

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\WX072018\
 Data File : VX003543.D
 Acq On : 21 Jul 2018 07:06
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

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 7/23/2018 12:36:28 PM

Quant Time: Jul 23 00:51:06 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X071918W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 19 17:09:44 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	298966	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	401314	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	379408	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	231422	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	186003	52.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.12%	
35) Dibromofluoromethane	5.51	113	181034	59.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	118.46%	
50) Toluene-d8	8.72	98	605162	52.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.34%	
62) 4-Bromofluorobenzene	11.14	95	222288	53.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.04%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.20	85	120875	50.940	ug/l	98
3) Chloromethane	1.32	50	175442	59.866	ug/l	96
4) Vinyl Chloride	1.40	62	182547	48.065	ug/l	96
5) Bromomethane	1.64	94	75645	50.072	ug/l	98
6) Chloroethane	1.72	64	124671	55.474	ug/l	96
7) Trichlorofluoromethane	1.93	101	257761	50.871	ug/l	98
8) Diethyl Ether	2.19	74	117914	54.184	ug/l	89
9) 1,1,2-Trichlorotrifluoroet	2.39	101	157632	47.532	ug/l	98
10) Methyl Iodide	2.51	142	230457	57.847	ug/l	93
11) Tert butyl alcohol	3.07	59	201097	287.164	ug/l	99
12) 1,1-Dichloroethene	2.37	96	151690	49.677	ug/l	84
13) Acrolein	2.29	56	69187	218.665	ug/l	90
14) Allyl chloride	2.73	41	271983	50.316	ug/l	87
15) Acrylonitrile	3.15	53	487791	273.596	ug/l	98
16) Acetone	2.45	43	376494	281.648	ug/l #	85
17) Carbon Disulfide	2.57	76	438646	53.118	ug/l	99
18) Methyl Acetate	2.78	43	249865	59.292	ug/l	95
19) Methyl tert-butyl Ether	3.21	73	553291	55.489	ug/l	97
20) Methylene Chloride	2.86	84	184997	56.716	ug/l #	78
21) trans-1,2-Dichloroethene	3.17	96	174002	51.215	ug/l	87
22) Diisopropyl ether	3.88	45	597342	58.727	ug/l	91
23) Vinyl Acetate	3.83	43	2390462	285.313	ug/l	97
24) 1,1-Dichloroethane	3.69	63	337500	56.554	ug/l	99
25) 2-Butanone	4.71	43	646244	288.138	ug/l #	90
26) 2,2-Dichloropropane	4.59	77	139475	30.772	ug/l	91
27) cis-1,2-Dichloroethene	4.60	96	200393	52.973	ug/l	96
28) Bromochloromethane	5.03	49	148332	56.865	ug/l	88
29) Tetrahydrofuran	5.17	42	421462	284.466	ug/l	91
30) Chloroform	5.22	83	329510	56.544	ug/l	96
31) Cyclohexane	5.57	56	276411	51.839	ug/l	96
32) 1,1,1-Trichloroethane	5.50	97	277552	55.619	ug/l	97
36) 1,1-Dichloropropene	5.80	75	224358	51.781	ug/l	99
37) Ethyl Acetate	4.86	43	252421	61.565	ug/l	96
38) Carbon Tetrachloride	5.79	117	234149	55.093	ug/l	90

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	247945	48.315	ug/l	94
40) Benzene	6.14	78	674392	51.551	ug/l	98
41) Methacrylonitrile	5.06	41	145048	60.193	ug/l	92
42) 1,2-Dichloroethane	6.20	62	227050	55.085	ug/l	97
43) Isopropyl Acetate	6.46	43	356143	54.605	ug/l	94
44) Trichloroethene	7.21	130	203743	52.224	ug/l	86
45) 1,2-Dichloropropane	7.52	63	176081	53.008	ug/l	98
46) Dibromomethane	7.67	93	115420	53.971	ug/l	97
47) Bromodichloromethane	7.90	83	215605	55.071	ug/l	98
48) Methyl methacrylate	7.78	41	186636	56.744	ug/l	85
49) 1,4-Dioxane	7.76	88	79967	1073.041	ug/l	96
51) 4-Methyl-2-Pentanone	8.65	43	1179150	286.175	ug/l	92
52) Toluene	8.79	92	455036	55.259	ug/l	95
53) t-1,3-Dichloropropene	8.44	75	247993	51.464	ug/l	99
54) cis-1,3-Dichloropropene	9.04	75	221296	51.067	ug/l #	90
55) 1,1,2-Trichloroethane	9.22	97	193450	59.038	ug/l	91
56) Ethyl methacrylate	9.18	69	285325	61.822	ug/l #	82
57) 1,3-Dichloropropane	9.38	76	298236	56.307	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.32	63	600974	267.794	ug/l	98
59) 2-Hexanone	9.50	43	878450	287.746	ug/l	88
60) Dibromochloromethane	9.59	129	180573	55.675	ug/l	99
61) 1,2-Dibromoethane	9.68	107	183524	54.029	ug/l	99
64) Tetrachloroethene	9.34	164	242540	52.468	ug/l	98
65) Chlorobenzene	10.14	112	483008	49.410	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	175909	52.301	ug/l	99
67) Ethyl Benzene	10.26	91	804730	51.199	ug/l	100
68) m/p-Xylenes	10.36	106	631719	102.519	ug/l	97
69) o-Xylene	10.70	106	308186	51.721	ug/l	96
70) Styrene	10.71	104	520828	53.139	ug/l	97
71) Bromoform	10.86	173	142094	54.375	ug/l	99
73) Isopropylbenzene	11.02	105	822362	51.381	ug/l	100
74) N-amyl acetate	6.46	43	356143	52.405	ug/l #	93
75) 1,1,2,2-Tetrachloroethane	11.27	83	247779	52.830	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	248083m	59.672	ug/l	
77) Bromobenzene	11.26	156	228044	49.539	ug/l	97
78) n-propylbenzene	11.36	91	921225	51.780	ug/l	99
79) 2-Chlorotoluene	11.42	91	546486	50.599	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	687978	52.304	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.08	75	60294	41.607	ug/l	89
82) 4-Chlorotoluene	11.51	91	642983	50.807	ug/l	98
83) tert-Butylbenzene	11.77	119	653435	50.727	ug/l	95
84) 1,2,4-Trimethylbenzene	11.81	105	706921	52.817	ug/l	98
85) sec-Butylbenzene	11.95	105	793063	50.688	ug/l	100
86) p-Isopropyltoluene	12.07	119	721593	51.390	ug/l	98
87) 1,3-Dichlorobenzene	12.03	146	406220	48.006	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	413809	47.473	ug/l	99
89) n-Butylbenzene	12.39	91	594205	49.836	ug/l	99
90) Hexachloroethane	12.60	117	98067	49.130	ug/l	96
91) 1,2-Dichlorobenzene	12.40	146	414303	49.677	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	47483	52.022	ug/l	88

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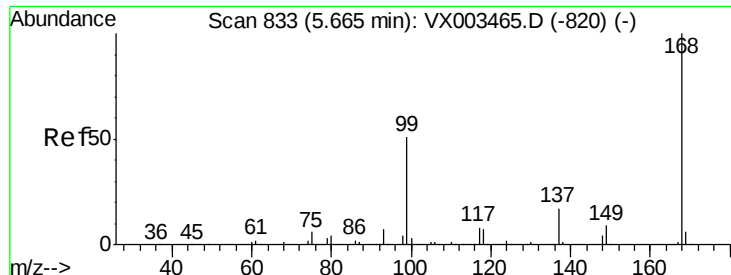
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	295140	48.287	ug/l	100
94) Hexachlorobutadiene	13.79	225	132865	45.200	ug/l	99
95) Naphthalene	13.83	128	856929	53.355	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	302447	49.986	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 832

Delta R.T. -0.01 min

Lab File: VX003543.D

Acq: 21 Jul 2018 07:06

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion:168 Resp: 298966

Ion Ratio Lower Upper

168 100

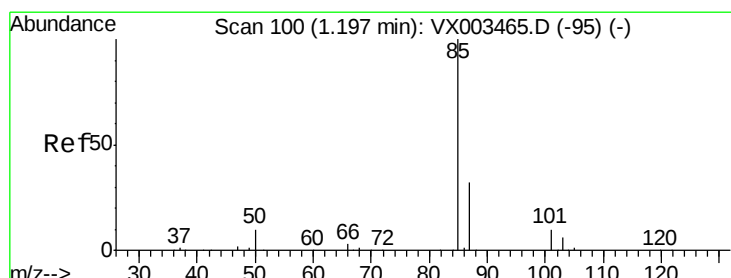
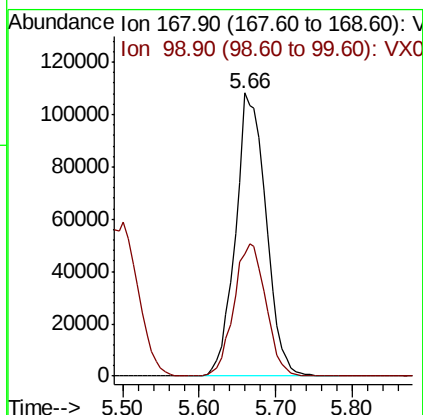
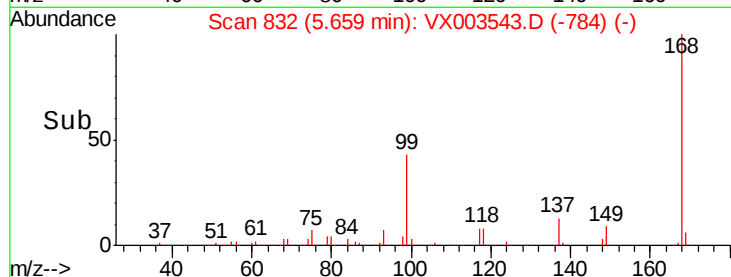
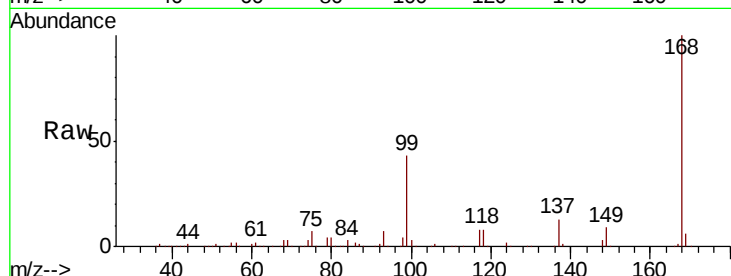
99 42.9 39.3 58.9

Manual Integrations

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7/23/2018 12:36:28 PM



#2

Dichlorodifluoromethane

Concen: 50.940 ug/l

RT: 1.20 min Scan# 100

Delta R.T. 0.00 min

Lab File: VX003543.D

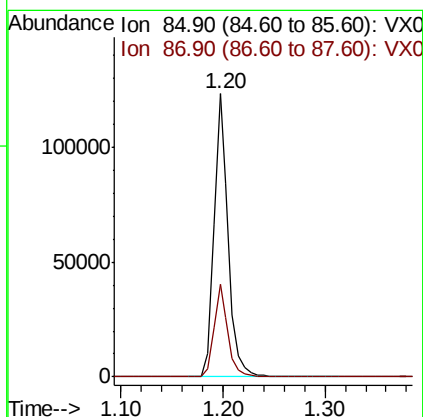
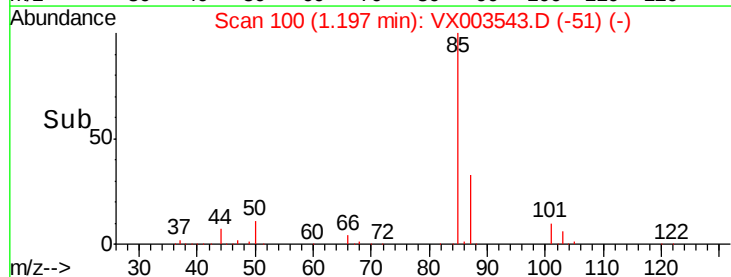
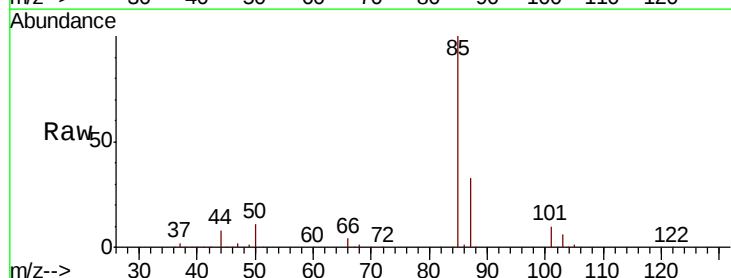
Acq: 21 Jul 2018 07:06

Tgt Ion: 85 Resp: 120875

Ion Ratio Lower Upper

85 100

87 32.8 16.0 47.9





#3

Chloromethane

Concen: 59.866 ug/l

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX003543.D

Acq: 21 Jul 2018 07:06

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 50 Resp: 175442

Ion Ratio Lower Upper

50 100

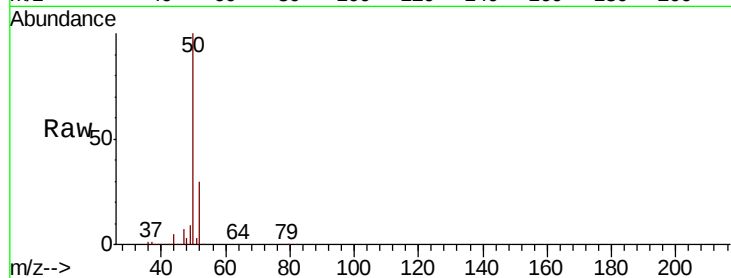
52 30.1 25.7 38.5

Manual Integrations

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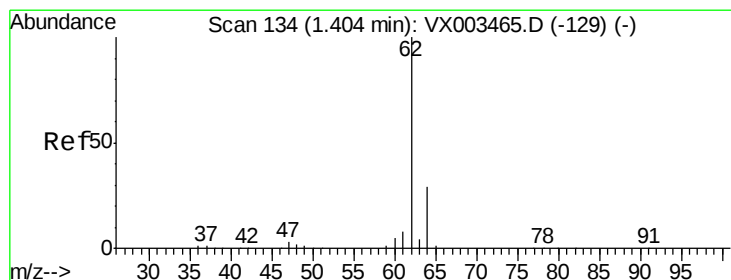
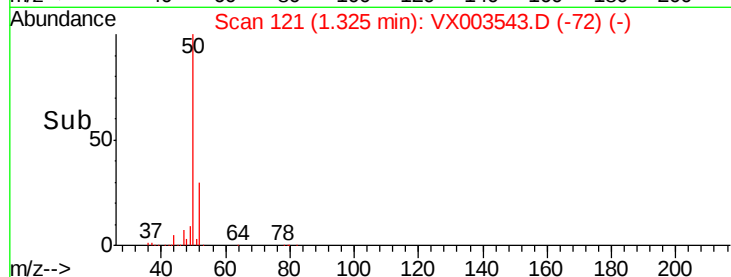
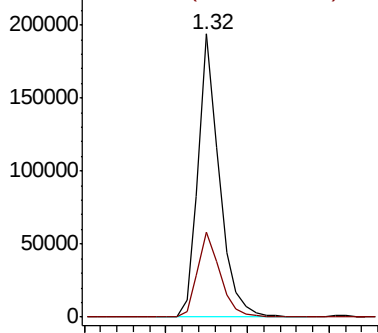
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Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 48.065 ug/l

RT: 1.40 min Scan# 134

Delta R.T. 0.00 min

Lab File: VX003543.D

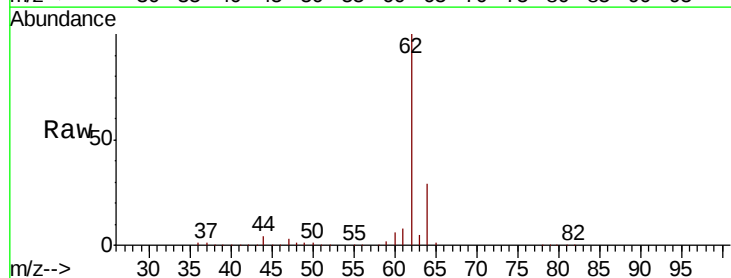
Acq: 21 Jul 2018 07:06

Tgt Ion: 62 Resp: 182547

Ion Ratio Lower Upper

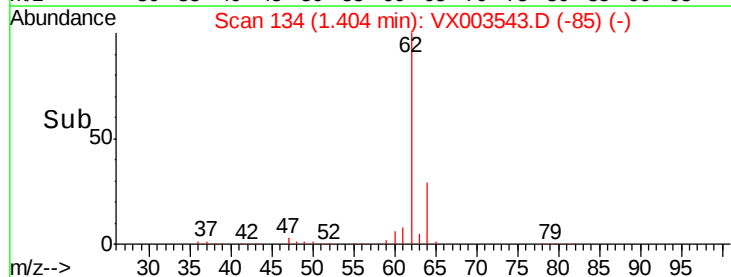
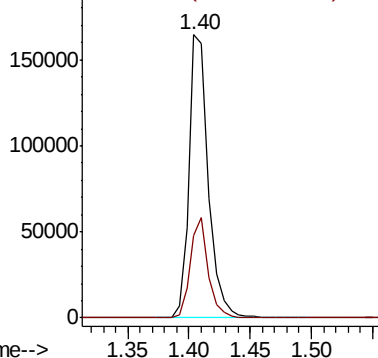
62 100

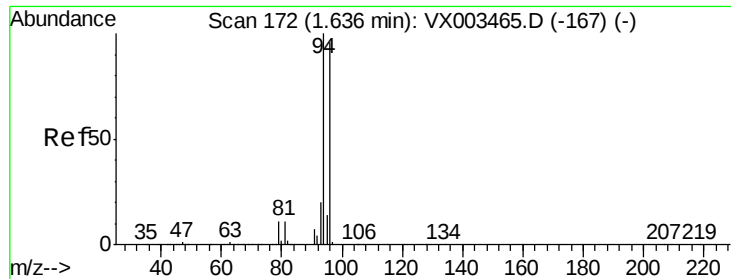
64 29.3 25.4 38.2



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 50.072 ug/l

RT: 1.64 min Scan# 172

Delta R.T. 0.00 min

Lab File: VX003543.D

Acq: 21 Jul 2018 07:06

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 94 Resp: 75645

Ion Ratio Lower Upper

94 100

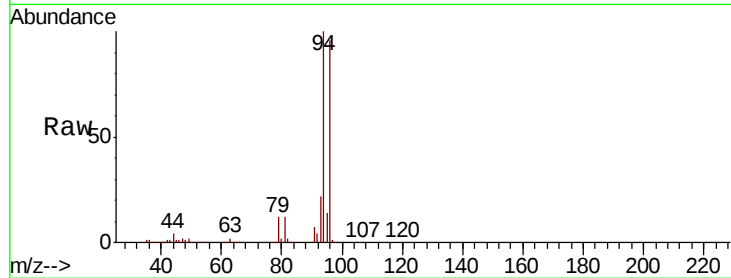
96 95.6 74.9 112.3

Manual Integrations

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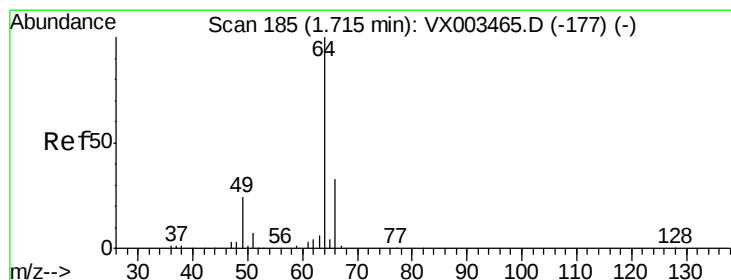
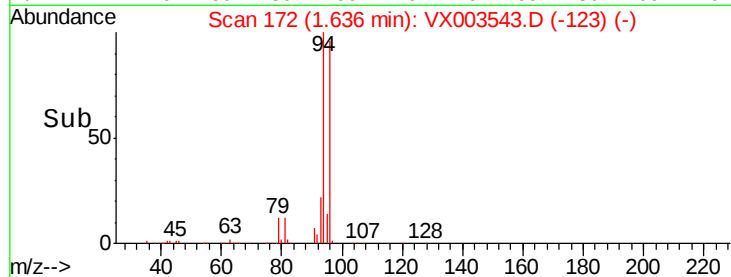
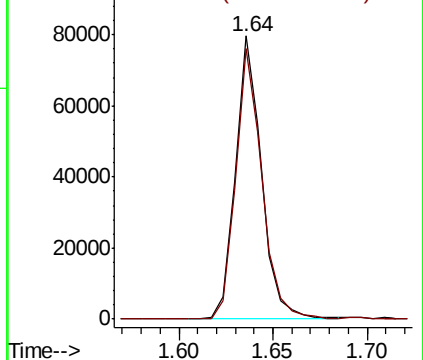
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Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 55.474 ug/l

RT: 1.72 min Scan# 186

Delta R.T. 0.01 min

Lab File: VX003543.D

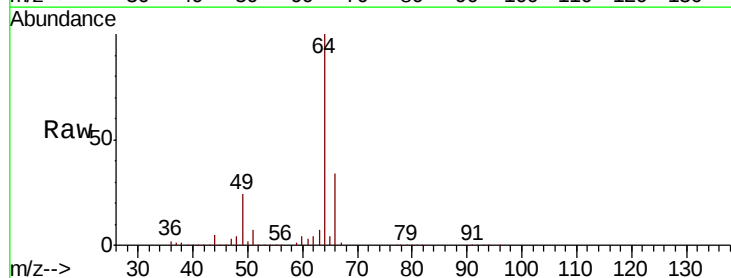
Acq: 21 Jul 2018 07:06

Tgt Ion: 64 Resp: 124671

Ion Ratio Lower Upper

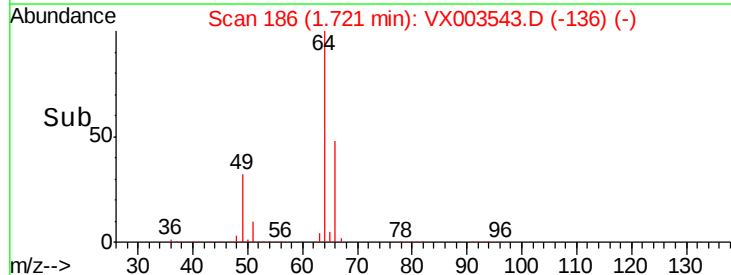
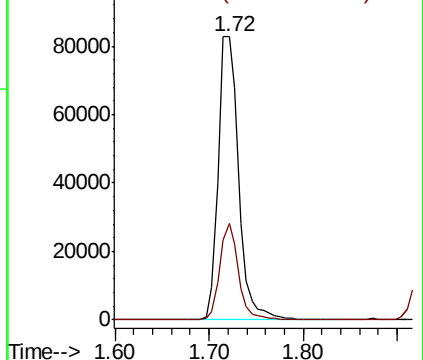
64 100

66 34.2 25.5 38.3



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0





#7

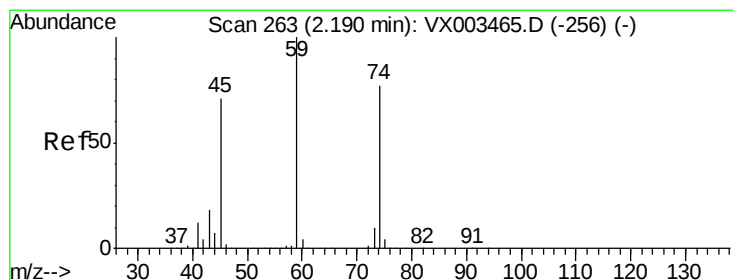
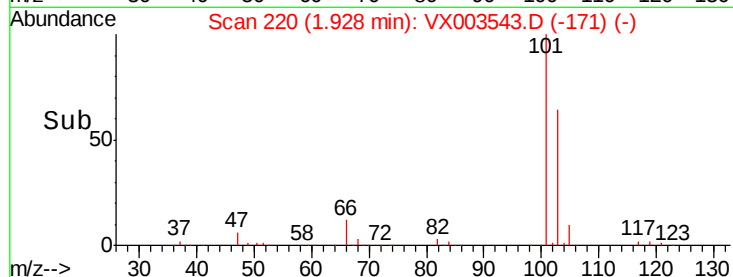
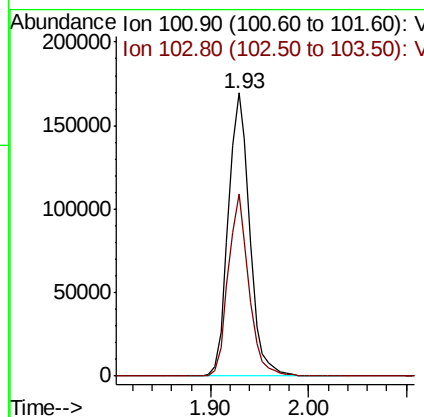
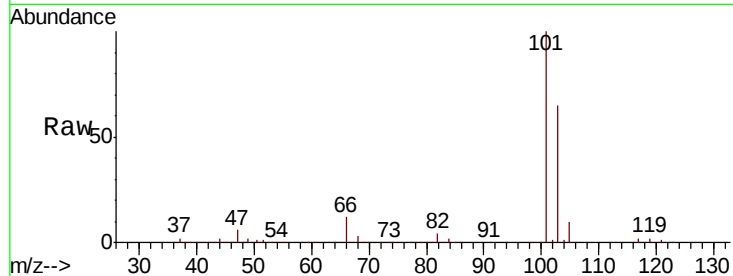
Trichlorofluoromethane
 Concen: 50.871 ug/l
 RT: 1.93 min Scan# 220
 Delta R.T. 0.00 min
 Lab File: VX003543.D
 Acq: 21 Jul 2018 07:06

Instrument :
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 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 101 Resp: 257761
 Ion Ratio Lower Upper
 101 100
 103 64.5 52.8 79.2

Manual Integrations
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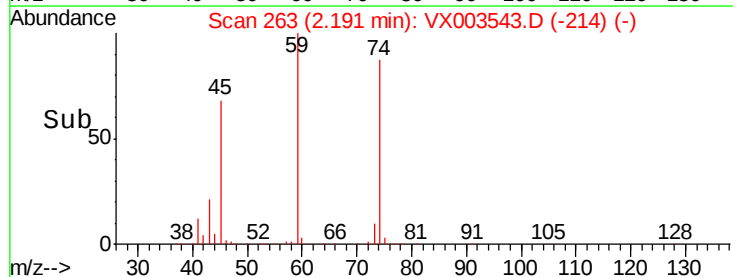
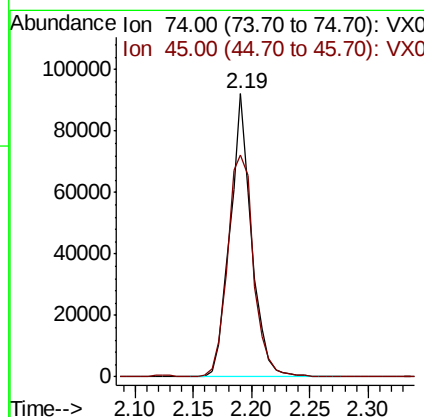
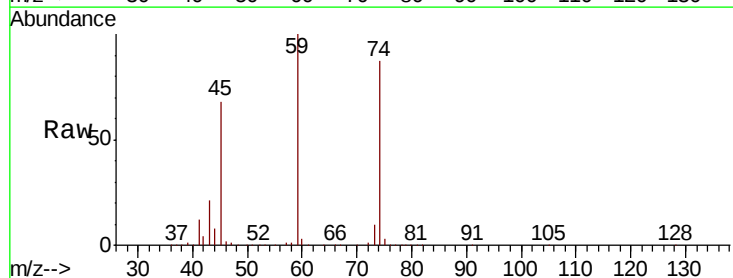
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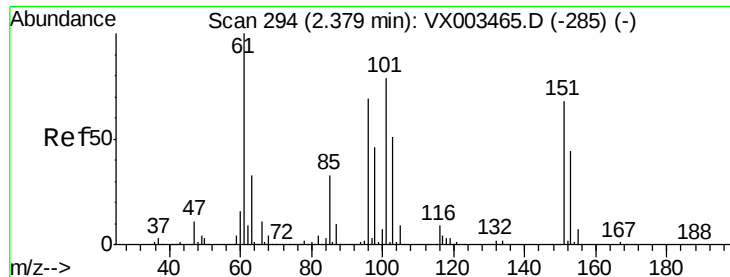


#8

Diethyl Ether
 Concen: 54.184 ug/l
 RT: 2.19 min Scan# 263
 Delta R.T. 0.00 min
 Lab File: VX003543.D
 Acq: 21 Jul 2018 07:06

Tgt Ion: 74 Resp: 117914
 Ion Ratio Lower Upper
 74 100
 45 94.9 53.1 159.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 47.532 ug/l

RT: 2.39 min Scan# 295

Delta R.T. 0.01 min

Lab File: VX003543.D

Acq: 21 Jul 2018 07:06

Instrument :

MSVOA_X

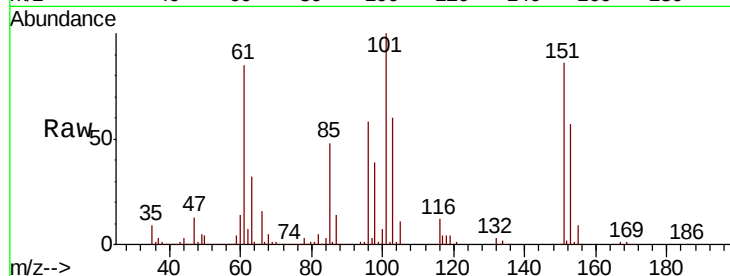
ClientSampleId :

VSTDCCC050EC

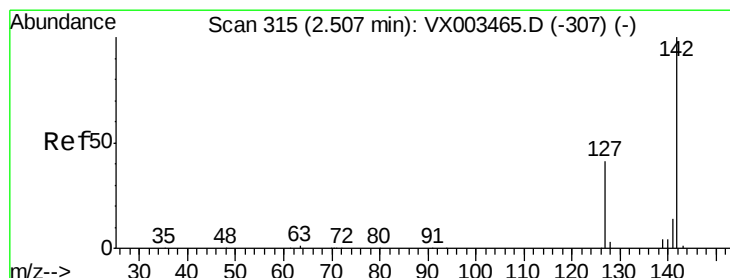
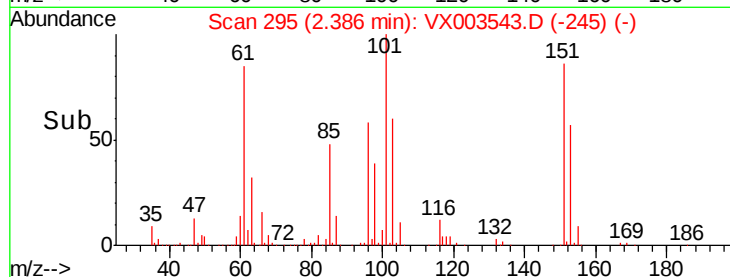
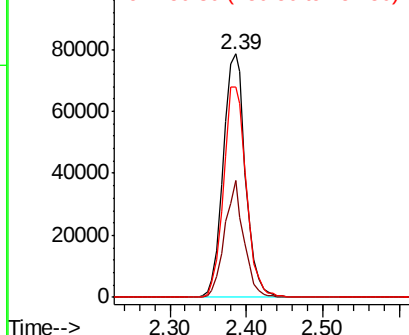
Tgt Ion:	101	Resp:	157632
Ion Ratio	Lower	Upper	
101	100		
85	41.5	36.0	54.0
151	87.9	70.9	106.3

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: 57.847 ug/l

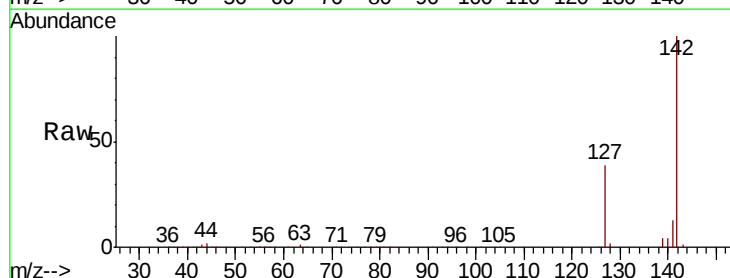
RT: 2.51 min Scan# 315

Delta R.T. 0.00 min

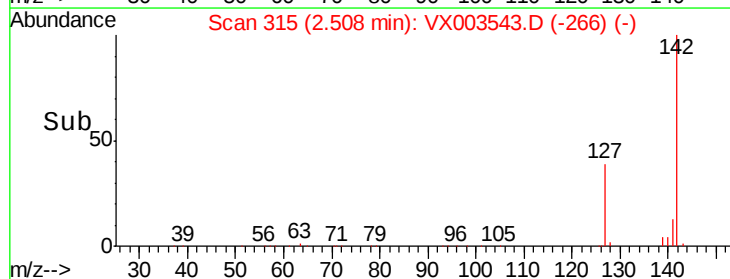
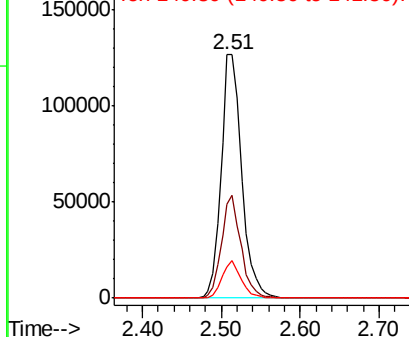
Lab File: VX003543.D

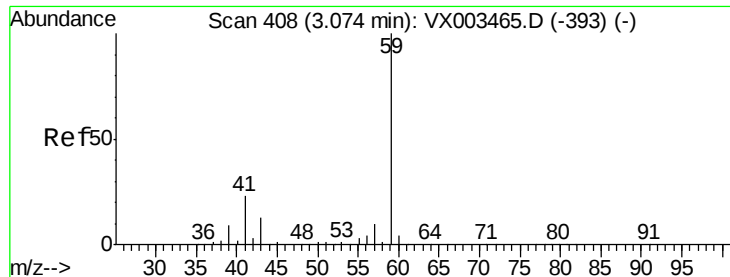
Acq: 21 Jul 2018 07:06

Tgt Ion:	142	Resp:	230457
Ion Ratio	Lower	Upper	
142	100		
127	40.0	36.6	55.0
141	14.2	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





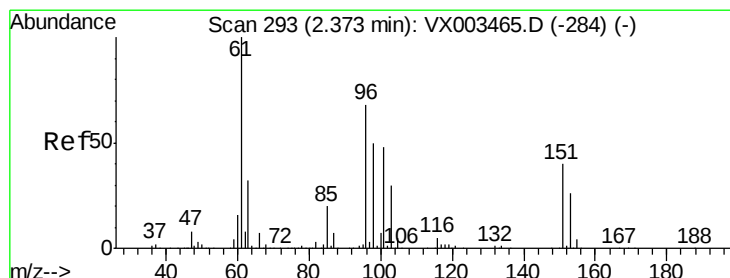
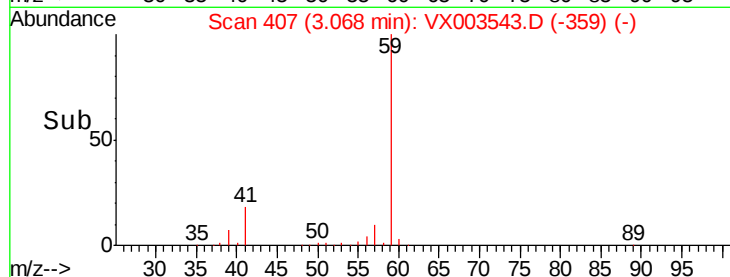
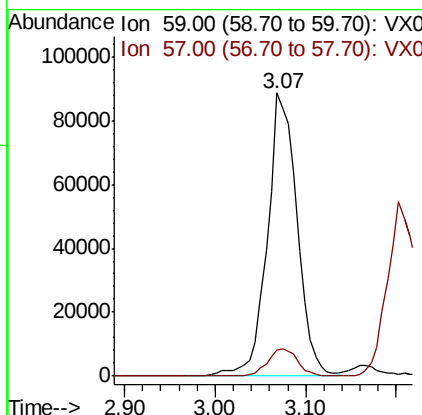
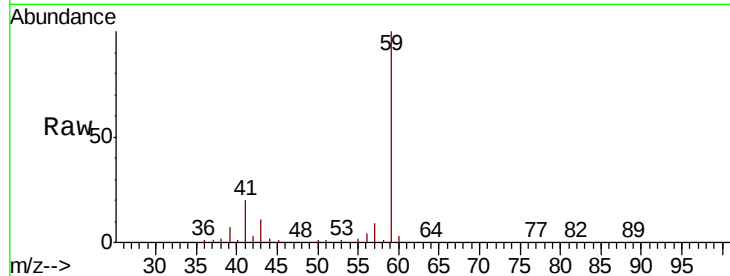
#11
Tert butyl alcohol
Concen: 287.164 ug/l
RT: 3.07 min Scan# 407
Delta R.T. -0.01 min
Lab File: VX003543.D
Acq: 21 Jul 2018 07:06

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 59 Resp: 201097
Ion Ratio Lower Upper
59 100
57 10.0 8.2 12.2

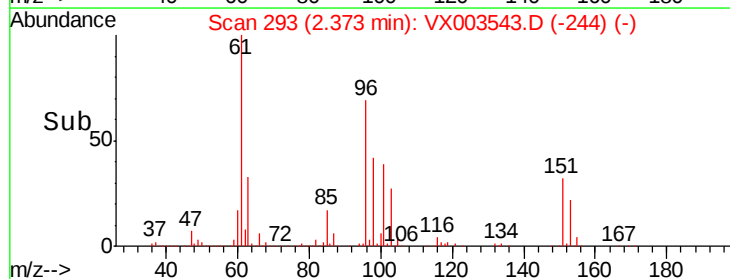
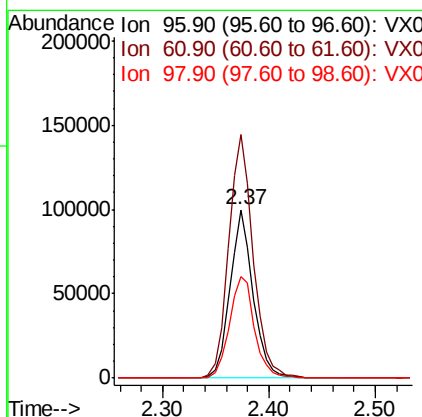
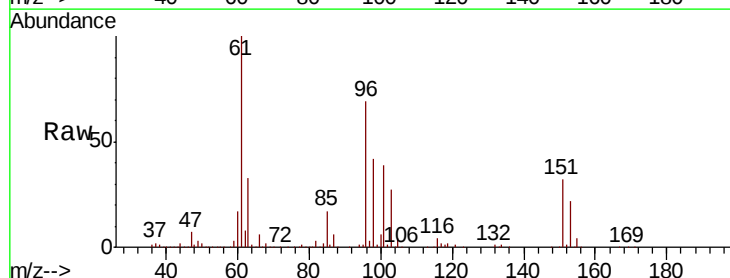
Manual Integrations
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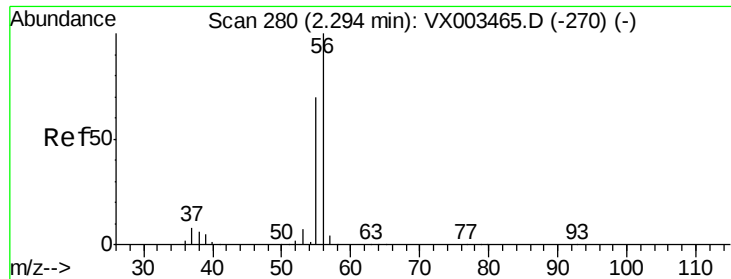
MMDadoda
7/23/2018 12:36:28 PM



#12
1,1-Dichloroethene
Concen: 49.677 ug/l
RT: 2.37 min Scan# 293
Delta R.T. 0.00 min
Lab File: VX003543.D
Acq: 21 Jul 2018 07:06

Tgt Ion: 96 Resp: 151690
Ion Ratio Lower Upper
96 100
61 144.7 137.9 206.9
98 60.6 51.6 77.4





#13

Acrolein

Concen: 218.665 ug/l

RT: 2.29 min Scan# 280

Delta R.T. 0.00 min

Lab File: VX003543.D

Acq: 21 Jul 2018 07:06

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 56 Resp: 69187

Ion Ratio Lower Upper

56 100

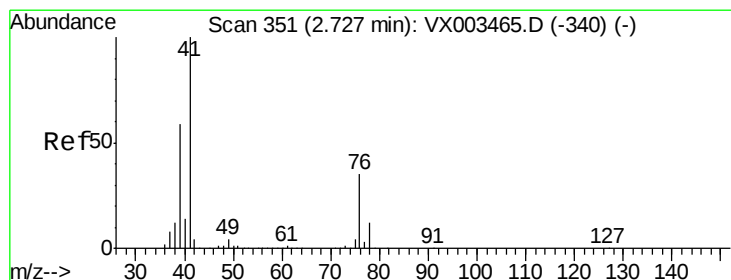
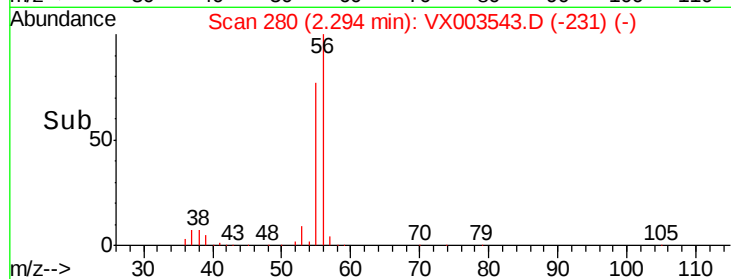
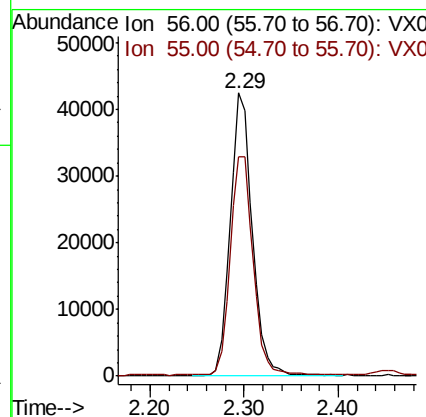
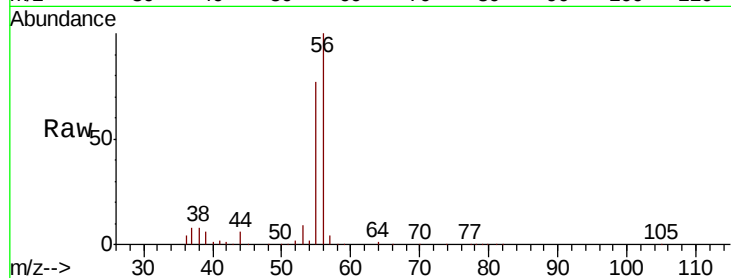
55 79.5 57.0 85.4

Manual Integrations

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#14

Allyl chloride

Concen: 50.316 ug/l

RT: 2.73 min Scan# 351

Delta R.T. 0.00 min

Lab File: VX003543.D

Acq: 21 Jul 2018 07:06

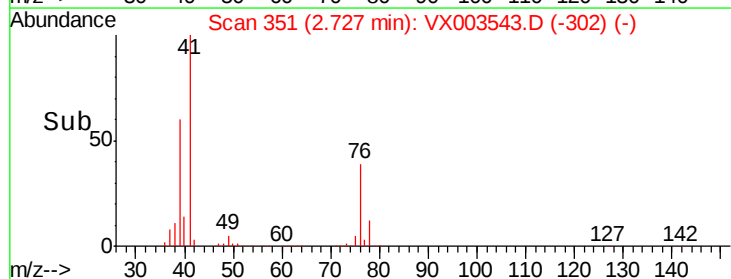
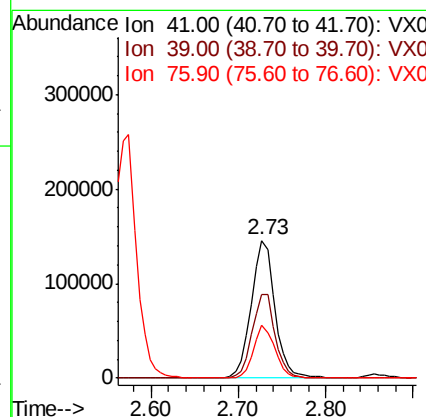
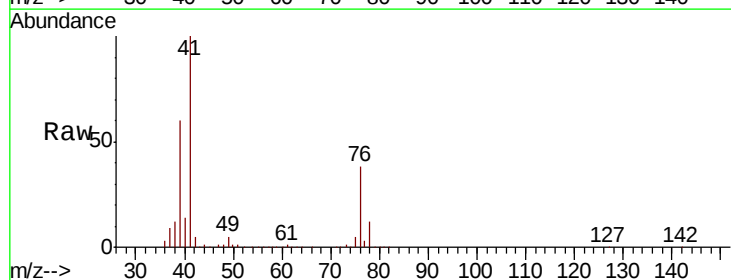
Tgt Ion: 41 Resp: 271983

Ion Ratio Lower Upper

41 100

39 59.0 56.8 85.2

76 34.6 23.8 35.8





#15

Acrylonitrile

Concen: 273.596 ug/l

RT: 3.15 min Scan# 421

Delta R.T. 0.00 min

Lab File: VX003543.D

Acq: 21 Jul 2018 07:06

Instrument :

MSVOA_X

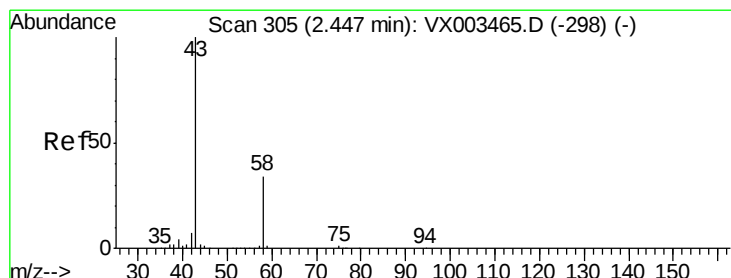
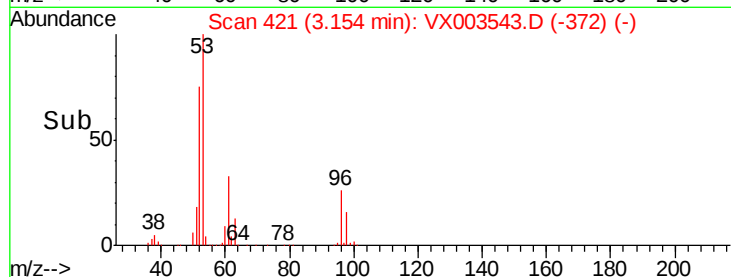
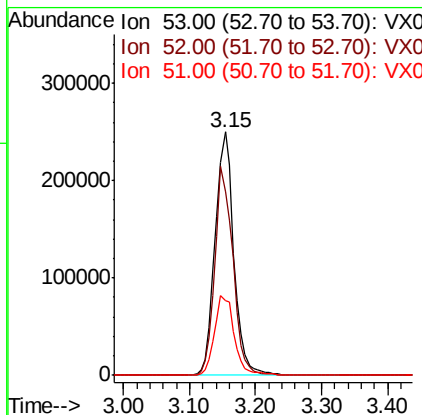
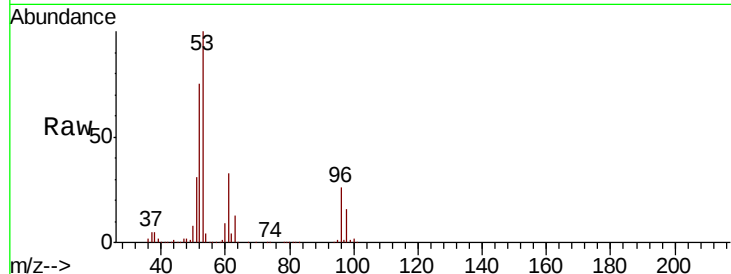
ClientSampleId :

VSTDCCC050EC

Tgt Ion:	53	Resp:	487791
Ion	Ratio	Lower	Upper
53	100		
52	82.6	66.7	100.1
51	34.6	29.9	44.9

Manual Integrations
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#16

Acetone

Concen: 281.648 ug/l

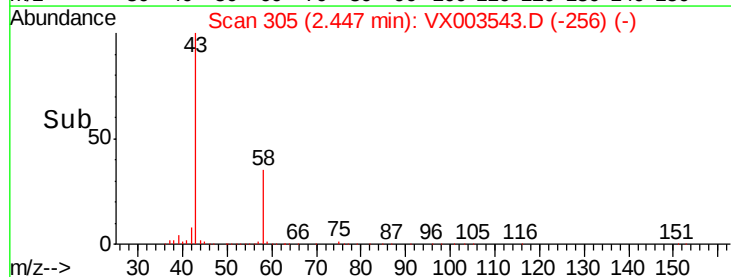
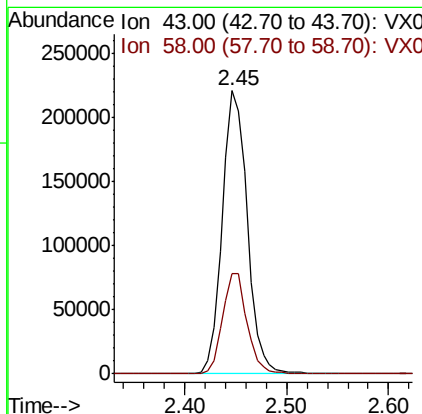
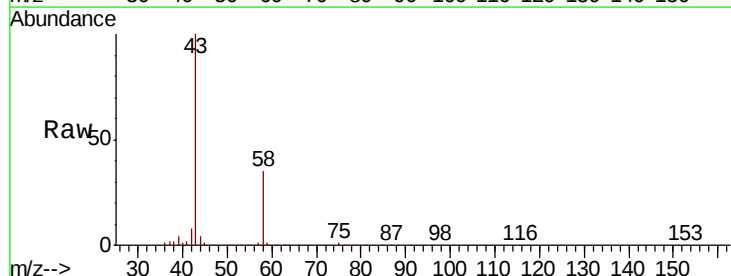
RT: 2.45 min Scan# 305

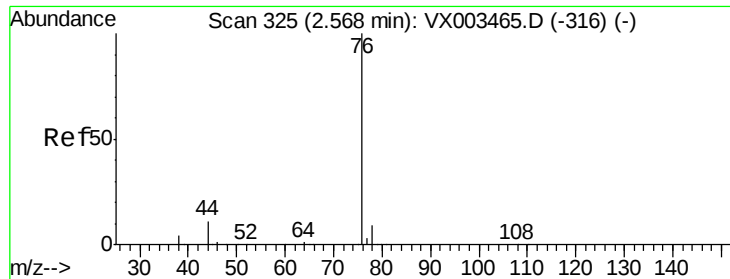
Delta R.T. 0.00 min

Lab File: VX003543.D

Acq: 21 Jul 2018 07:06

Tgt Ion:	43	Resp:	376494
Ion	Ratio	Lower	Upper
43	100		
58	35.4	22.1	33.1#





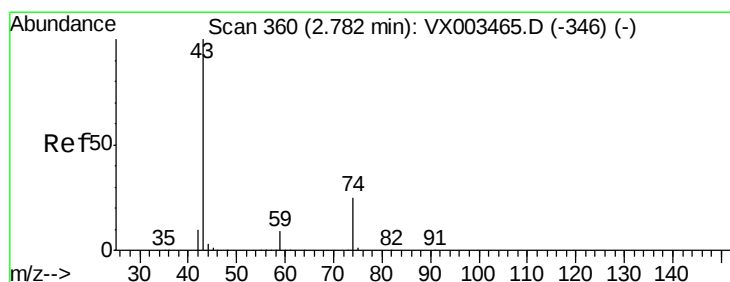
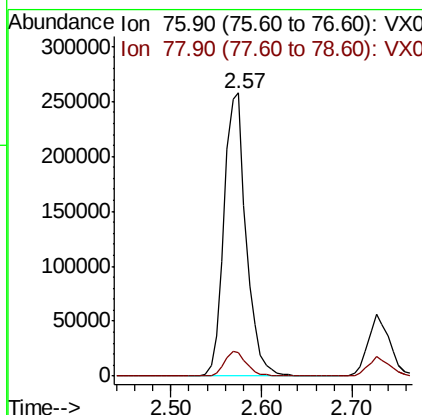
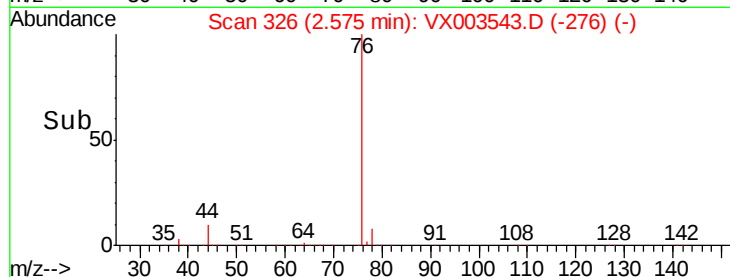
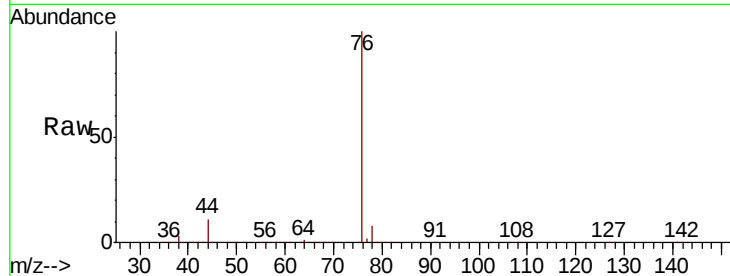
#17
Carbon Disulfide
Concen: 53.118 ug/l
RT: 2.57 min Scan# 326
Delta R.T. 0.01 min
Lab File: VX003543.D
Acq: 21 Jul 2018 07:06

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
76	100		
78	8.3	6.9	10.3

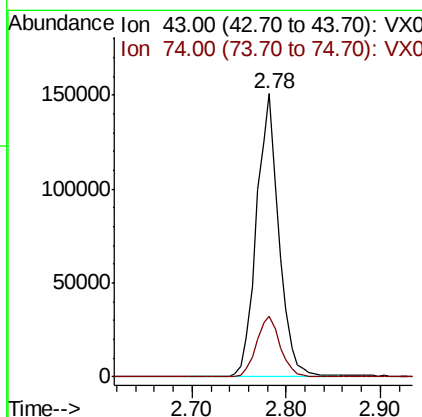
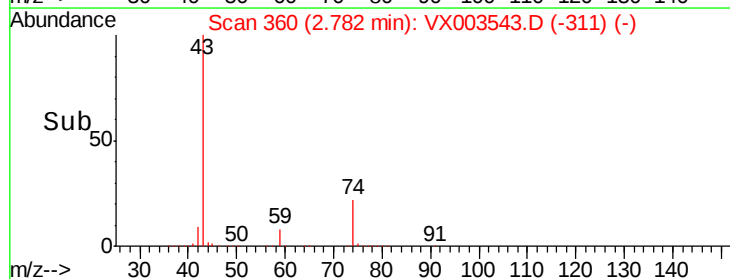
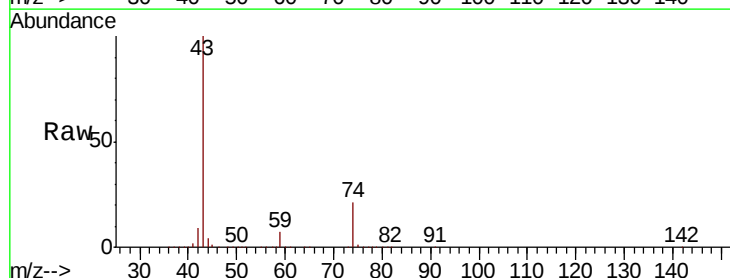
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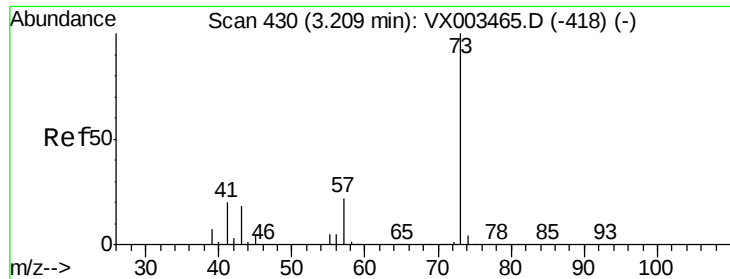
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#18
Methyl Acetate
Concen: 59.292 ug/l
RT: 2.78 min Scan# 360
Delta R.T. 0.00 min
Lab File: VX003543.D
Acq: 21 Jul 2018 07:06

Tgt Ion	Ratio	Lower	Upper
43	100		
74	23.1	16.7	25.1





#19

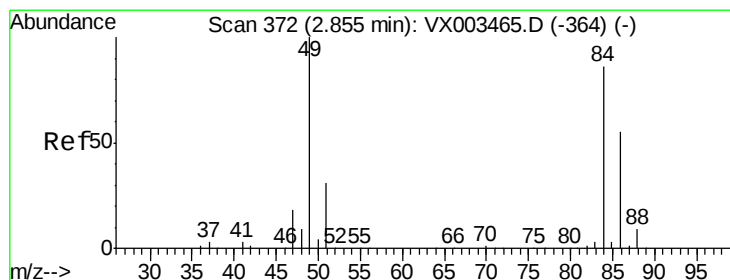
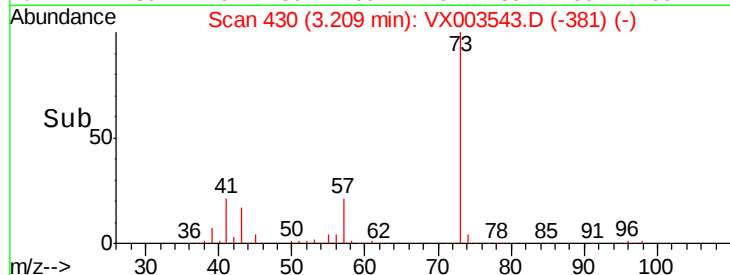
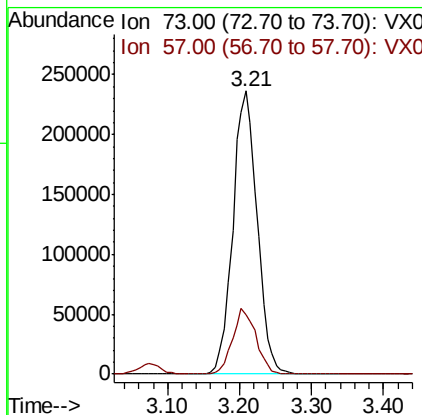
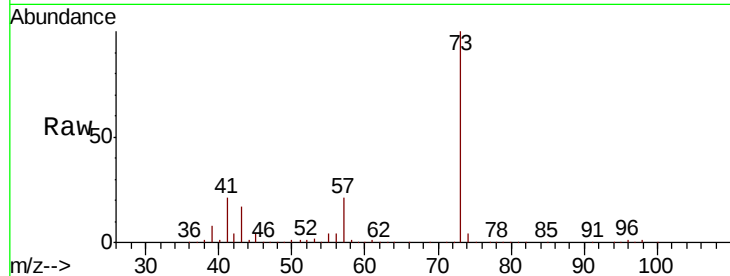
Methyl tert-butyl Ether
 Concen: 55.489 ug/l
 RT: 3.21 min Scan# 430
 Delta R.T. 0.00 min
 Lab File: VX003543.D
 Acq: 21 Jul 2018 07:06

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 73 Resp: 553291
 Ion Ratio Lower Upper
 73 100
 57 20.8 17.7 26.5

Manual Integrations
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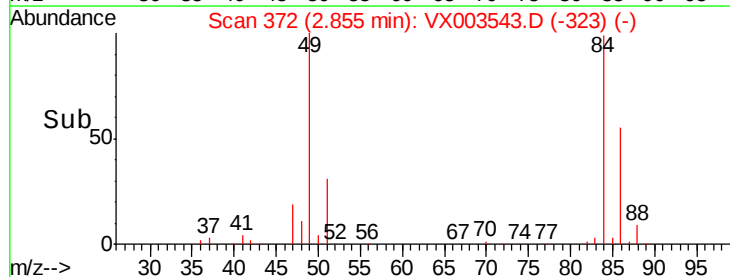
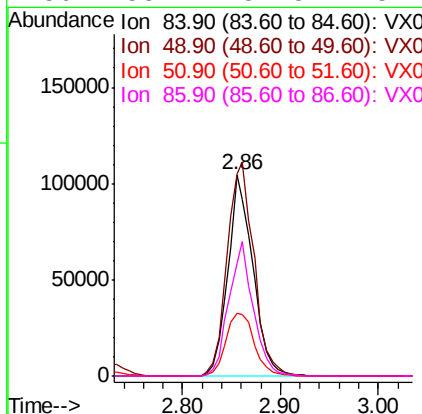
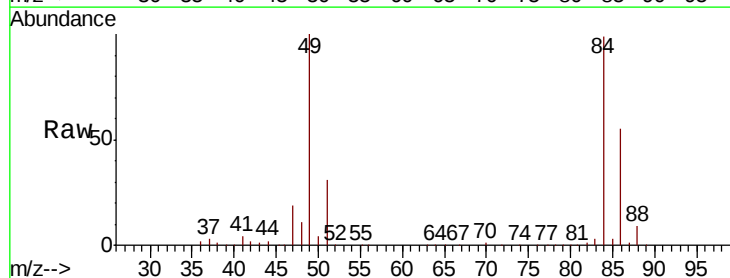
MMDadoda
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#20

Methylene Chloride
 Concen: 56.716 ug/l
 RT: 2.86 min Scan# 372
 Delta R.T. 0.00 min
 Lab File: VX003543.D
 Acq: 21 Jul 2018 07:06

Tgt Ion: 84 Resp: 184997
 Ion Ratio Lower Upper
 84 100
 49 100.8 107.8 161.6#
 51 31.1 32.8 49.2#
 86 55.7 52.5 78.7





#21

trans-1,2-Dichloroethene

Concen: 51.215 ug/l

RT: 3.17 min Scan# 423

Delta R.T. 0.00 min

Lab File: VX003543.D

Acq: 21 Jul 2018 07:06

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 96 Resp: 174002

Ion Ratio Lower Upper

96 100

61 128.7 117.0 175.4

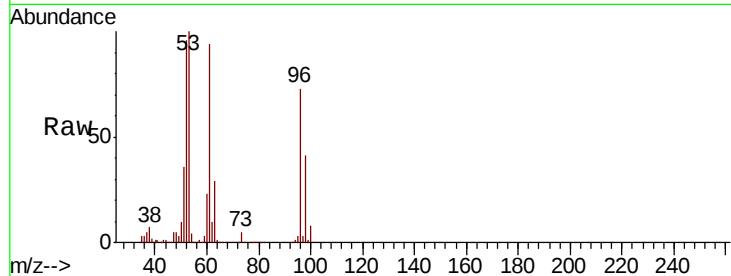
98 56.4 52.4 78.6

Manual Integrations

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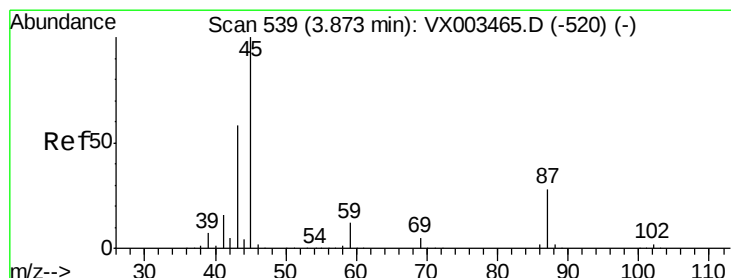
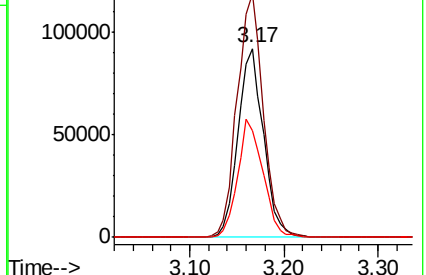
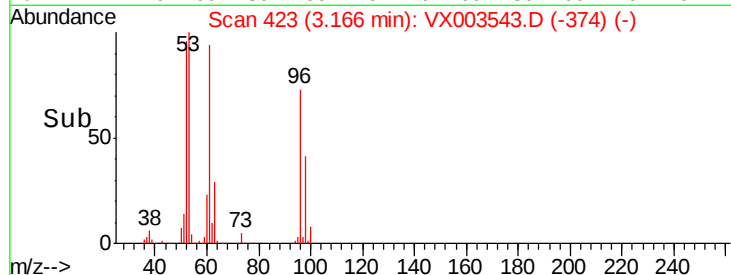
7/23/2018 12:36:28 PM



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 58.727 ug/l

RT: 3.88 min Scan# 540

Delta R.T. 0.01 min

Lab File: VX003543.D

Acq: 21 Jul 2018 07:06

Tgt Ion: 45 Resp: 597342

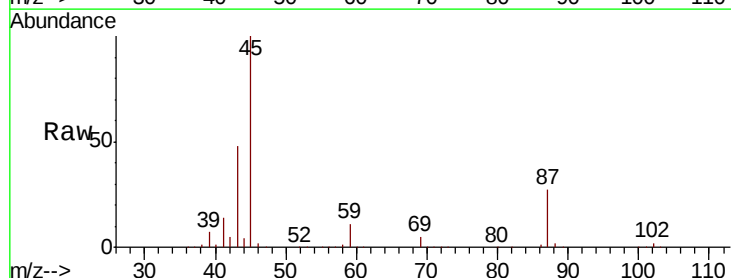
Ion Ratio Lower Upper

45 100

43 48.2 46.8 70.2

87 26.9 20.2 30.4

59 10.8 8.7 13.1

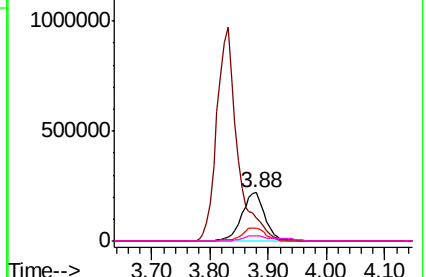
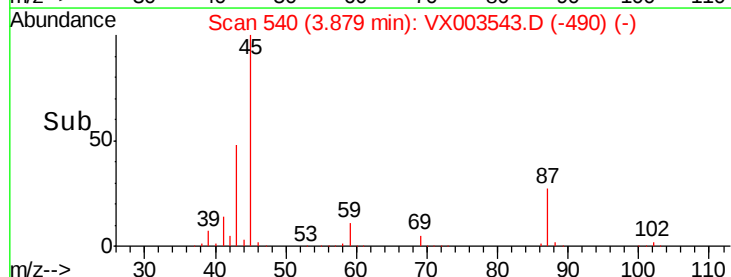


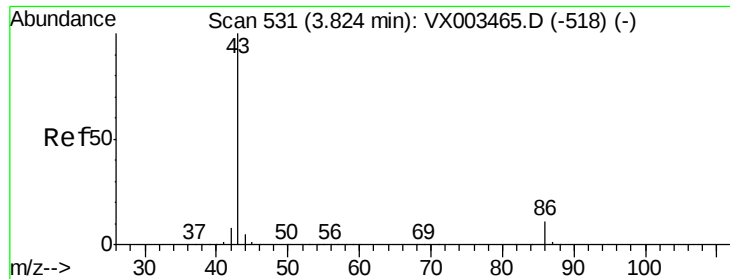
Abundance Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 285.313 ug/l

RT: 3.83 min Scan# 532

Delta R.T. 0.01 min

Lab File: VX003543.D

Acq: 21 Jul 2018 07:06

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 2390462

Ion Ratio Lower Upper

43 100

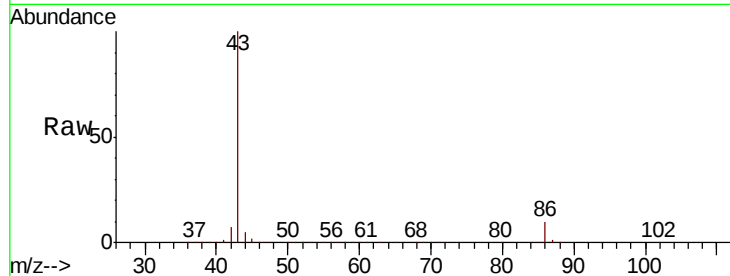
86 10.3 7.4 11.0

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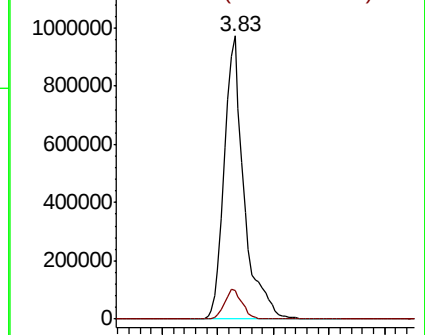
MMDadoda

7/23/2018 12:36:28 PM

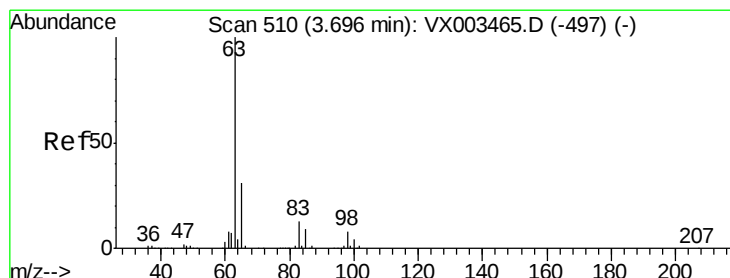
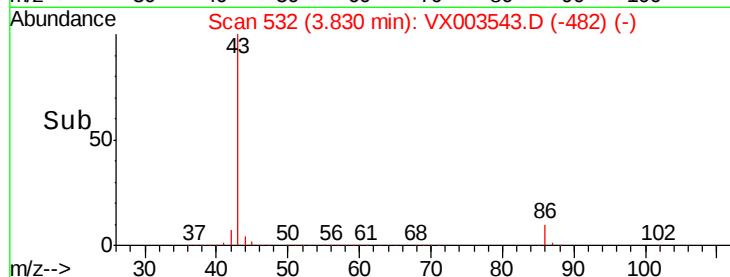


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



Time-->



#24

1,1-Dichloroethane

Concen: 56.554 ug/l

RT: 3.69 min Scan# 509

Delta R.T. -0.01 min

Lab File: VX003543.D

Acq: 21 Jul 2018 07:06

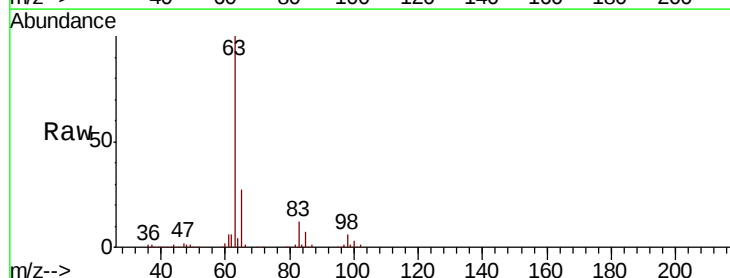
Tgt Ion: 63 Resp: 337500

Ion Ratio Lower Upper

63 100

98 6.5 3.4 10.2

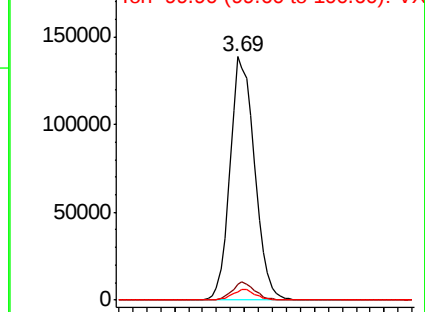
100 3.3 2.0 6.0



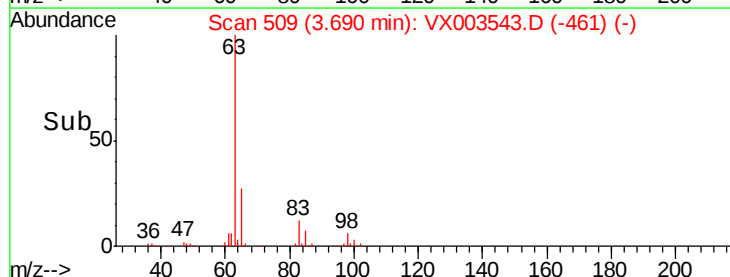
Abundance Ion 62.90 (62.60 to 63.60): VX0

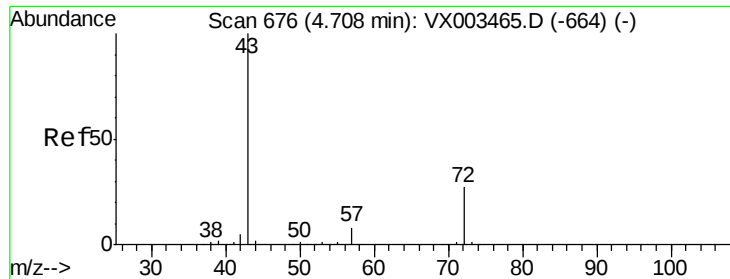
Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0



Time-->





#25

2-Butanone

Concen: 288.138 ug/l

RT: 4.71 min Scan# 676

Delta R.T. 0.00 min

Lab File: VX003543.D

Acq: 21 Jul 2018 07:06

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 646244

Ion Ratio Lower Upper

43 100

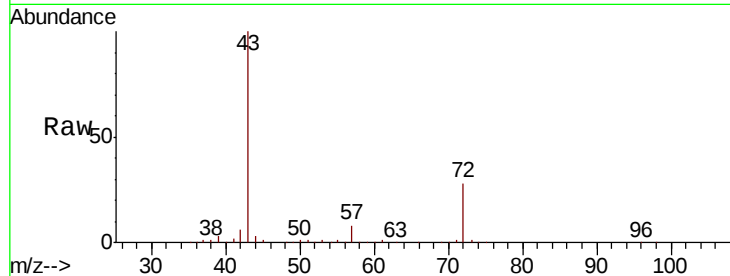
72 28.1 18.5 27.7#

Manual Integrations

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

250000

200000

150000

100000

50000

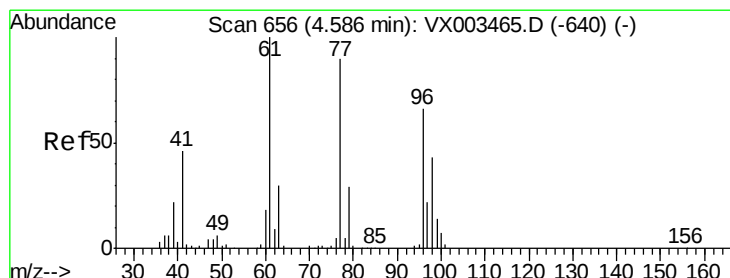
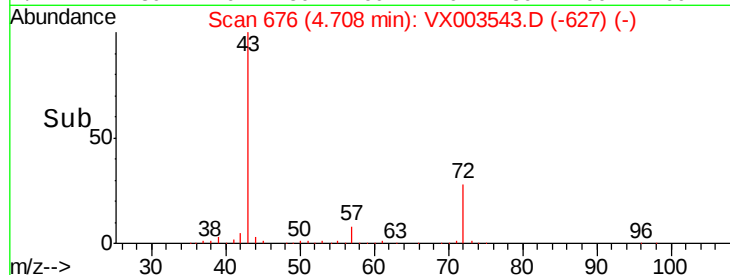
0

4.60

4.70

4.80

Time-->



#26

2,2-Dichloropropane

Concen: 30.772 ug/l

RT: 4.59 min Scan# 657

Delta R.T. 0.01 min

Lab File: VX003543.D

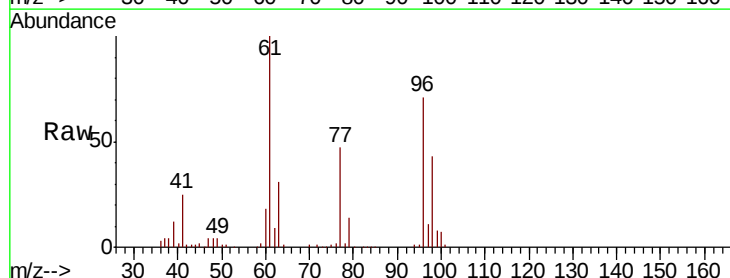
Acq: 21 Jul 2018 07:06

Tgt Ion: 77 Resp: 139475

Ion Ratio Lower Upper

77 100

97 26.8 11.2 33.5



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

50000

40000

30000

20000

10000

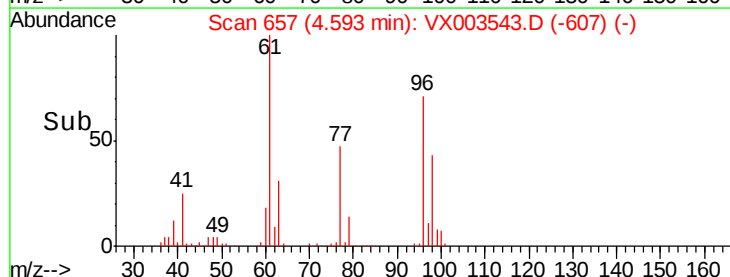
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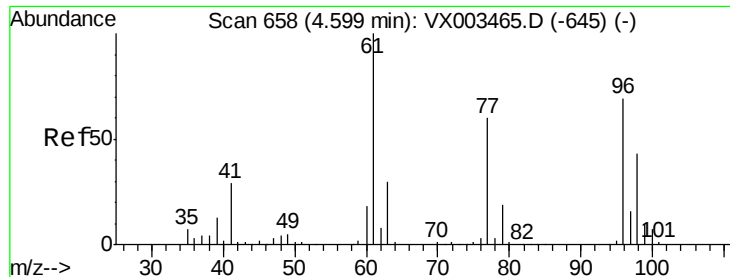
4.50

4.60

4.70

Time-->





#27

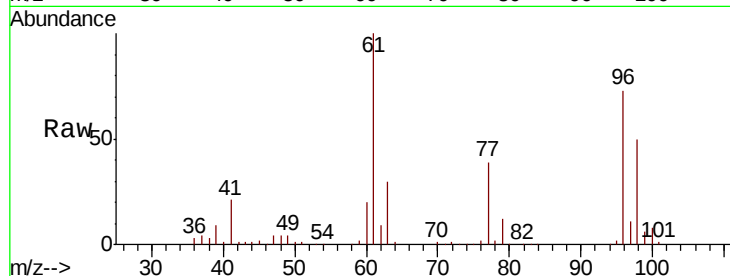
cis-1,2-Dichloroethene
 Concen: 52.973 ug/l
 RT: 4.60 min Scan# 658
 Delta R.T. 0.00 min
 Lab File: VX003543.D
 Acq: 21 Jul 2018 07:06

Instrument :
 MSVOA_X
 ClientSampleID :
 VSTDCCC050EC

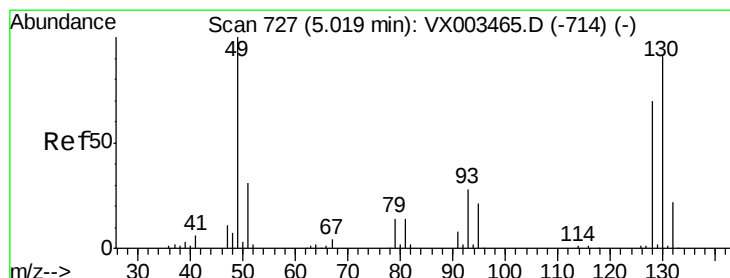
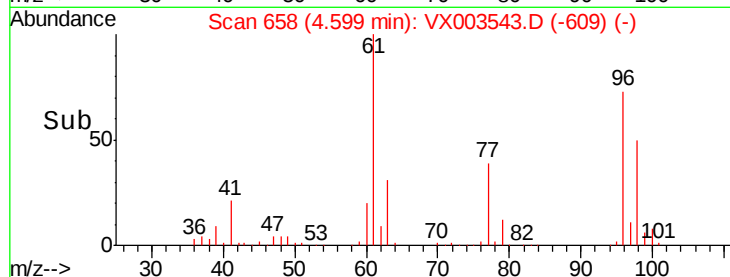
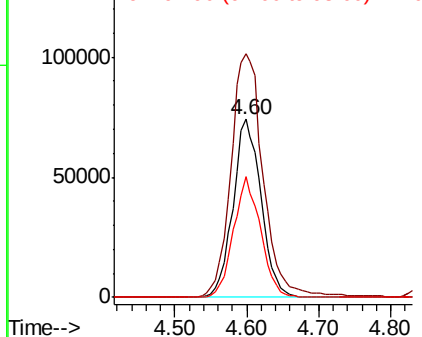
Tgt Ion	Ratio	Resp	Lower	Upper
96	100	200393		
61	157.9	0.0	330.2	
98	65.3	0.0	130.2	

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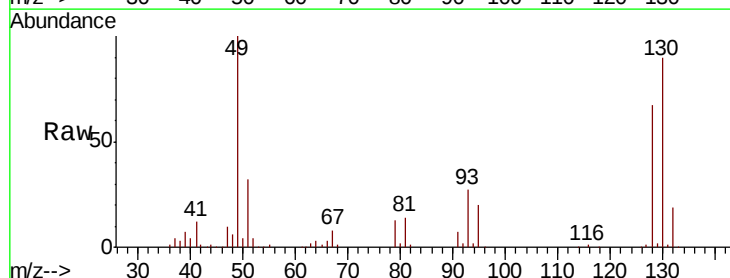
Abundance Ion 95.90 (95.60 to 96.60): VX0
 Ion 60.90 (60.60 to 61.60): VX0
 Ion 97.90 (97.60 to 98.60): VX0



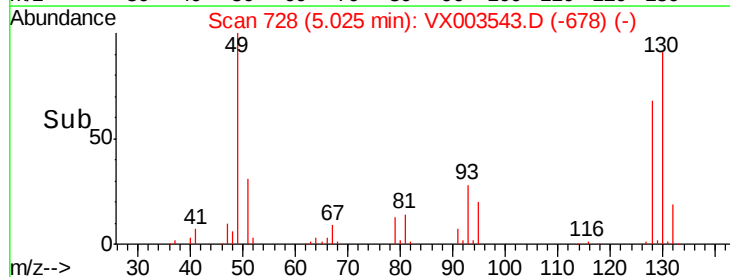
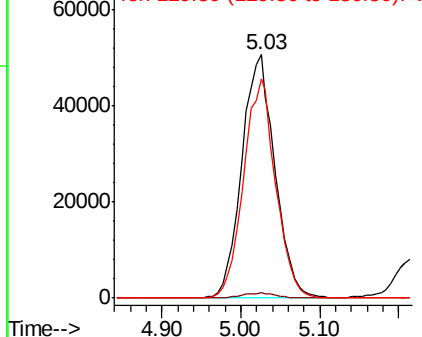
#28

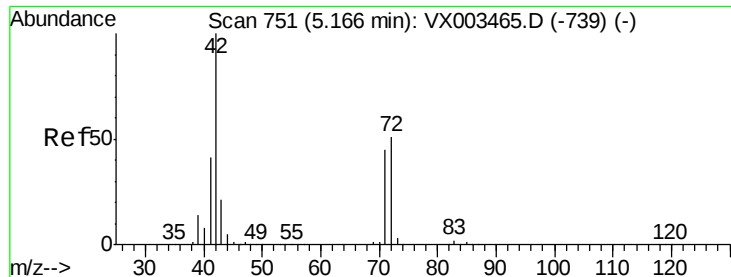
Bromochloromethane
 Concen: 56.865 ug/l
 RT: 5.03 min Scan# 728
 Delta R.T. 0.01 min
 Lab File: VX003543.D
 Acq: 21 Jul 2018 07:06

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	148332		
129	2.2	0.0	4.2	
130	87.1	61.2	91.8	



Abundance Ion 48.90 (48.60 to 49.60): VX0
 Ion 128.80 (128.50 to 129.50): V
 Ion 129.80 (129.50 to 130.50): V





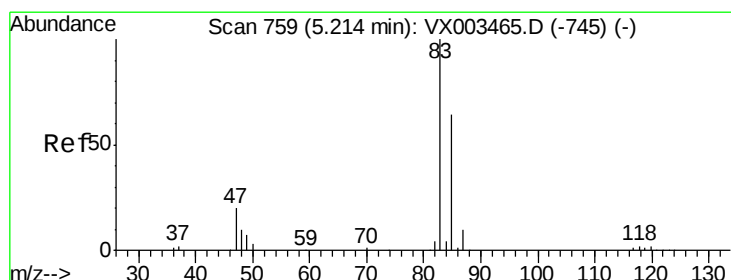
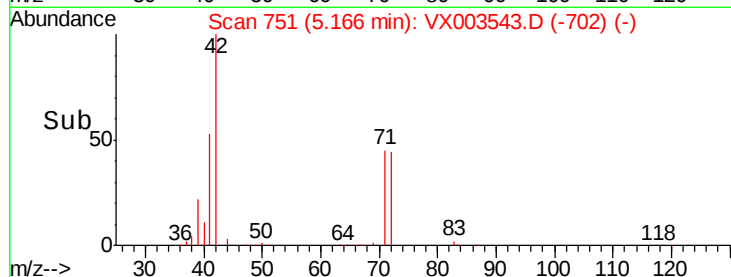
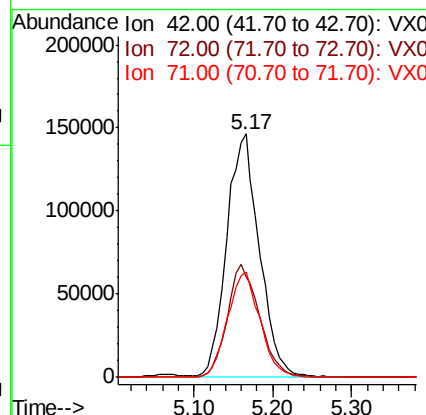
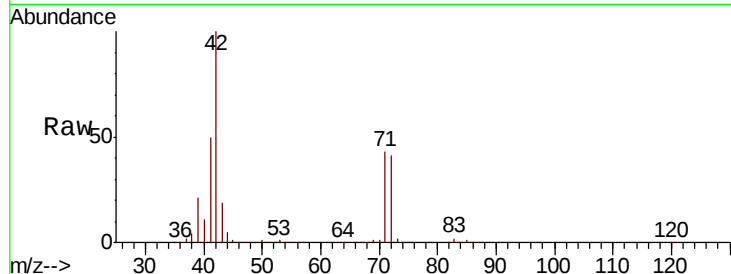
#29
Tetrahydrofuran
Concen: 284.466 ug/l
RT: 5.17 min Scan# 751
Delta R.T. 0.00 min
Lab File: VX003543.D
Acq: 21 Jul 2018 07:06

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
42	100		
72	46.0	32.0	48.0
71	42.9	30.1	45.1

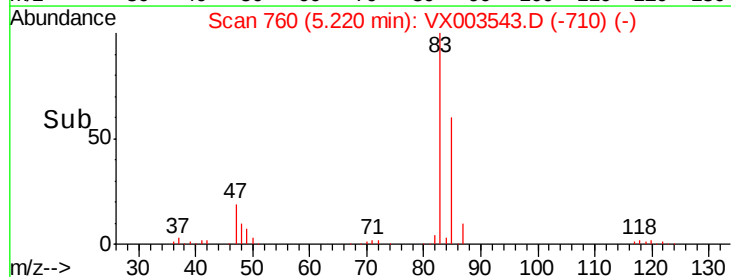
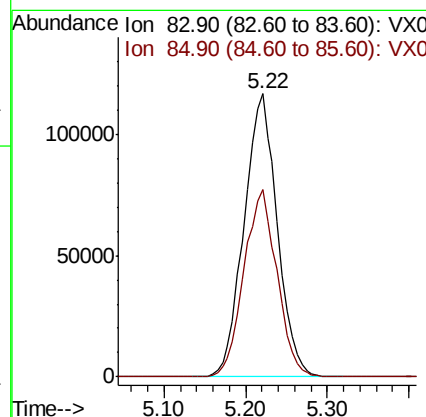
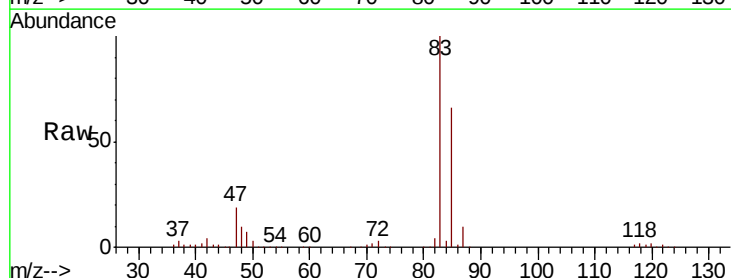
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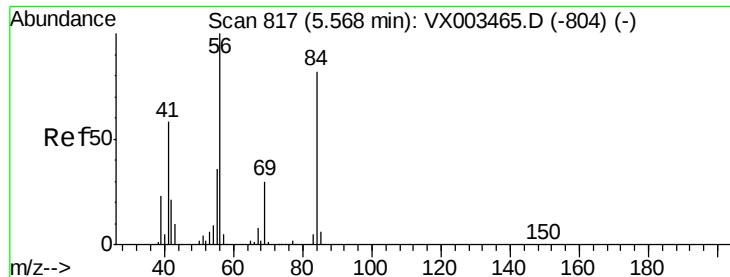
MMDadoda
7/23/2018 12:36:28 PM



#30
Chloroform
Concen: 56.544 ug/l
RT: 5.22 min Scan# 760
Delta R.T. 0.01 min
Lab File: VX003543.D
Acq: 21 Jul 2018 07:06

Tgt Ion	Ratio	Lower	Upper
83	100		
85	66.3	50.4	75.6





#31

Cyclohexane

Concen: 51.839 ug/l

RT: 5.57 min Scan# 818

Delta R.T. 0.01 min

Lab File: VX003543.D

Acq: 21 Jul 2018 07:06

Instrument :

MSVOA_X

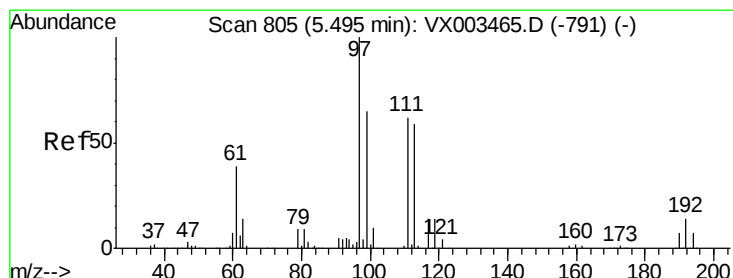
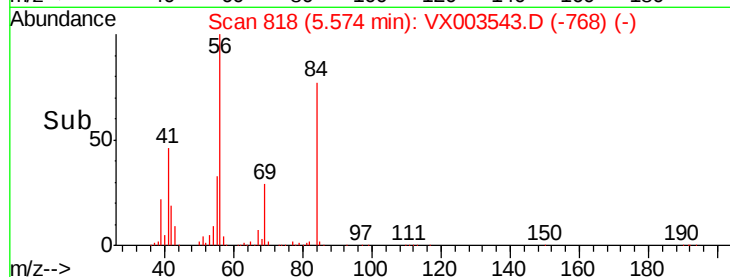
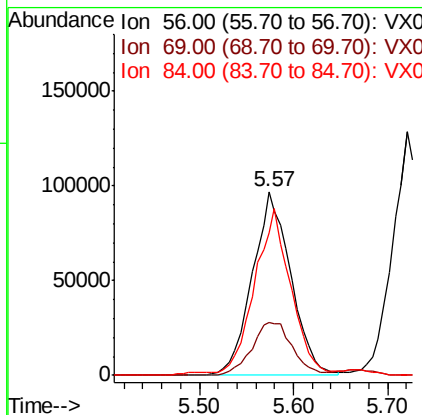
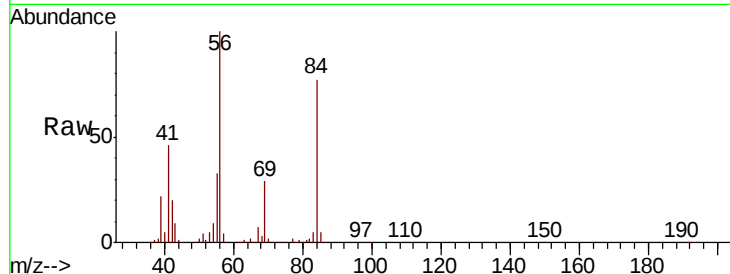
ClientSampleId :

VSTDCCC050EC

Tgt Ion:	56	Resp:	276411
Ion	Ratio	Lower	Upper
56	100		
69	28.6	23.7	35.5
84	75.9	64.1	96.1

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#32

1,1,1-Trichloroethane

Concen: 55.619 ug/l

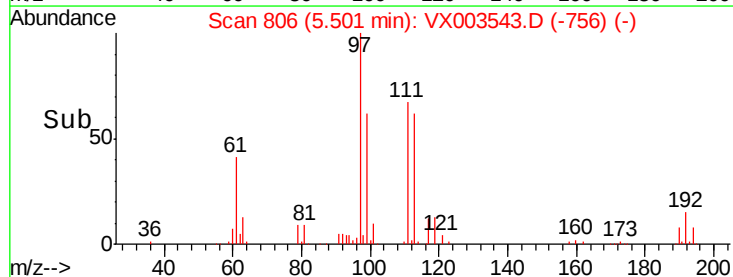
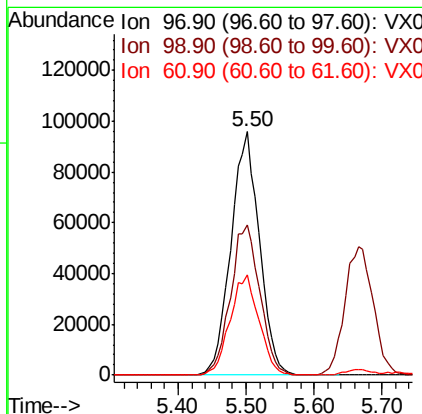
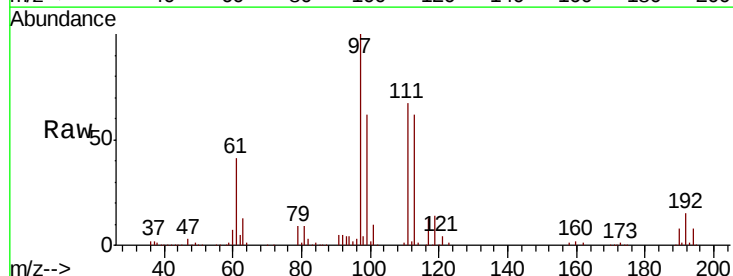
RT: 5.50 min Scan# 806

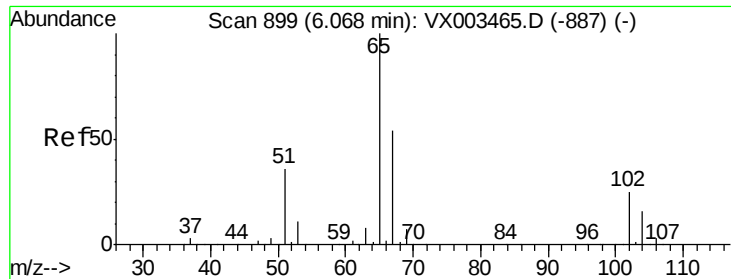
Delta R.T. 0.01 min

Lab File: VX003543.D

Acq: 21 Jul 2018 07:06

Tgt Ion:	97	Resp:	277552
Ion	Ratio	Lower	Upper
97	100		
99	63.4	51.6	77.4
61	41.9	36.4	54.6





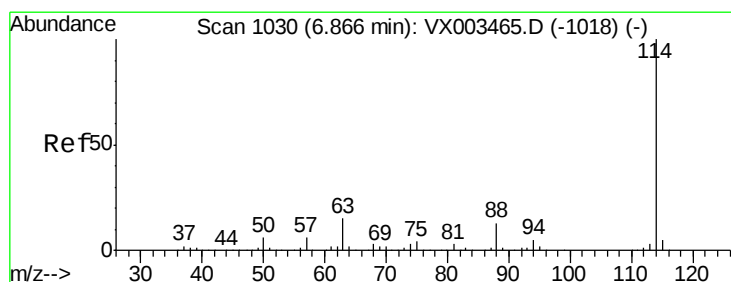
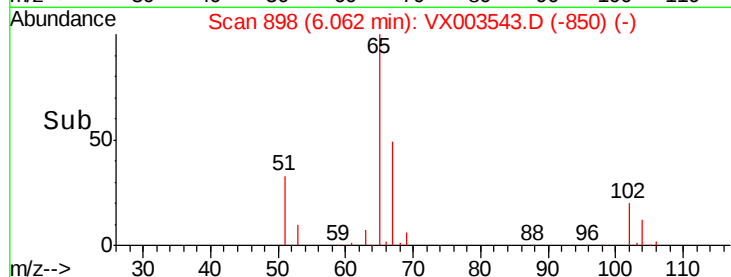
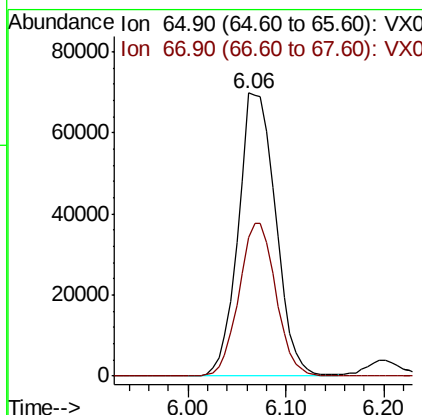
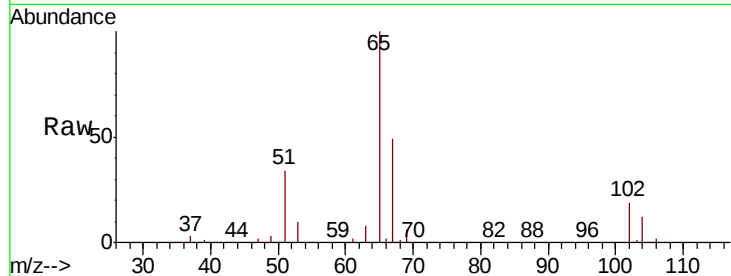
#33
 1,2-Dichloroethane-d4
 Concen: 52.559 ug/l
 RT: 6.06 min Scan# 898
 Delta R.T. -0.01 min
 Lab File: VX003543.D
 Acq: 21 Jul 2018 07:06

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 65 Resp: 186003
 Ion Ratio Lower Upper
 65 100
 67 53.3 0.0 102.6

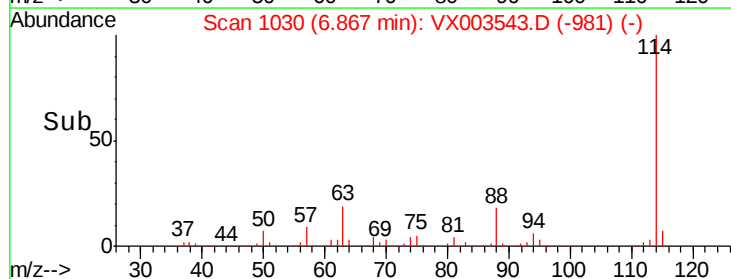
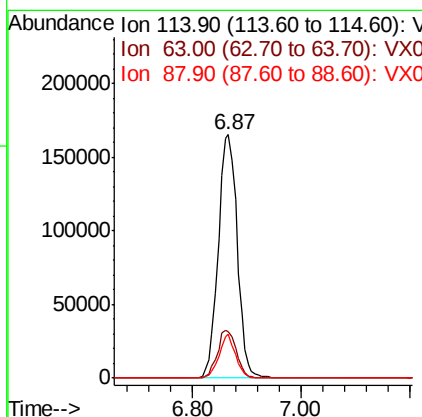
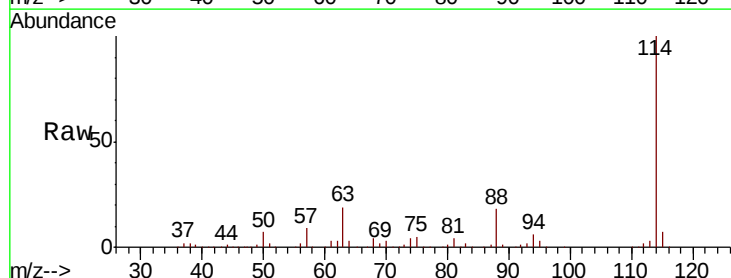
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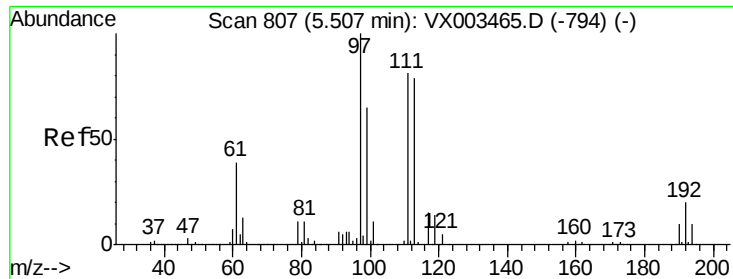
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. 0.00 min
 Lab File: VX003543.D
 Acq: 21 Jul 2018 07:06

Tgt Ion: 114 Resp: 401314
 Ion Ratio Lower Upper
 114 100
 63 18.9 0.0 41.4
 88 17.9 0.0 30.0





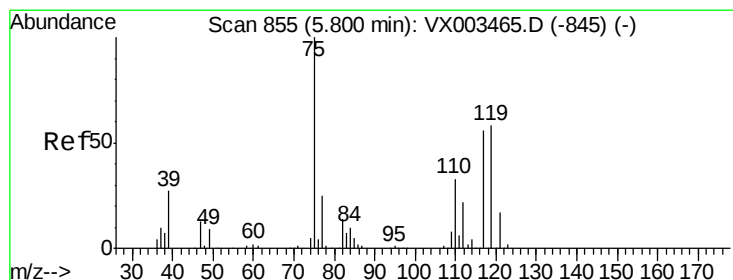
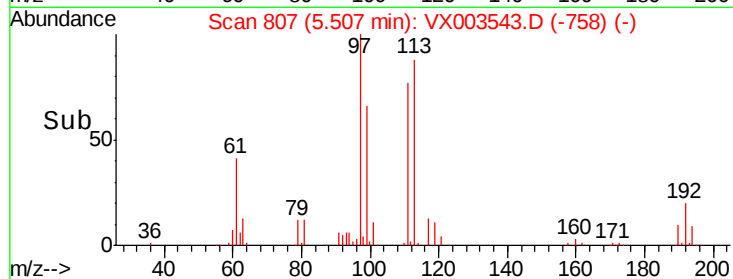
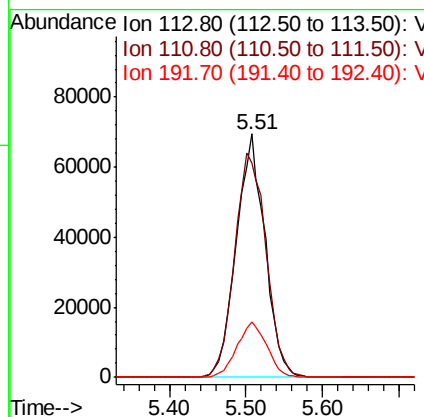
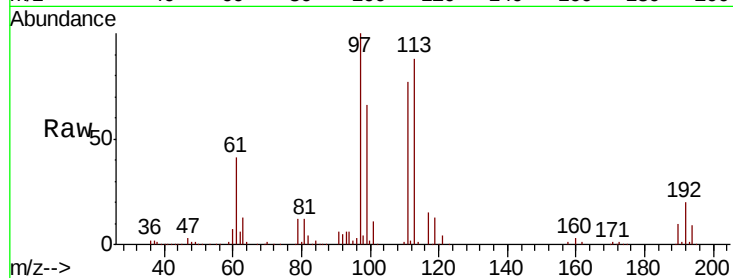
#35
Dibromofluoromethane
Concen: 59.225 ug/l
RT: 5.51 min Scan# 807
Delta R.T. 0.00 min
Lab File: VX003543.D
Acq: 21 Jul 2018 07:06

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Resp	Lower	Upper
113	100	181034		
111	100.3	81.4	122.0	
192	23.5	19.1	28.7	

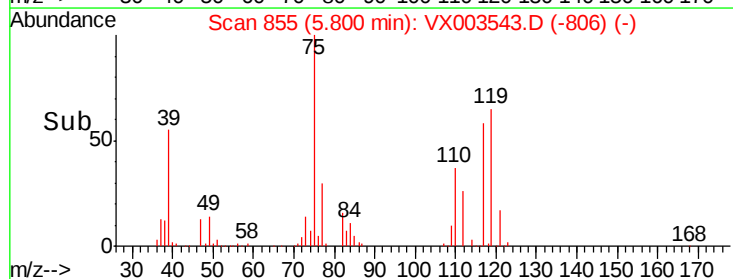
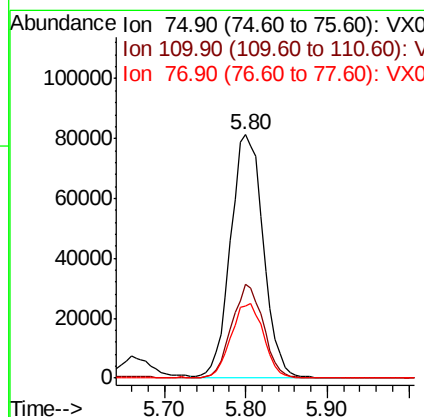
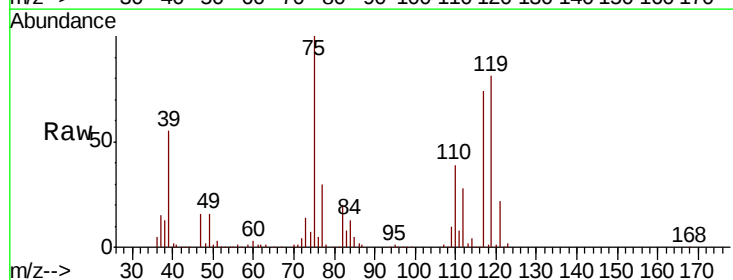
Manual Integrations
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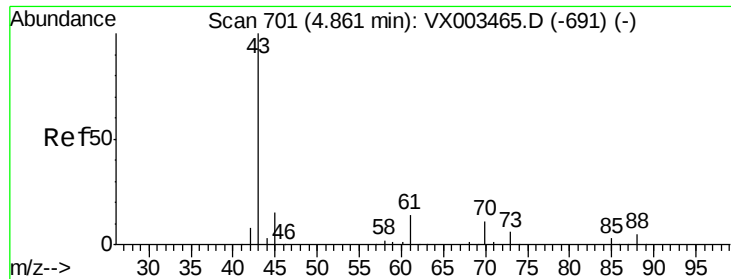
MMDadoda
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#36
1,1-Dichloropropene
Concen: 51.781 ug/l
RT: 5.80 min Scan# 855
Delta R.T. 0.00 min
Lab File: VX003543.D
Acq: 21 Jul 2018 07:06

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	224358		
110	37.3	18.1	54.4	
77	30.6	24.3	36.5	





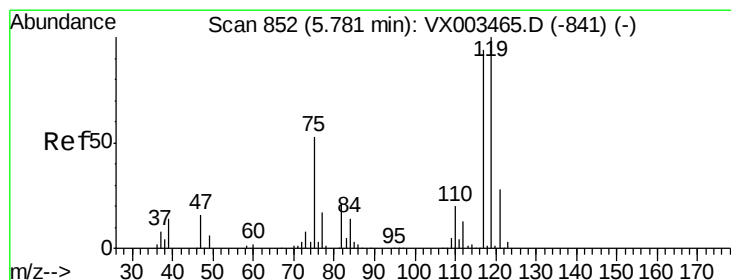
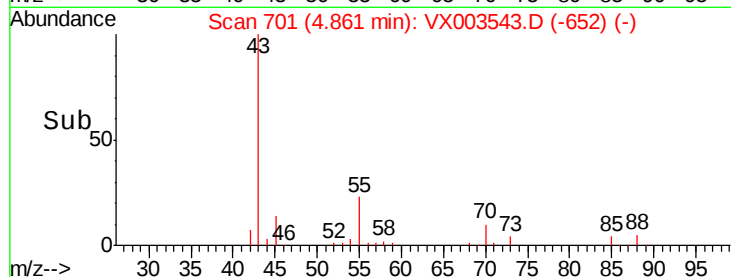
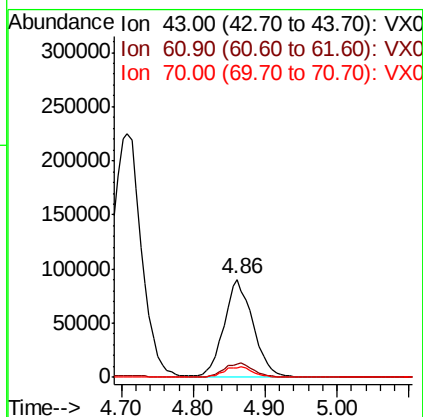
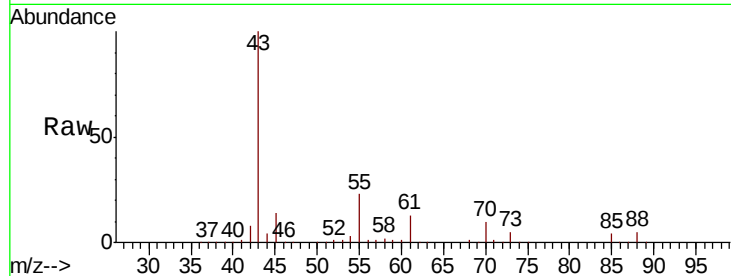
#37
Ethyl Acetate
Concen: 61.565 ug/l
RT: 4.86 min Scan# 701
Delta R.T. 0.00 min
Lab File: VX003543.D
Acq: 21 Jul 2018 07:06

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
43	100		
61	14.6	10.4	15.6
70	11.1	7.6	11.4

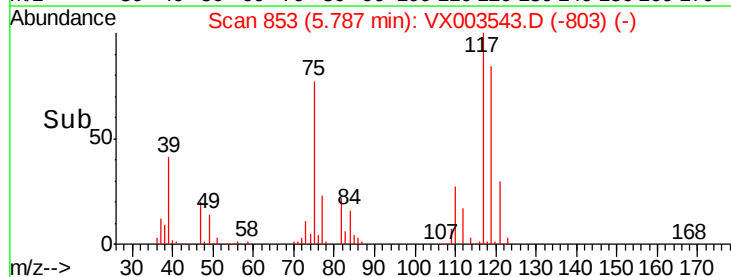
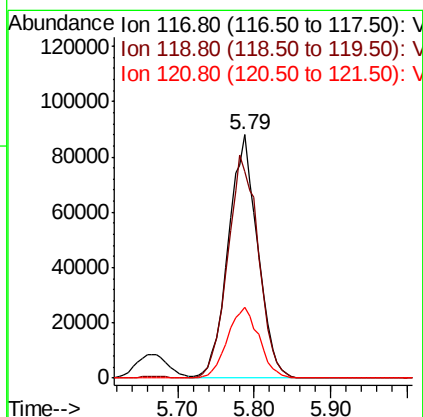
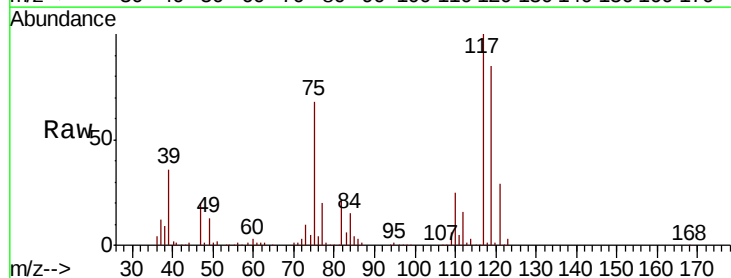
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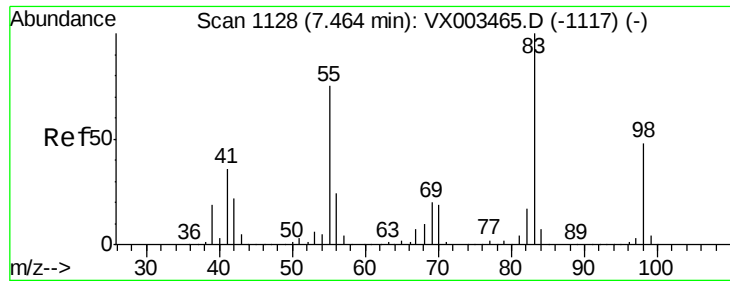
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#38
Carbon Tetrachloride
Concen: 55.093 ug/l
RT: 5.79 min Scan# 853
Delta R.T. 0.01 min
Lab File: VX003543.D
Acq: 21 Jul 2018 07:06

Tgt Ion	Ratio	Lower	Upper
117	100		
119	84.7	77.4	116.0
121	29.3	24.4	36.6





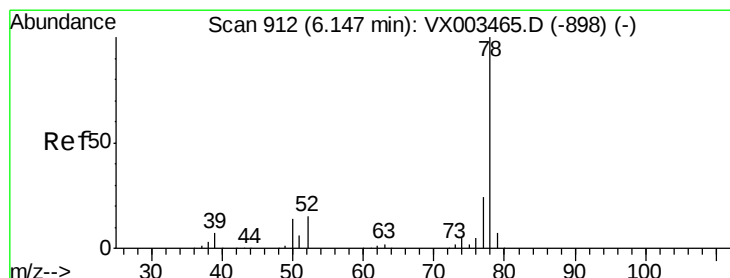
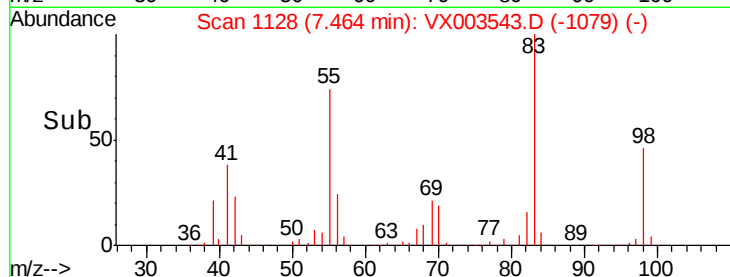
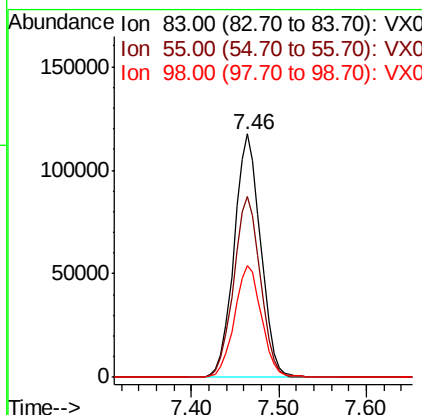
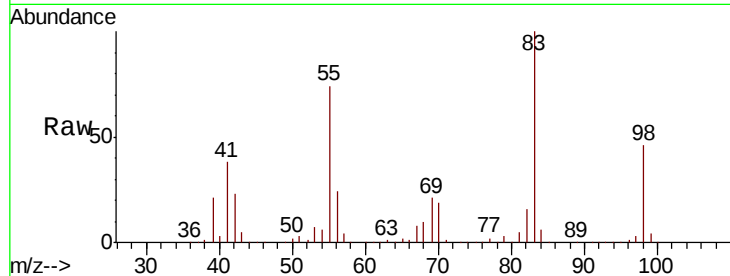
#39
Methylcyclohexane
Concen: 48.315 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. 0.00 min
Lab File: VX003543.D
Acq: 21 Jul 2018 07:06

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Resp Lower	Upper
83	100		
55	74.5	65.4	98.0
98	45.8	37.4	56.0

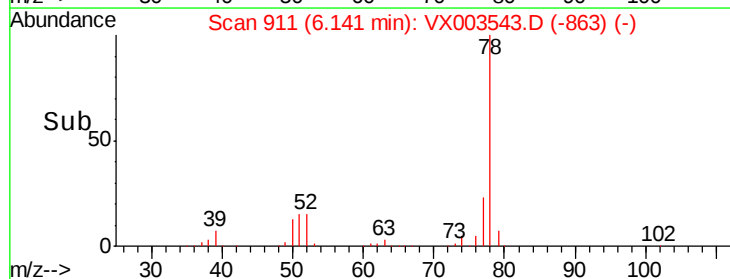
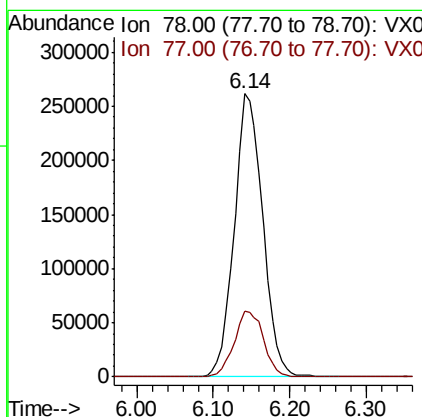
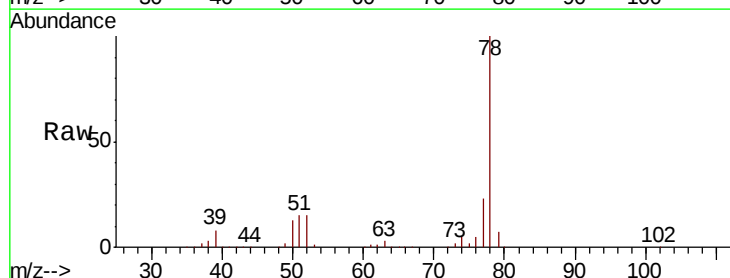
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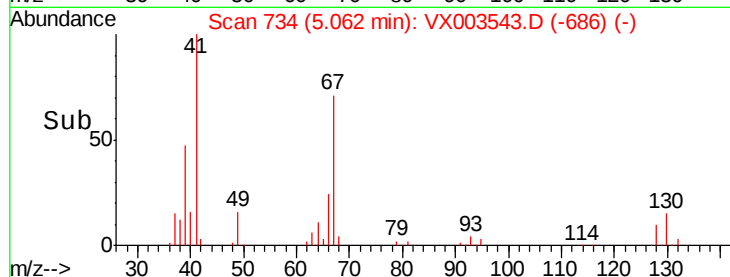
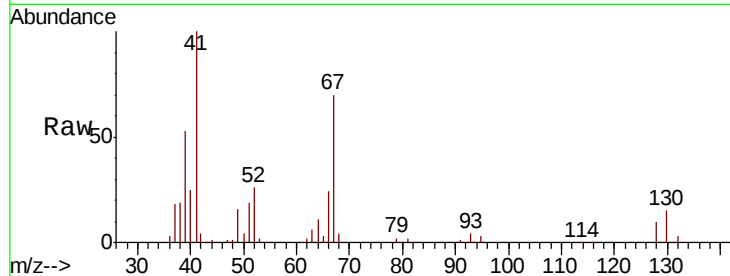
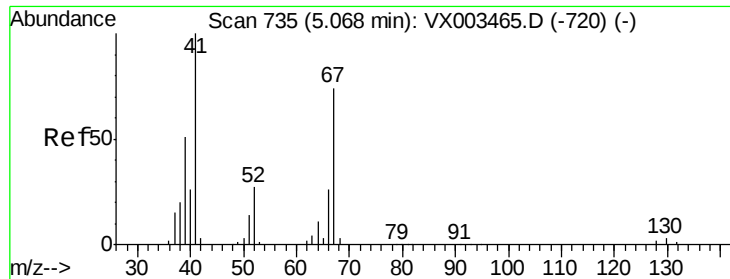
MMDadoda
7/23/2018 12:36:28 PM



#40
Benzene
Concen: 51.551 ug/l
RT: 6.14 min Scan# 911
Delta R.T. -0.01 min
Lab File: VX003543.D
Acq: 21 Jul 2018 07:06

Tgt Ion	Ratio	Resp Lower	Upper
78	100		
77	23.1	19.1	28.7





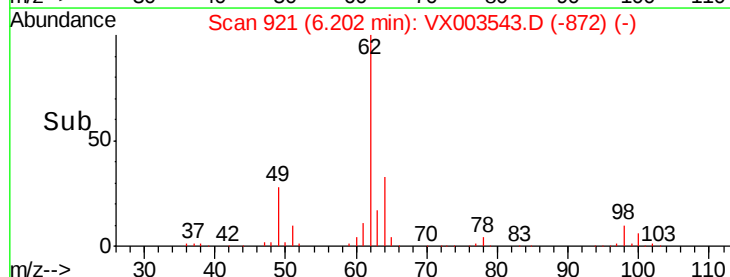
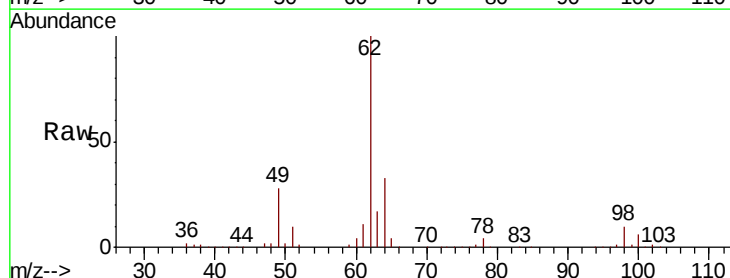
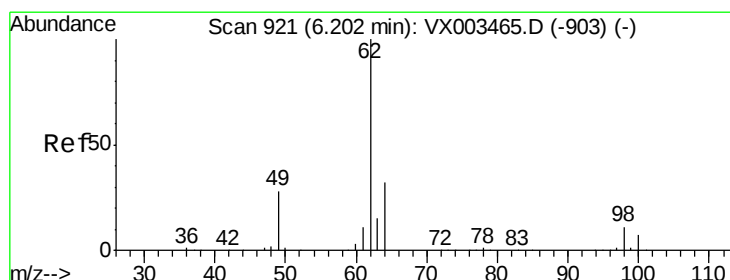
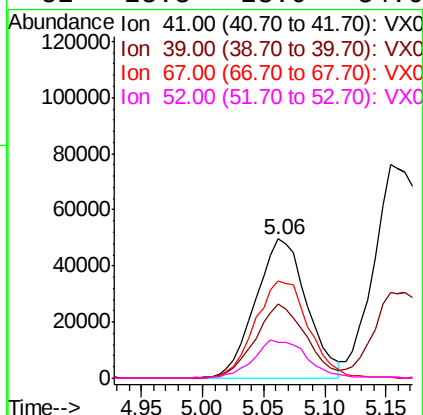
#41
Methacrylonitrile
Concen: 60.193 ug/l
RT: 5.06 min Scan# 734
Delta R.T. -0.01 min
Lab File: VX003543.D
Acq: 21 Jul 2018 07:06

Tgt Ion	Ratio	Lower	Upper
41	100		
39	52.3	45.8	68.6
67	73.1	51.3	76.9
52	28.3	23.0	34.6

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

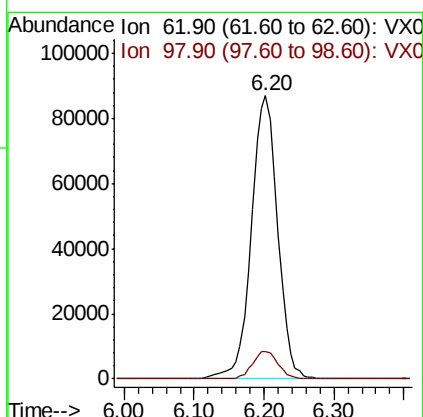
Manual Integrations
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7/23/2018 12:36:28 PM



#42
1,2-Dichloroethane
Concen: 55.085 ug/l
RT: 6.20 min Scan# 921
Delta R.T. 0.00 min
Lab File: VX003543.D
Acq: 21 Jul 2018 07:06

Tgt Ion	Ratio	Lower	Upper
62	100		
98	9.5	0.0	16.6





#43

Isopropyl Acetate

Concen: 54.605 ug/l

RT: 6.46 min Scan# 964

Delta R.T. 0.00 min

Lab File: VX003543.D

Acq: 21 Jul 2018 07:06

Instrument :

MSVOA_X

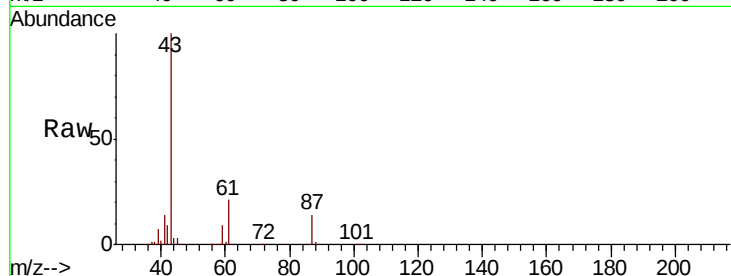
ClientSampleId :

VSTDCCC050EC

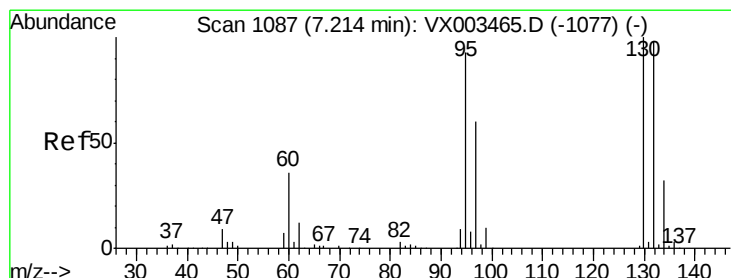
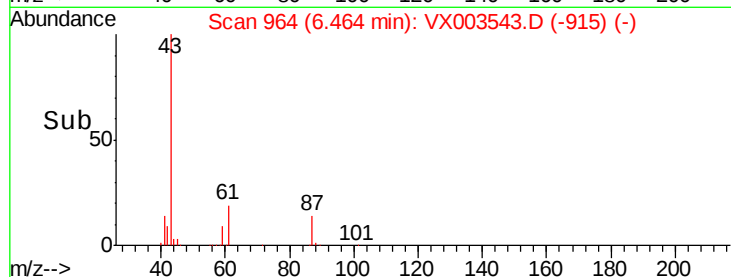
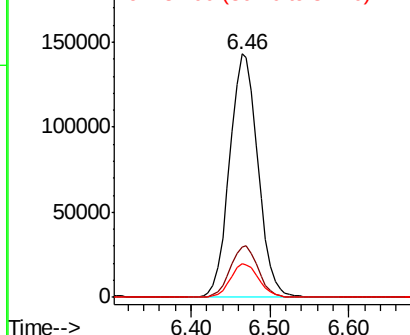
Tgt Ion:	43	Resp:	356143
Ion	Ratio	Lower	Upper
43	100		
61	21.0	14.4	21.6
87	13.9	9.5	14.3

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Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 61.00 (60.70 to 61.70): VX0
Ion 87.00 (86.70 to 87.70): VX0



#44

Trichloroethene

Concen: 52.224 ug/l

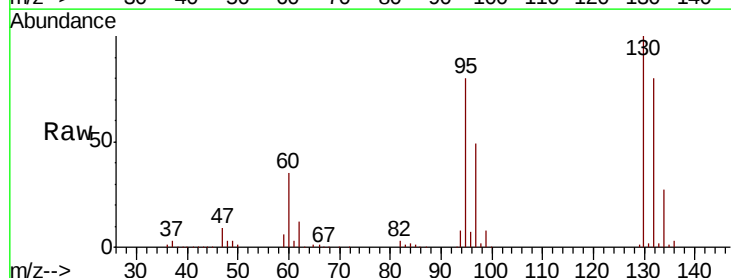
RT: 7.21 min Scan# 1086

Delta R.T. -0.01 min

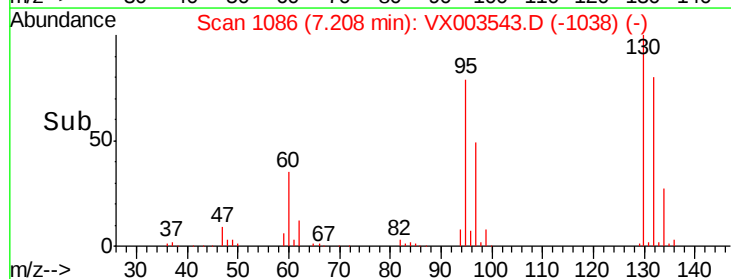
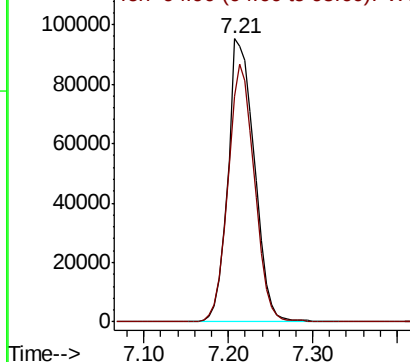
Lab File: VX003543.D

Acq: 21 Jul 2018 07:06

Tgt Ion:	130	Resp:	203743
Ion	Ratio	Lower	Upper
130	100		
95	79.6	0.0	185.4



Abundance Ion 129.80 (129.50 to 130.50): V
Ion 94.90 (94.60 to 95.60): VX0





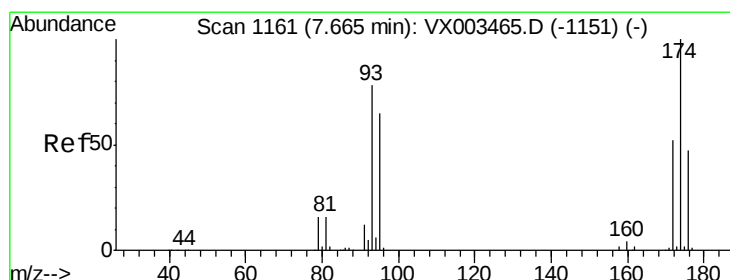
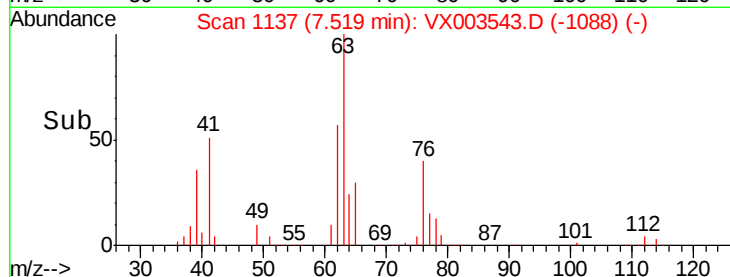
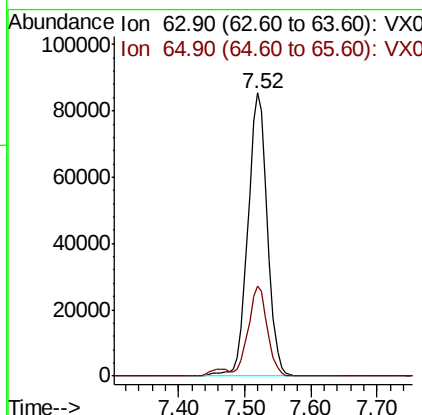
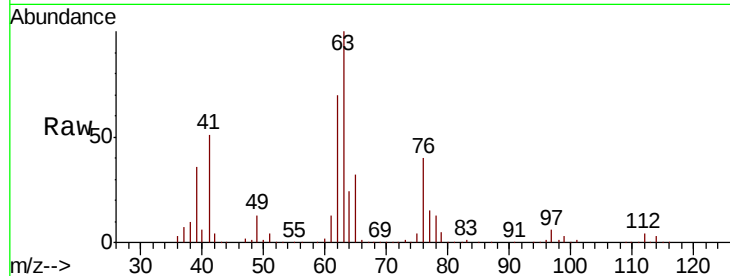
#45
 1,2-Dichloropropane
 Concen: 53.008 ug/l
 RT: 7.52 min Scan# 1137
 Delta R.T. 0.00 min
 Lab File: VX003543.D
 Acq: 21 Jul 2018 07:06

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 63 Resp: 176081
 Ion Ratio Lower Upper
 63 100
 65 31.8 24.7 37.1

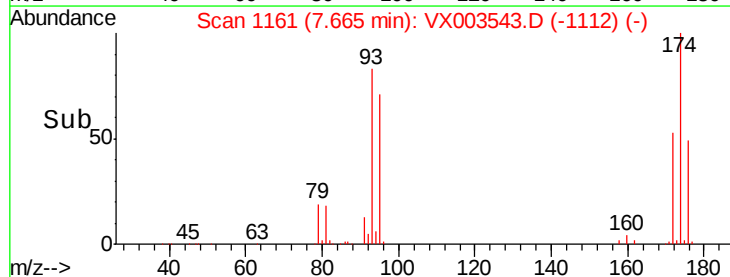
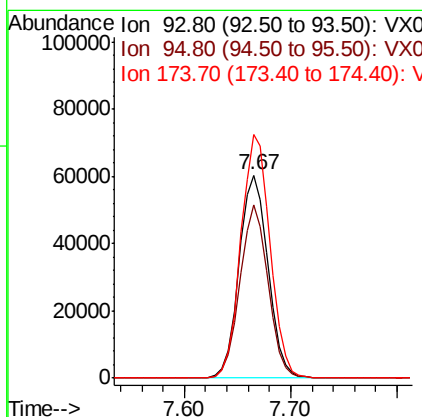
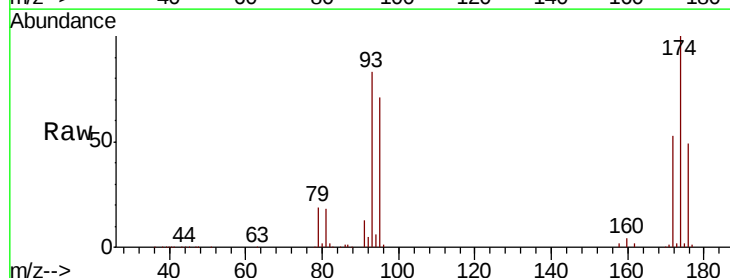
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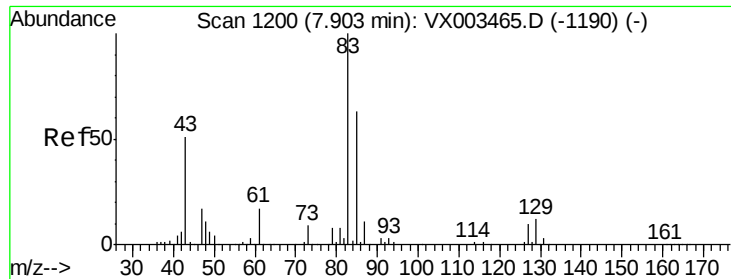
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#46
 Dibromomethane
 Concen: 53.971 ug/l
 RT: 7.67 min Scan# 1161
 Delta R.T. 0.00 min
 Lab File: VX003543.D
 Acq: 21 Jul 2018 07:06

Tgt Ion: 93 Resp: 115420
 Ion Ratio Lower Upper
 93 100
 95 83.1 65.9 98.9
 174 121.1 92.4 138.6





#47

Bromodichloromethane

Concen: 55.071 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. 0.00 min

Lab File: VX003543.D

Acq: 21 Jul 2018 07:06

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 83 Resp: 215605

Ion Ratio Lower Upper

83 100

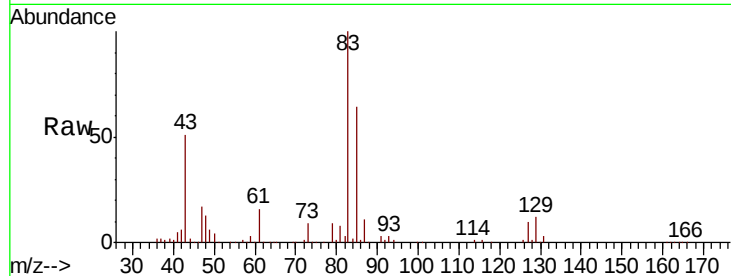
85 64.2 50.3 75.5

127 9.7 7.0 10.4

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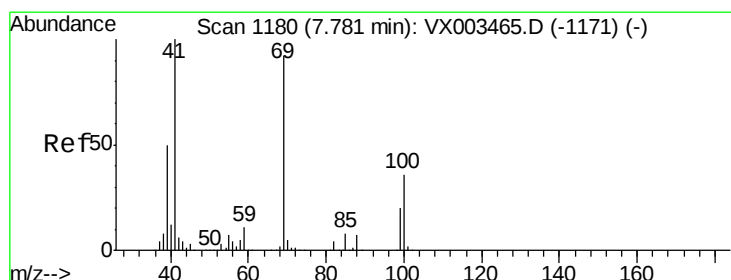
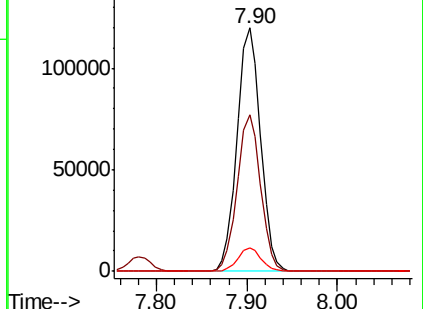
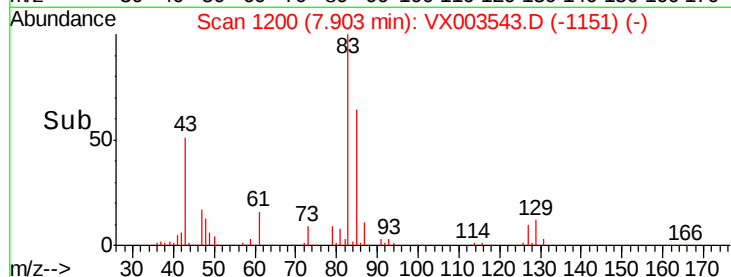
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Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 56.744 ug/l

RT: 7.78 min Scan# 1180

Delta R.T. 0.00 min

Lab File: VX003543.D

Acq: 21 Jul 2018 07:06

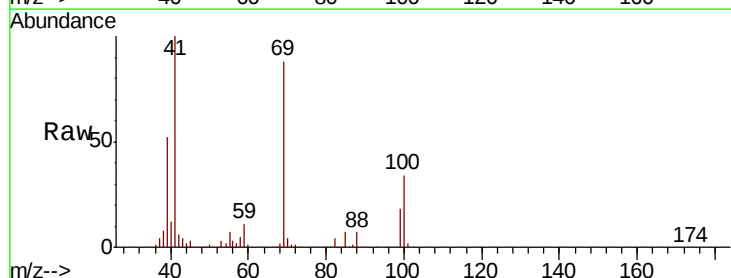
Tgt Ion: 41 Resp: 186636

Ion Ratio Lower Upper

41 100

69 87.1 59.1 88.7

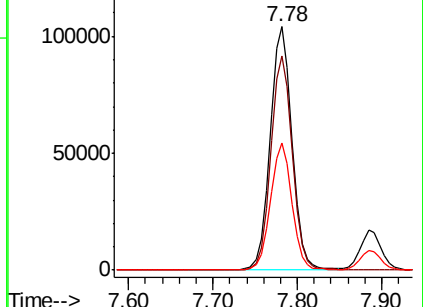
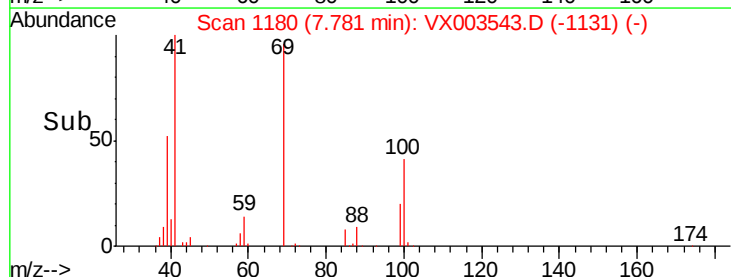
39 50.8 48.9 73.3

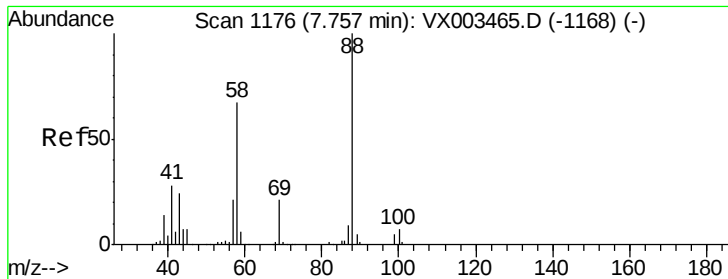


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





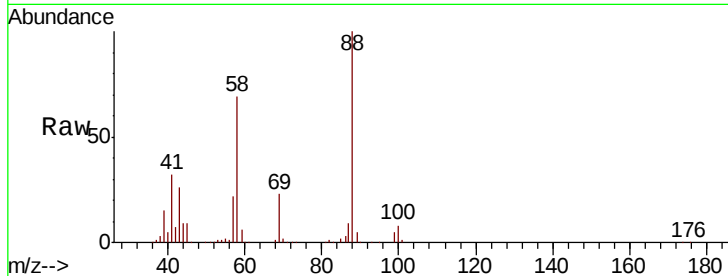
#49
1,4-Dioxane
Concen: 1073.041 ug/l
RT: 7.76 min Scan# 1176
Delta R.T. 0.00 min
Lab File: VX003543.D
Acq: 21 Jul 2018 07:06

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
88	100		
43	30.8	29.8	44.6
58	70.7	57.1	85.7

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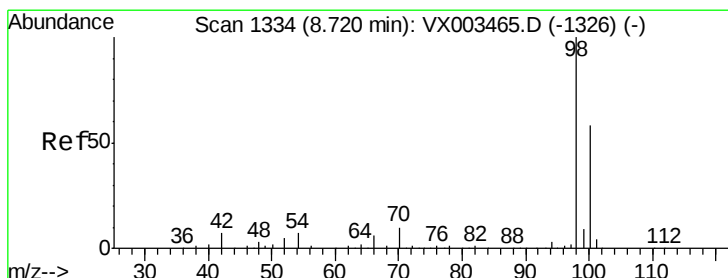
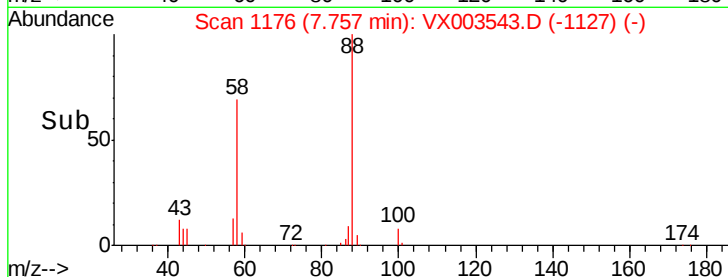
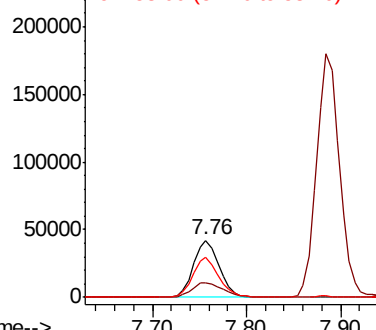


Abundance

Ion 88.00 (87.70 to 88.70): VX0

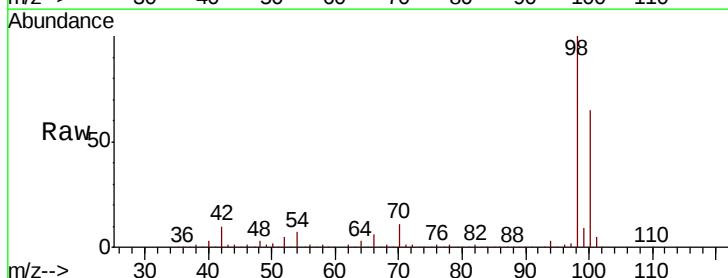
Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#50
Toluene-d8
Concen: 52.673 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX003543.D
Acq: 21 Jul 2018 07:06

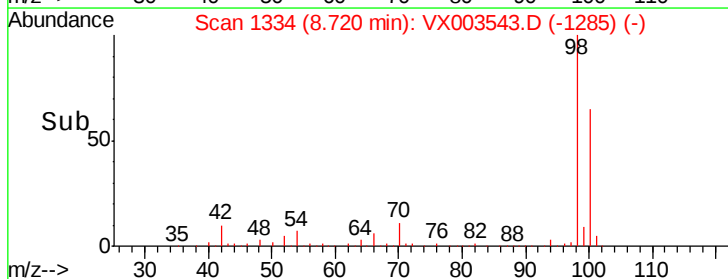
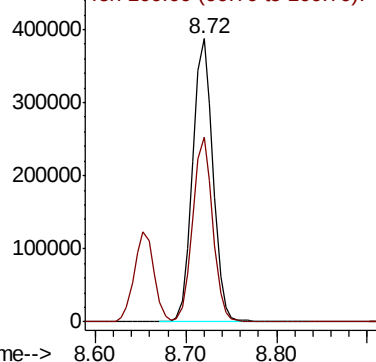
Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.8	50.9	76.3

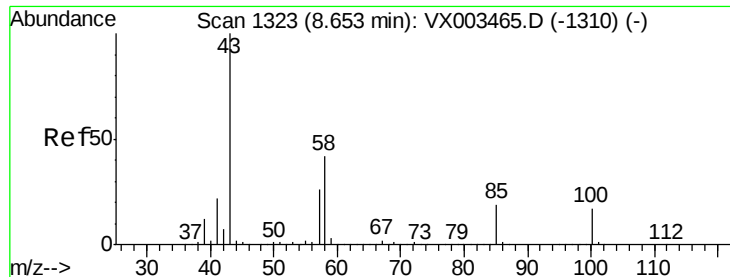


Abundance

Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





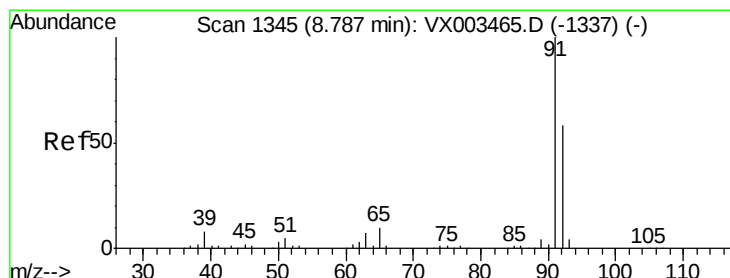
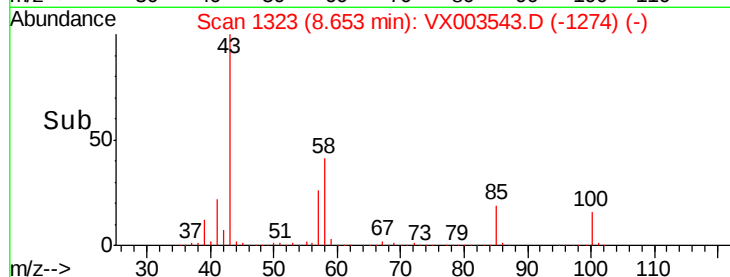
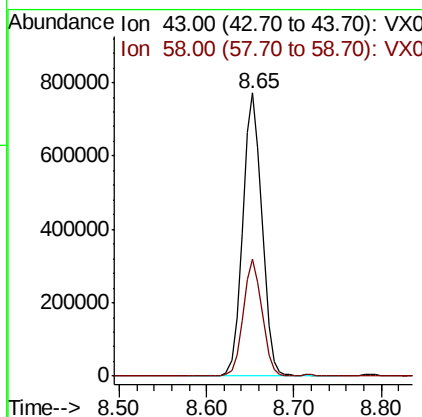
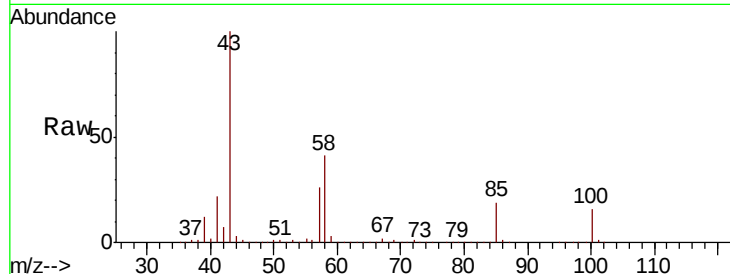
#51
4-Methyl-2-Pentanone
Concen: 286.175 ug/l
RT: 8.65 min Scan# 1323
Delta R.T. 0.00 min
Lab File: VX003543.D
Acq: 21 Jul 2018 07:06

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 1179150
Ion Ratio Lower Upper
43 100
58 40.1 28.6 42.8

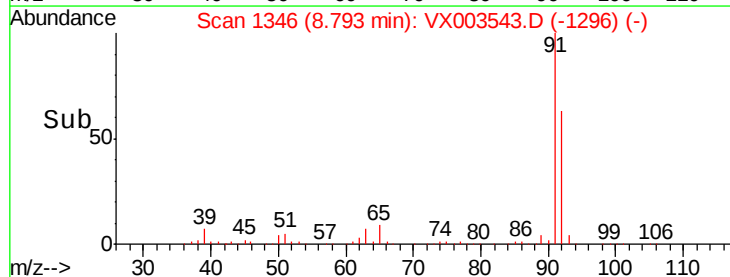
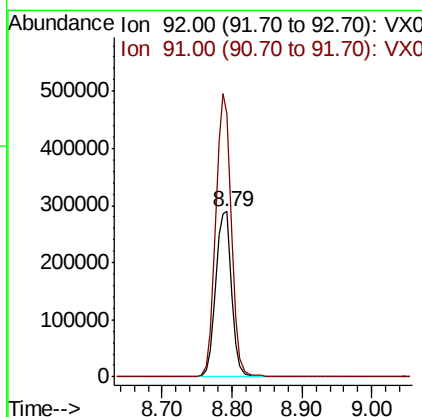
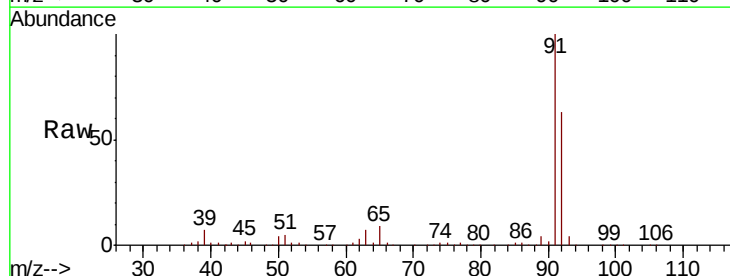
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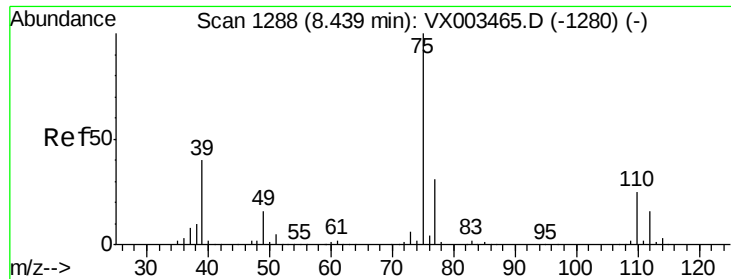
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#52
Toluene
Concen: 55.259 ug/l
RT: 8.79 min Scan# 1346
Delta R.T. 0.01 min
Lab File: VX003543.D
Acq: 21 Jul 2018 07:06

Tgt Ion: 92 Resp: 455036
Ion Ratio Lower Upper
92 100
91 168.4 140.4 210.6





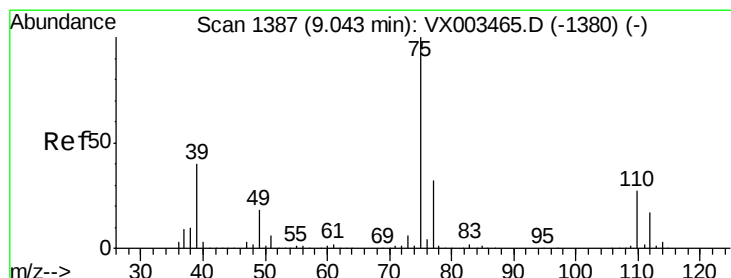
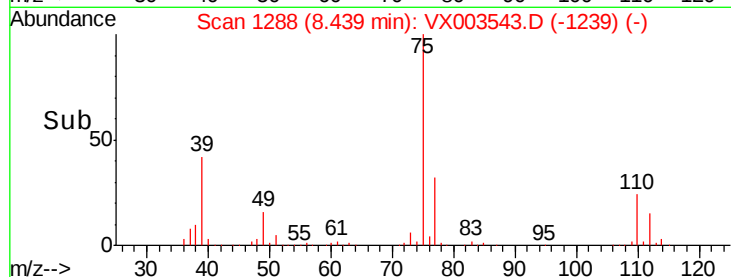
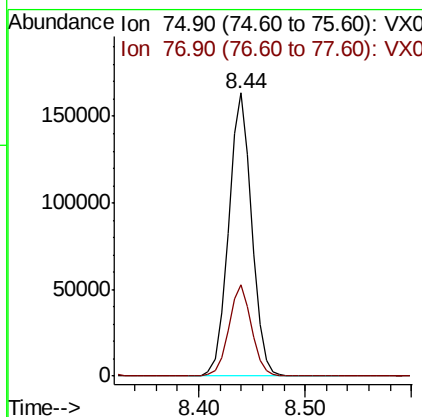
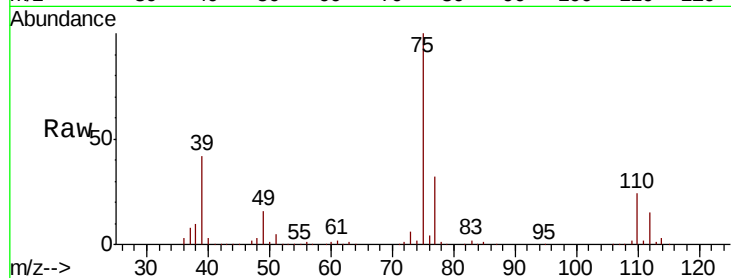
#53
t-1,3-Dichloropropene
Concen: 51.464 ug/l
RT: 8.44 min Scan# 1288
Delta R.T. 0.00 min
Lab File: VX003543.D
Acq: 21 Jul 2018 07:06

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 75 Resp: 247993
Ion Ratio Lower Upper
75 100
77 32.1 25.4 38.2

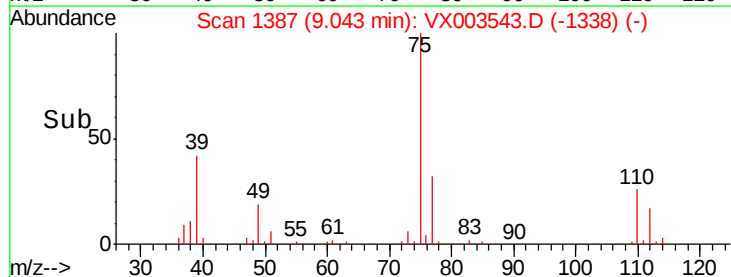
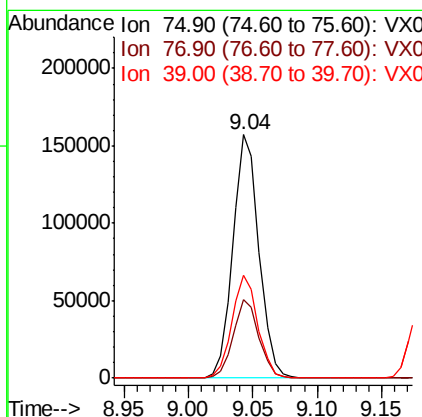
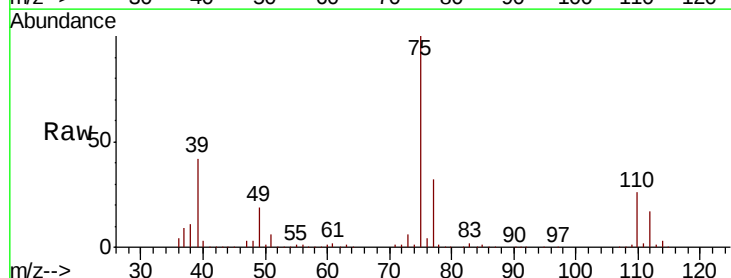
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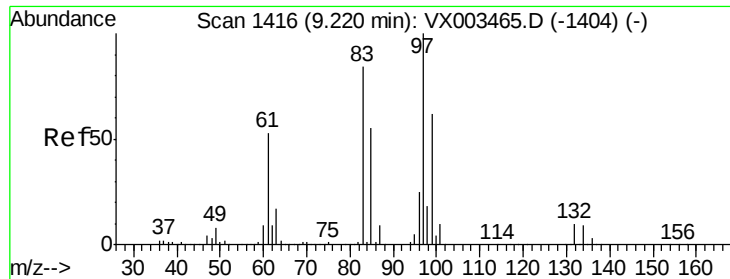
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#54
cis-1,3-Dichloropropene
Concen: 51.067 ug/l
RT: 9.04 min Scan# 1387
Delta R.T. 0.00 min
Lab File: VX003543.D
Acq: 21 Jul 2018 07:06

Tgt Ion: 75 Resp: 221296
Ion Ratio Lower Upper
75 100
77 32.1 24.8 37.2
39 42.2 42.4 63.6#





#55

1,1,2-Trichloroethane

Concen: 59.038 ug/l

RT: 9.22 min Scan# 1416

Delta R.T. 0.00 min

Lab File: VX003543.D

Acq: 21 Jul 2018 07:06

Instrument :

MSVOA_X

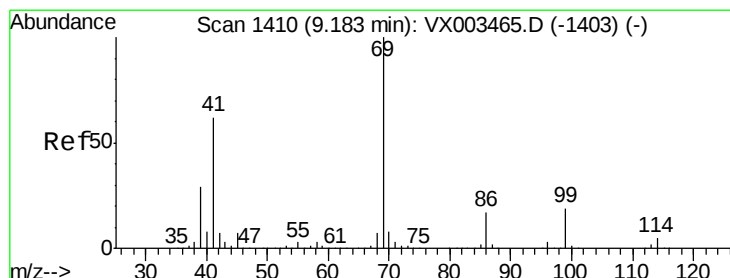
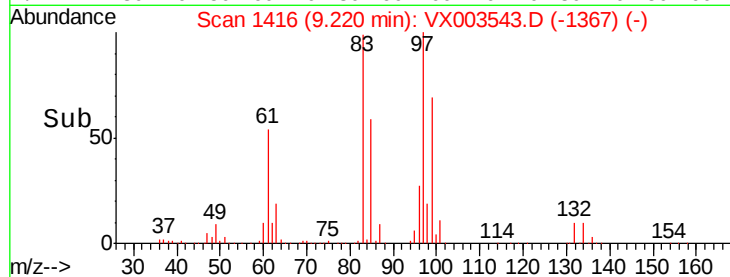
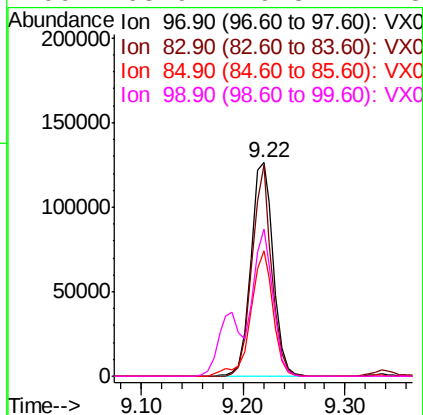
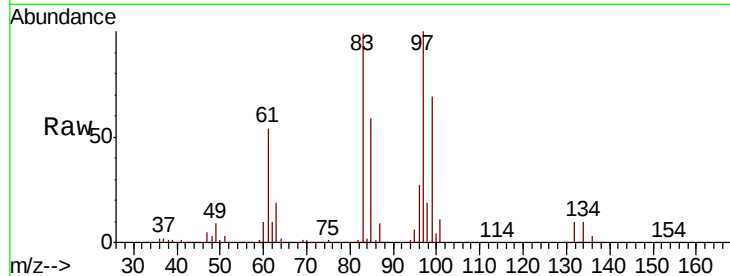
ClientSampleId :

VSTDCCC050EC

Tgt Ion:	97	Resp:	193450
Ion	Ratio	Lower	Upper
97	100		
83	99.0	70.2	105.2
85	59.0	44.9	67.3
99	68.9	49.8	74.8

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#56

Ethyl methacrylate

Concen: 61.822 ug/l

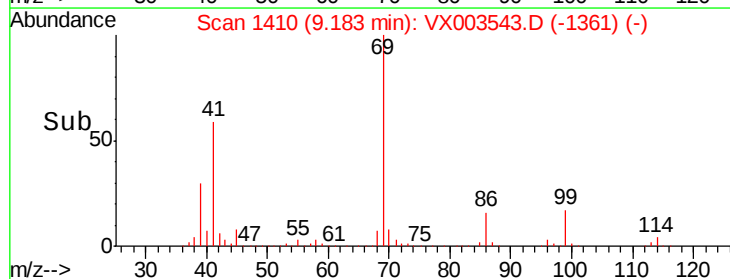
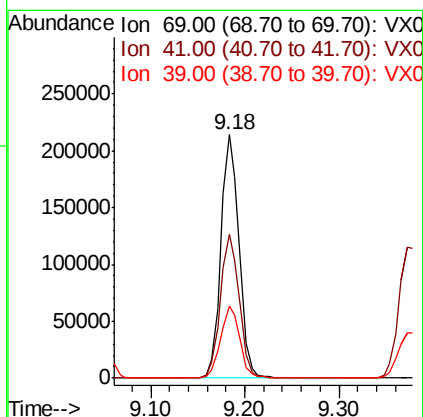
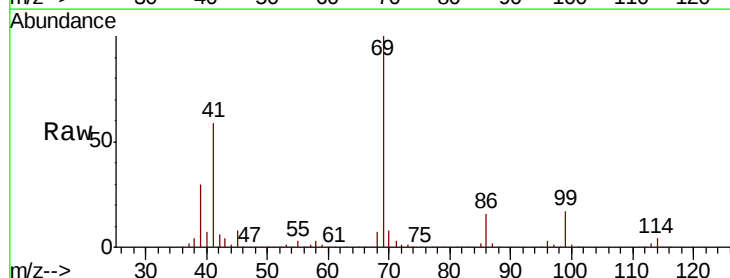
RT: 9.18 min Scan# 1410

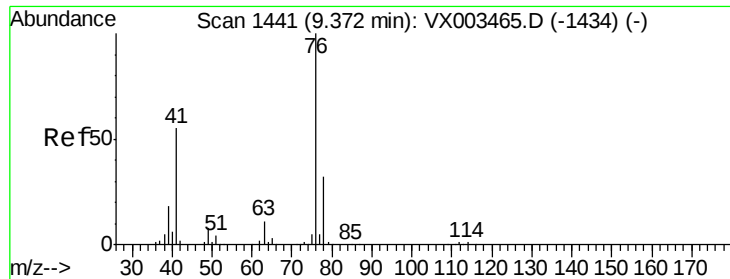
Delta R.T. 0.00 min

Lab File: VX003543.D

Acq: 21 Jul 2018 07:06

Tgt Ion:	69	Resp:	285325
Ion	Ratio	Lower	Upper
69	100		
41	61.4	60.3	90.5
39	31.0	35.8	53.8#





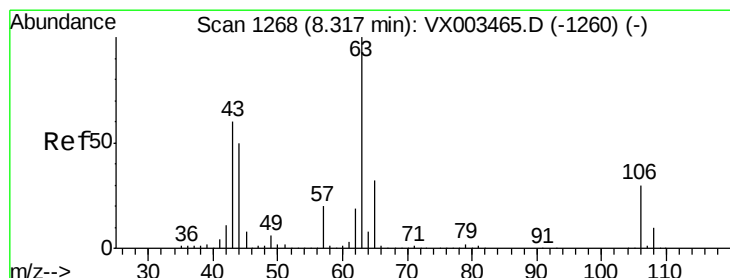
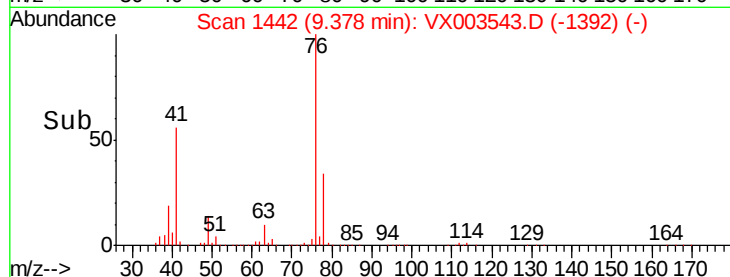
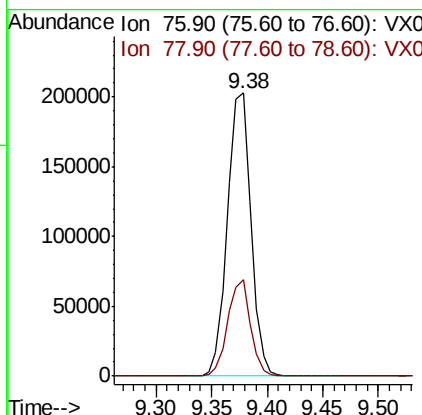
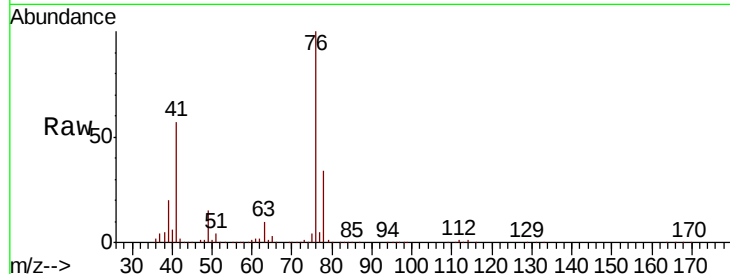
#57
 1,3-Dichloropropane
 Concen: 56.307 ug/l
 RT: 9.38 min Scan# 1442
 Delta R.T. 0.01 min
 Lab File: VX003543.D
 Acq: 21 Jul 2018 07:06

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 76 Resp: 298236
 Ion Ratio Lower Upper
 76 100
 78 32.8 25.8 38.6

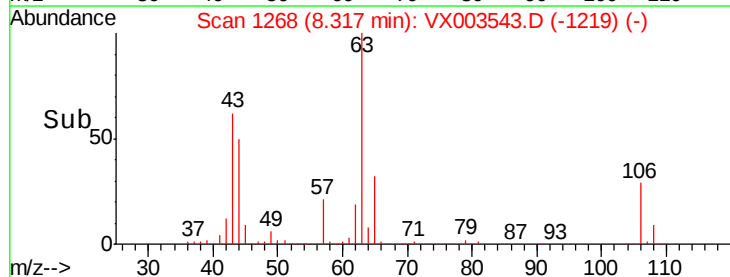
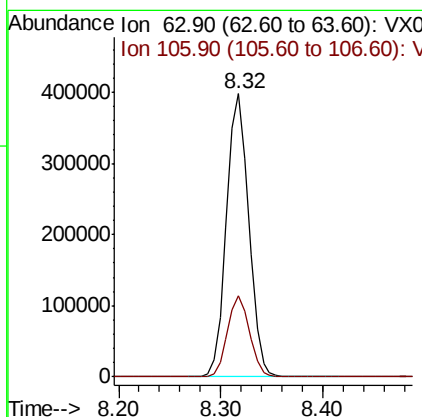
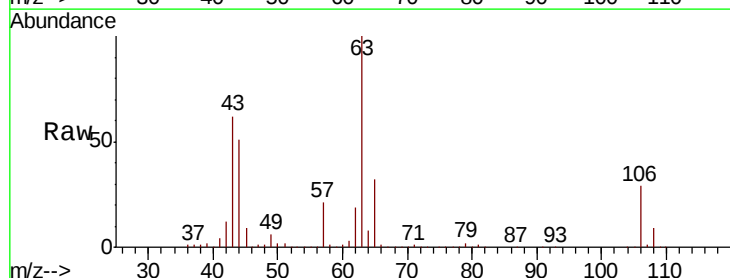
Manual Integrations
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#58
 2-Chloroethyl Vinyl ether
 Concen: 267.794 ug/l
 RT: 8.32 min Scan# 1268
 Delta R.T. 0.00 min
 Lab File: VX003543.D
 Acq: 21 Jul 2018 07:06

Tgt Ion: 63 Resp: 600974
 Ion Ratio Lower Upper
 63 100
 106 28.5 21.8 32.8





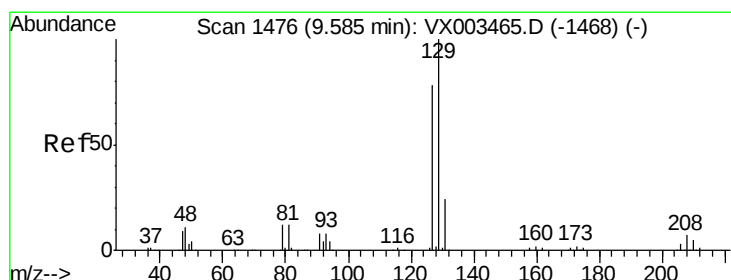
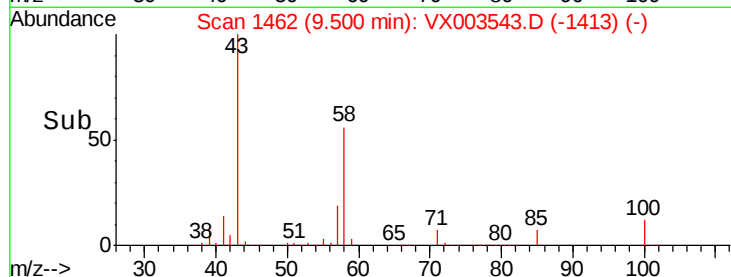
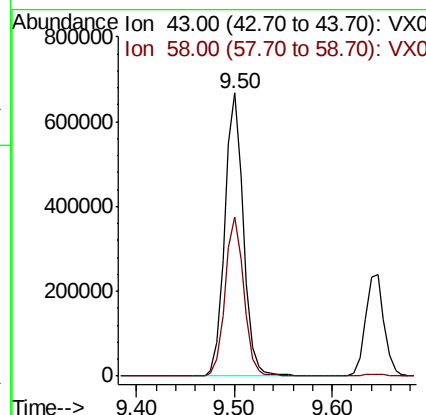
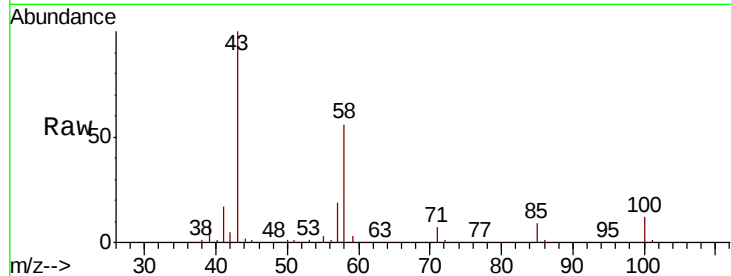
#59
2-Hexanone
Concen: 287.746 ug/l
RT: 9.50 min Scan# 1462
Delta R.T. 0.00 min
Lab File: VX003543.D
Acq: 21 Jul 2018 07:06

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 878450
Ion Ratio Lower Upper
43 100
58 57.1 24.6 73.6

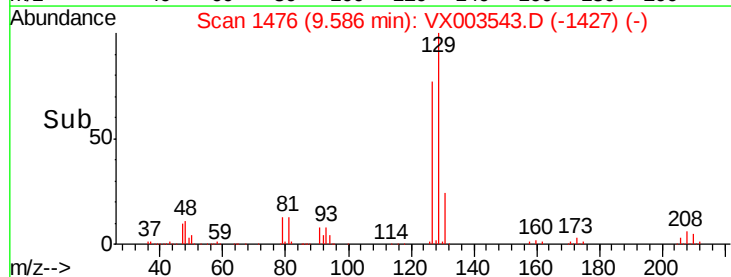
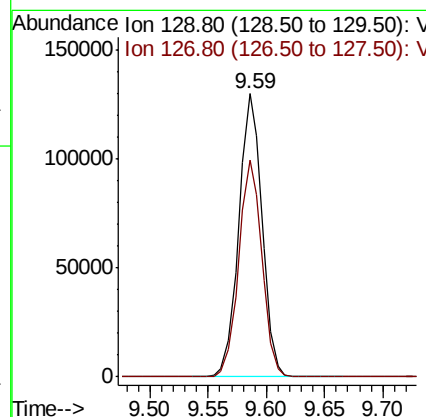
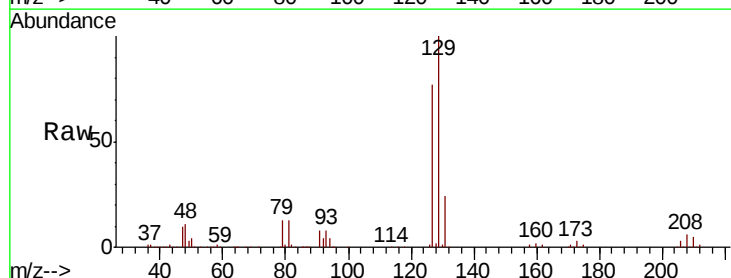
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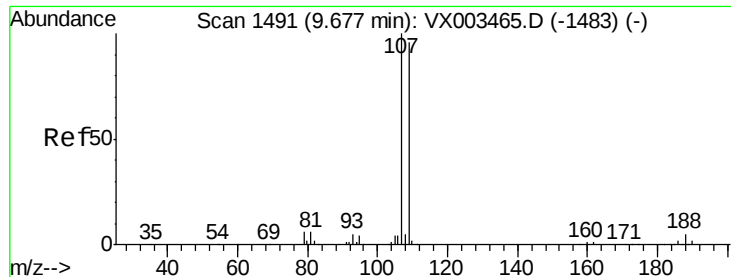
MMDadoda
7/23/2018 12:36:28 PM



#60
Dibromochloromethane
Concen: 55.675 ug/l
RT: 9.59 min Scan# 1476
Delta R.T. 0.00 min
Lab File: VX003543.D
Acq: 21 Jul 2018 07:06

Tgt Ion: 129 Resp: 180573
Ion Ratio Lower Upper
129 100
127 76.3 38.5 115.3





#61

1,2-Dibromoethane

Concen: 54.029 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. 0.00 min

Lab File: VX003543.D

Acq: 21 Jul 2018 07:06

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 107 Resp: 183524

Ion Ratio Lower Upper

107 100

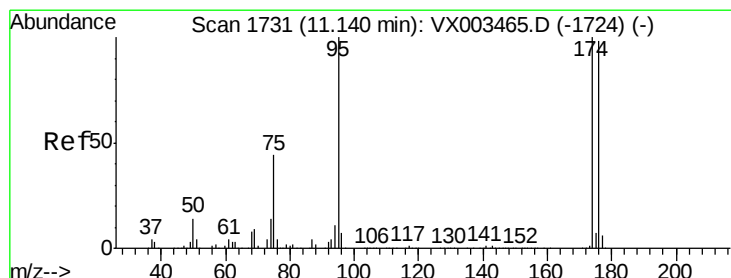
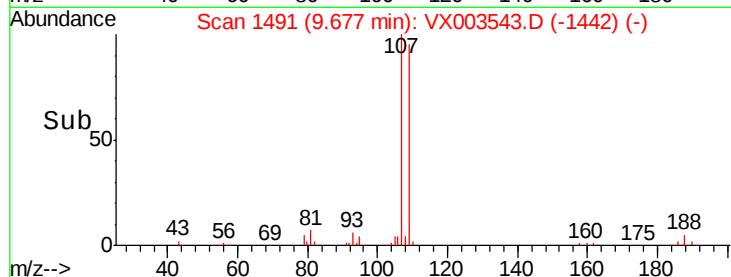
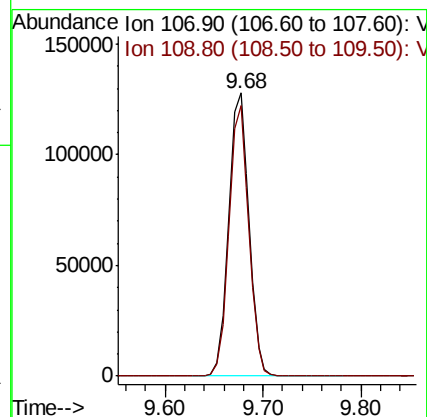
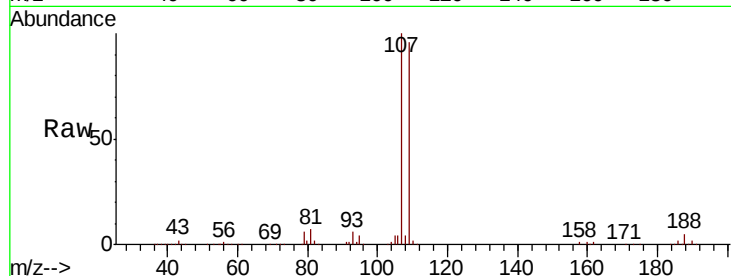
109 93.6 75.3 112.9

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7/23/2018 12:36:28 PM



#62

4-Bromofluorobenzene

Concen: 53.017 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX003543.D

Acq: 21 Jul 2018 07:06

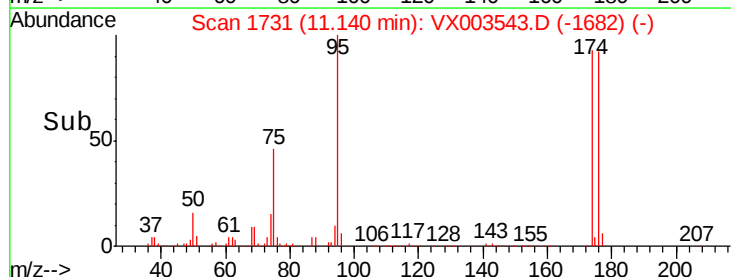
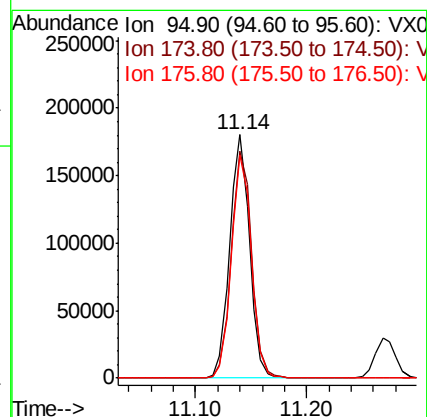
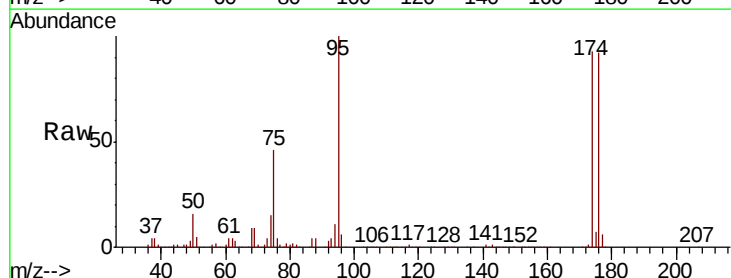
Tgt Ion: 95 Resp: 222288

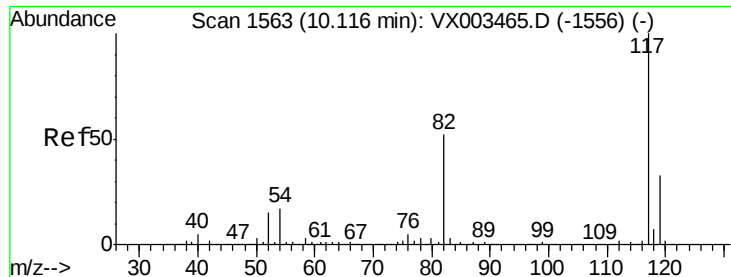
Ion Ratio Lower Upper

95 100

174 95.8 0.0 187.4

176 92.5 0.0 181.0





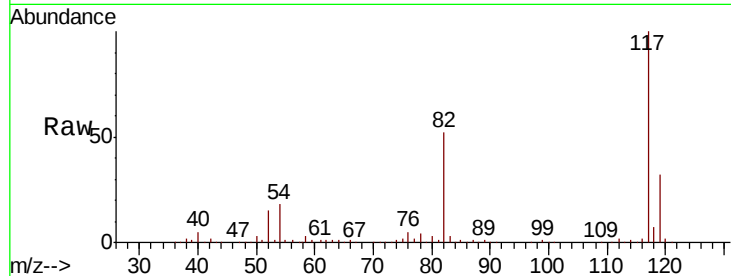
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. 0.00 min
Lab File: VX003543.D
Acq: 21 Jul 2018 07:06

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

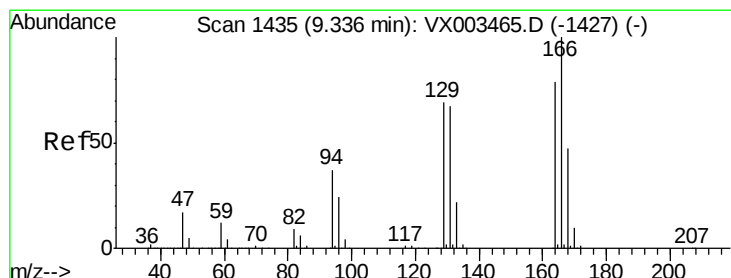
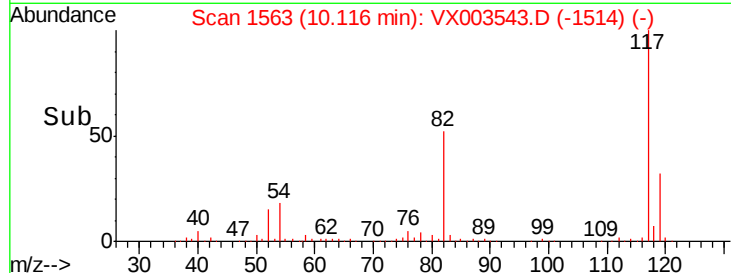
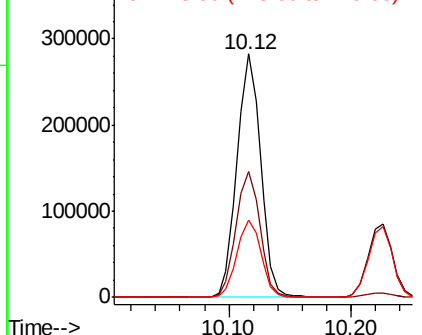
Tgt Ion	Ratio	Lower	Upper
117	100		
82	51.8	45.0	67.4
119	31.9	25.8	38.6

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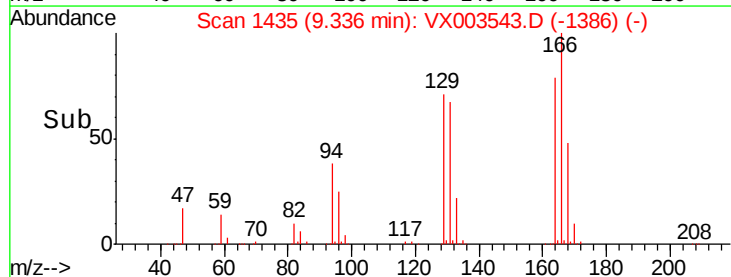
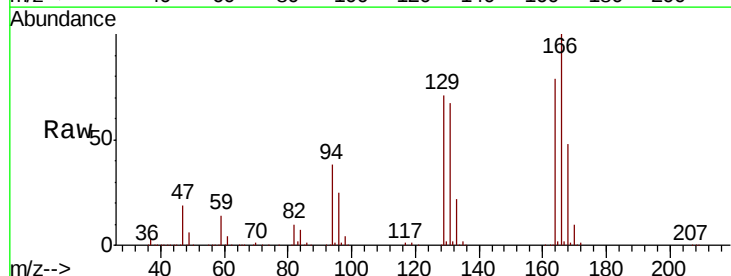
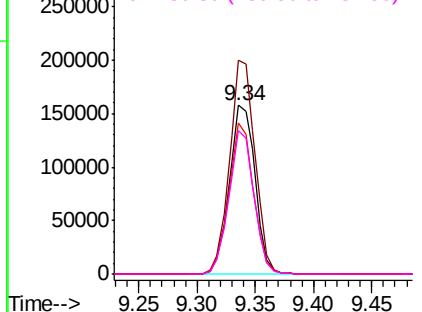
Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

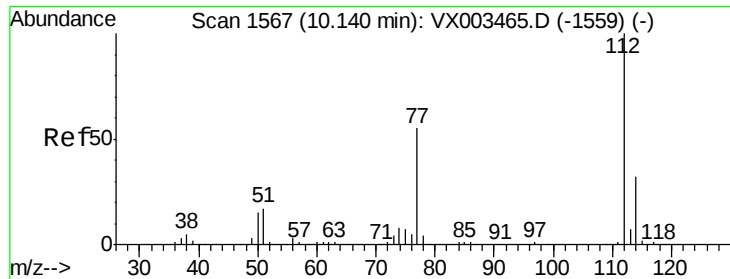


#64
Tetrachloroethene
Concen: 52.468 ug/l
RT: 9.34 min Scan# 1435
Delta R.T. 0.00 min
Lab File: VX003543.D
Acq: 21 Jul 2018 07:06

Tgt Ion	Ratio	Lower	Upper
164	100		
166	126.8	102.9	154.3
129	89.7	68.6	102.8
131	85.2	66.8	100.2

Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V





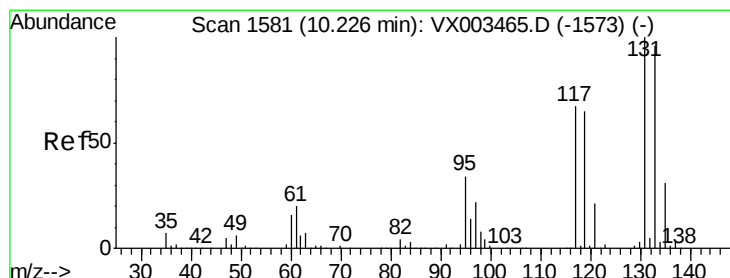
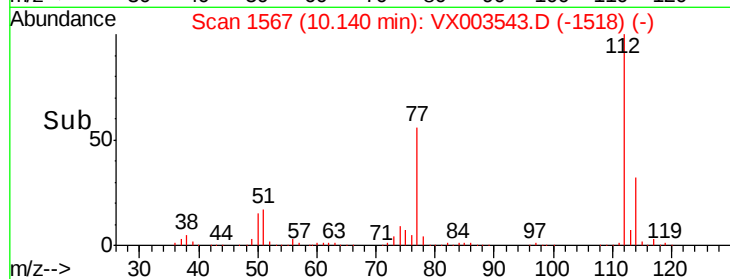
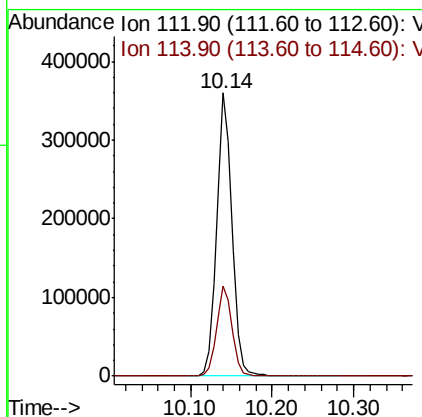
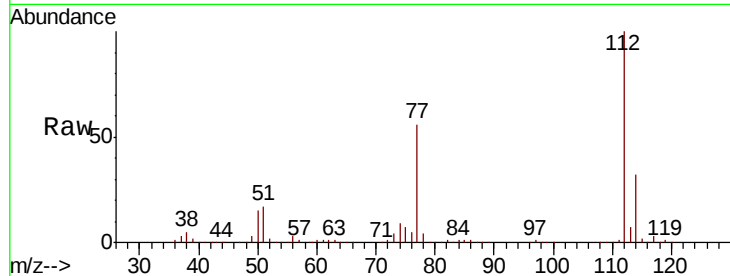
#65
Chlorobenzene
Concen: 49.410 ug/l
RT: 10.14 min Scan# 1567
Delta R.T. 0.00 min
Lab File: VX003543.D
Acq: 21 Jul 2018 07:06

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:112 Resp: 483008
Ion Ratio Lower Upper
112 100
114 32.0 25.3 37.9

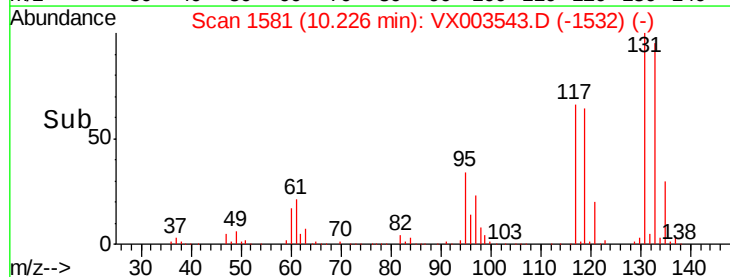
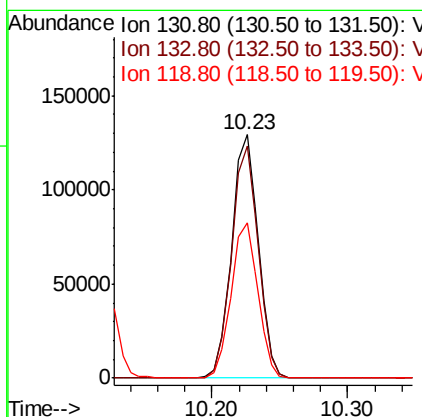
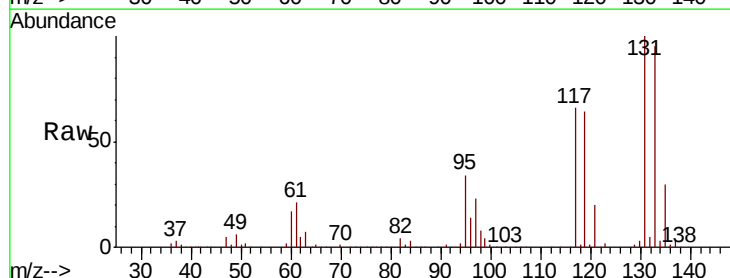
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#66
1,1,1,2-Tetrachloroethane
Concen: 52.301 ug/l
RT: 10.23 min Scan# 1581
Delta R.T. 0.00 min
Lab File: VX003543.D
Acq: 21 Jul 2018 07:06

Tgt Ion:131 Resp: 175909
Ion Ratio Lower Upper
131 100
133 95.5 47.9 143.6
119 64.4 31.8 95.3





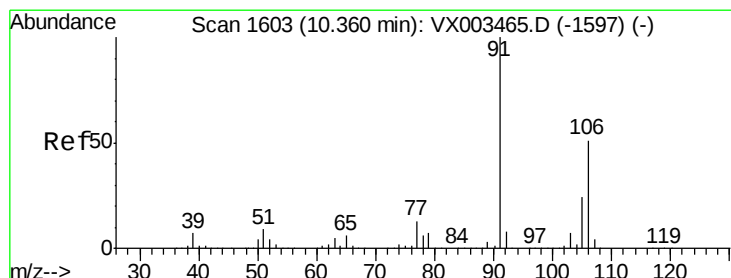
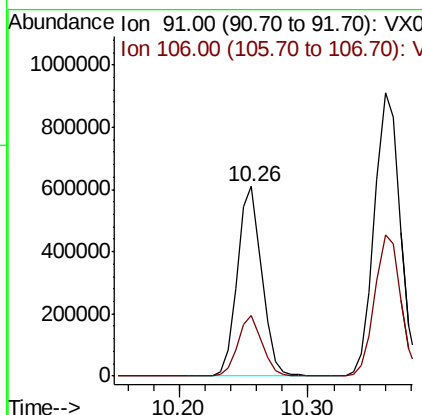
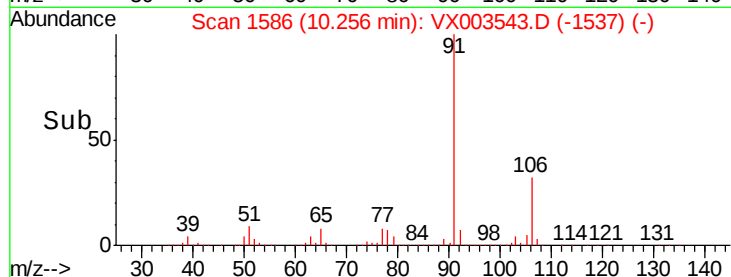
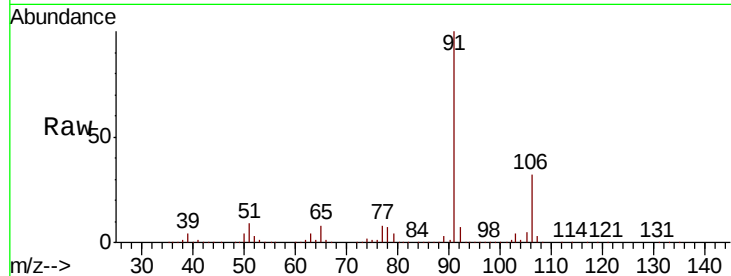
#67
Ethyl Benzene
Concen: 51.199 ug/l
RT: 10.26 min Scan# 1586
Delta R.T. 0.00 min
Lab File: VX003543.D
Acq: 21 Jul 2018 07:06

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 804730
Ion Ratio Lower Upper
91 100
106 32.1 25.5 38.3

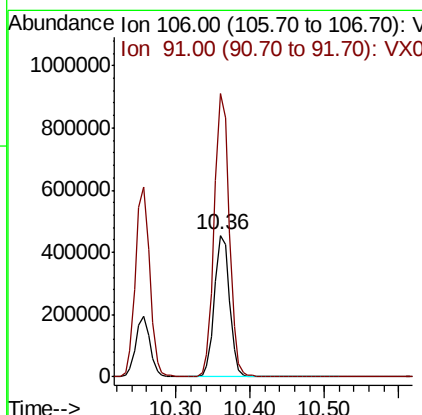
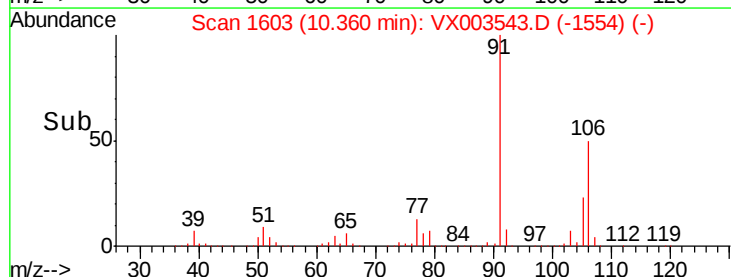
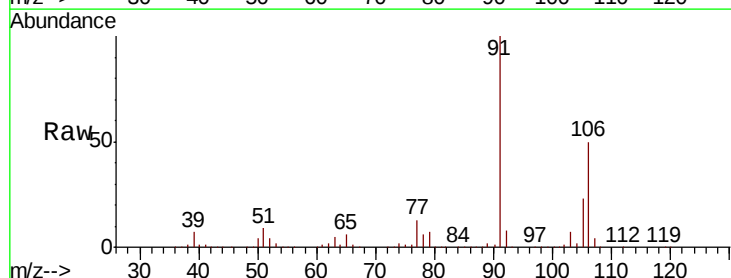
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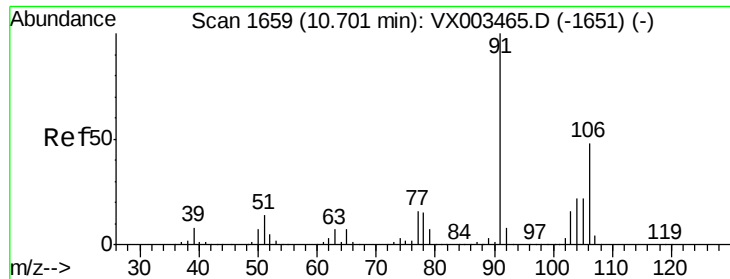
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7/23/2018 12:36:28 PM



#68
m/p-Xylenes
Concen: 102.519 ug/l
RT: 10.36 min Scan# 1603
Delta R.T. 0.00 min
Lab File: VX003543.D
Acq: 21 Jul 2018 07:06

Tgt Ion: 106 Resp: 631719
Ion Ratio Lower Upper
106 100
91 198.9 163.4 245.2





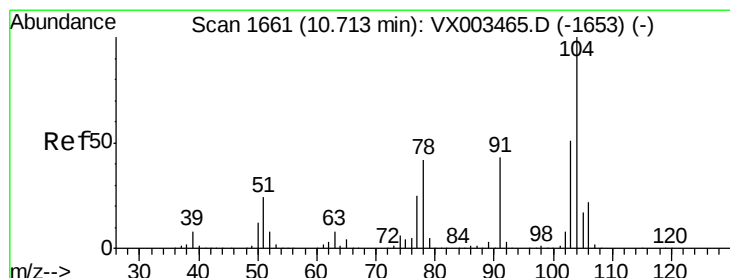
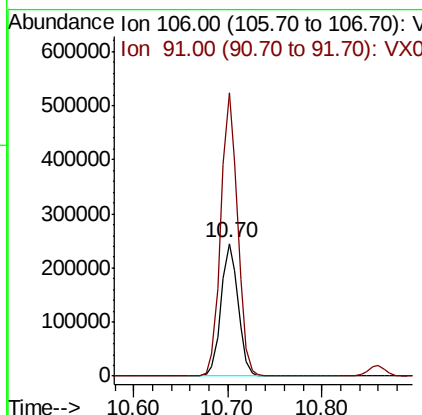
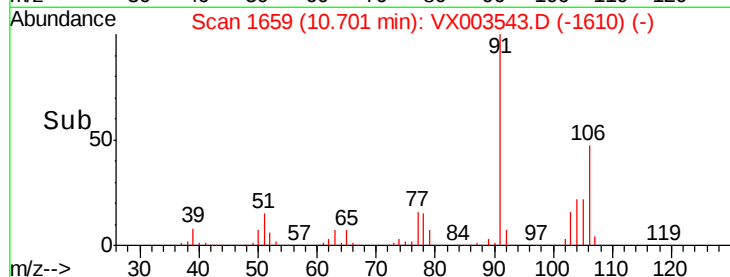
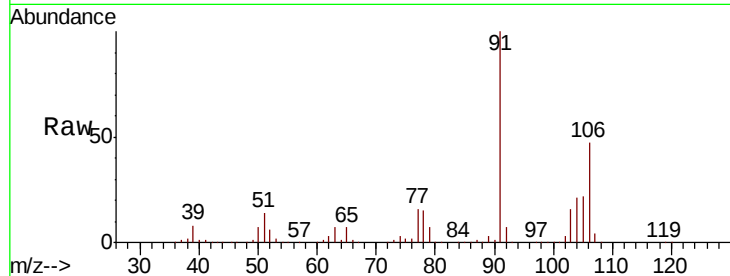
#69
o-Xylene
Concen: 51.721 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. 0.00 min
Lab File: VX003543.D
Acq: 21 Jul 2018 07:06

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:106 Resp: 308186
Ion Ratio Lower Upper
106 100
91 210.6 108.2 324.6

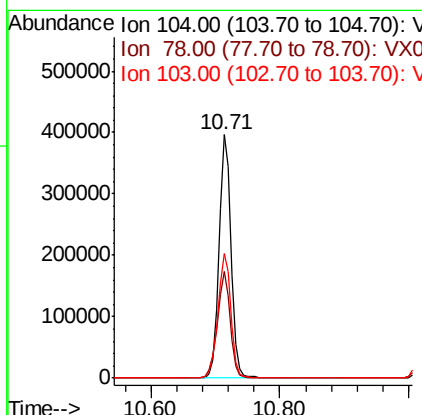
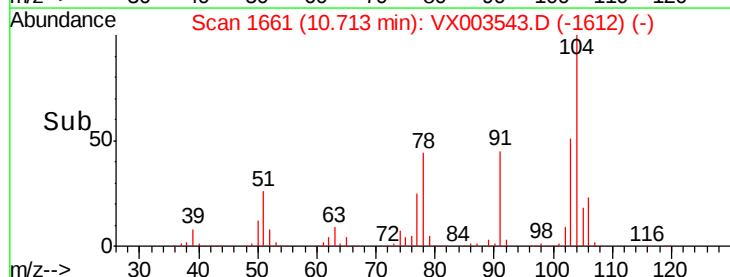
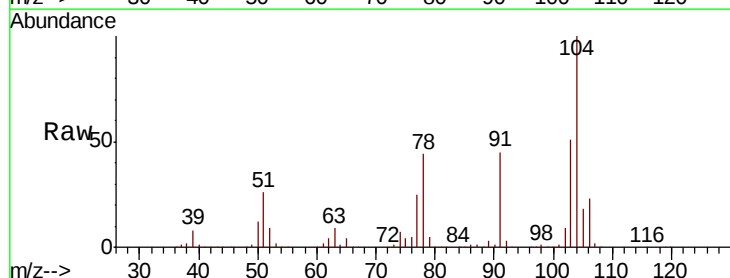
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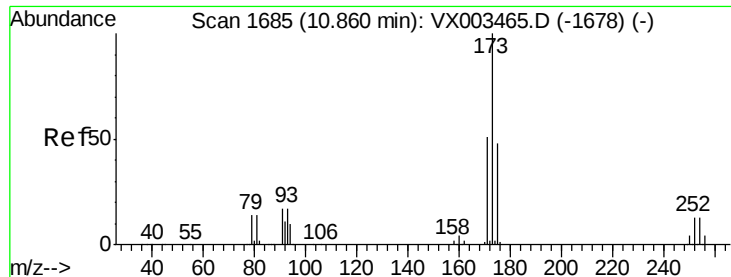
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7/23/2018 12:36:28 PM



#70
Styrene
Concen: 53.139 ug/l
RT: 10.71 min Scan# 1661
Delta R.T. 0.00 min
Lab File: VX003543.D
Acq: 21 Jul 2018 07:06

Tgt Ion:104 Resp: 520828
Ion Ratio Lower Upper
104 100
78 47.1 41.0 61.6
103 55.4 44.2 66.4





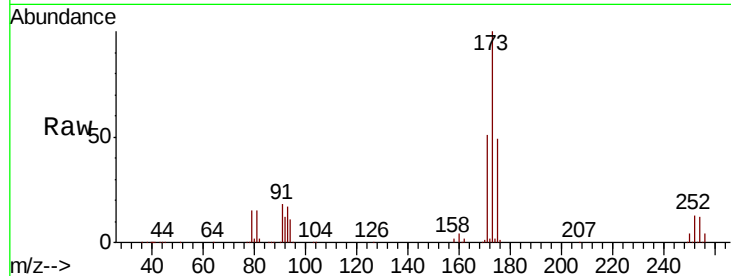
#71
Bromoform
Concen: 54.375 ug/l
RT: 10.86 min Scan# 1685
Delta R.T. 0.00 min
Lab File: VX003543.D
Acq: 21 Jul 2018 07:06

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
173	100		
175	49.0	24.7	74.1
254	0.2	0.2	0.2

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7/23/2018 12:36:28 PM

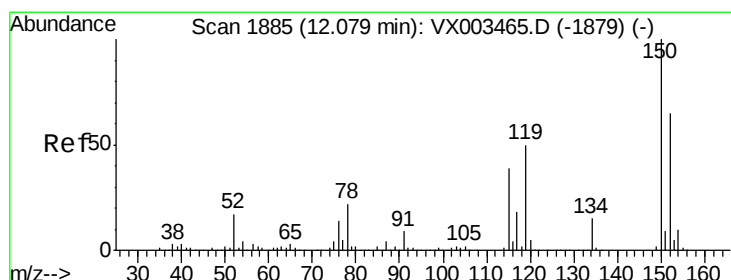
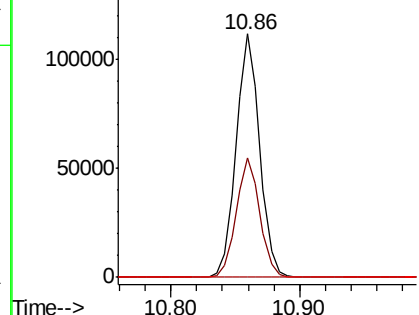
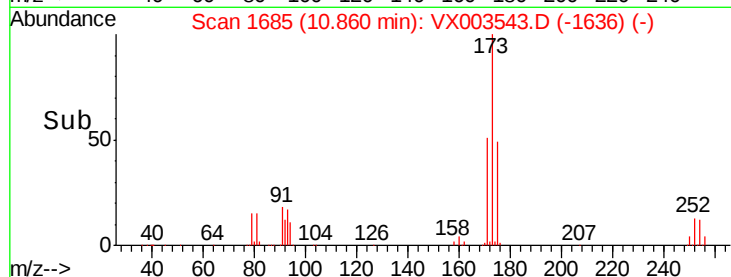


Abundance

Ion 172.70 (172.40 to 173.40): V

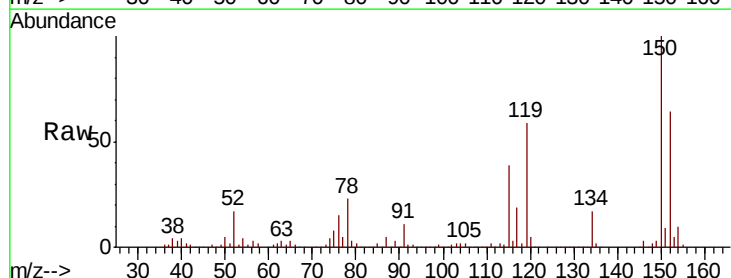
Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1885
Delta R.T. 0.00 min
Lab File: VX003543.D
Acq: 21 Jul 2018 07:06

Tgt Ion	Ratio	Lower	Upper
152	100		
115	76.6	40.1	120.2
150	175.7	0.0	347.2

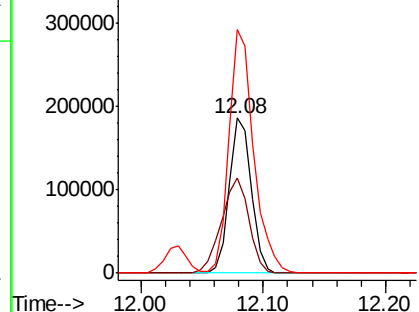
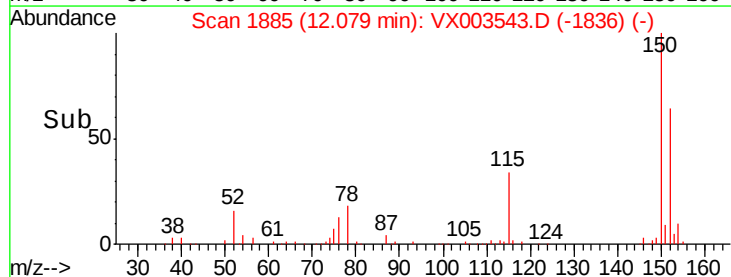


Abundance

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: 51.381 ug/l

RT: 11.02 min Scan# 1711

Delta R.T. 0.00 min

Lab File: VX003543.D

Acq: 21 Jul 2018 07:06

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 105 Resp: 822362

Ion Ratio Lower Upper

105 100

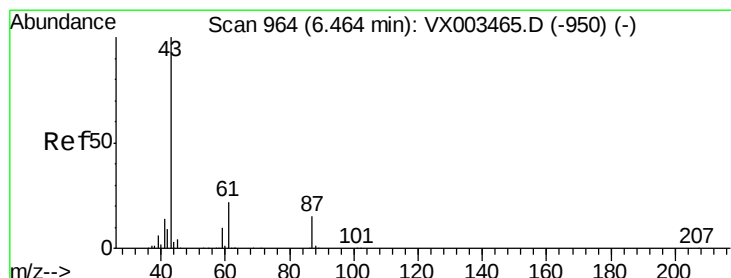
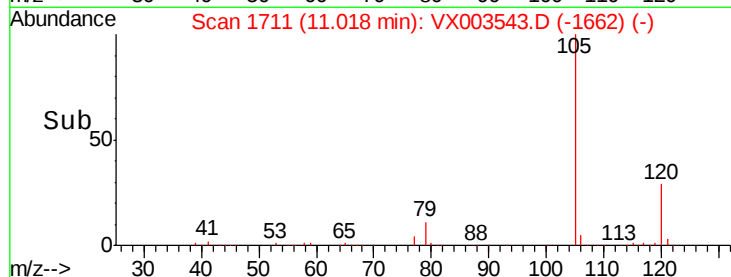
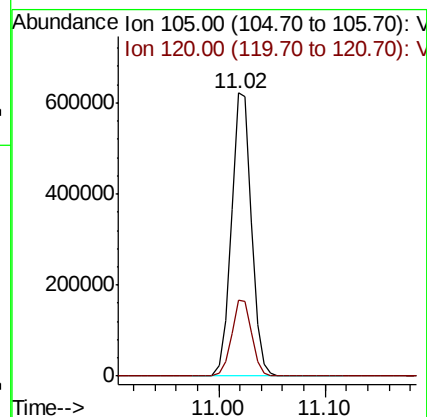
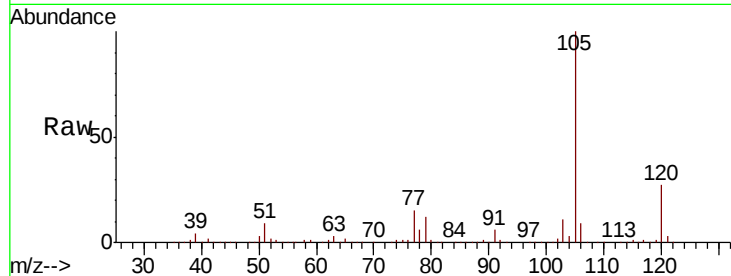
120 26.8 13.5 40.4

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7/23/2018 12:36:28 PM



#74

N-ethyl acetate

Concen: 52.405 ug/l

RT: 6.46 min Scan# 964

Delta R.T. 0.00 min

Lab File: VX003543.D

Acq: 21 Jul 2018 07:06

Tgt Ion: 43 Resp: 356143

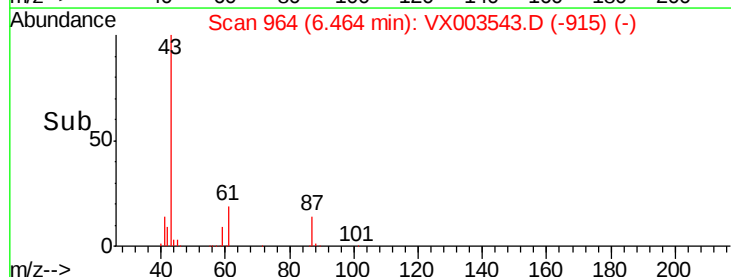
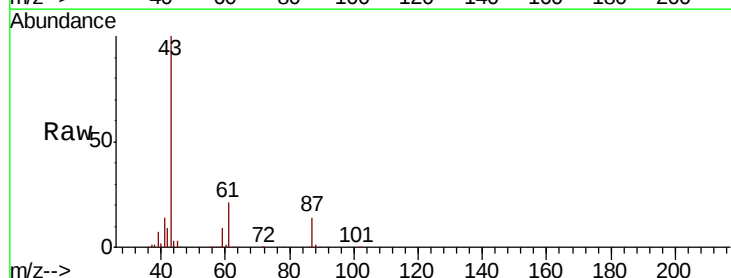
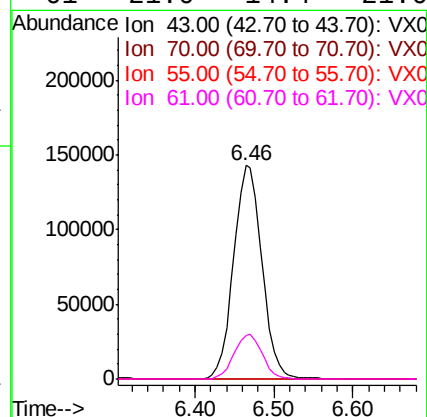
Ion Ratio Lower Upper

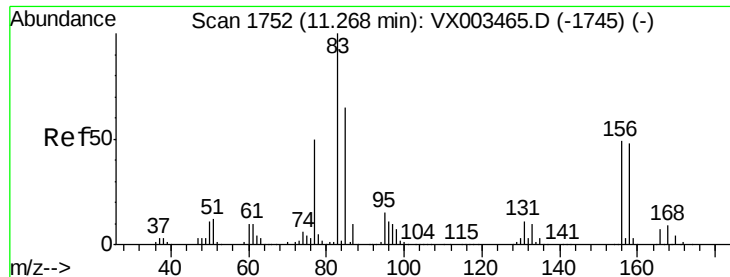
43 100

70 0.0 0.0 0.0

55 0.1 0.0 0.0#

61 21.0 14.4 21.6





#75

1,1,2,2-Tetrachloroethane

Concen: 52.830 ug/l

RT: 11.27 min Scan# 1752

Delta R.T. 0.00 min

Lab File: VX003543.D

Acq: 21 Jul 2018 07:06

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 83 Resp: 247779

Ion Ratio Lower Upper

83 100

131 10.8 5.6 16.8

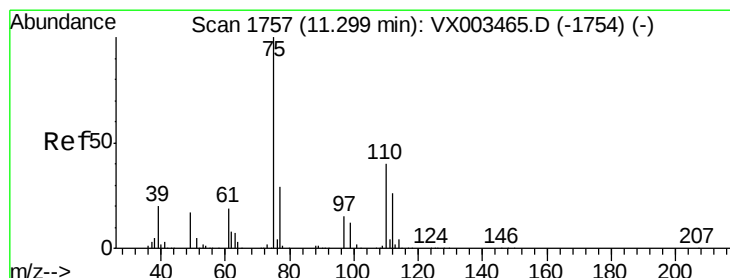
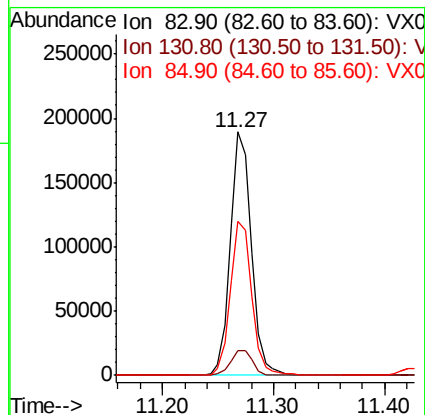
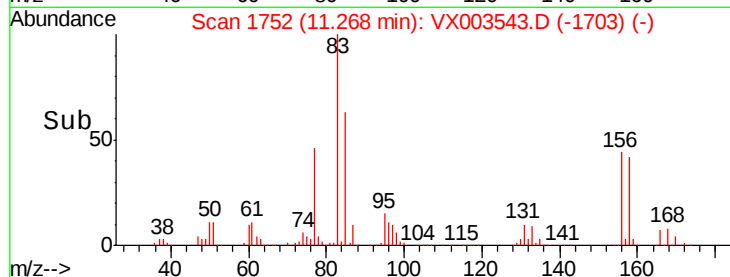
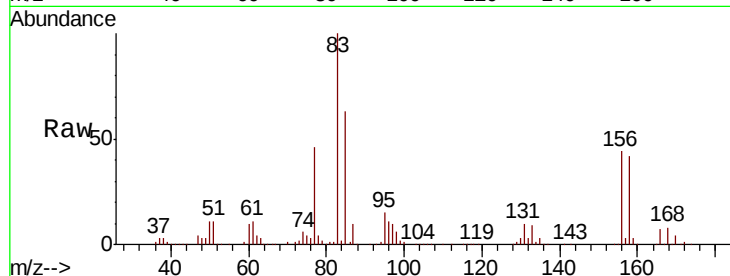
85 64.2 32.4 97.2

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7/23/2018 12:36:28 PM



#76

1,2,3-Trichloropropane

Concen: 59.672 ug/l m

RT: 11.30 min Scan# 1757

Delta R.T. 0.00 min

Lab File: VX003543.D

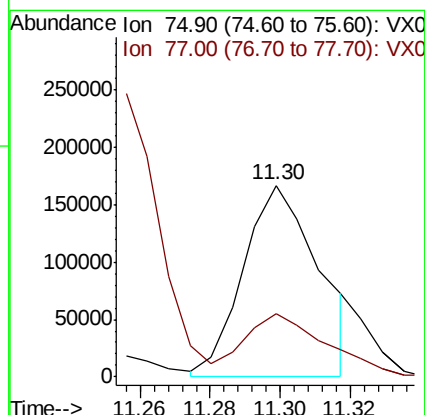
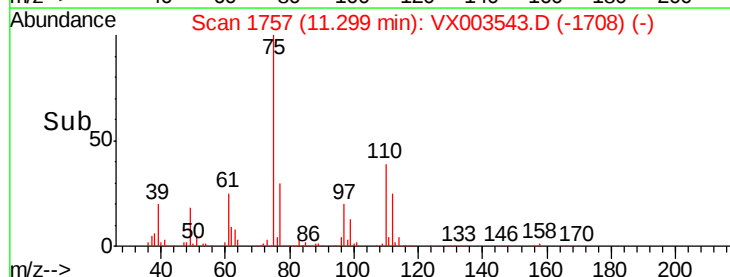
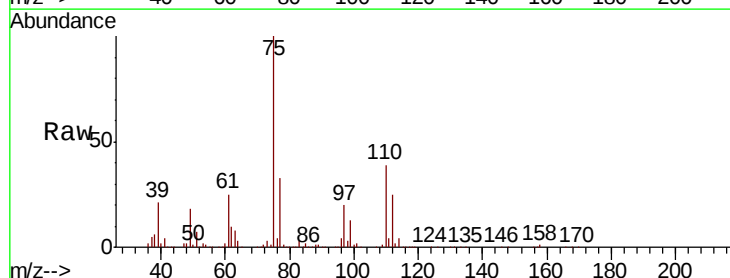
Acq: 21 Jul 2018 07:06

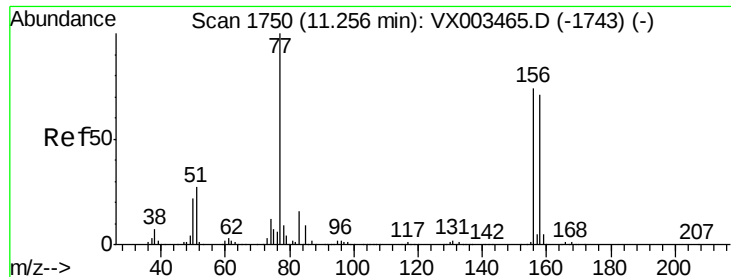
Tgt Ion: 75 Resp: 248083

Ion Ratio Lower Upper

75 100

77 36.2 22.8 68.3





#77

Bromobenzene

Concen: 49.539 ug/l

RT: 11.26 min Scan# 1750

Delta R.T. 0.00 min

Lab File: VX003543.D

Acq: 21 Jul 2018 07:06

Instrument :

MSVOA_X

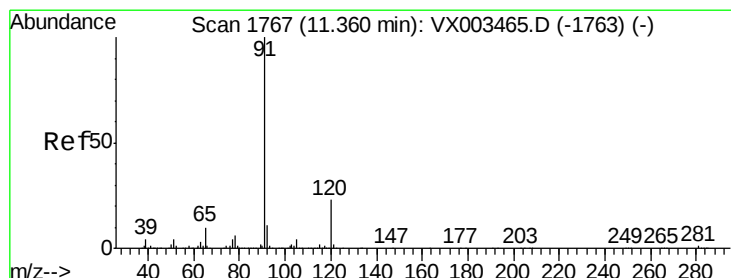
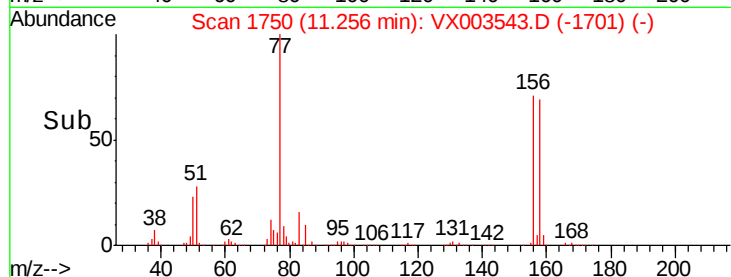
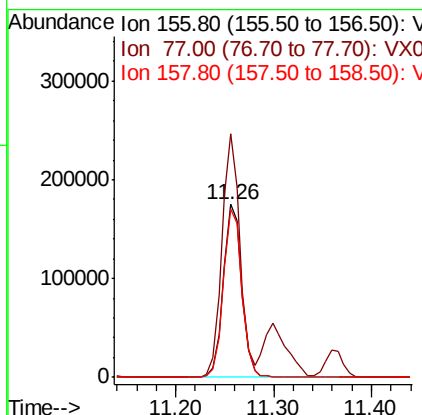
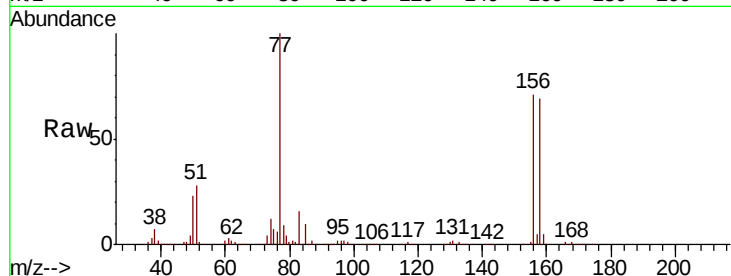
ClientSampleId :

VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
156	100		
77	137.2	71.4	214.2
158	97.7	48.9	146.6

Manual Integrations
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#78

n-propylbenzene

Concen: 51.780 ug/l

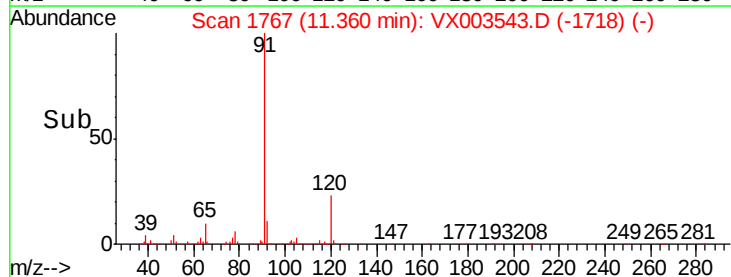
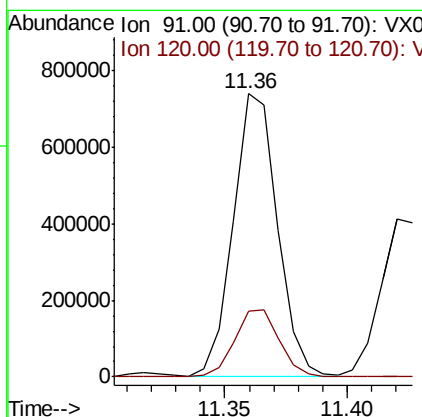
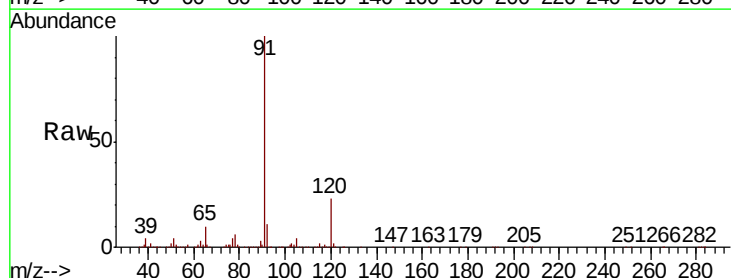
RT: 11.36 min Scan# 1767

Delta R.T. 0.00 min

Lab File: VX003543.D

Acq: 21 Jul 2018 07:06

Tgt Ion	Ratio	Lower	Upper
91	100		
120	24.3	11.8	35.4





#79

2-Chlorotoluene

Concen: 50.599 ug/l

RT: 11.42 min Scan# 1777

Delta R.T. 0.00 min

Lab File: VX003543.D

Acq: 21 Jul 2018 07:06

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 91 Resp: 546486

Ion Ratio Lower Upper

91 100

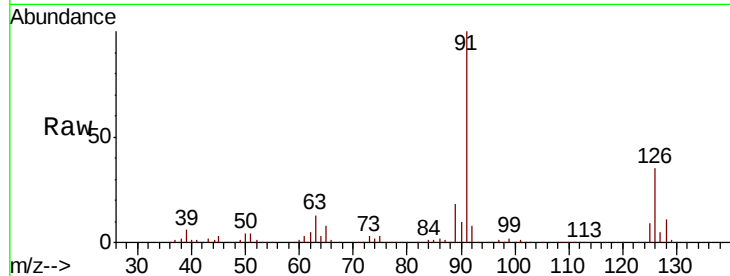
126 36.2 17.7 53.1

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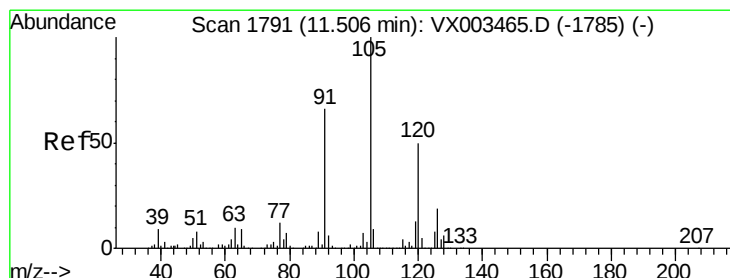
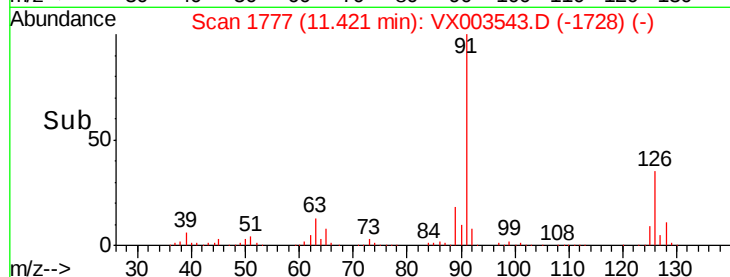
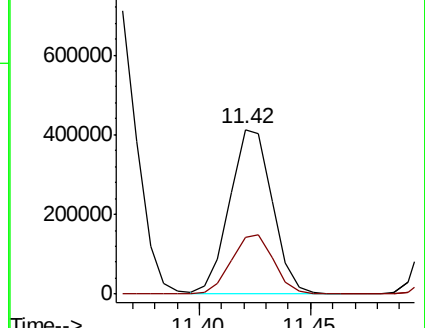
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Abundance Ion 91.00 (90.70 to 91.70): VX003465.D (-1773) (-)

Ion 125.90 (125.60 to 126.60): VX003465.D (-1773) (-)



#80

1,3,5-Trimethylbenzene

Concen: 52.304 ug/l

RT: 11.51 min Scan# 1791

Delta R.T. 0.00 min

Lab File: VX003543.D

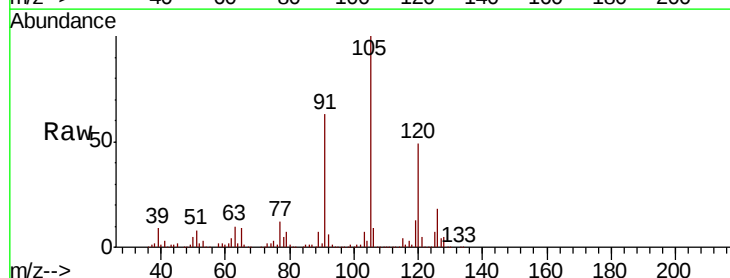
Acq: 21 Jul 2018 07:06

Tgt Ion: 105 Resp: 687978

Ion Ratio Lower Upper

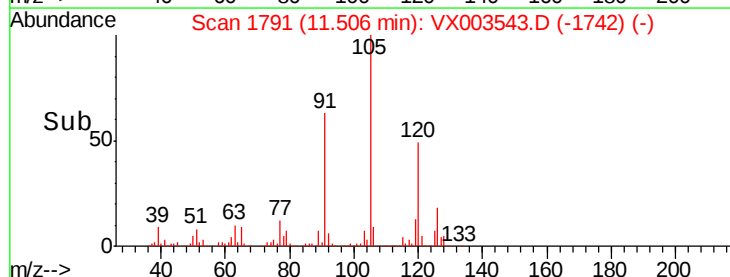
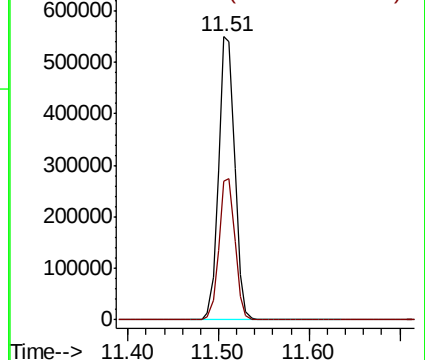
105 100

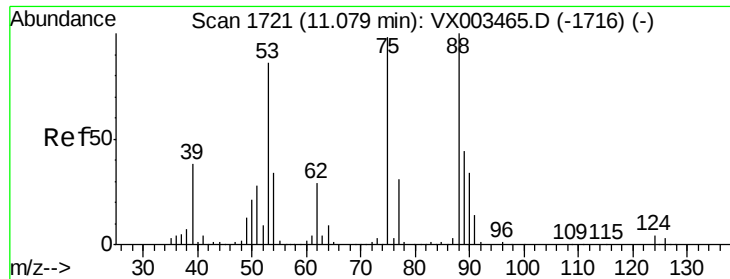
120 49.6 24.4 73.4



Abundance Ion 105.00 (104.70 to 105.70): VX003465.D (-1785) (-)

Ion 120.00 (119.70 to 120.70): VX003465.D (-1785) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 41.607 ug/l

RT: 11.08 min Scan# 1721

Delta R.T. 0.00 min

Lab File: VX003543.D

Acq: 21 Jul 2018 07:06

Instrument :

MSVOA_X

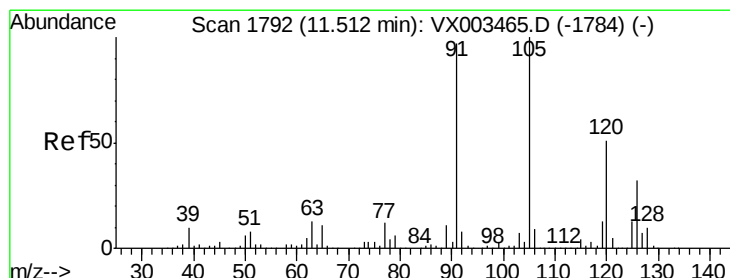
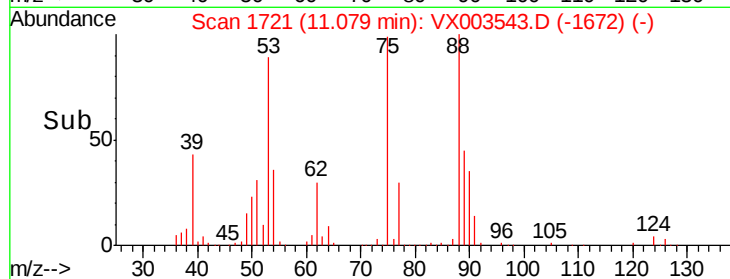
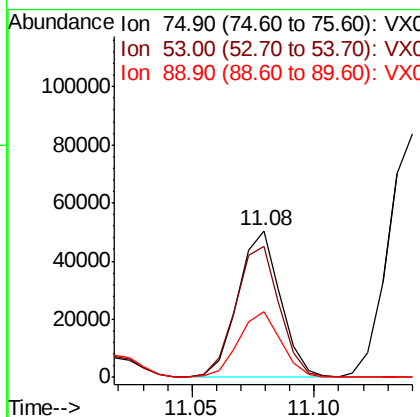
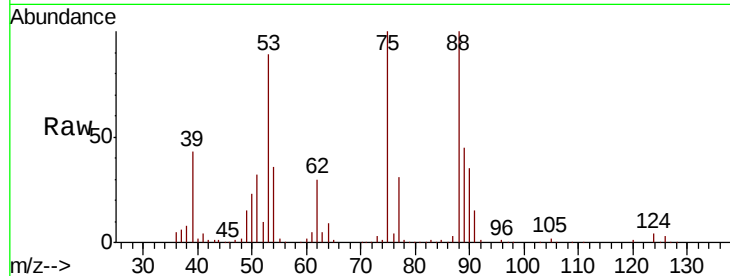
ClientSampleId :

VSTDCCC050EC

Tgt Ion:	75	Resp:	60294
Ion Ratio	Lower	Upper	
75	100		
53	93.8	86.8	130.2
89	45.4	38.2	57.2

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#82

4-Chlorotoluene

Concen: 50.807 ug/l

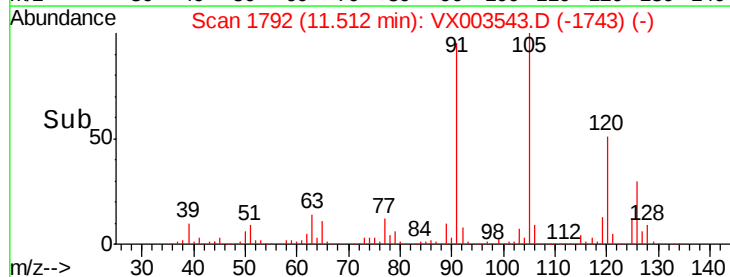
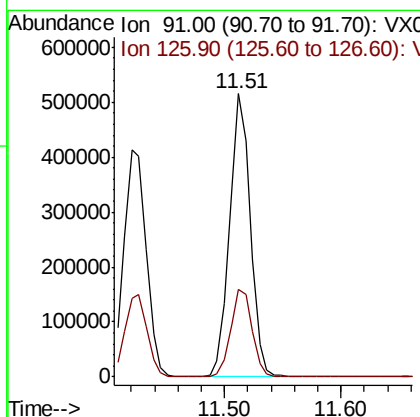
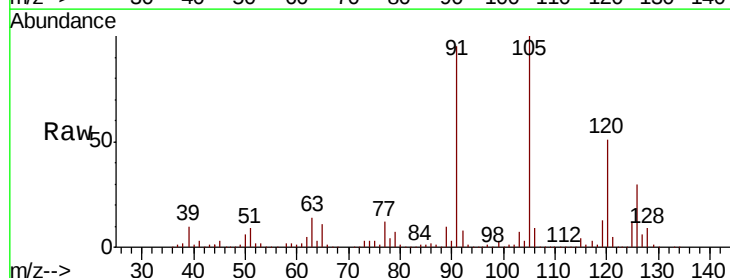
RT: 11.51 min Scan# 1792

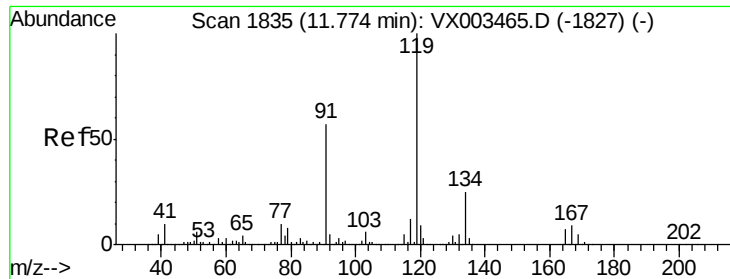
Delta R.T. 0.00 min

Lab File: VX003543.D

Acq: 21 Jul 2018 07:06

Tgt Ion:	91	Resp:	642983
Ion Ratio	Lower	Upper	
91	100		
126	31.9	15.4	46.4





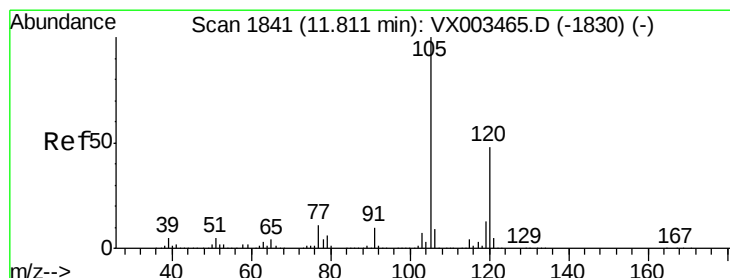
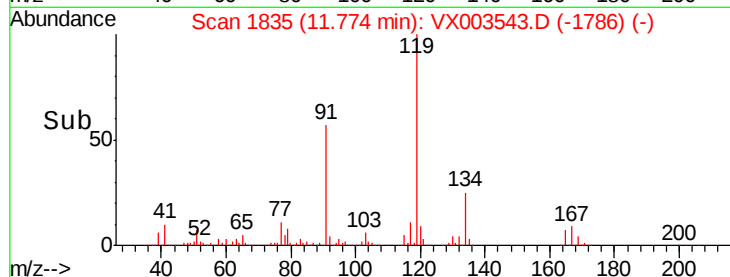
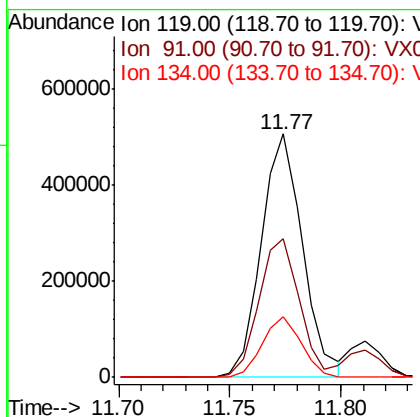
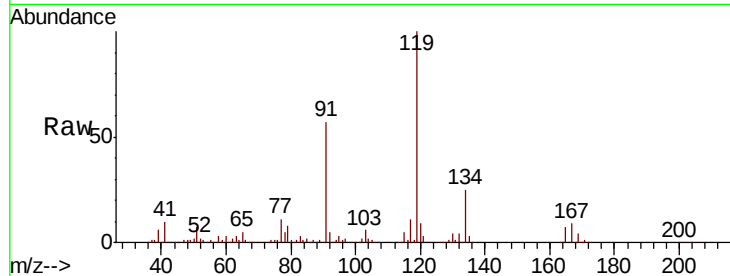
#83
 tert-Butylbenzene
 Concen: 50.727 ug/l
 RT: 11.77 min Scan# 1835
 Delta R.T. 0.00 min
 Lab File: VX003543.D
 Acq: 21 Jul 2018 07:06

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion	Ratio	Resp	Lower	Upper
119	100	653435		
91	55.8	30.3	90.9	
134	23.7	11.7	35.1	

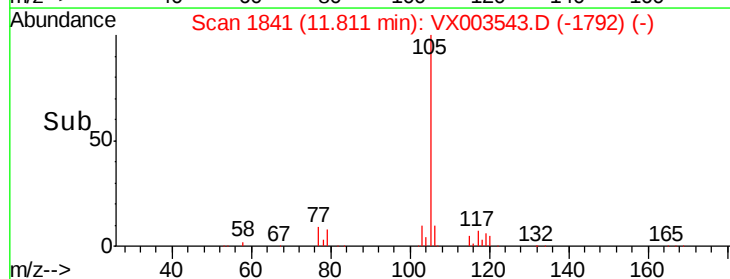
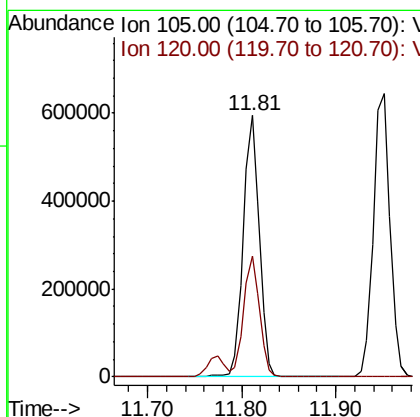
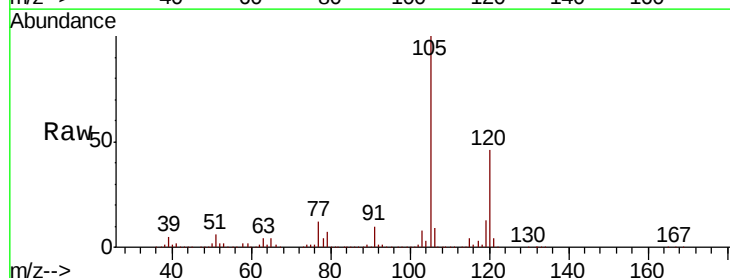
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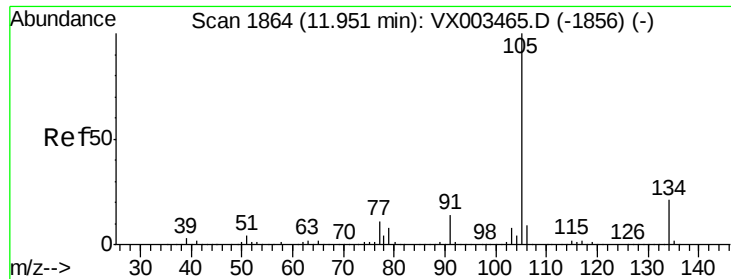
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#84
 1,2,4-Trimethylbenzene
 Concen: 52.817 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. 0.00 min
 Lab File: VX003543.D
 Acq: 21 Jul 2018 07:06

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	706921		
120	46.0	22.3	66.8	





#85

sec-Butylbenzene

Concen: 50.688 ug/l

RT: 11.95 min Scan# 1864

Delta R.T. 0.00 min

Lab File: VX003543.D

Acq: 21 Jul 2018 07:06

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion:105 Resp: 793063

Ion Ratio Lower Upper

105 100

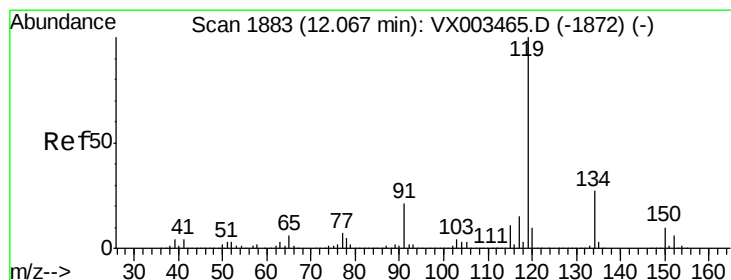
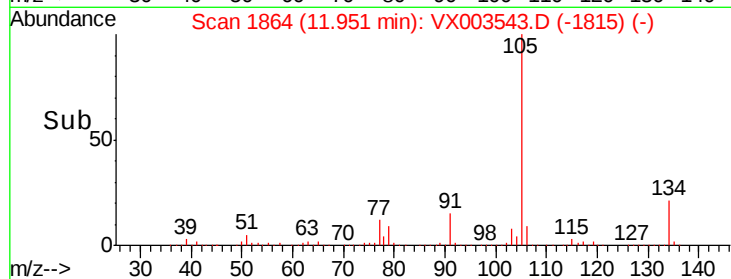
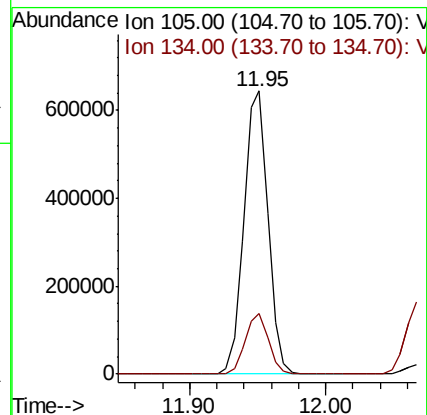
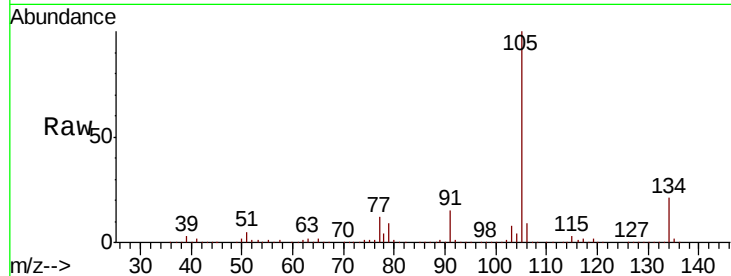
134 20.8 10.4 31.1

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#86

p-Isopropyltoluene

Concen: 51.390 ug/l

RT: 12.07 min Scan# 1883

Delta R.T. 0.00 min

Lab File: VX003543.D

Acq: 21 Jul 2018 07:06

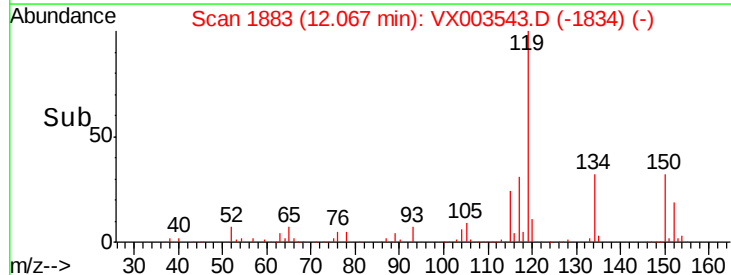
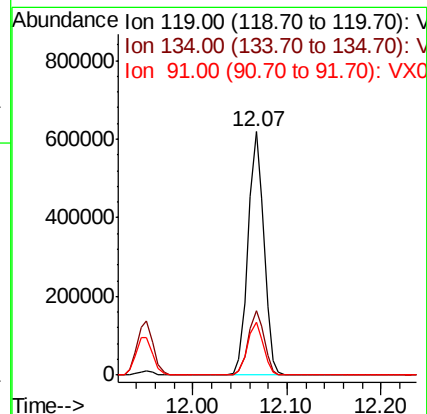
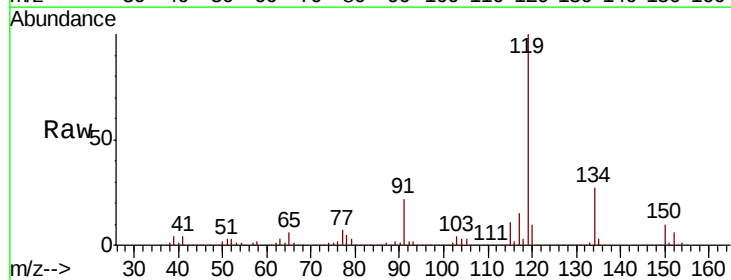
Tgt Ion:119 Resp: 721593

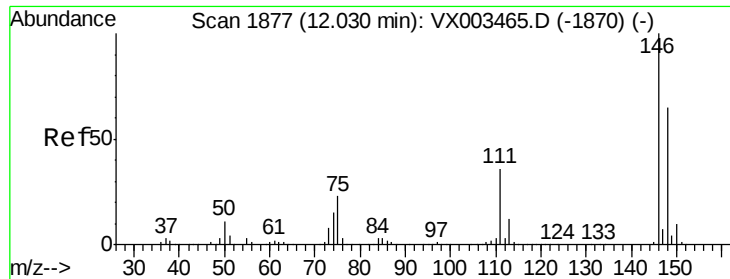
Ion Ratio Lower Upper

119 100

134 26.7 13.4 40.1

91 21.8 11.9 35.7





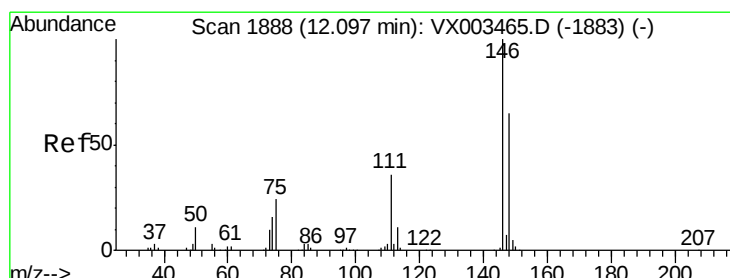
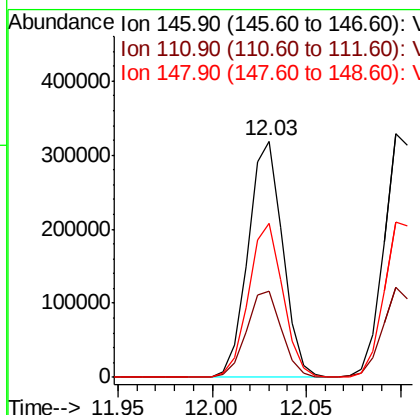
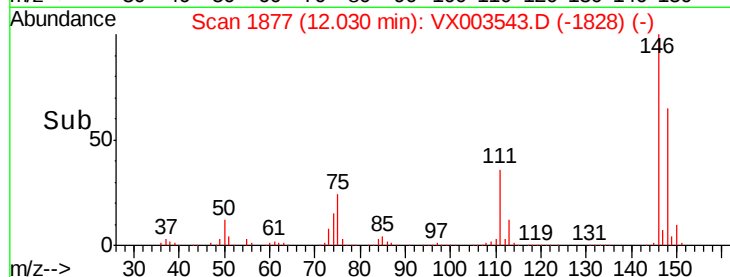
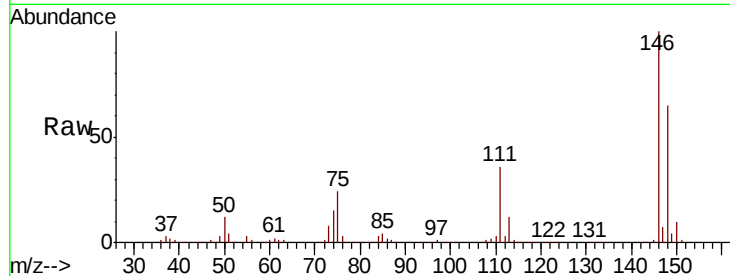
#87
 1,3-Dichlorobenzene
 Concen: 48.006 ug/l
 RT: 12.03 min Scan# 1877
 Delta R.T. 0.00 min
 Lab File: VX003543.D
 Acq: 21 Jul 2018 07:06

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	406220		
111	37.1	18.9	56.7	
148	64.6	32.1	96.3	

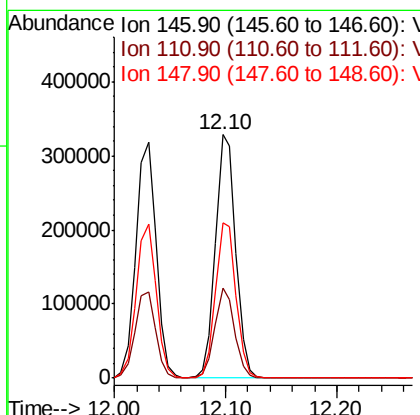
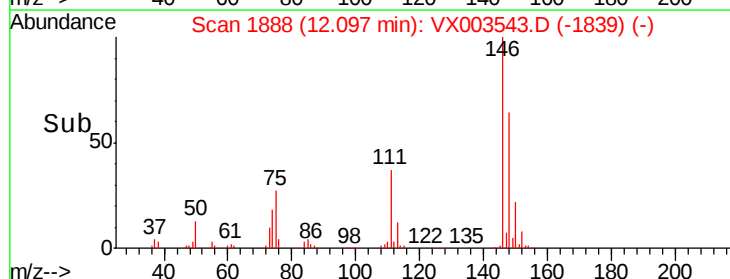
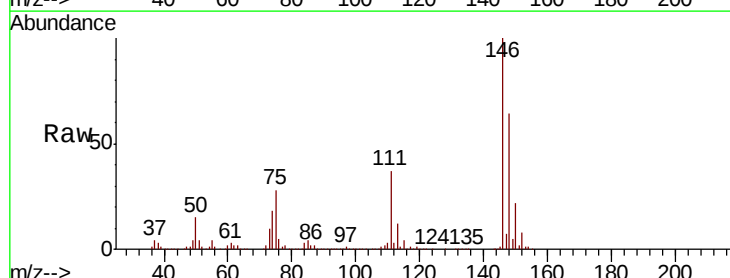
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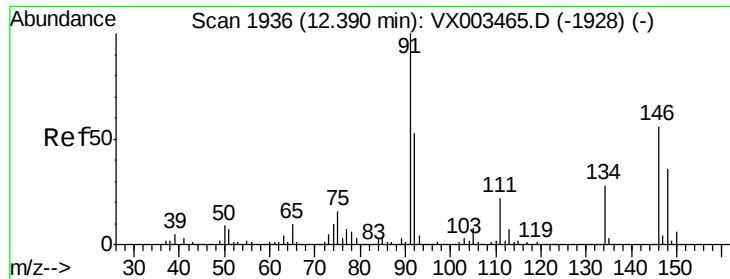
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#88
 1,4-Dichlorobenzene
 Concen: 47.473 ug/l
 RT: 12.10 min Scan# 1888
 Delta R.T. 0.00 min
 Lab File: VX003543.D
 Acq: 21 Jul 2018 07:06

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	413809		
111	36.1	18.7	56.1	
148	64.3	32.4	97.0	





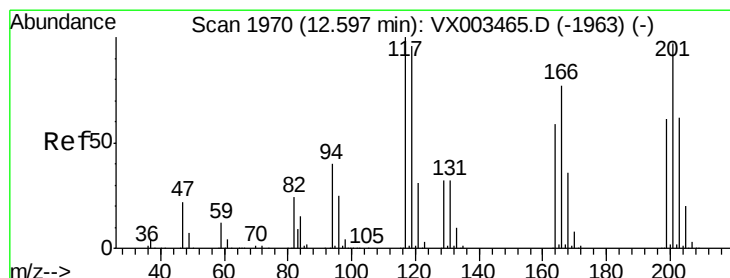
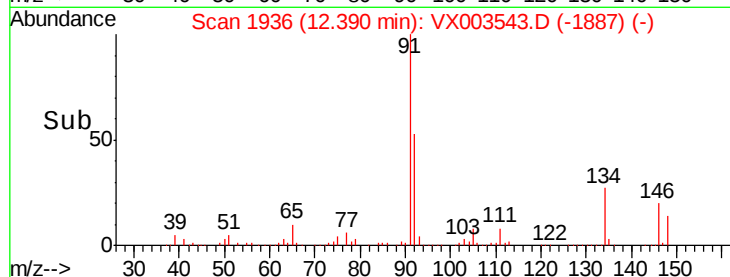
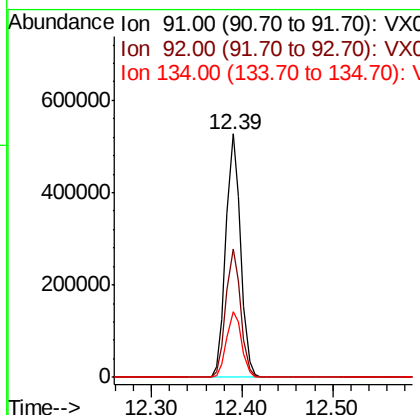
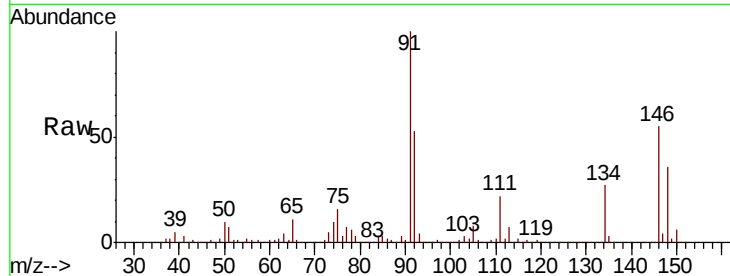
#89
n-Butylbenzene
Concen: 49.836 ug/l
RT: 12.39 min Scan# 1936
Delta R.T. 0.00 min
Lab File: VX003543.D
Acq: 21 Jul 2018 07:06

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 594205
Ion Ratio Lower Upper
91 100
92 52.8 26.0 78.0
134 27.7 13.5 40.5

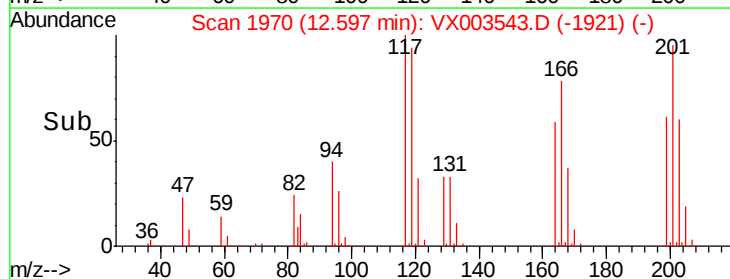
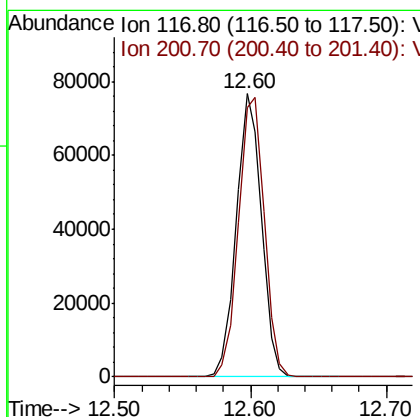
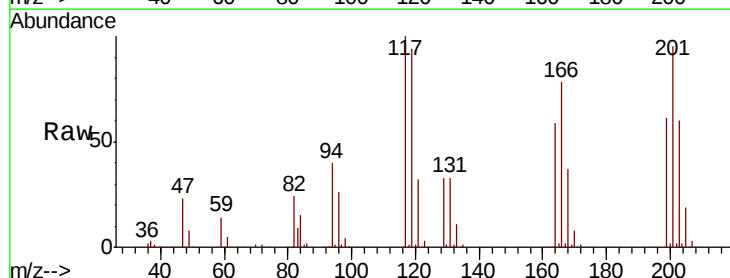
Manual Integrations
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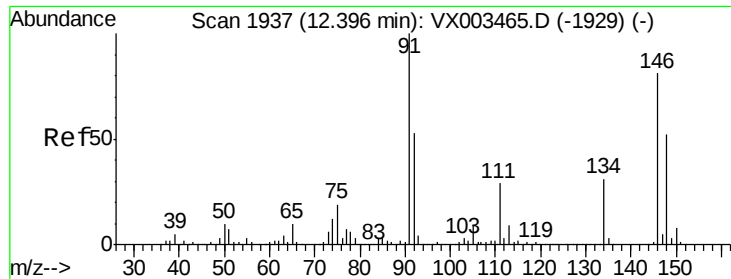
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#90
Hexachloroethane
Concen: 49.130 ug/l
RT: 12.60 min Scan# 1970
Delta R.T. 0.00 min
Lab File: VX003543.D
Acq: 21 Jul 2018 07:06

Tgt Ion: 117 Resp: 98067
Ion Ratio Lower Upper
117 100
201 101.8 49.0 147.0





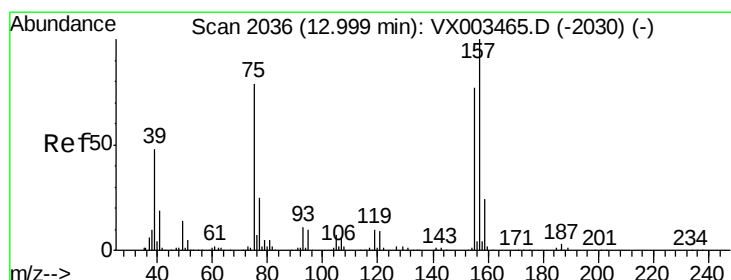
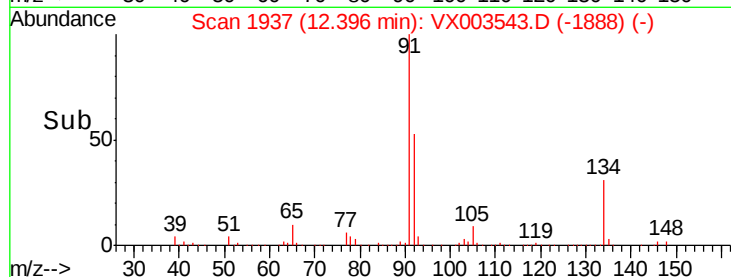
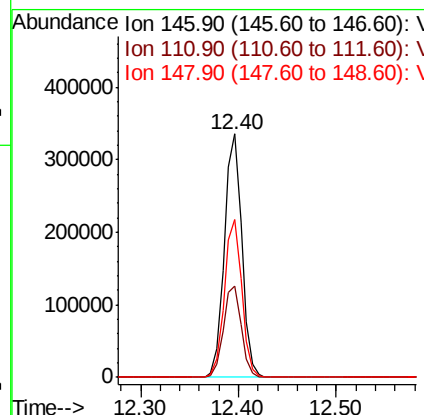
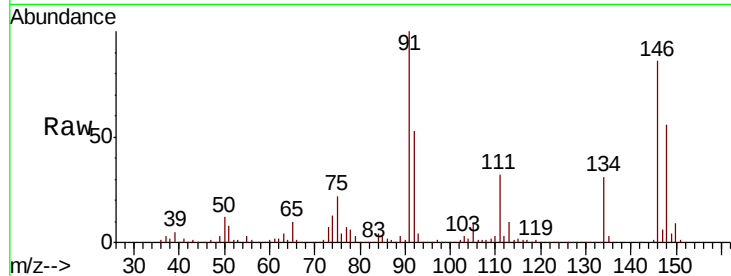
#91
 1,2-Dichlorobenzene
 Concen: 49.677 ug/l
 RT: 12.40 min Scan# 1937
 Delta R.T. 0.00 min
 Lab File: VX003543.D
 Acq: 21 Jul 2018 07:06

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 146 Resp: 414303
 Ion Ratio Lower Upper
 146 100
 111 38.4 19.4 58.1
 148 64.7 31.7 95.1

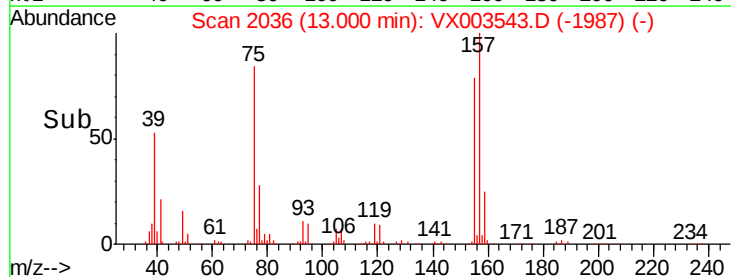
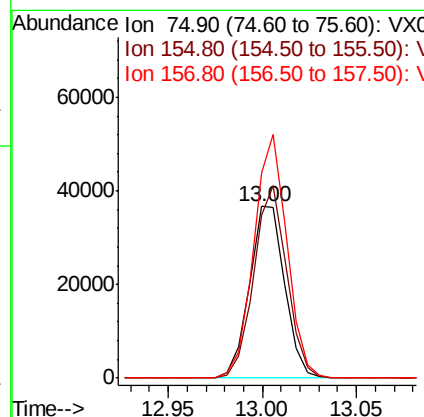
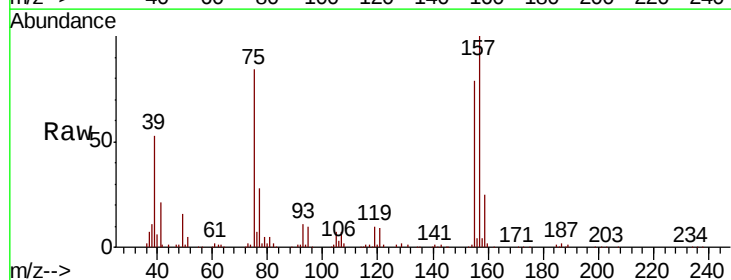
Manual Integrations
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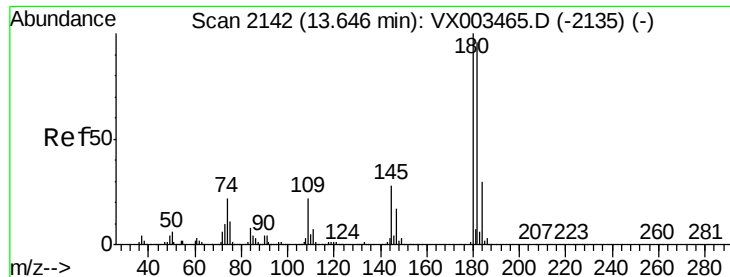
MMDadoda
 7/23/2018 12:36:28 PM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 52.022 ug/l
 RT: 13.00 min Scan# 2036
 Delta R.T. 0.00 min
 Lab File: VX003543.D
 Acq: 21 Jul 2018 07:06

Tgt Ion: 75 Resp: 47483
 Ion Ratio Lower Upper
 75 100
 155 104.3 45.8 137.4
 157 132.8 60.1 180.3





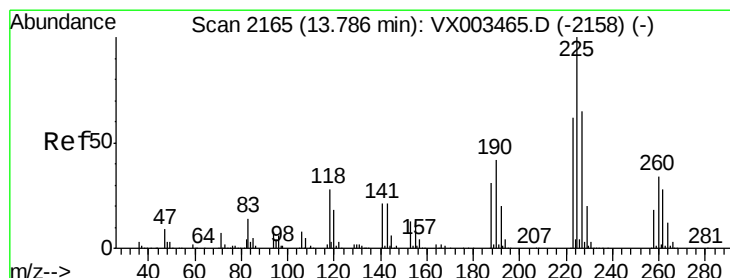
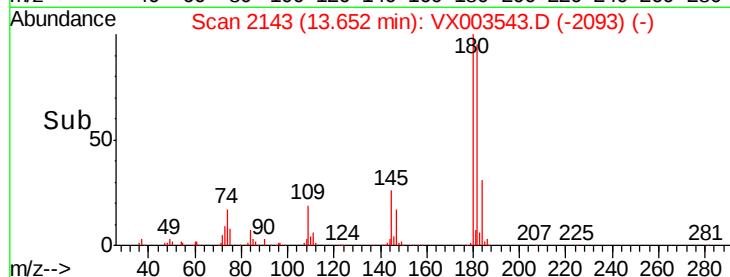
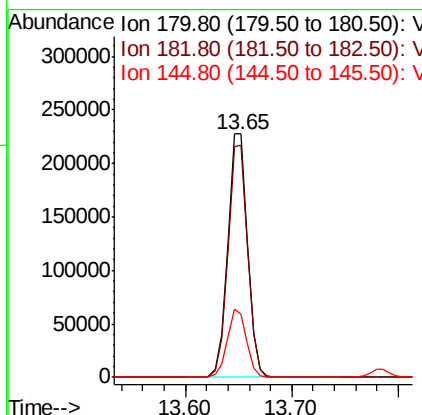
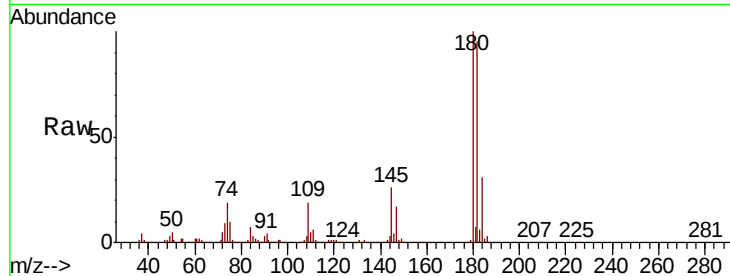
#93
 1,2,4-Trichlorobenzene
 Concen: 48.287 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. 0.01 min
 Lab File: VX003543.D
 Acq: 21 Jul 2018 07:06

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	295140		
182	95.5	47.7	143.1	
145	27.4	14.1	42.4	

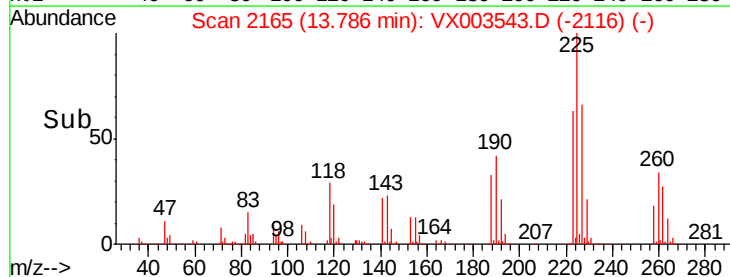
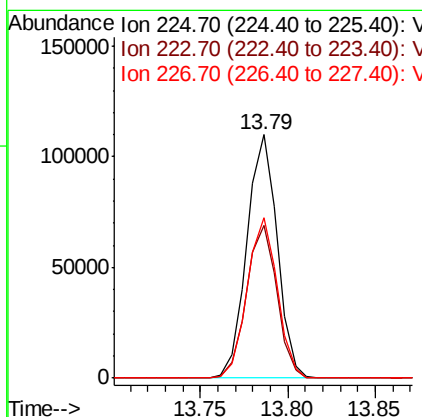
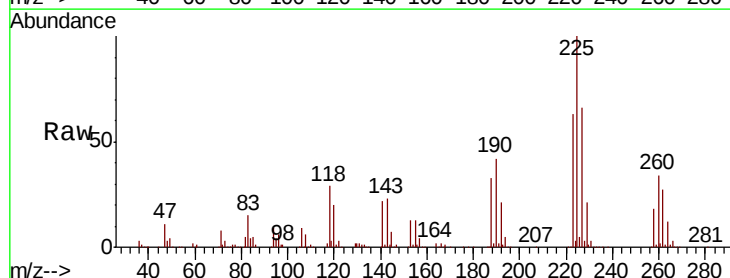
Manual Integrations
 APPROVED

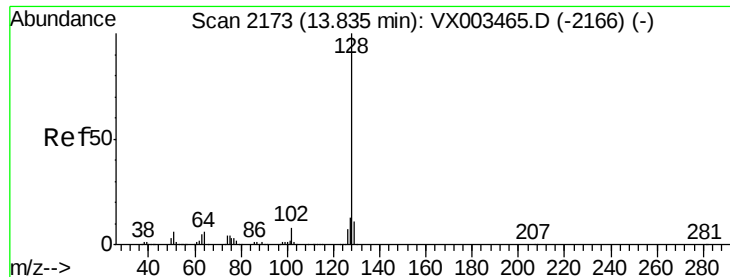
MMDadoda
 7/23/2018 12:36:28 PM



#94
 Hexachlorobutadiene
 Concen: 45.200 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. 0.00 min
 Lab File: VX003543.D
 Acq: 21 Jul 2018 07:06

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	132865		
223	62.8	31.6	95.0	
227	65.1	32.4	97.2	





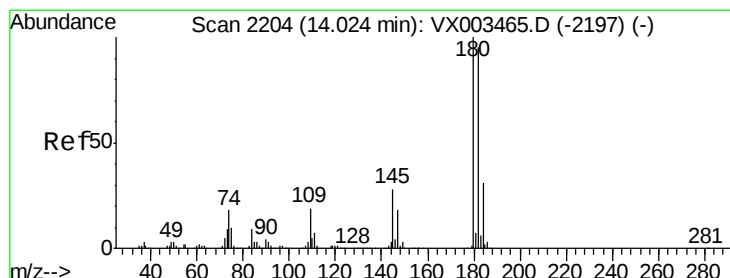
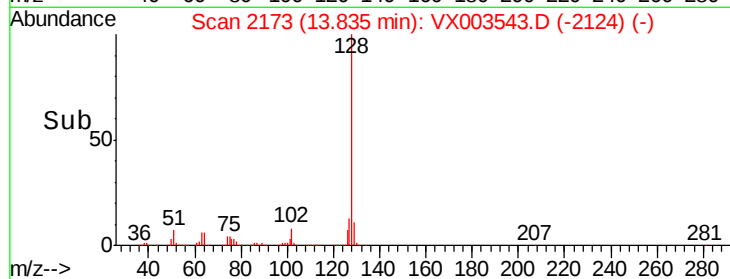
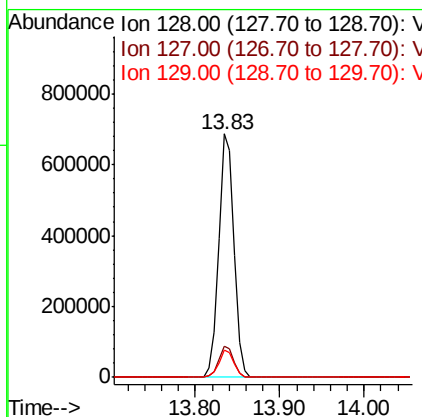
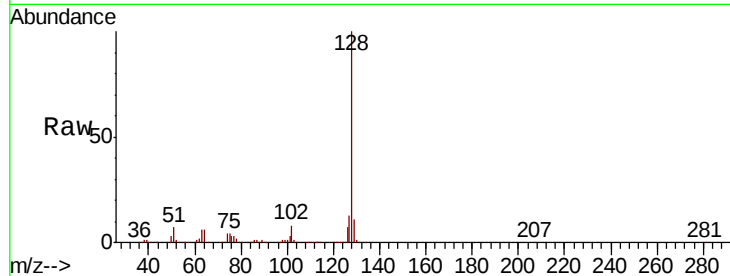
#95
Naphthalene
Concen: 53.355 ug/l
RT: 13.83 min Scan# 2173
Delta R.T. 0.00 min
Lab File: VX003543.D
Acq: 21 Jul 2018 07:06

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
128	100		
127	12.8	10.4	15.6
129	10.9	8.6	13.0

Manual Integrations
APPROVED

MMDadoda
7/23/2018 12:36:28 PM



#96
1,2,3-Trichlorobenzene
Concen: 49.986 ug/l
RT: 14.02 min Scan# 2204
Delta R.T. 0.00 min
Lab File: VX003543.D
Acq: 21 Jul 2018 07:06

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.7	48.0	144.0
145	29.6	14.8	44.3

