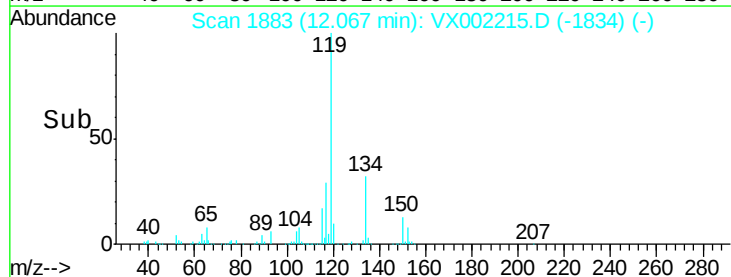
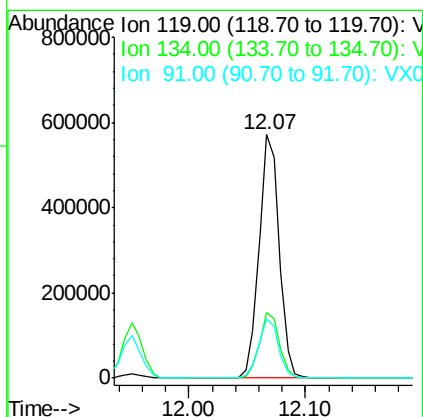
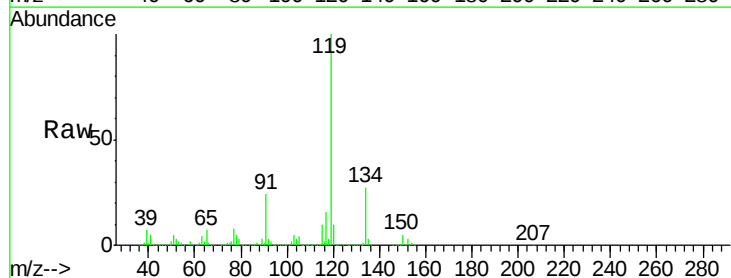
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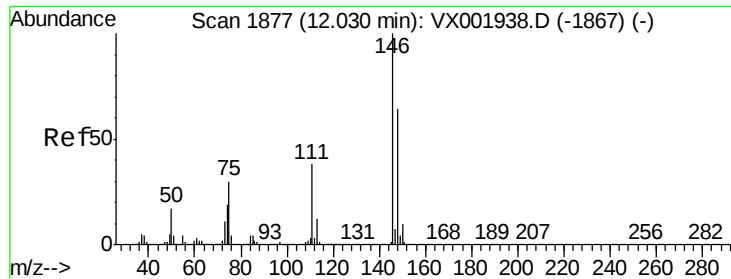
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#86
 p-Isopropyltoluene
 Concen: 47.661 ug/l
 RT: 12.07 min Scan# 1883
 Delta R.T. 0.00 min
 Lab File: VX002215.D
 Acq: 01 Jun 2018 13:59

Tgt Ion:119 Resp: 689390
 Ion Ratio Lower Upper
 119 100
 134 26.8 13.6 40.8
 91 24.2 12.2 36.4





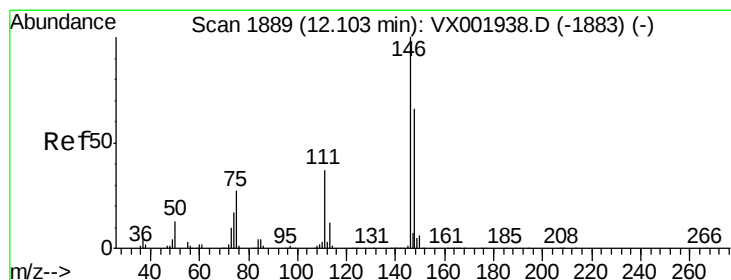
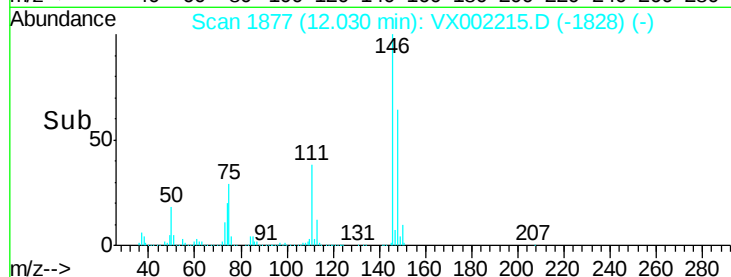
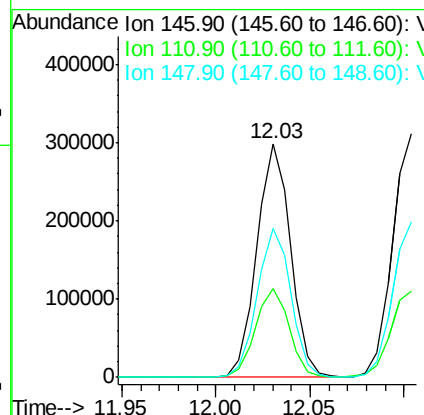
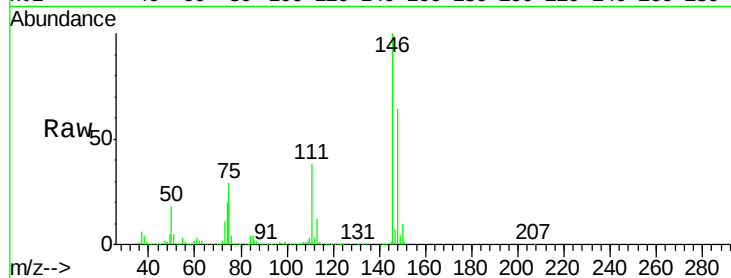
#87
 1,3-Dichlorobenzene
 Concen: 48.472 ug/l
 RT: 12.03 min Scan# 1877
 Delta R.T. 0.00 min
 Lab File: VX002215.D
 Acq: 01 Jun 2018 13:59

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.1	19.3	57.8
148	64.0	32.1	96.3

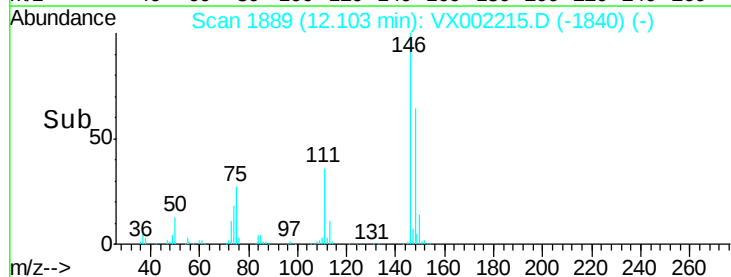
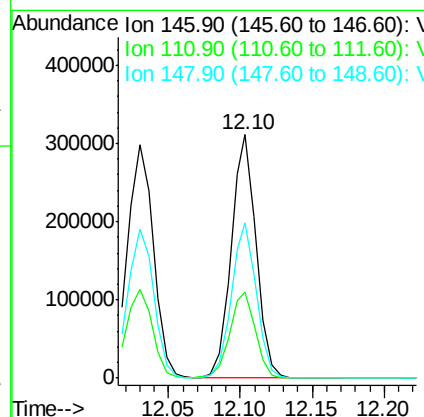
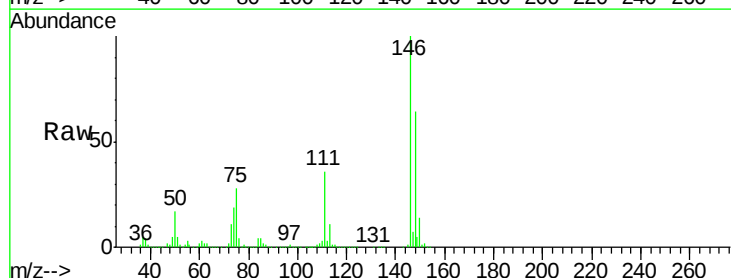
Manual Integrations
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#88
 1,4-Dichlorobenzene
 Concen: 49.641 ug/l
 RT: 12.10 min Scan# 1889
 Delta R.T. 0.00 min
 Lab File: VX002215.D
 Acq: 01 Jun 2018 13:59

Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.6	18.9	56.5
148	64.0	32.3	96.8





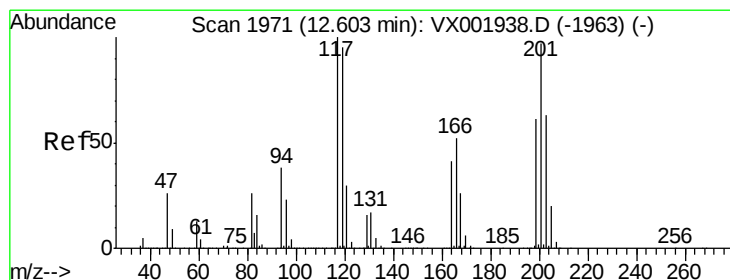
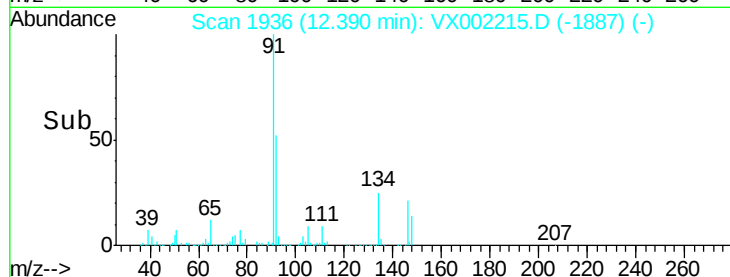
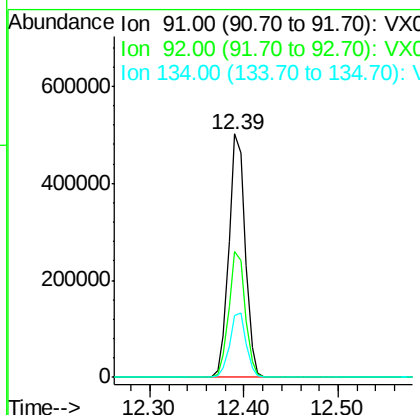
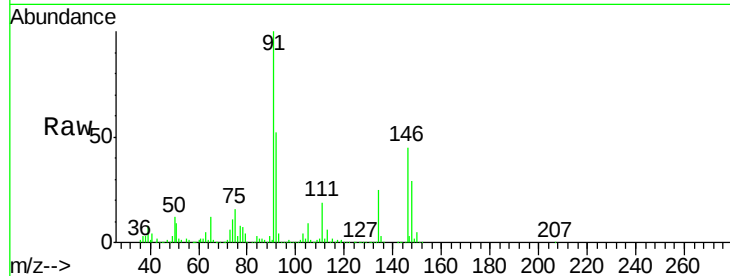
#89
n-Butylbenzene
Concen: 49.289 ug/l
RT: 12.39 min Scan# 1936
Delta R.T. 0.00 min
Lab File: VX002215.D
Acq: 01 Jun 2018 13:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
91	100		
92	51.9	26.3	78.9
134	26.7	13.6	40.7

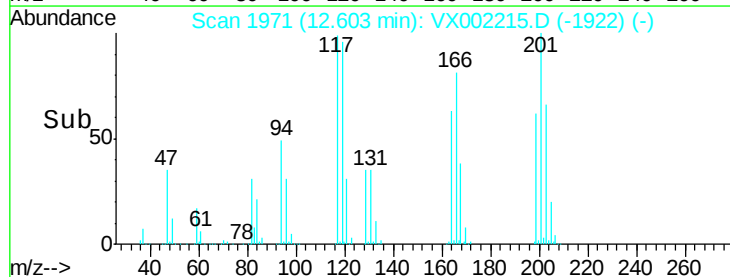
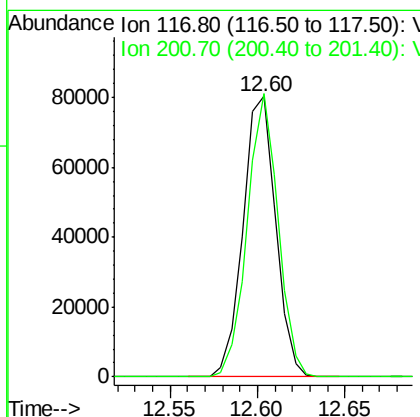
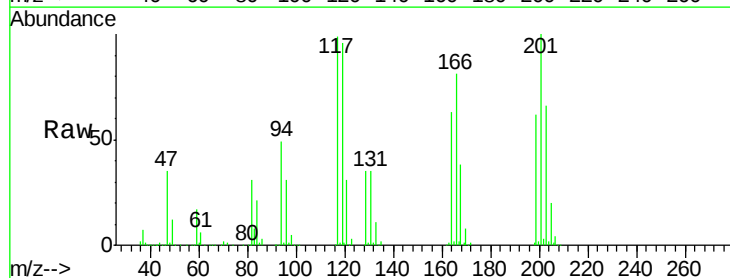
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6/4/2018 2:31:31 PM



#90
Hexachloroethane
Concen: 36.507 ug/l
RT: 12.60 min Scan# 1971
Delta R.T. 0.00 min
Lab File: VX002215.D
Acq: 01 Jun 2018 13:59

Tgt Ion	Ratio	Lower	Upper
117	100		
201	95.0	48.0	144.0





#91

1,2-Dichlorobenzene

Concen: 48.909 ug/l

RT: 12.40 min Scan# 1937

Delta R.T. 0.00 min

Lab File: VX002215.D

Acq: 01 Jun 2018 13:59

Instrument :

MSVOA_X

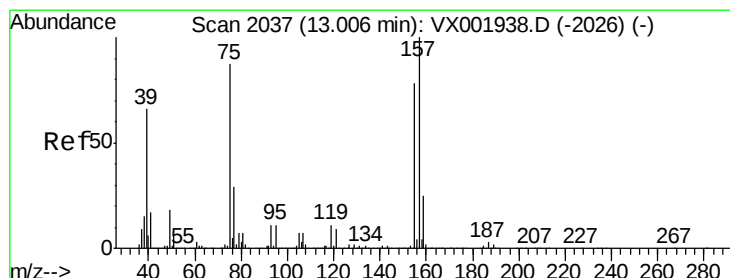
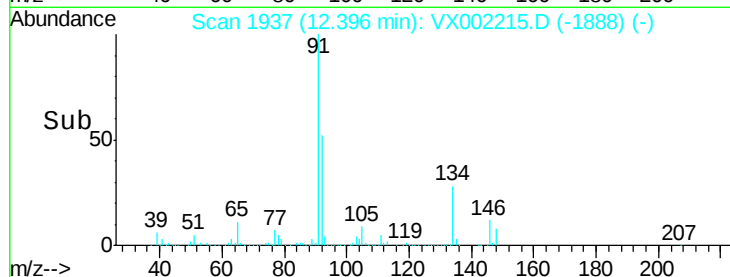
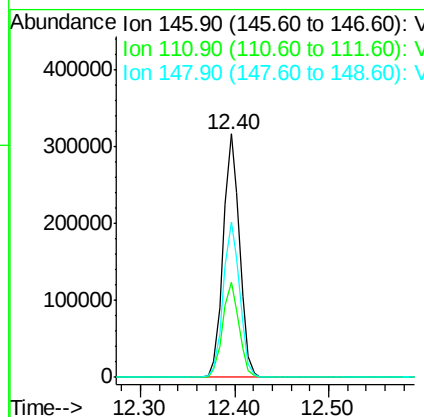
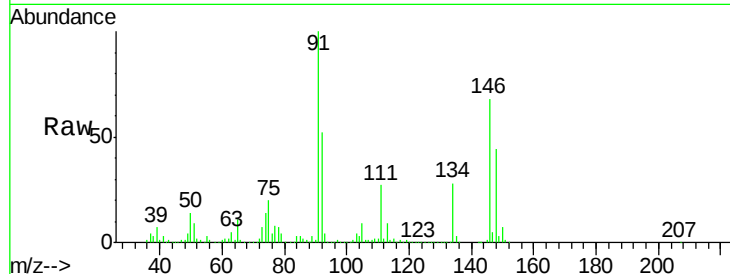
ClientSampleId :

VSTDCCC050

Tgt Ion:	146	Resp:	379665
Ion Ratio	Lower	Upper	
146	100		
111	39.2	19.8	59.3
148	64.3	32.1	96.5

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6/4/2018 2:31:31 PM



#92

1,2-Dibromo-3-Chloropropane

Concen: 35.725 ug/l

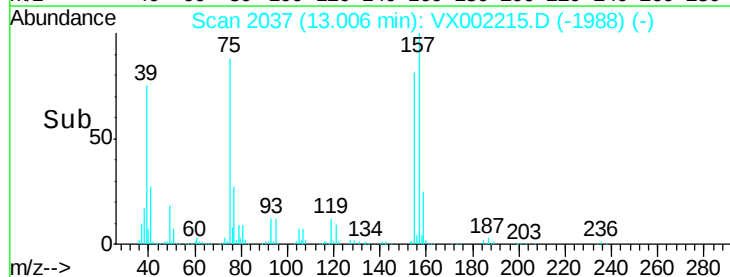
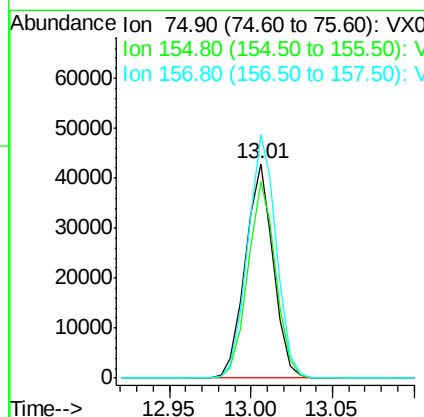
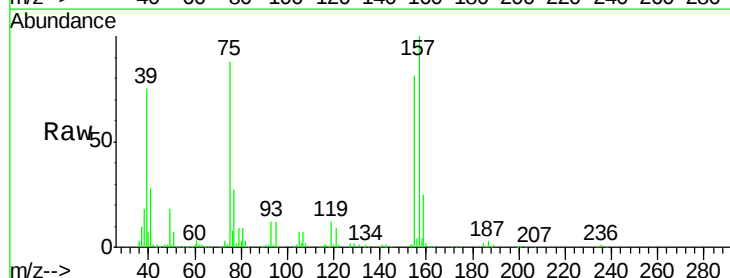
RT: 13.01 min Scan# 2037

Delta R.T. 0.00 min

Lab File: VX002215.D

Acq: 01 Jun 2018 13:59

Tgt Ion:	75	Resp:	50930
Ion Ratio	Lower	Upper	
75	100		
155	91.8	45.1	135.2
157	116.5	58.1	174.2





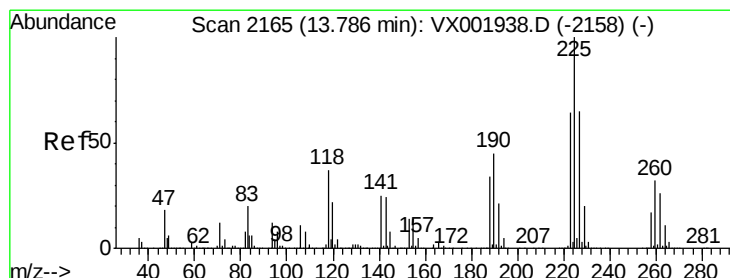
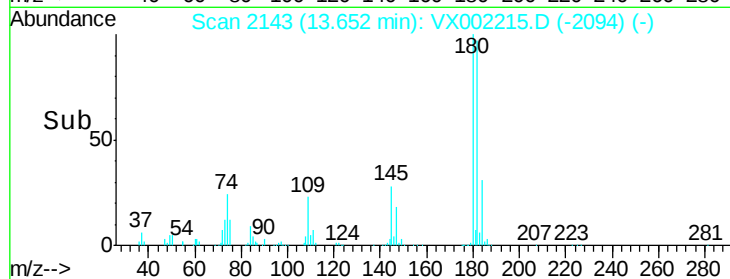
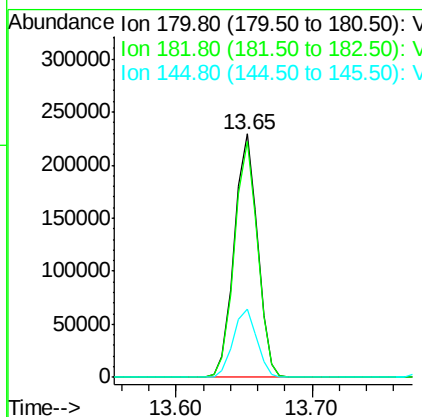
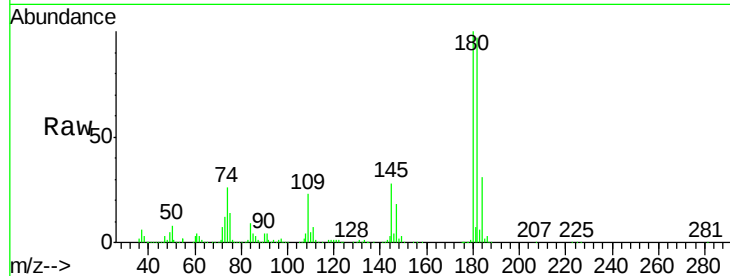
#93
 1,2,4-Trichlorobenzene
 Concen: 49.213 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. 0.00 min
 Lab File: VX002215.D
 Acq: 01 Jun 2018 13:59

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	273175		
182	96.4	47.7	143.1	
145	28.6	14.4	43.0	

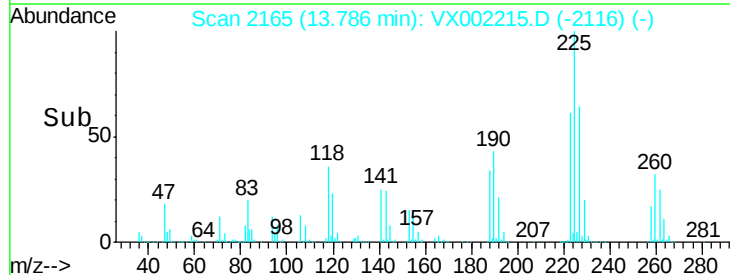
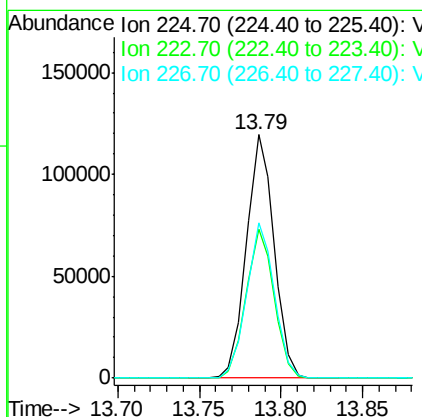
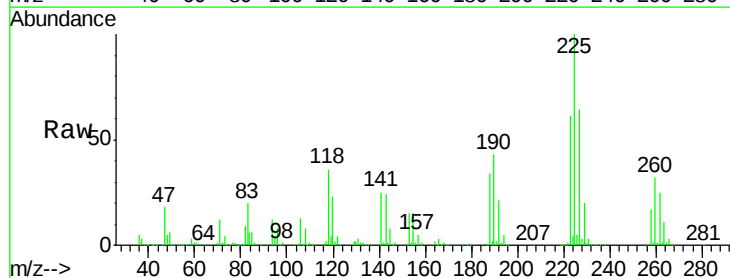
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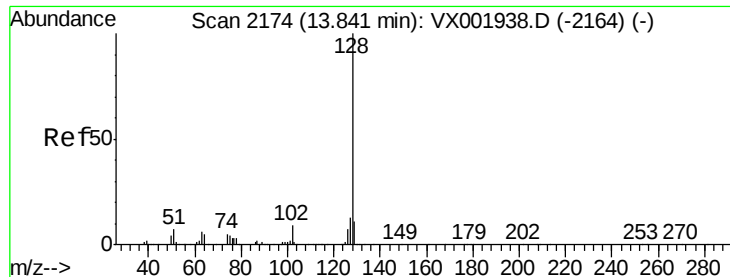
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#94
 Hexachlorobutadiene
 Concen: 47.455 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. 0.00 min
 Lab File: VX002215.D
 Acq: 01 Jun 2018 13:59

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	141701		
223	62.1	31.1	93.5	
227	63.7	32.1	96.5	





#95

Naphthalene

Concen: 45.986 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. 0.00 min

Lab File: VX002215.D

Acq: 01 Jun 2018 13:59

Instrument :

MSVOA_X

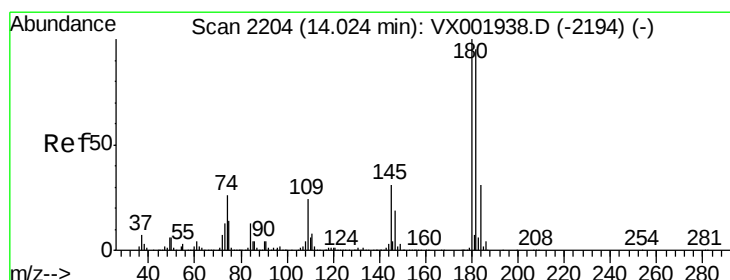
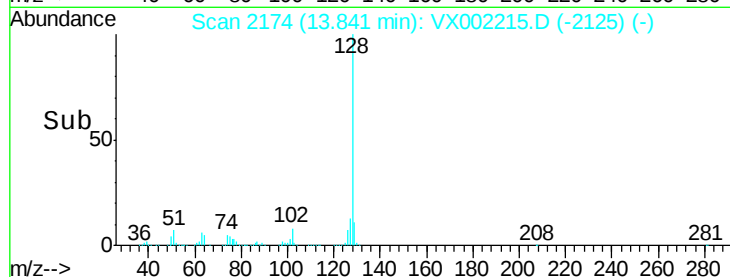
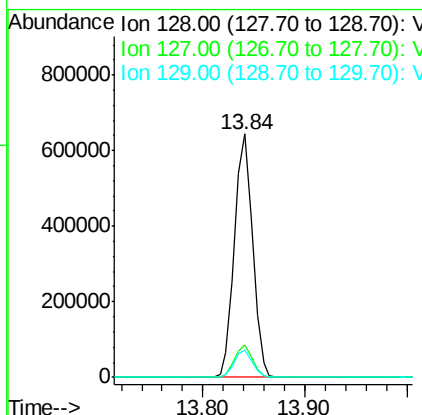
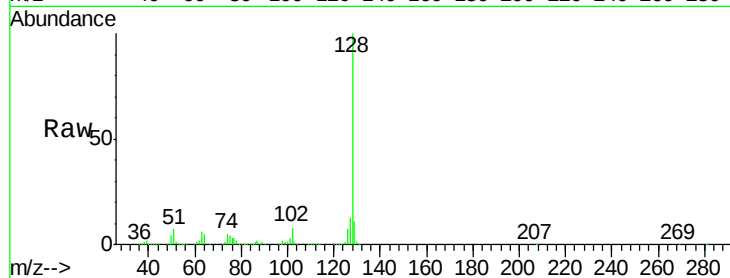
ClientSampleId :

VSTDCCC050

Tgt Ion:	128	Resp:	786441
Ion Ratio	Lower	Upper	
128	100		
127	13.1	10.4	15.6
129	11.1	8.8	13.2

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6/4/2018 2:31:31 PM



#96

1,2,3-Trichlorobenzene

Concen: 48.854 ug/l

RT: 14.02 min Scan# 2204

Delta R.T. 0.00 min

Lab File: VX002215.D

Acq: 01 Jun 2018 13:59

Tgt Ion:	180	Resp:	280602
Ion Ratio	Lower	Upper	
180	100		
182	95.3	47.9	143.6
145	29.9	15.1	45.3

