

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX070618\
 Data File : VX003237.D
 Acq On : 07 Jul 2018 02:27
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 7/9/2018 12:56:56 PM

Quant Time: Jul 07 03:25:18 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X062518W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 25 14:38:05 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	242527	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	330688	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	318125	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	202519	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	123106	36.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	73.44%	
35) Dibromofluoromethane	5.51	113	107282	40.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	81.94%	
50) Toluene-d8	8.72	98	364875	38.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	76.30%	
62) 4-Bromofluorobenzene	11.14	95	145506	39.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	78.90%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	110899	51.222	ug/l	98
3) Chloromethane	1.32	50	118899	52.955	ug/l	98
4) Vinyl Chloride	1.40	62	130086	47.429	ug/l	96
5) Bromomethane	1.64	94	41781	31.634	ug/l	96
6) Chloroethane	1.71	64	79213	49.192	ug/l	100
7) Trichlorofluoromethane	1.92	101	205980	44.522	ug/l	94
8) Diethyl Ether	2.19	74	77844	46.282	ug/l	93
9) 1,1,2-Trichlorotrifluoroet	2.38	101	119764	44.675	ug/l	96
10) Methyl Iodide	2.51	142	121273	45.280	ug/l	96
11) Tert butyl alcohol	3.09	59	157342	235.616	ug/l	100
12) 1,1-Dichloroethene	2.37	96	110136	46.047	ug/l	89
13) Acrolein	2.29	56	71239	193.398	ug/l	98
14) Allyl chloride	2.73	41	205386	43.561	ug/l	94
15) Acrylonitrile	3.15	53	343088	240.533	ug/l	100
16) Acetone	2.45	43	315136	227.003	ug/l	95
17) Carbon Disulfide	2.57	76	272044	42.688	ug/l	99
18) Methyl Acetate	2.78	43	174835	45.045	ug/l	99
19) Methyl tert-butyl Ether	3.21	73	396070	46.061	ug/l	100
20) Methylene Chloride	2.85	84	129669	47.999	ug/l	94
21) trans-1,2-Dichloroethene	3.16	96	117548	45.122	ug/l	96
22) Diisopropyl ether	3.88	45	408923	45.373	ug/l	97
23) Vinyl Acetate	3.82	43	1740057	228.009	ug/l	100
24) 1,1-Dichloroethane	3.70	63	226453	46.229	ug/l	99
25) 2-Butanone	4.71	43	544910	264.482	ug/l	96
26) 2,2-Dichloropropane	4.59	77	139154	34.935	ug/l	95
27) cis-1,2-Dichloroethene	4.60	96	153158	52.435	ug/l	90
28) Bromochloromethane	5.03	49	117114	49.949	ug/l	90
29) Tetrahydrofuran	5.17	42	348741	263.955	ug/l	96
30) Chloroform	5.22	83	256483	51.019	ug/l	94
31) Cyclohexane	5.57	56	204803	48.717	ug/l	95
32) 1,1,1-Trichloroethane	5.49	97	222727	50.356	ug/l	98
36) 1,1-Dichloropropene	5.80	75	179605	49.527	ug/l	98
37) Ethyl Acetate	4.87	43	208526	53.405	ug/l	99
38) Carbon Tetrachloride	5.78	117	199714	50.185	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	205750	48.709	ug/l	97
40) Benzene	6.15	78	547157	51.929	ug/l	100
41) Methacrylonitrile	5.07	41	119220	53.024	ug/l	97
42) 1,2-Dichloroethane	6.20	62	206777	48.581	ug/l	98
43) Isopropyl Acetate	6.47	43	330957	50.540	ug/l	97
44) Trichloroethene	7.21	130	161663	51.461	ug/l	98
45) 1,2-Dichloropropane	7.52	63	143104	51.200	ug/l	99
46) Dibromomethane	7.67	93	99118	51.099	ug/l	95
47) Bromodichloromethane	7.90	83	188444	52.551	ug/l	97
48) Methyl methacrylate	7.78	41	172197	51.034	ug/l	93
49) 1,4-Dioxane	7.76	88	73505	1119.712	ug/l	97
51) 4-Methyl-2-Pentanone	8.65	43	1091619	266.437	ug/l	96
52) Toluene	8.79	92	350040	51.857	ug/l	100
53) t-1,3-Dichloropropene	8.44	75	209332	51.545	ug/l	100
54) cis-1,3-Dichloropropene	9.05	75	193933	49.630	ug/l	93
55) 1,1,2-Trichloroethane	9.22	97	147611	53.217	ug/l	98
56) Ethyl methacrylate	9.18	69	217435	53.637	ug/l	92
57) 1,3-Dichloropropane	9.38	76	240190	52.724	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	490438	250.773	ug/l	97
59) 2-Hexanone	9.50	43	830961	266.862	ug/l	96
60) Dibromochloromethane	9.59	129	159301	54.556	ug/l	99
61) 1,2-Dibromoethane	9.68	107	155791	53.548	ug/l	99
64) Tetrachloroethene	9.34	164	202646	57.287	ug/l	99
65) Chlorobenzene	10.14	112	410895	50.851	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	154845	52.752	ug/l	99
67) Ethyl Benzene	10.26	91	680525	50.983	ug/l	100
68) m/p-Xylenes	10.36	106	530913	103.203	ug/l	98
69) o-Xylene	10.70	106	260864	52.078	ug/l	97
70) Styrene	10.71	104	441338	54.223	ug/l	99
71) Bromoform	10.86	173	126749	47.963	ug/l	100
73) Isopropylbenzene	11.02	105	708478	52.002	ug/l	99
74) N-amyl acetate	6.47	43	330957	49.648	ug/l #	97
75) 1,1,2,2-Tetrachloroethane	11.27	83	215649	51.385	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	214162m	58.381	ug/l	
77) Bromobenzene	11.26	156	199800	51.498	ug/l	96
78) n-propylbenzene	11.37	91	788454	50.842	ug/l	98
79) 2-Chlorotoluene	11.43	91	469925	50.051	ug/l	98
80) 1,3,5-Trimethylbenzene	11.51	105	594186	51.782	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	54372	43.475	ug/l	96
82) 4-Chlorotoluene	11.51	91	552325	49.692	ug/l	98
83) tert-Butylbenzene	11.77	119	573176	50.684	ug/l	98
84) 1,2,4-Trimethylbenzene	11.81	105	610041	51.311	ug/l	98
85) sec-Butylbenzene	11.95	105	700989	51.096	ug/l	99
86) p-Isopropyltoluene	12.07	119	635066	51.488	ug/l	99
87) 1,3-Dichlorobenzene	12.03	146	357186	50.407	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	362812	49.753	ug/l	98
89) n-Butylbenzene	12.39	91	519909	48.429	ug/l	99
90) Hexachloroethane	12.60	117	94201	51.347	ug/l	95
91) 1,2-Dichlorobenzene	12.40	146	365186	51.061	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	48160	51.047	ug/l	93

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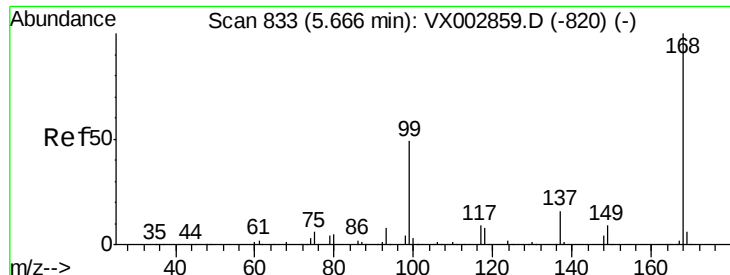
Manual Integrations
APPROVED

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7/9/2018 12:56:56 PM

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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X062518W.M
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QLast Update : Mon Jun 25 14:38:05 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	271403	52.142	ug/l	100
94) Hexachlorobutadiene	13.79	225	128848	49.632	ug/l	100
95) Naphthalene	13.84	128	769240	55.487	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	284159	54.657	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 833

Delta R.T. -0.00 min

Lab File: VX003237.D

Acq: 07 Jul 2018 02:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:168 Resp: 242527

Ion Ratio Lower Upper

168 100

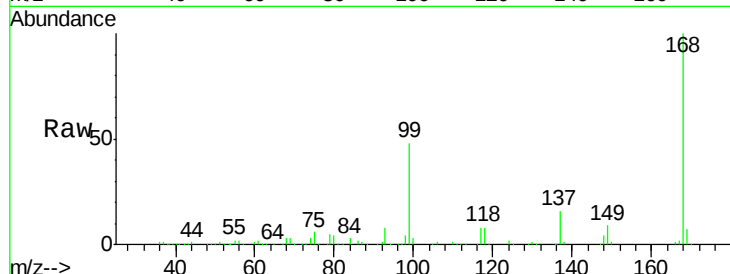
99 47.9 39.3 58.9

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

80000

60000

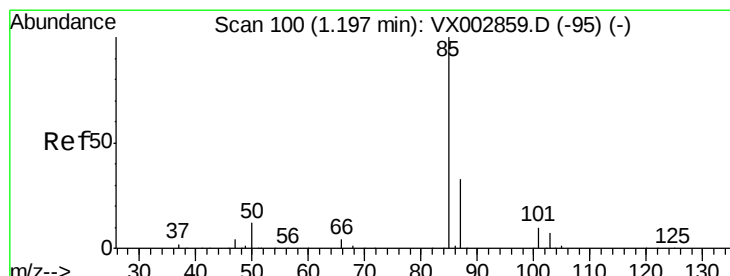
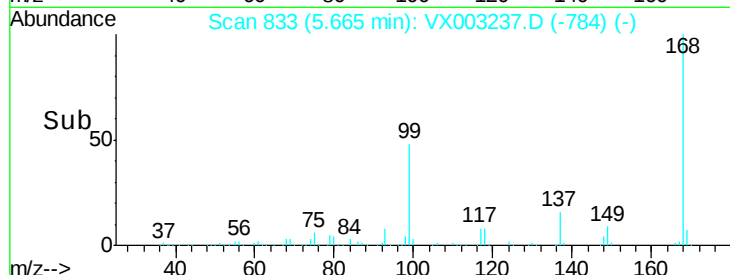
40000

20000

0

5.50 5.60 5.70 5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 51.222 ug/l

RT: 1.20 min Scan# 100

Delta R.T. 0.00 min

Lab File: VX003237.D

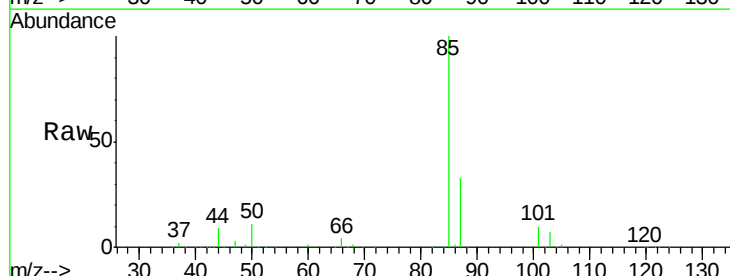
Acq: 07 Jul 2018 02:27

Tgt Ion: 85 Resp: 110899

Ion Ratio Lower Upper

85 100

87 32.8 16.0 47.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

120000

100000

80000

60000

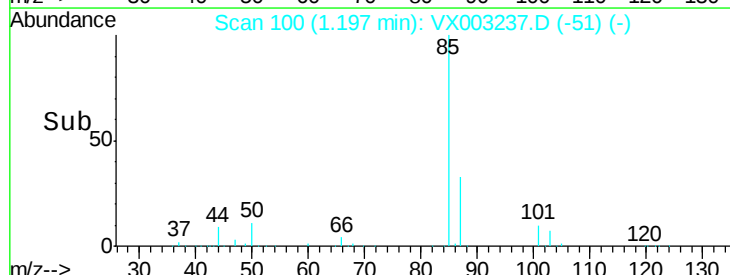
40000

20000

0

1.10 1.15 1.20 1.25 1.30

Time-->





#3

Chloromethane

Concen: 52.955 ug/l

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX003237.D

Acq: 07 Jul 2018 02:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 50 Resp: 118899

Ion Ratio Lower Upper

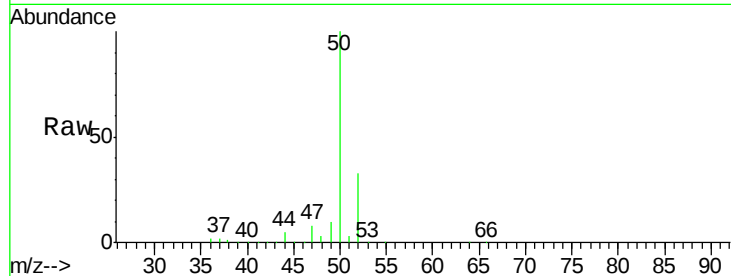
50 100

52 33.1 25.7 38.5

Manual Integrations
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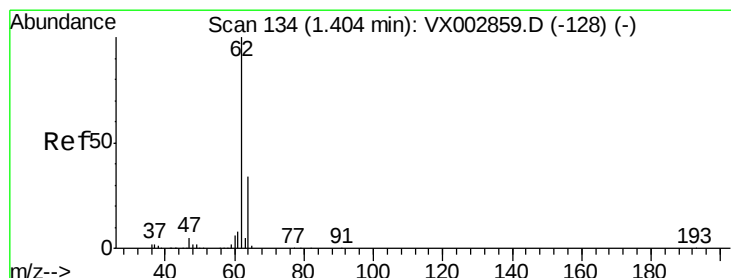
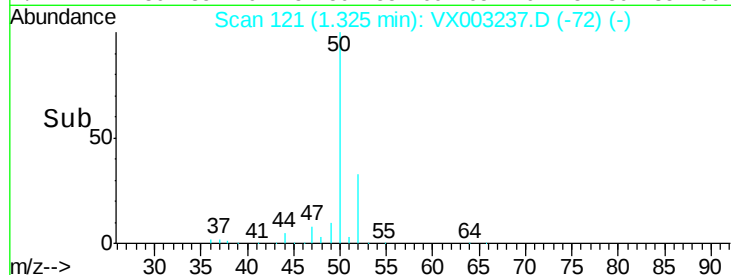
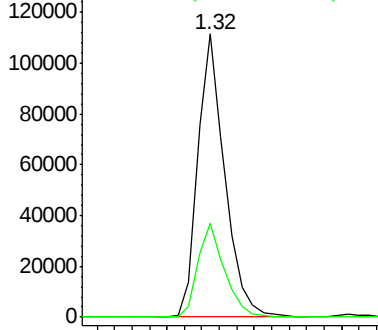
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Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 47.429 ug/l

RT: 1.40 min Scan# 134

Delta R.T. -0.00 min

Lab File: VX003237.D

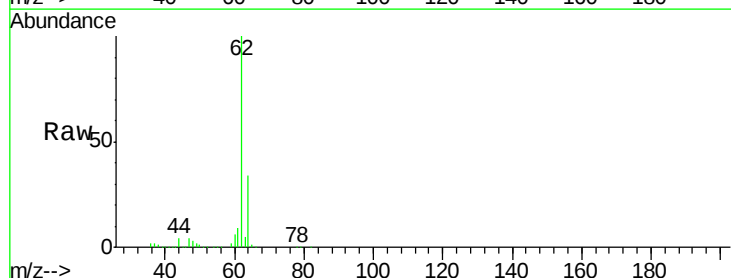
Acq: 07 Jul 2018 02:27

Tgt Ion: 62 Resp: 130086

Ion Ratio Lower Upper

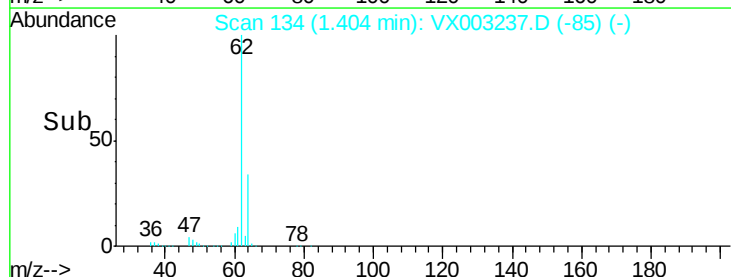
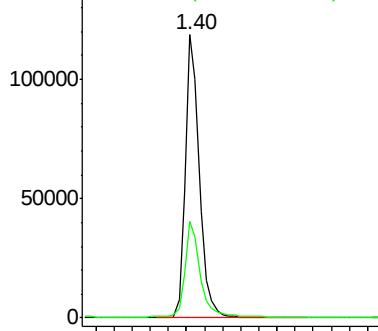
62 100

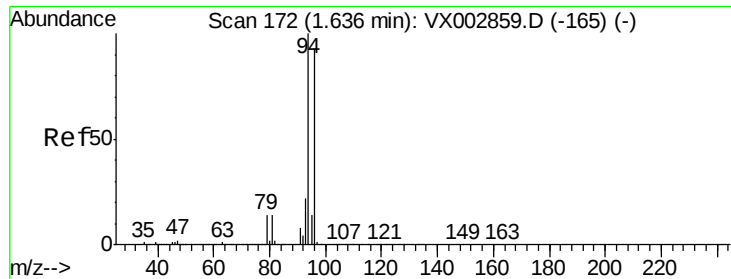
64 33.8 25.4 38.2



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 31.634 ug/l

RT: 1.64 min Scan# 172

Delta R.T. 0.00 min

Lab File: VX003237.D

Acq: 07 Jul 2018 02:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 94 Resp: 41781

Ion Ratio Lower Upper

94 100

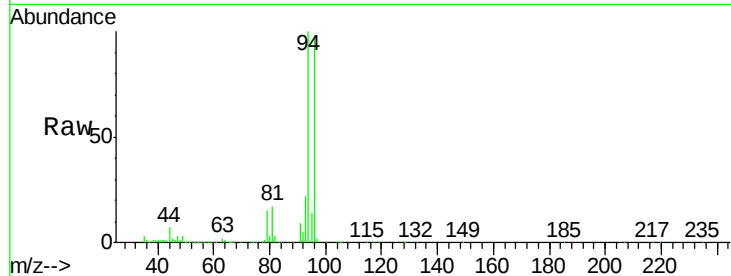
96 97.5 74.9 112.3

Manual Integrations

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Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.64

40000

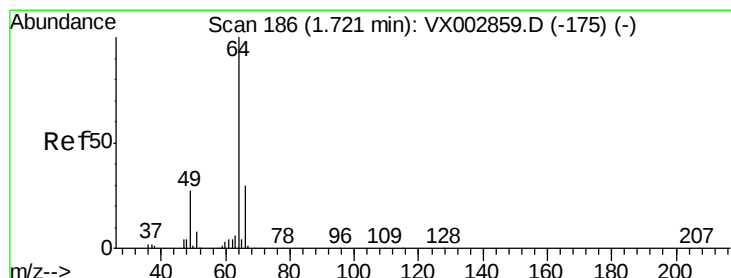
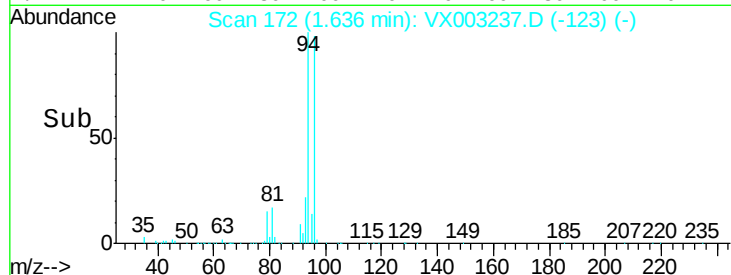
30000

20000

10000

0

Time-->



#6

Chloroethane

Concen: 49.192 ug/l

RT: 1.71 min Scan# 185

Delta R.T. -0.01 min

Lab File: VX003237.D

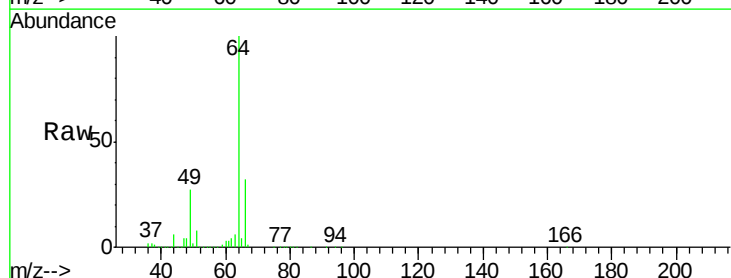
Acq: 07 Jul 2018 02:27

Tgt Ion: 64 Resp: 79213

Ion Ratio Lower Upper

64 100

66 32.0 25.5 38.3



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

1.71

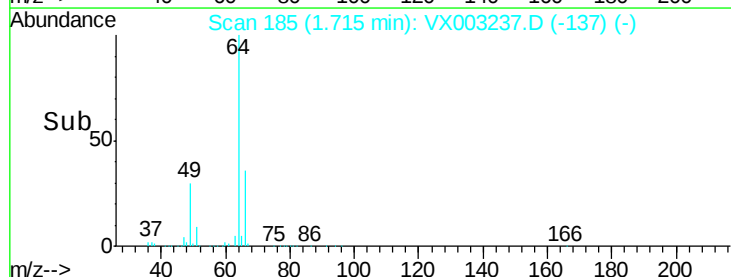
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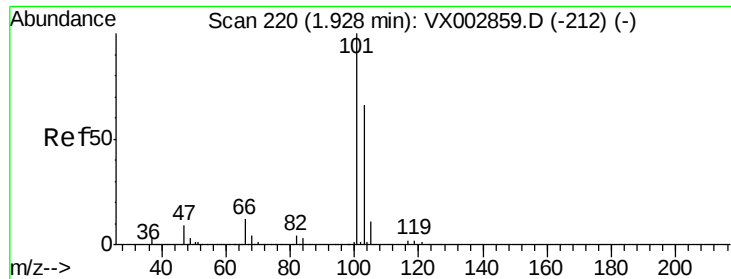
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Time-->





#7

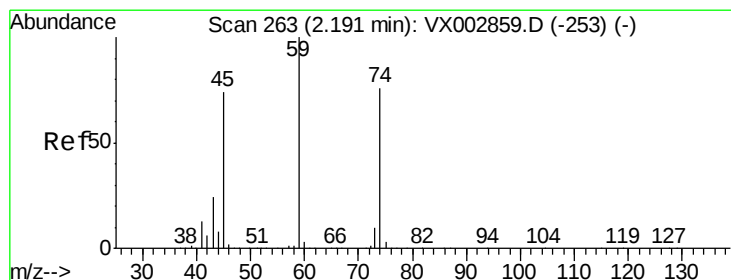
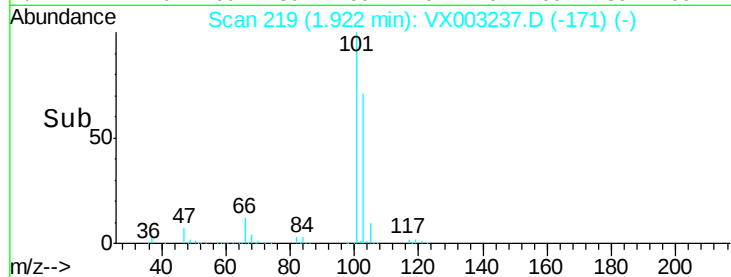
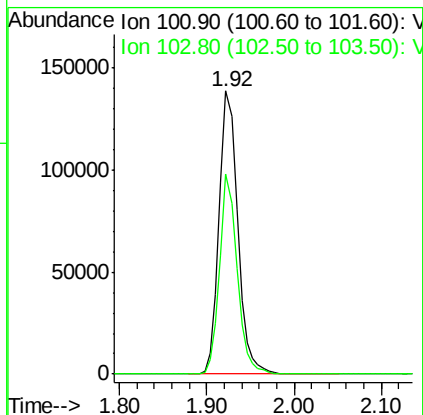
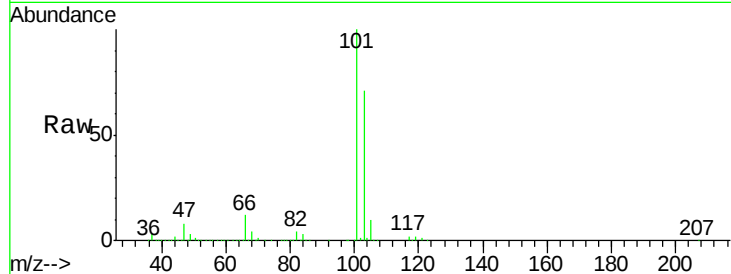
Trichlorofluoromethane
 Concen: 44.522 ug/l
 RT: 1.92 min Scan# 219
 Delta R.T. -0.01 min
 Lab File: VX003237.D
 Acq: 07 Jul 2018 02:27

Instrument :
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 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
101	100		
103	70.9	52.8	79.2

Manual Integrations
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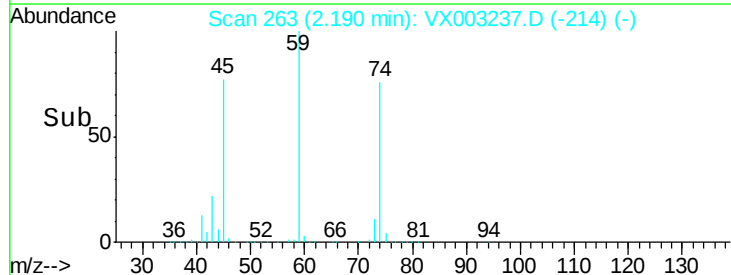
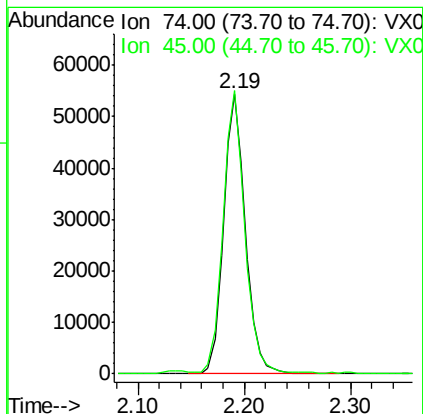
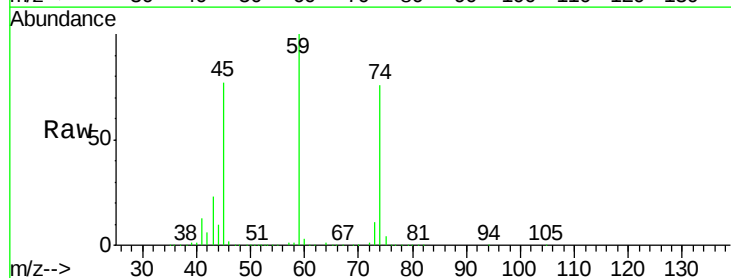
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 7/9/2018 12:56:56 PM



#8

Diethyl Ether
 Concen: 46.282 ug/l
 RT: 2.19 min Scan# 263
 Delta R.T. -0.00 min
 Lab File: VX003237.D
 Acq: 07 Jul 2018 02:27

Tgt Ion	Ratio	Lower	Upper
74	100		
45	99.1	53.1	159.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 44.675 ug/l

RT: 2.38 min Scan# 294

Delta R.T. -0.01 min

Lab File: VX003237.D

Acq: 07 Jul 2018 02:27

Instrument :

MSVOA_X

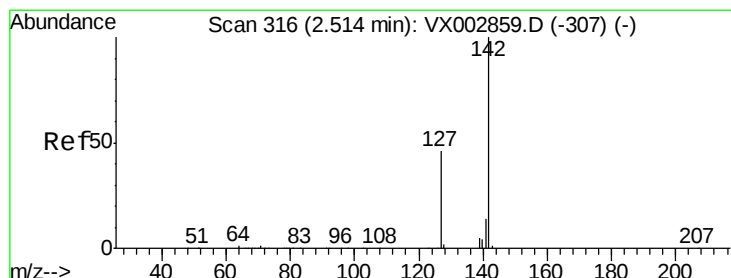
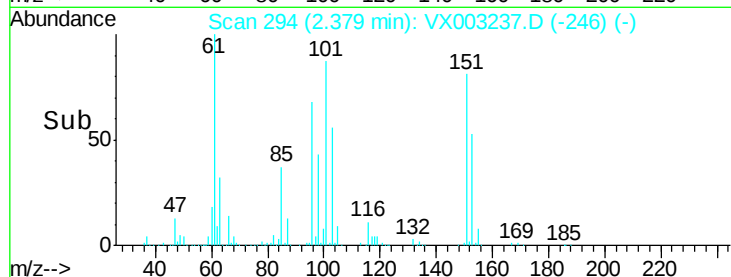
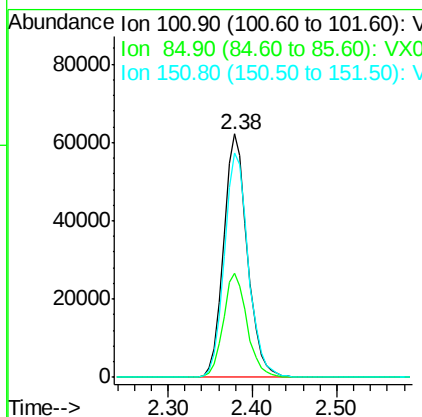
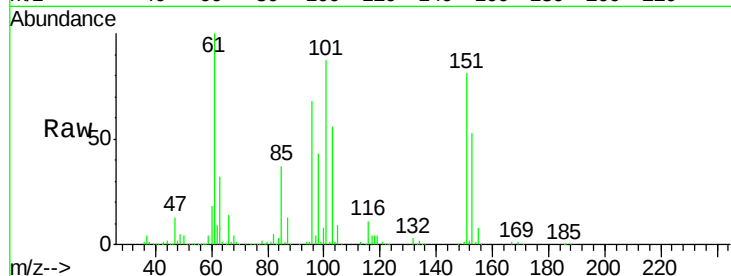
ClientSampleId :

VSTDCCC050EC

Tot Ion:	101	Resp:	119764
Ion Ratio	Lower	Upper	
101	100		
85	42.9	36.0	54.0
151	93.3	70.9	106.3

Manual Integrations
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#10

Methyl Iodide

Concen: 45.280 ug/l

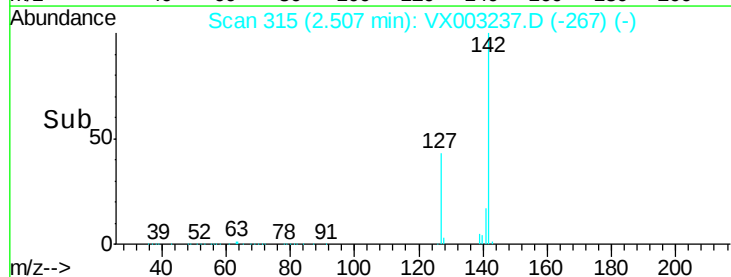
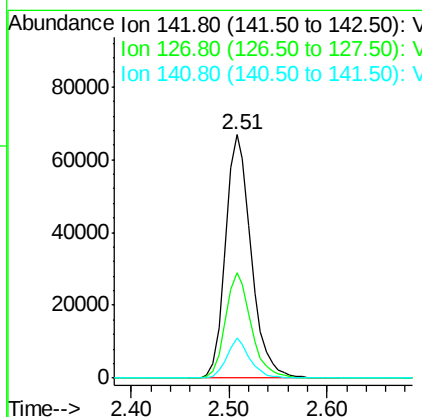
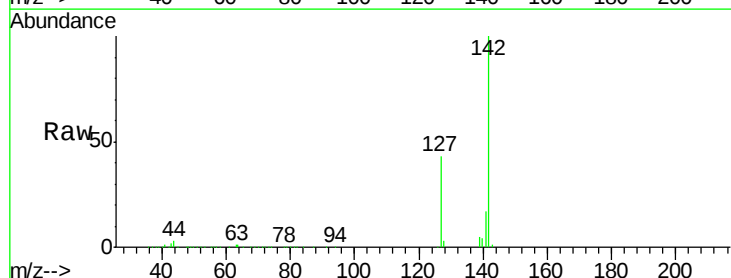
RT: 2.51 min Scan# 315

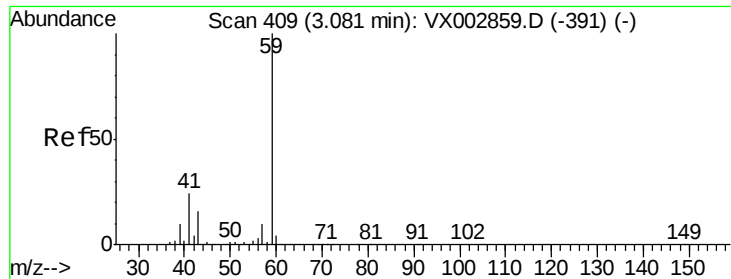
Delta R.T. -0.01 min

Lab File: VX003237.D

Acq: 07 Jul 2018 02:27

Tgt Ion:	142	Resp:	121273
Ion Ratio	Lower	Upper	
142	100		
127	43.2	36.6	55.0
141	15.0	11.3	16.9





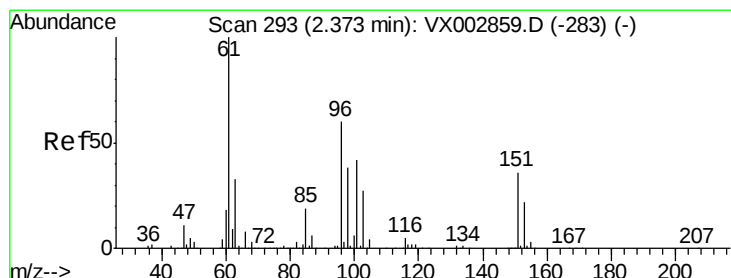
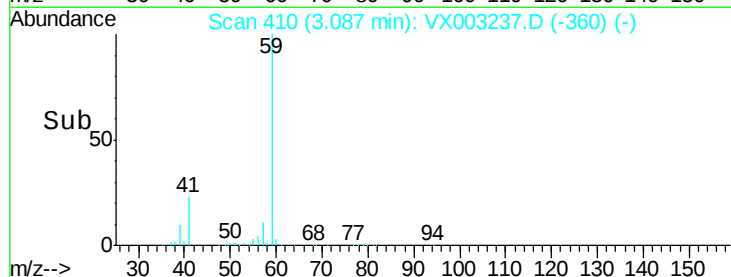
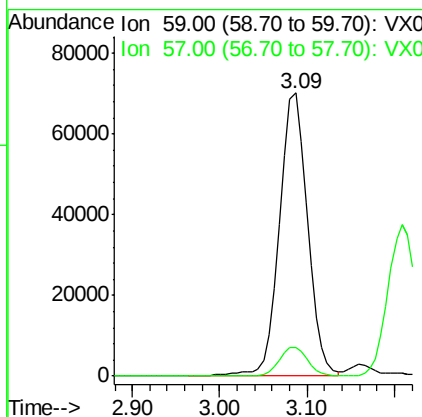
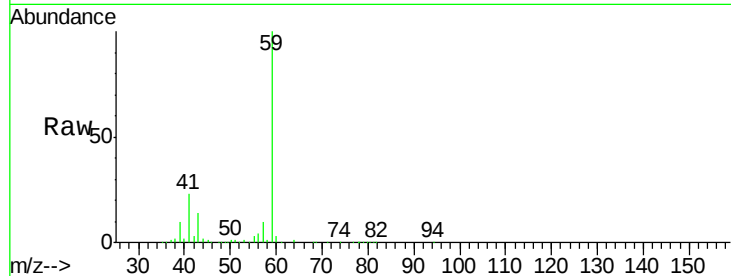
#11
Tert butyl alcohol
Concen: 235.616 ug/l
RT: 3.09 min Scan# 410
Delta R.T. 0.01 min
Lab File: VX003237.D
Acq: 07 Jul 2018 02:27

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 59 Resp: 157342
Ion Ratio Lower Upper
59 100
57 10.3 8.2 12.2

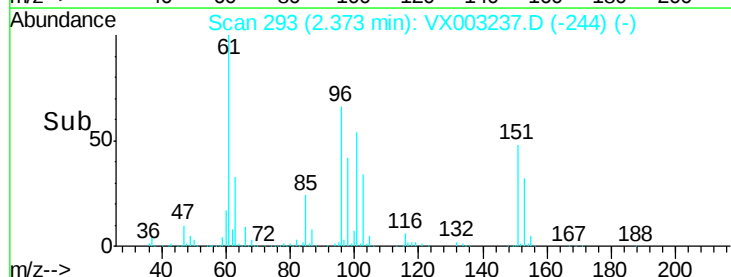
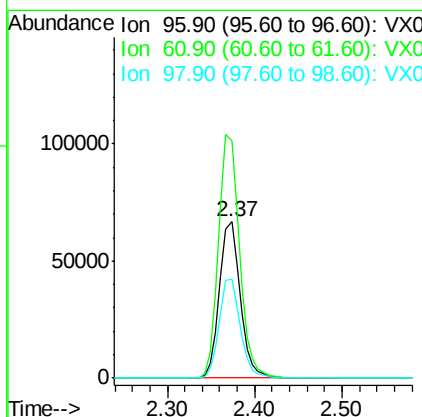
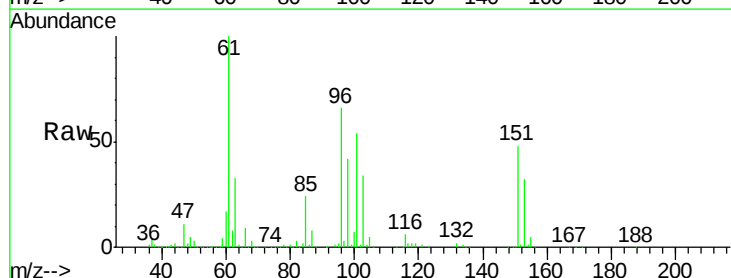
Manual Integrations
APPROVED

MMDadoda
7/9/2018 12:56:56 PM



#12
1,1-Dichloroethene
Concen: 46.047 ug/l
RT: 2.37 min Scan# 293
Delta R.T. -0.00 min
Lab File: VX003237.D
Acq: 07 Jul 2018 02:27

Tgt Ion: 96 Resp: 110136
Ion Ratio Lower Upper
96 100
61 151.7 137.9 206.9
98 63.4 51.6 77.4





#13

Acrolein

Concen: 193.398 ug/l

RT: 2.29 min Scan# 280

Delta R.T. 0.00 min

Lab File: VX003237.D

Acq: 07 Jul 2018 02:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 56 Resp: 71239

Ion Ratio Lower Upper

56 100

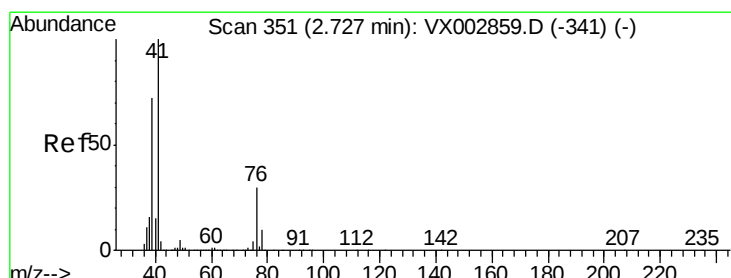
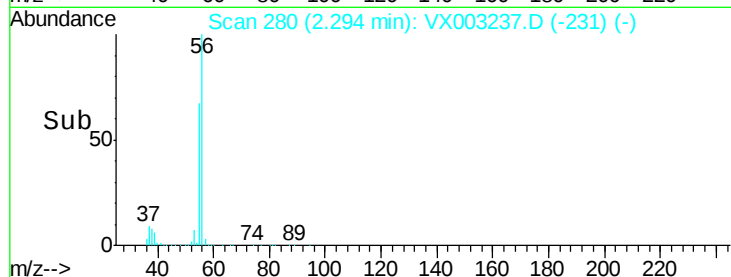
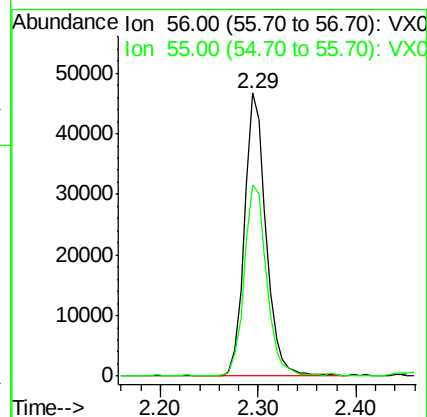
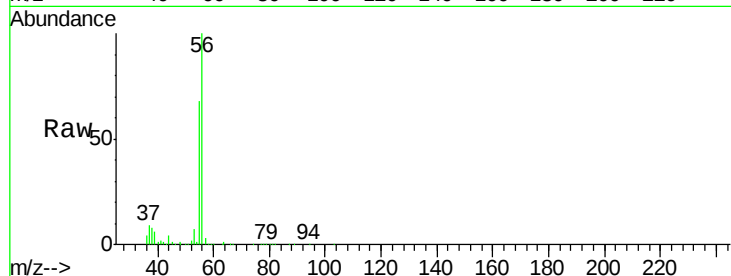
55 69.6 57.0 85.4

Manual Integrations

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7/9/2018 12:56:56 PM



#14

Allyl chloride

Concen: 43.561 ug/l

RT: 2.73 min Scan# 351

Delta R.T. -0.00 min

Lab File: VX003237.D

Acq: 07 Jul 2018 02:27

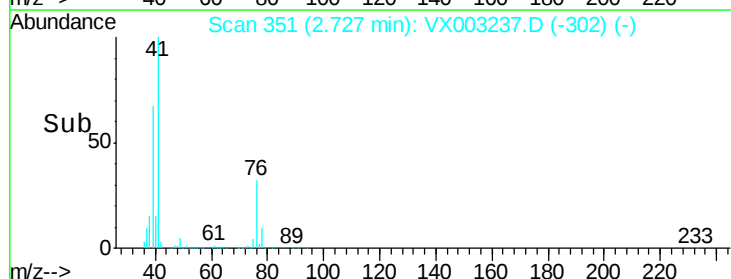
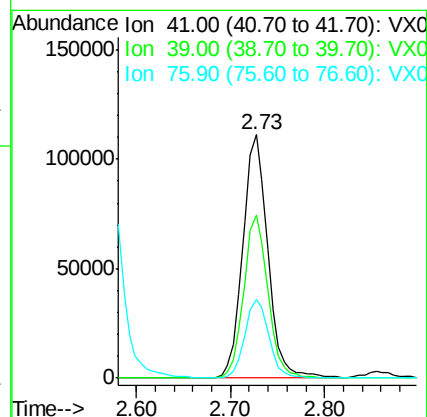
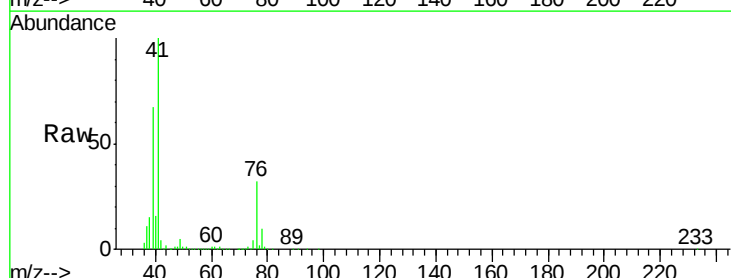
Tgt Ion: 41 Resp: 205386

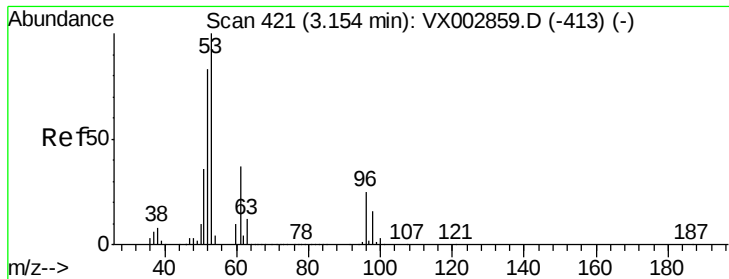
Ion Ratio Lower Upper

41 100

39 64.8 56.8 85.2

76 31.2 23.8 35.8





#15

Acrylonitrile

Concen: 240.533 ug/l

RT: 3.15 min Scan# 421

Delta R.T. -0.00 min

Lab File: VX003237.D

Acq: 07 Jul 2018 02:27

Instrument :

MSVOA_X

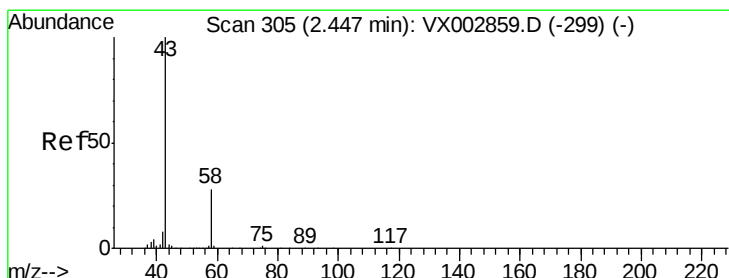
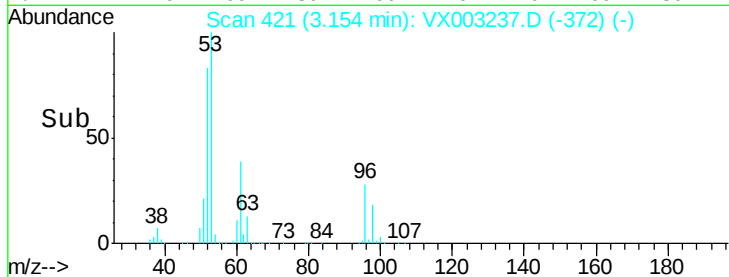
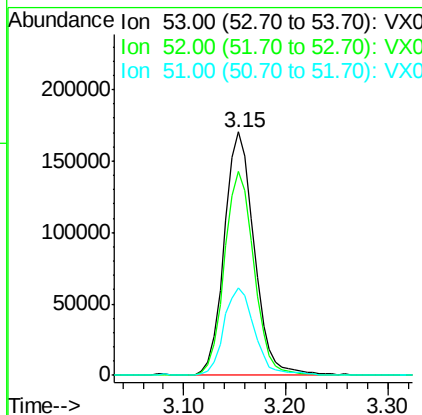
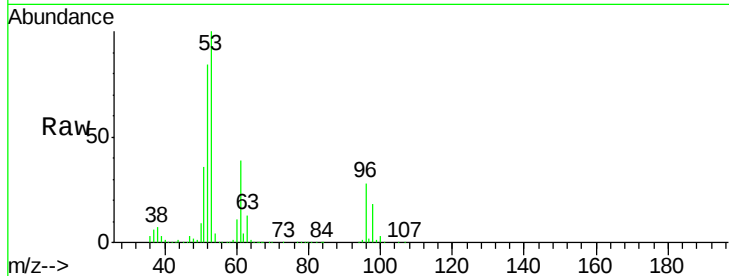
ClientSampleId :

VSTDCCC050EC

Tot Ion:	53	Resp:	343088
Ion Ratio	Lower	Upper	
53	100		
52	83.7	66.7	100.1
51	37.1	29.9	44.9

Manual Integrations
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#16

Acetone

Concen: 227.003 ug/l

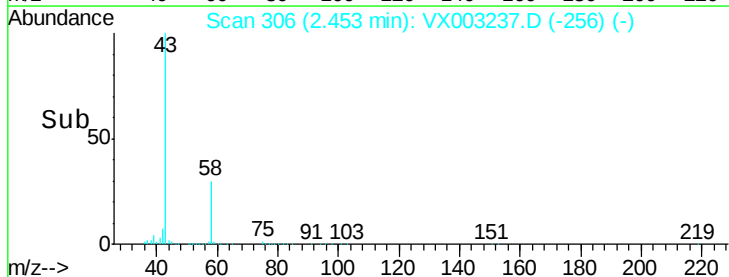
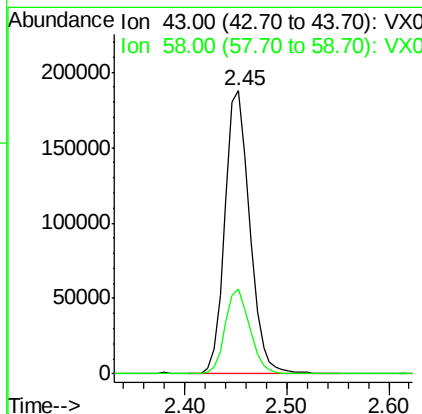
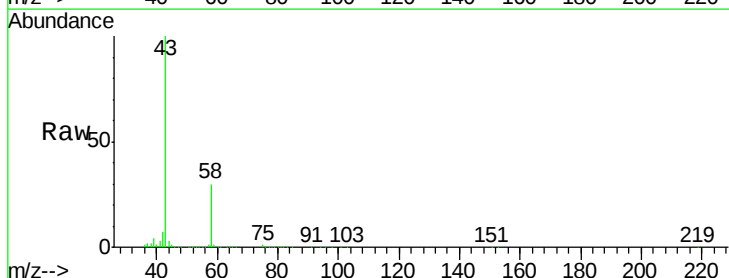
RT: 2.45 min Scan# 306

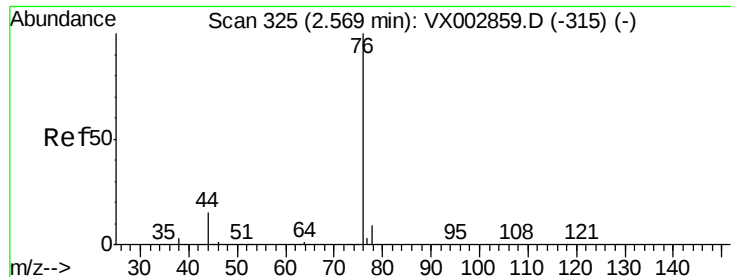
Delta R.T. 0.01 min

Lab File: VX003237.D

Acq: 07 Jul 2018 02:27

Tgt Ion:	43	Resp:	315136
Ion Ratio	Lower	Upper	
43	100		
58	30.1	22.1	33.1





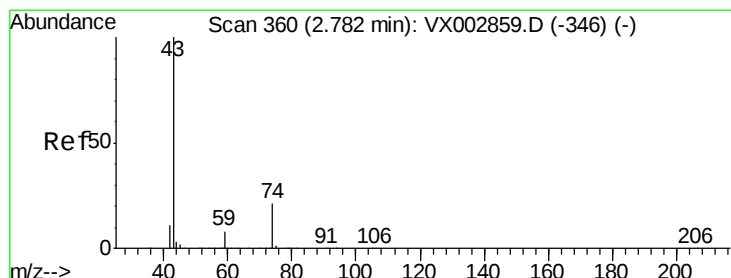
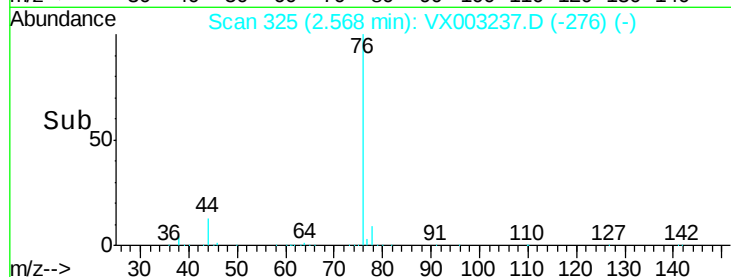
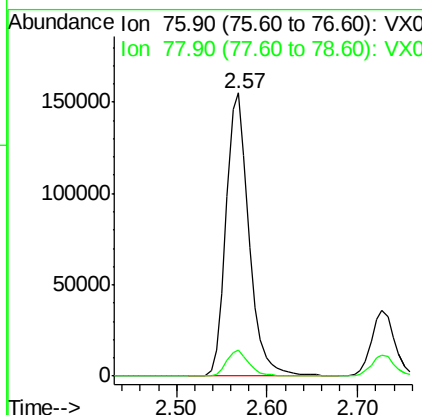
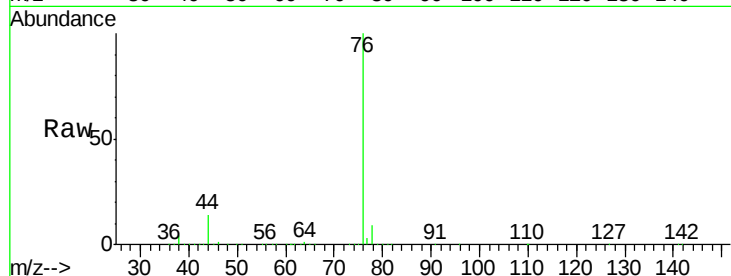
#17
Carbon Disulfide
Concen: 42.688 ug/l
RT: 2.57 min Scan# 325
Delta R.T. -0.00 min
Lab File: VX003237.D
Acq: 07 Jul 2018 02:27

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.0	6.9	10.3

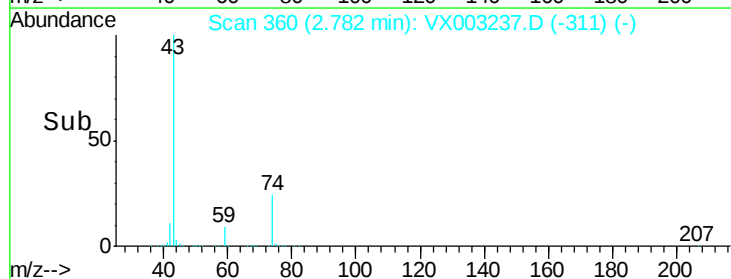
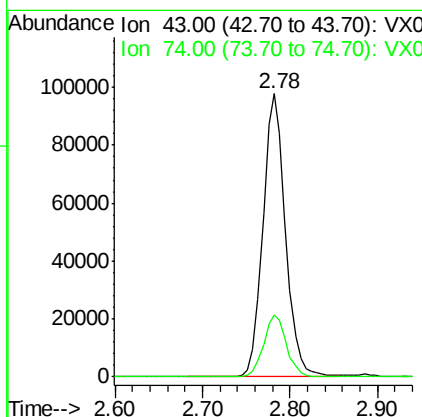
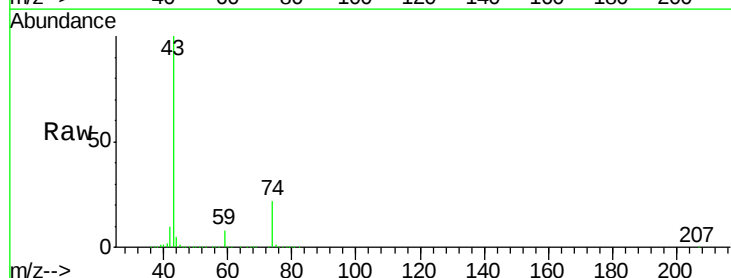
Manual Integrations
APPROVED

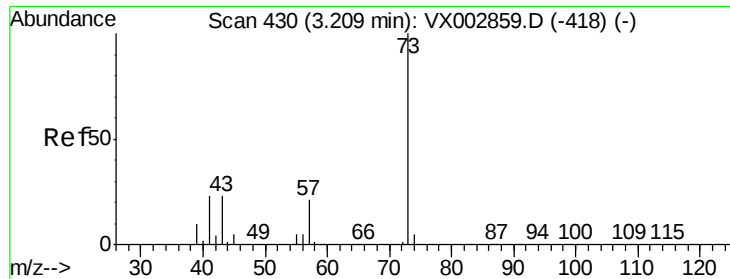
MMDadoda
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#18
Methyl Acetate
Concen: 45.045 ug/l
RT: 2.78 min Scan# 360
Delta R.T. -0.00 min
Lab File: VX003237.D
Acq: 07 Jul 2018 02:27

Tgt Ion	Ratio	Lower	Upper
43	100		
74	21.5	16.7	25.1





#19

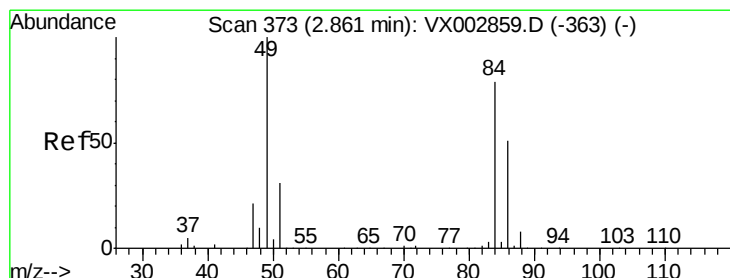
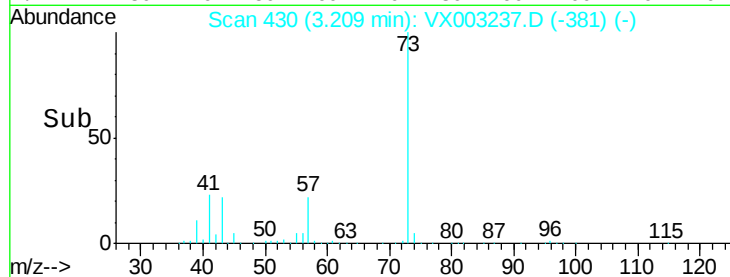
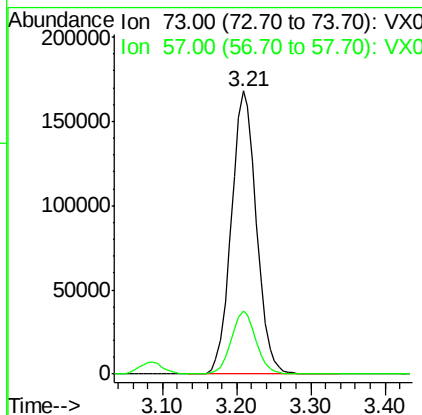
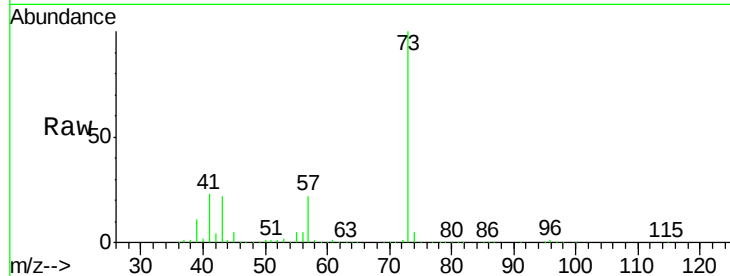
Methyl tert-butyl Ether
 Concen: 46.061 ug/l
 RT: 3.21 min Scan# 430
 Delta R.T. -0.00 min
 Lab File: VX003237.D
 Acq: 07 Jul 2018 02:27

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 73 Resp: 396070
 Ion Ratio Lower Upper
 73 100
 57 22.3 17.7 26.5

Manual Integrations
 APPROVED

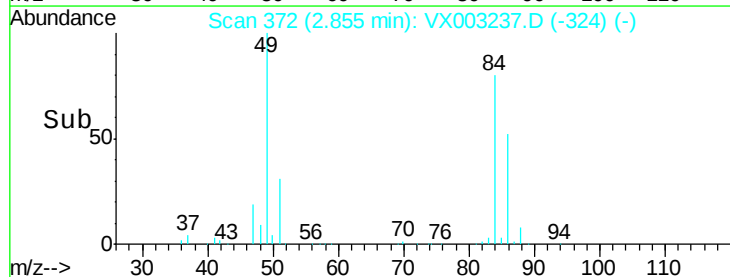
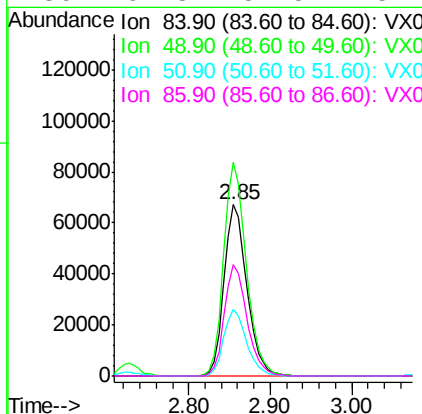
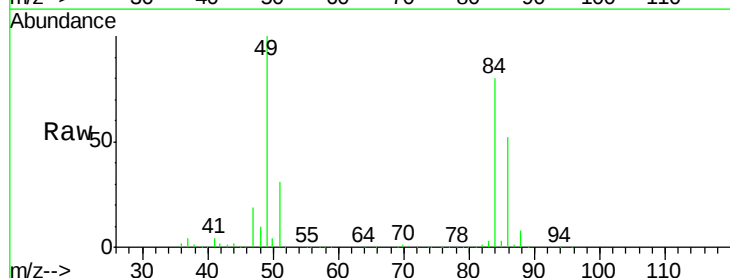
MMDadoda
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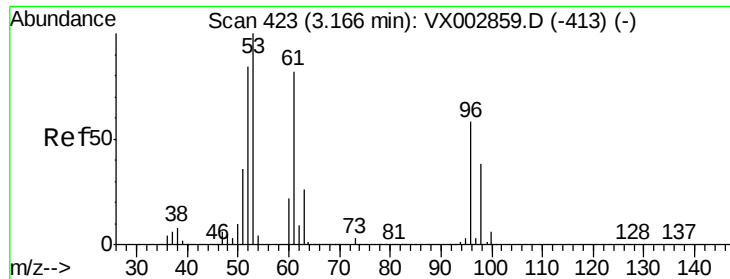


#20

Methylene Chloride
 Concen: 47.999 ug/l
 RT: 2.85 min Scan# 372
 Delta R.T. -0.01 min
 Lab File: VX003237.D
 Acq: 07 Jul 2018 02:27

Tgt Ion: 84 Resp: 129669
 Ion Ratio Lower Upper
 84 100
 49 124.9 107.8 161.6
 51 38.7 32.8 49.2
 86 64.8 52.5 78.7





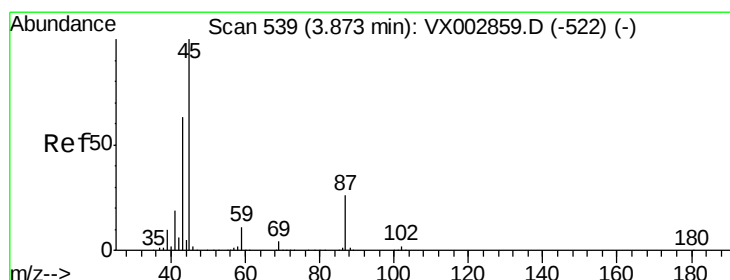
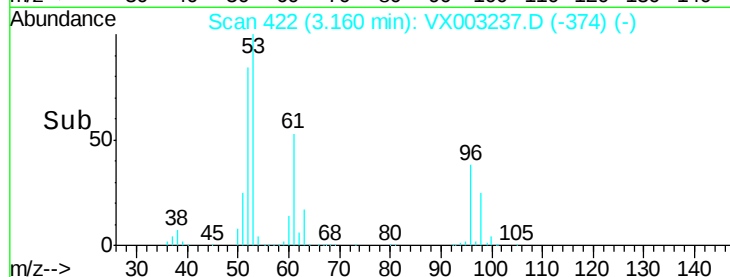
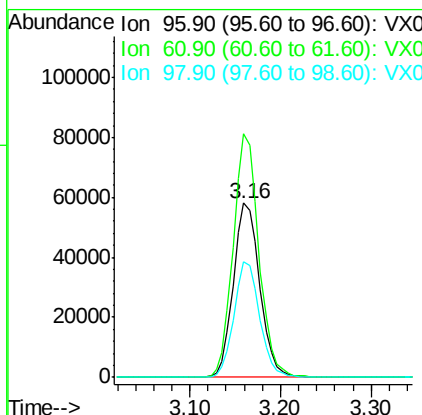
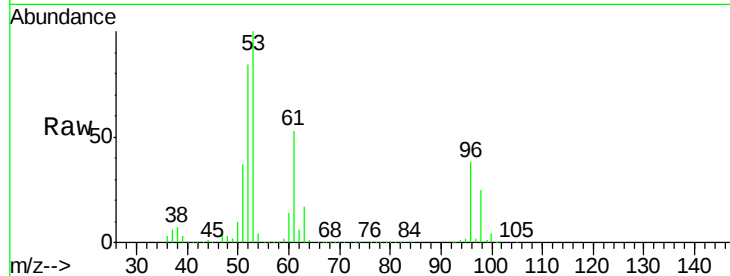
#21
trans-1,2-Dichloroethene
Concen: 45.122 ug/l
RT: 3.16 min Scan# 422
Delta R.T. -0.01 min
Lab File: VX003237.D
Acq: 07 Jul 2018 02:27

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
96	100		
61	139.7	117.0	175.4
98	66.7	52.4	78.6

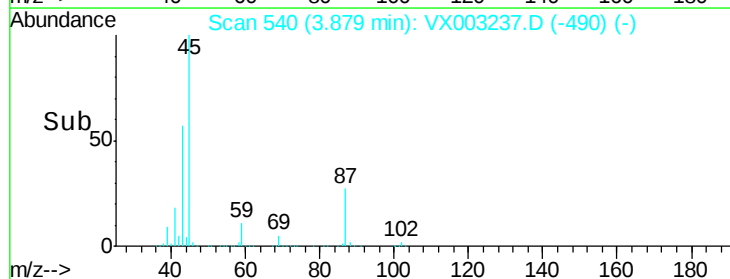
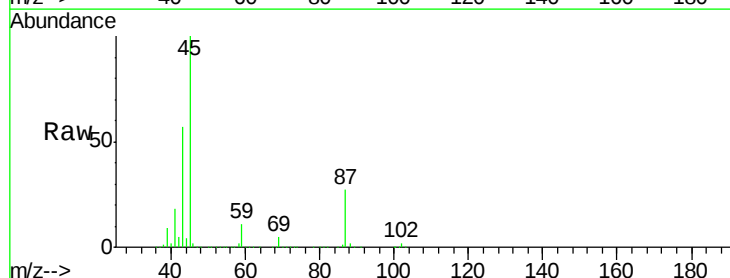
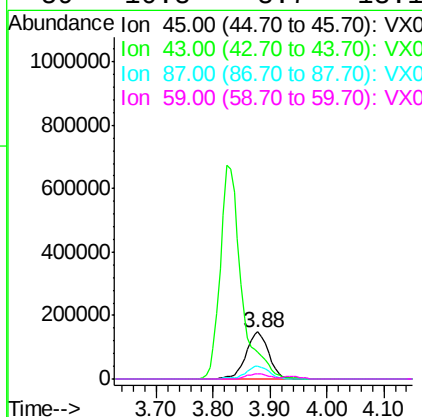
Manual Integrations
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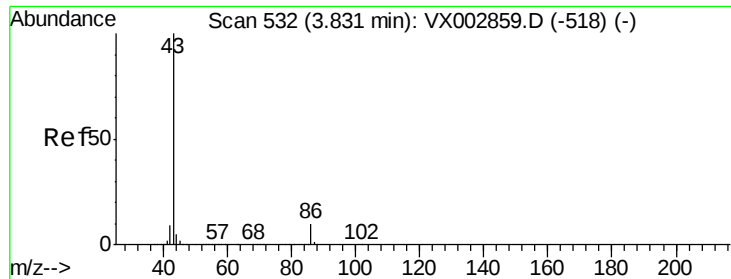
MMDadoda
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#22
Diisopropyl ether
Concen: 45.373 ug/l
RT: 3.88 min Scan# 540
Delta R.T. 0.01 min
Lab File: VX003237.D
Acq: 07 Jul 2018 02:27

Tgt Ion	Ratio	Lower	Upper
45	100		
43	56.8	46.8	70.2
87	27.4	20.2	30.4
59	10.8	8.7	13.1





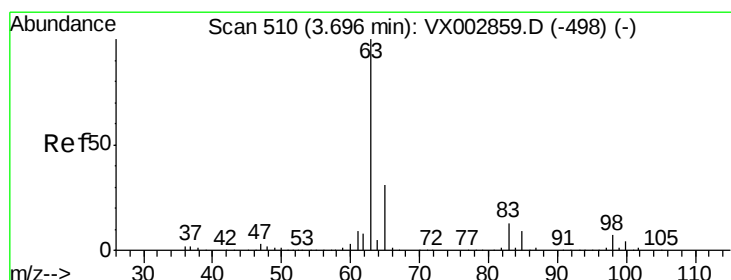
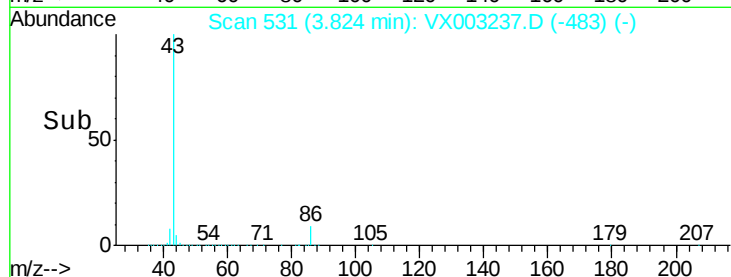
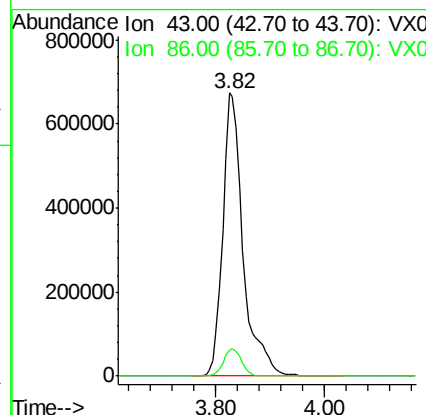
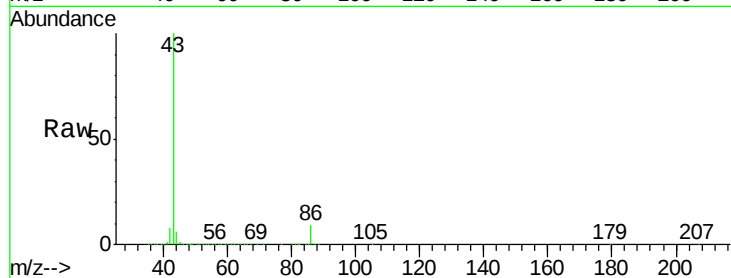
#23
 Vinyl Acetate
 Concen: 228.009 ug/l
 RT: 3.82 min Scan# 531
 Delta R.T. -0.01 min
 Lab File: VX003237.D
 Acq: 07 Jul 2018 02:27

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 43 Resp: 1740057
 Ion Ratio Lower Upper
 43 100
 86 9.1 7.4 11.0

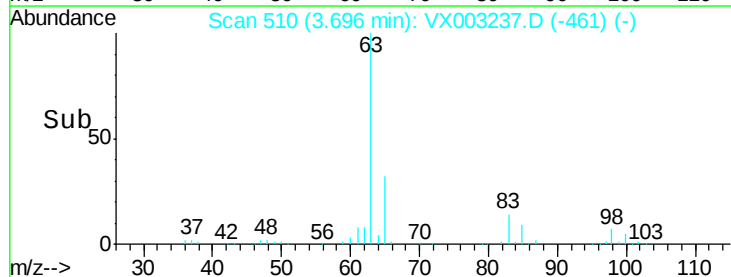
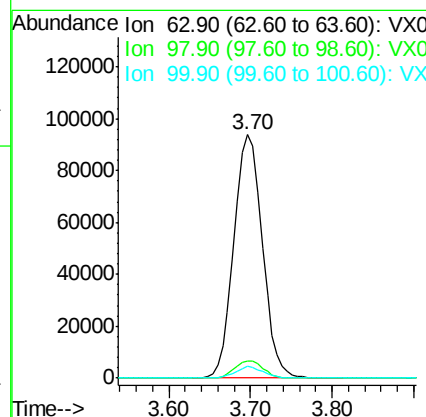
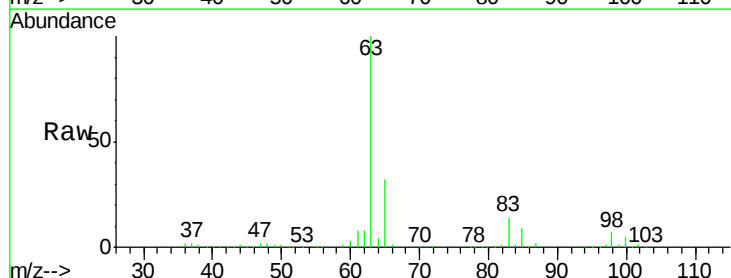
Manual Integrations
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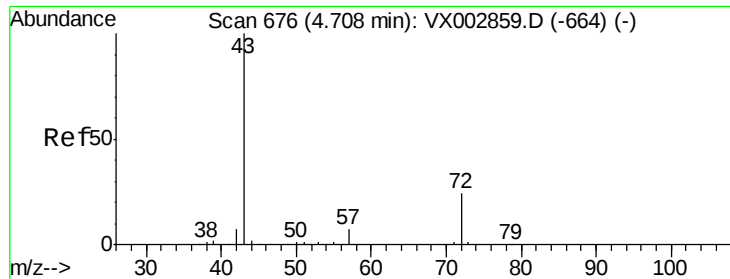
MMDadoda
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#24
 1,1-Dichloroethane
 Concen: 46.229 ug/l
 RT: 3.70 min Scan# 510
 Delta R.T. -0.00 min
 Lab File: VX003237.D
 Acq: 07 Jul 2018 02:27

Tgt Ion: 63 Resp: 226453
 Ion Ratio Lower Upper
 63 100
 98 7.0 3.4 10.2
 100 4.7 2.0 6.0





#25

2-Butanone

Concen: 264.482 ug/l

RT: 4.71 min Scan# 677

Delta R.T. 0.01 min

Lab File: VX003237.D

Acq: 07 Jul 2018 02:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 544910

Ion Ratio Lower Upper

43 100

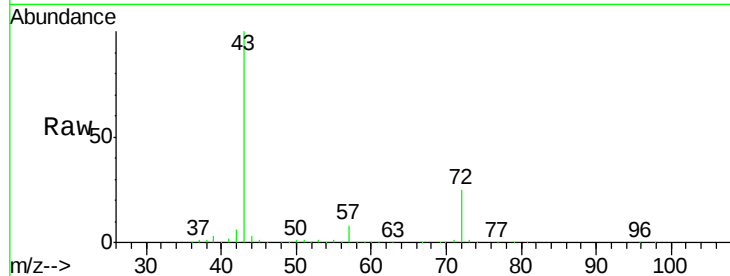
72 25.2 18.5 27.7

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

200000

150000

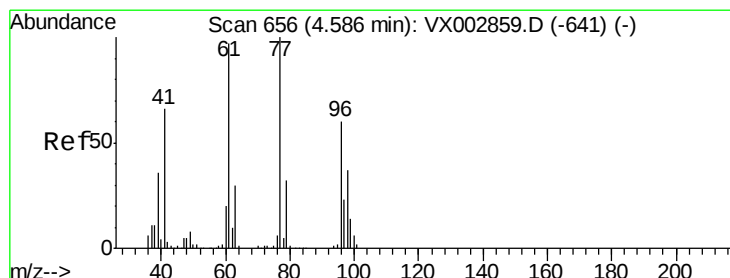
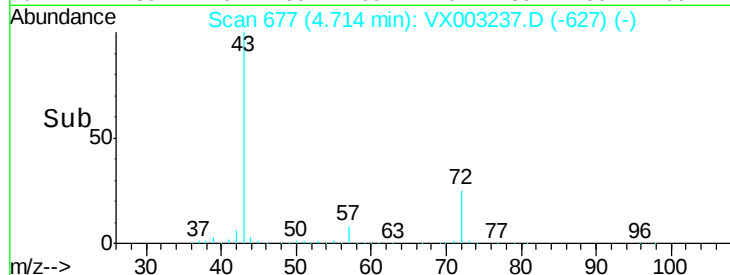
100000

50000

0

4.60 4.70 4.80

Time-->



#26

2,2-Dichloropropane

Concen: 34.935 ug/l

RT: 4.59 min Scan# 656

Delta R.T. -0.00 min

Lab File: VX003237.D

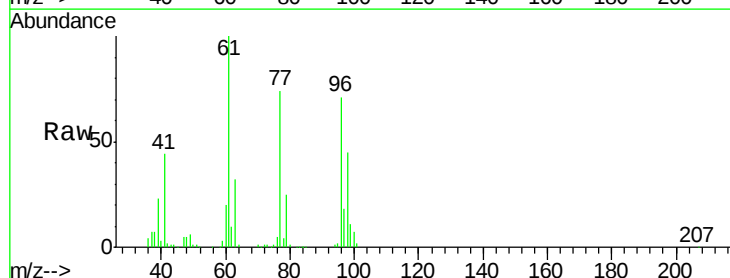
Acq: 07 Jul 2018 02:27

Tgt Ion: 77 Resp: 139154

Ion Ratio Lower Upper

77 100

97 24.7 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

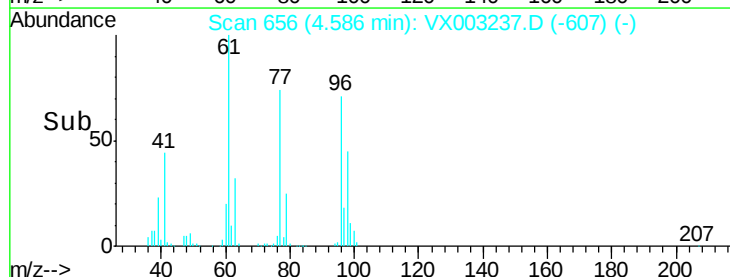
20000

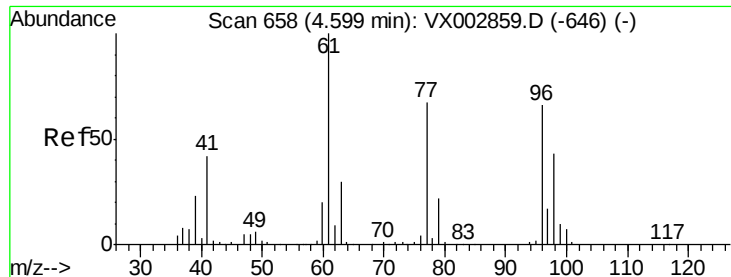
10000

0

4.40 4.50 4.60 4.70

Time-->





#27

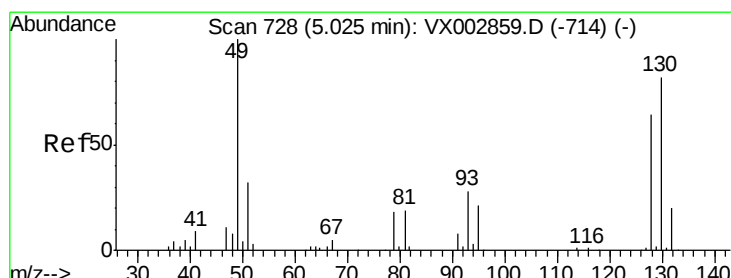
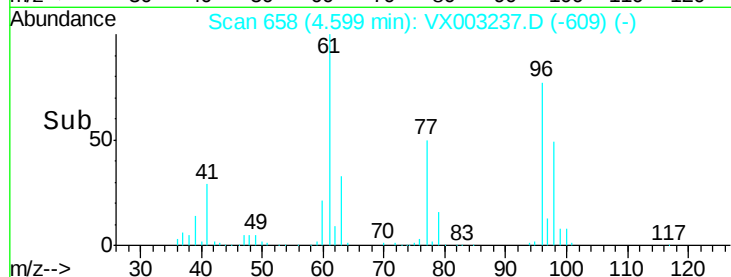
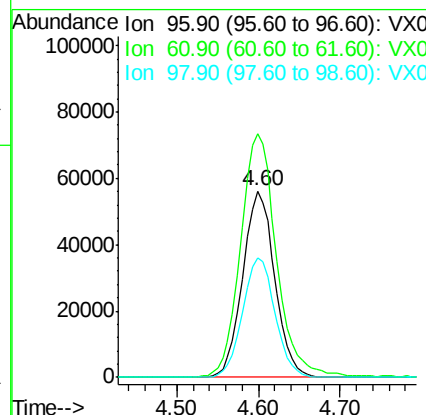
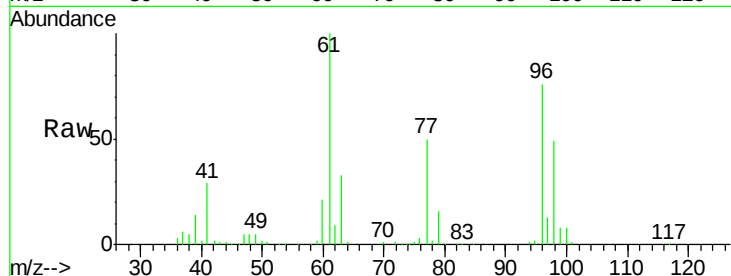
cis-1,2-Dichloroethene
Concen: 52.435 ug/l
RT: 4.60 min Scan# 658
Delta R.T. -0.00 min
Lab File: VX003237.D
Acq: 07 Jul 2018 02:27

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
96	100			
61	146.9	0.0	330.2	
98	65.1	0.0	130.2	

Manual Integrations
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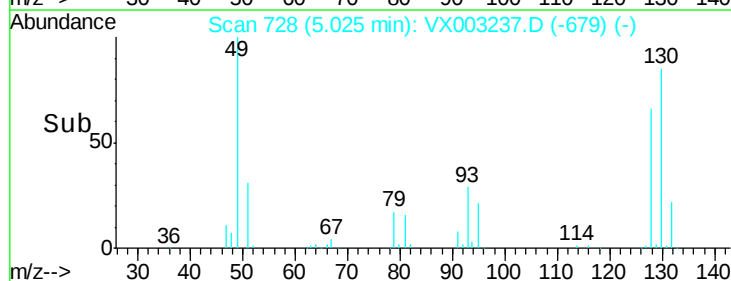
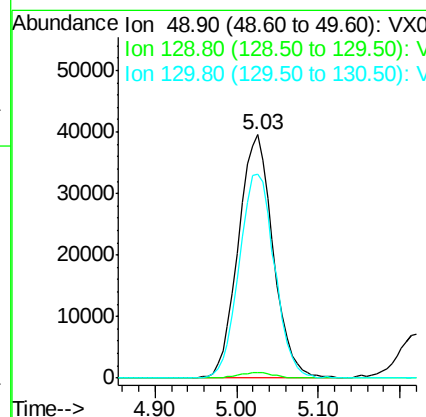
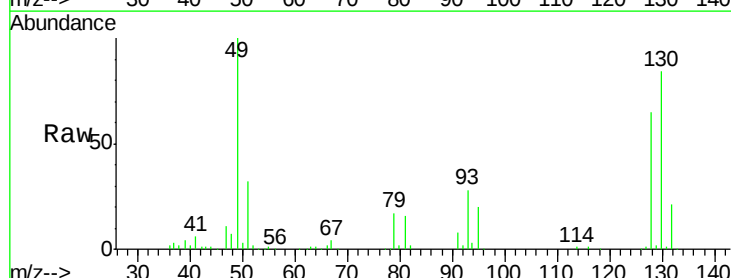
MMDadoda
7/9/2018 12:56:56 PM

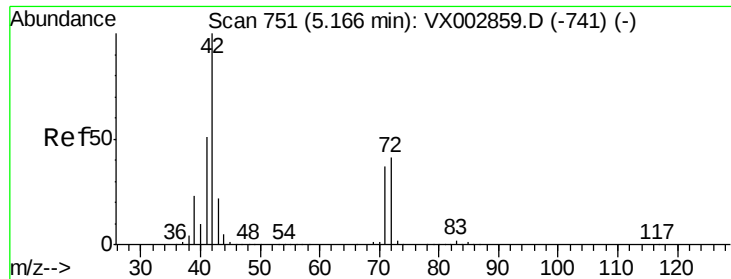


#28

Bromochloromethane
Concen: 49.949 ug/l
RT: 5.03 min Scan# 728
Delta R.T. -0.00 min
Lab File: VX003237.D
Acq: 07 Jul 2018 02:27

Tgt Ion	Ratio	Resp	Lower	Upper
49	100			
129	2.4	0.0	4.2	
130	85.4	61.2	91.8	





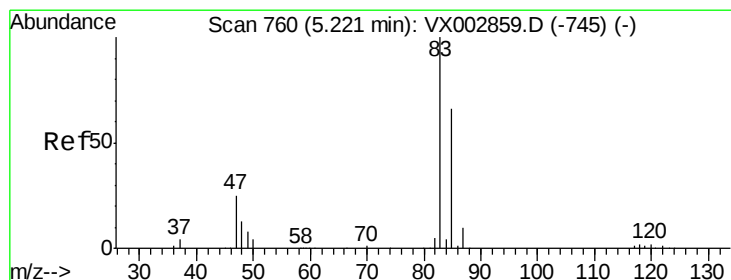
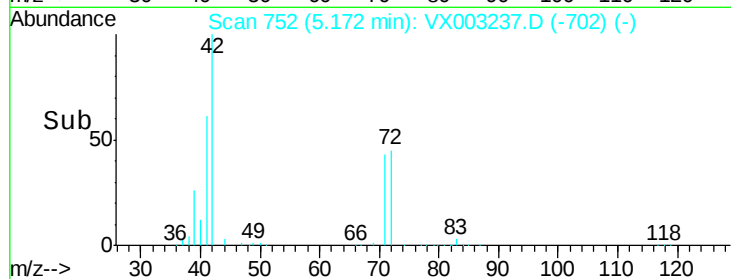
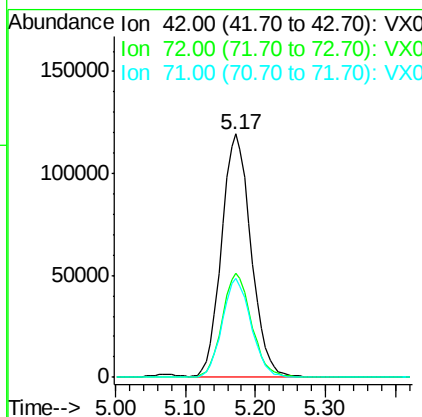
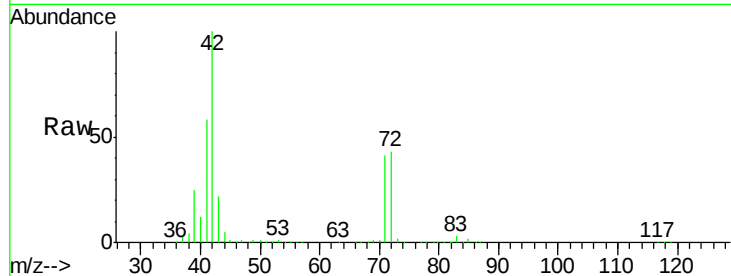
#29
Tetrahydrofuran
Concen: 263.955 ug/l
RT: 5.17 min Scan# 752
Delta R.T. 0.01 min
Lab File: VX003237.D
Acq: 07 Jul 2018 02:27

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
42	100		
72	42.8	32.0	48.0
71	40.0	30.1	45.1

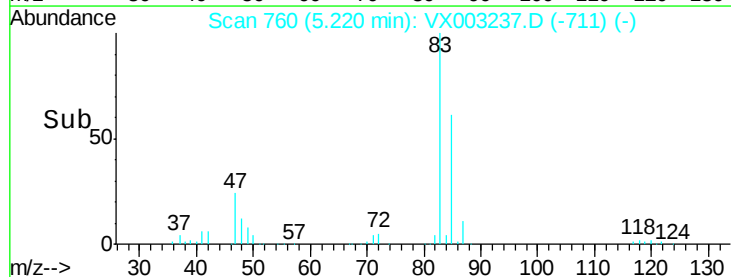
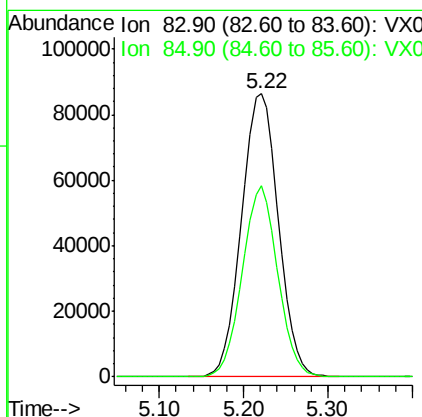
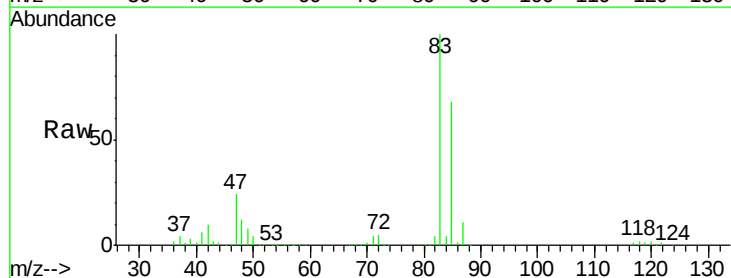
Manual Integrations
APPROVED

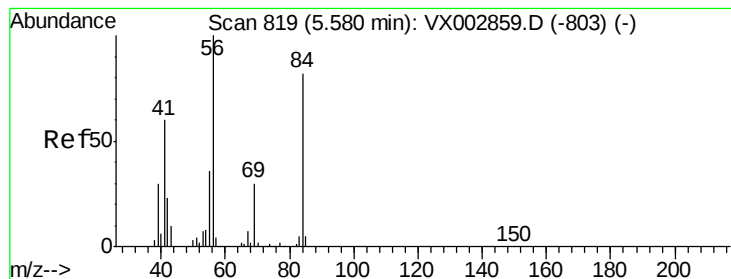
MMDadoda
7/9/2018 12:56:56 PM



#30
Chloroform
Concen: 51.019 ug/l
RT: 5.22 min Scan# 760
Delta R.T. -0.00 min
Lab File: VX003237.D
Acq: 07 Jul 2018 02:27

Tgt Ion	Ratio	Lower	Upper
83	100		
85	67.6	50.4	75.6





#31

Cyclohexane

Concen: 48.717 ug/l

RT: 5.57 min Scan# 818

Delta R.T. -0.01 min

Lab File: VX003237.D

Acq: 07 Jul 2018 02:27

Instrument :

MSVOA_X

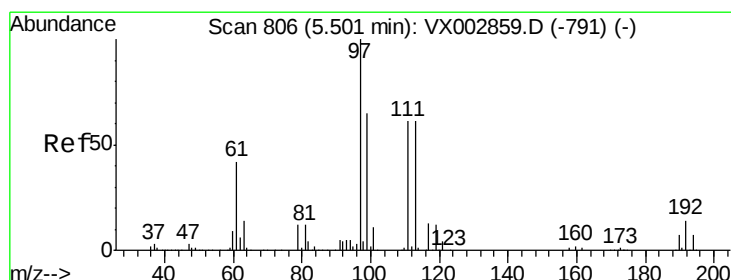
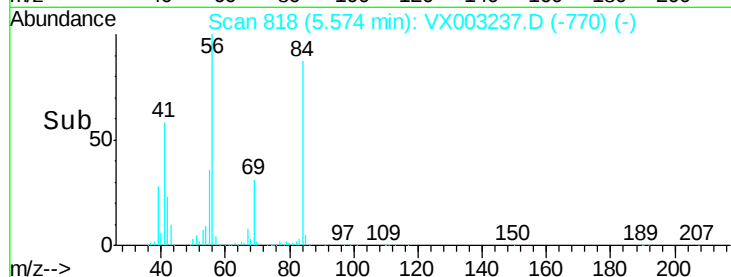
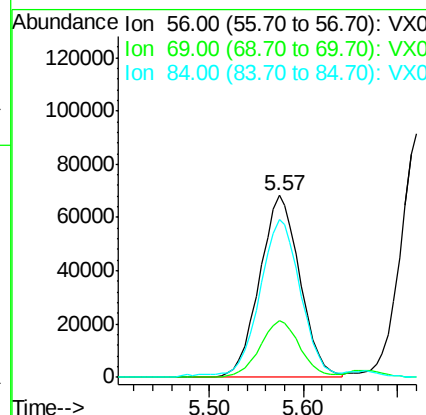
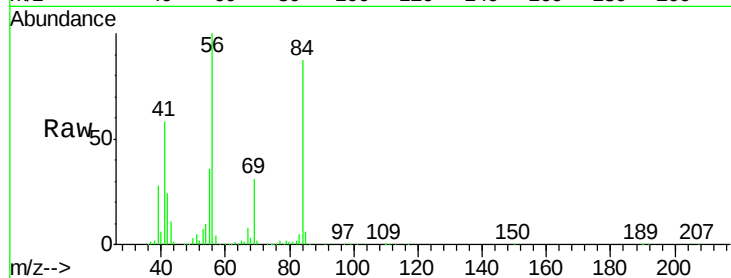
ClientSampleId :

VSTDCCC050EC

Tot Ion:	56	Resp:	204803
Ion	Ratio	Lower	Upper
56	100		
69	31.4	23.7	35.5
84	85.5	64.1	96.1

Manual Integrations
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7/9/2018 12:56:56 PM



#32

1,1,1-Trichloroethane

Concen: 50.356 ug/l

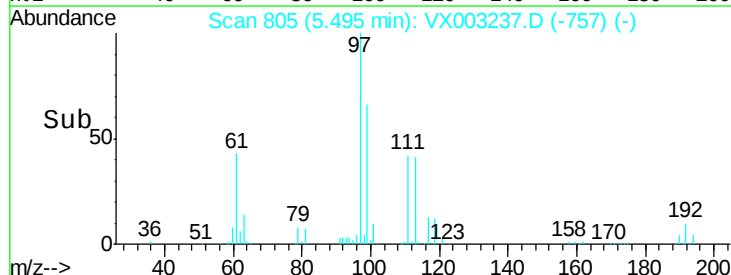
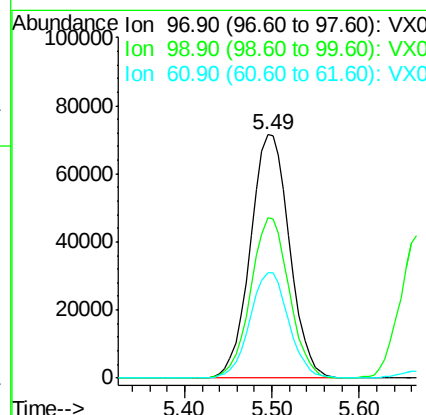
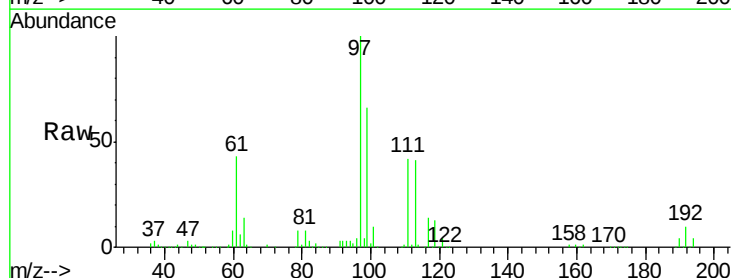
RT: 5.49 min Scan# 805

Delta R.T. -0.01 min

Lab File: VX003237.D

Acq: 07 Jul 2018 02:27

Tgt Ion:	97	Resp:	222727
Ion	Ratio	Lower	Upper
97	100		
99	64.7	51.6	77.4
61	43.2	36.4	54.6





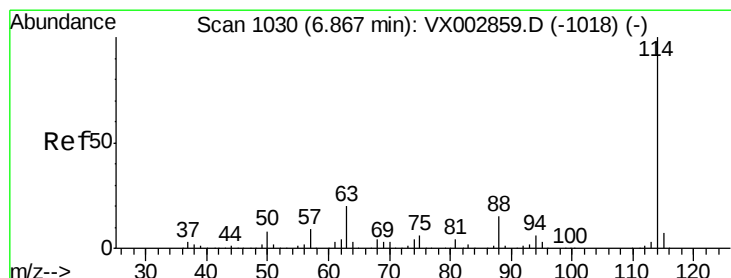
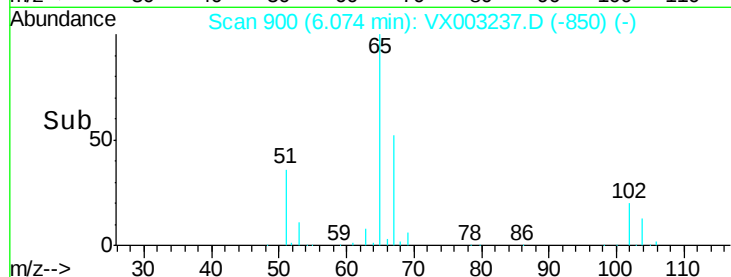
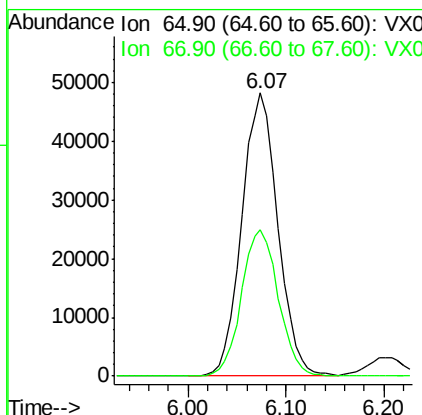
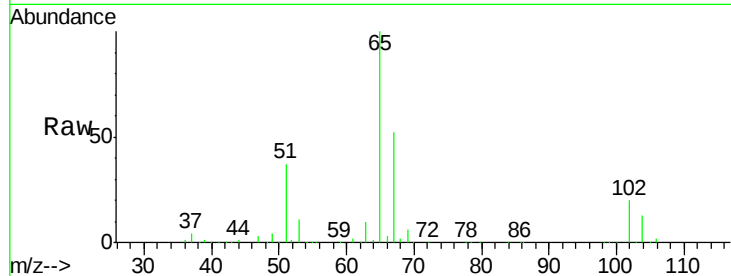
#33
 1,2-Dichloroethane-d4
 Concen: 36.724 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. 0.01 min
 Lab File: VX003237.D
 Acq: 07 Jul 2018 02:27

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
65	100	123106		
67	53.0	0.0	102.6	

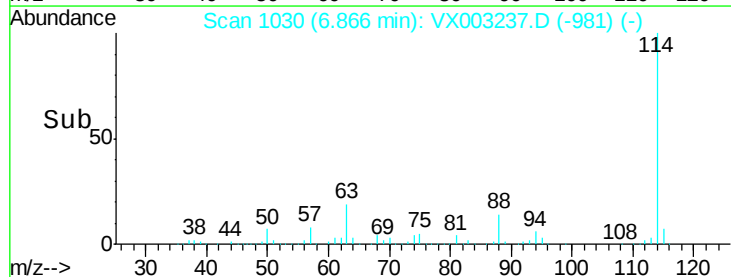
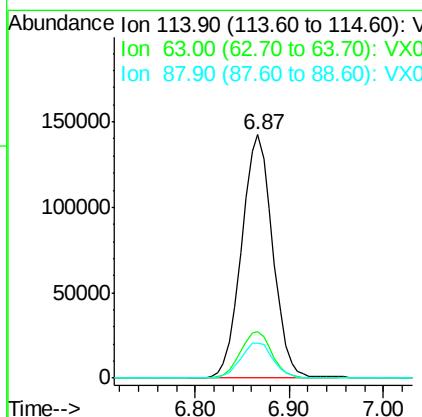
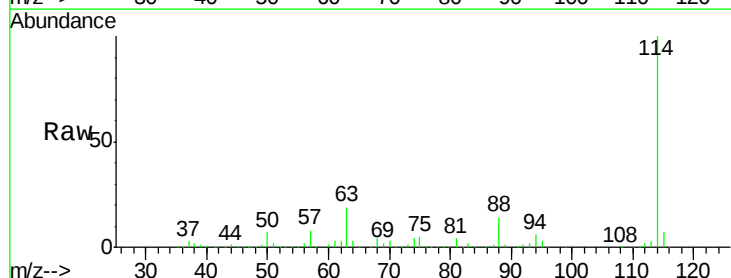
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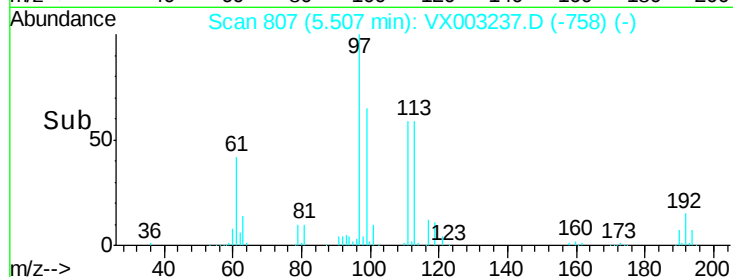
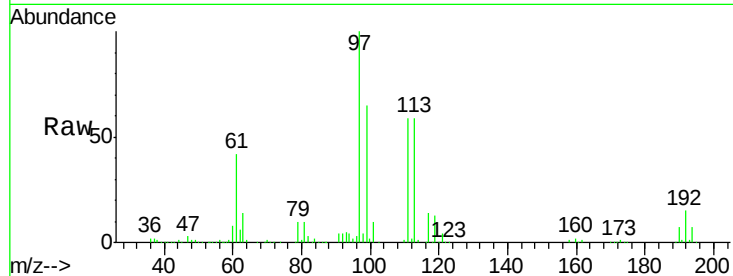
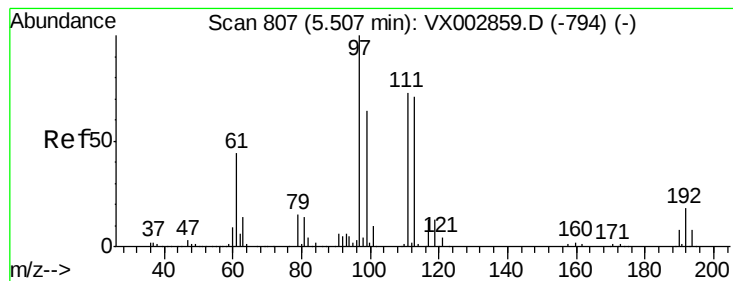
MMDadoda
 7/9/2018 12:56:56 PM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. -0.00 min
 Lab File: VX003237.D
 Acq: 07 Jul 2018 02:27

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	330688		
63	19.2	0.0	41.4	
88	14.5	0.0	30.0	





#35

Dibromofluoromethane

Concen: 40.967 ug/l

RT: 5.51 min Scan# 807

Delta R.T. -0.00 min

Lab File: VX003237.D

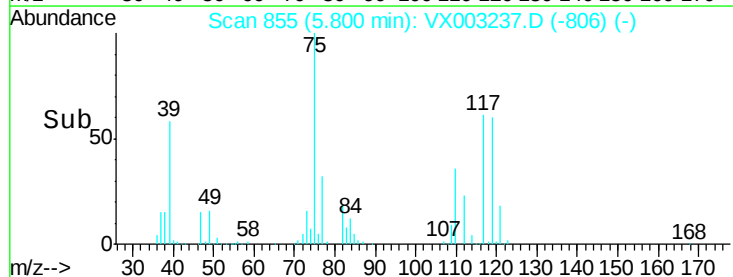
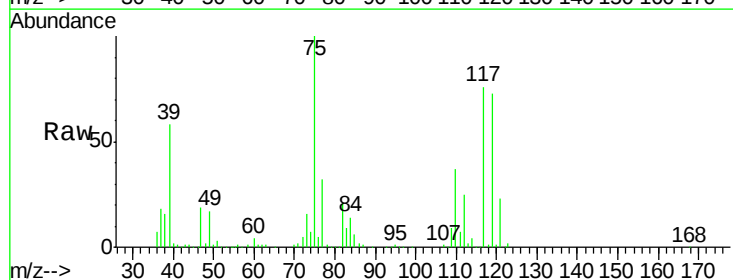
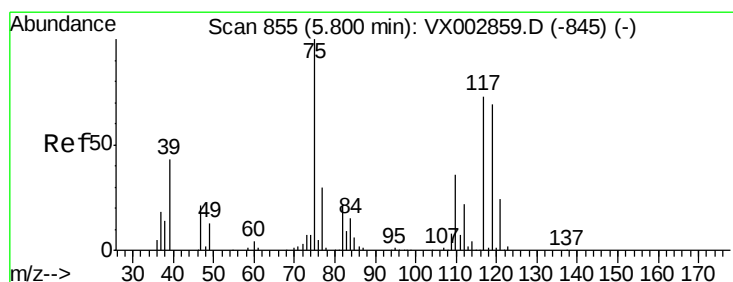
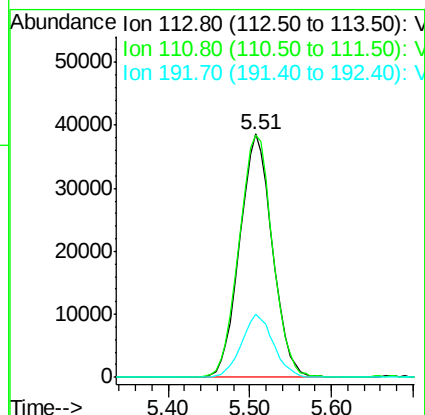
Acq: 07 Jul 2018 02:27

Tot Ion:	113	Resp:	107282
Ion Ratio	Lower	Upper	
113	100		
111	102.3	81.4	122.0
192	25.3	19.1	28.7

Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050EC

Manual Integrations
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7/9/2018 12:56:56 PM



#36

1,1-Dichloropropene

Concen: 49.527 ug/l

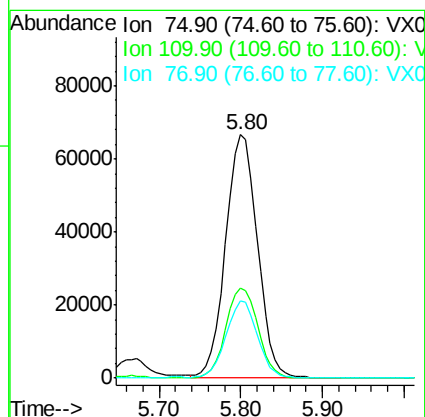
RT: 5.80 min Scan# 855

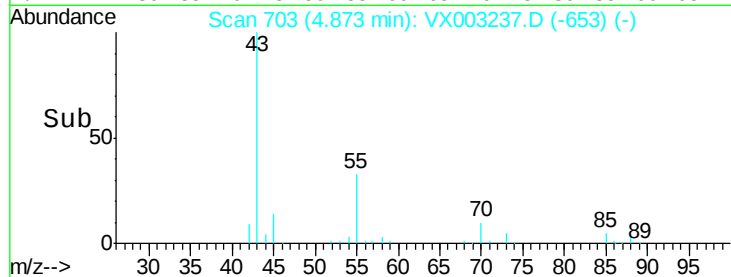
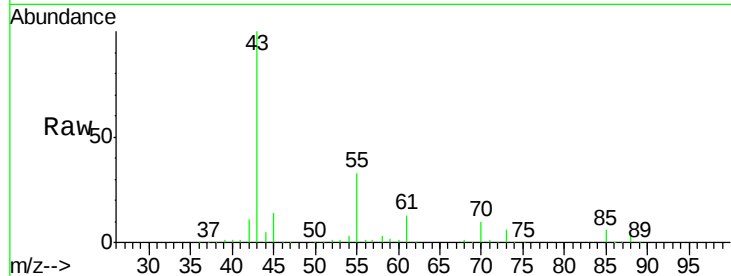
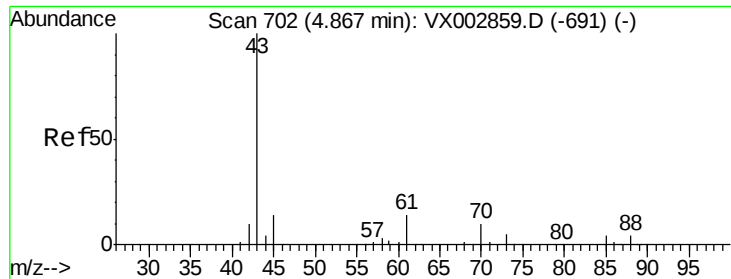
Delta R.T. -0.00 min

Lab File: VX003237.D

Acq: 07 Jul 2018 02:27

Tgt Ion:	75	Resp:	179605
Ion Ratio	Lower	Upper	
75	100		
110	37.5	18.1	54.4
77	31.0	24.3	36.5





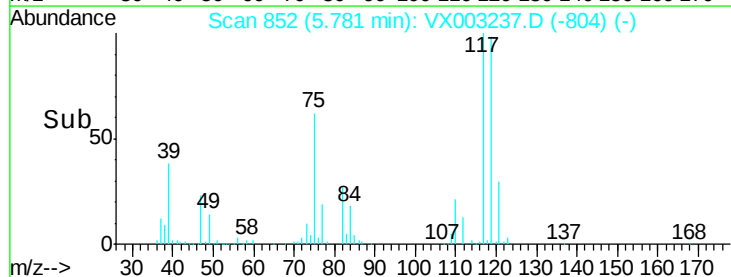
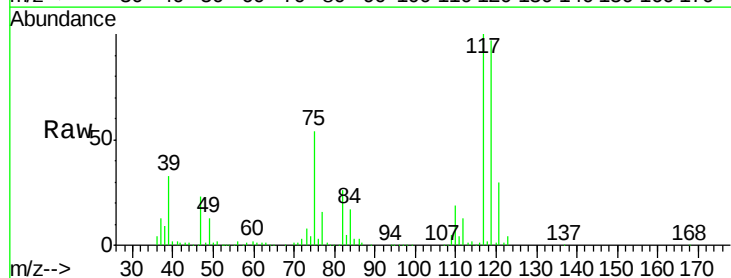
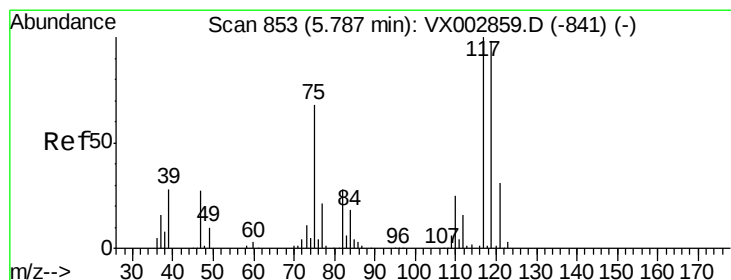
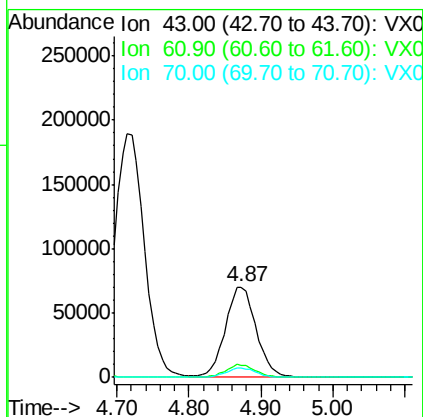
#37
Ethyl Acetate
Concen: 53.405 ug/l
RT: 4.87 min Scan# 703
Delta R.T. 0.01 min
Lab File: VX003237.D
Acq: 07 Jul 2018 02:27

Tot Ion	43	61	70	Ratio	100	13.3	10.3	Resp	208526	Lower	Upper
43	100										
61		13.3				10.4				15.6	
70			10.3				7.6				11.4

Instrument :
MSVOA_X
ClientSampleID :
VSTDCCC050EC

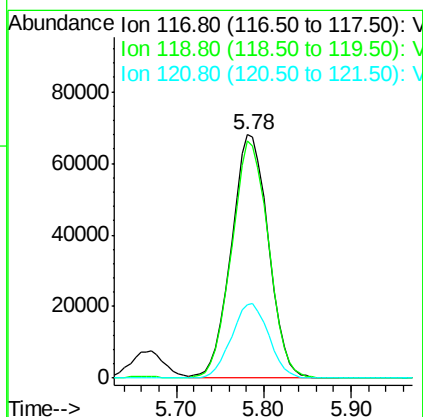
Manual Integrations
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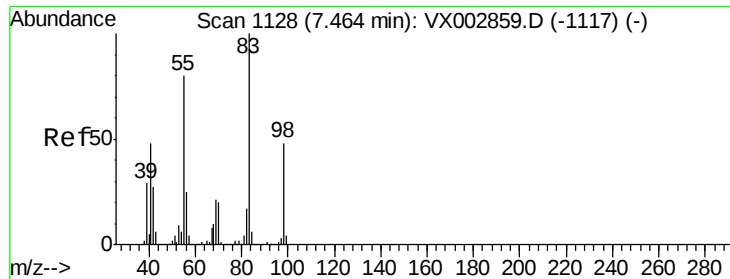
MMDadoda
7/9/2018 12:56:56 PM



#38
Carbon Tetrachloride
Concen: 50.185 ug/l
RT: 5.78 min Scan# 852
Delta R.T. -0.01 min
Lab File: VX003237.D
Acq: 07 Jul 2018 02:27

Tgt Ion	117	119	121	Ratio	100	97.2	30.1	Resp	199714	Lower	Upper
117	100										
119		97.2				77.4				116.0	
121			30.1				24.4				36.6





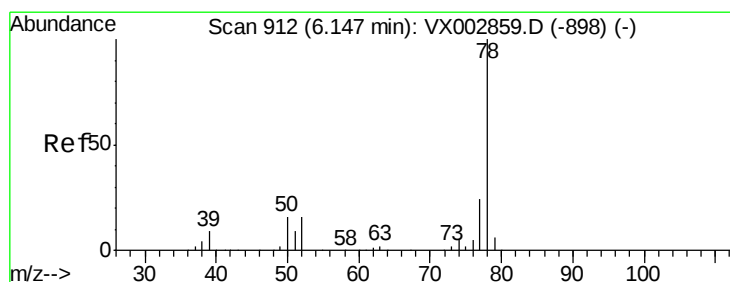
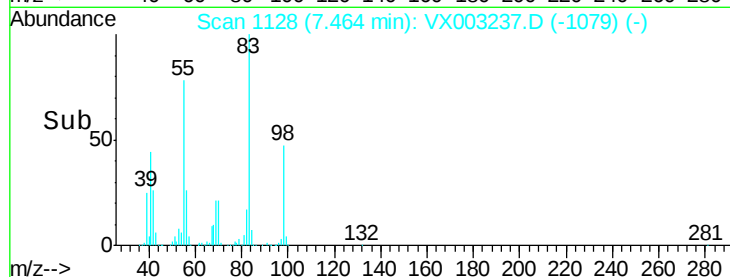
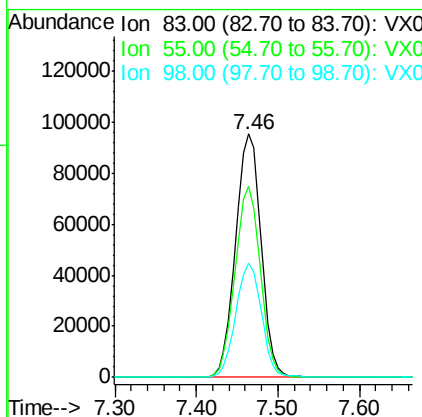
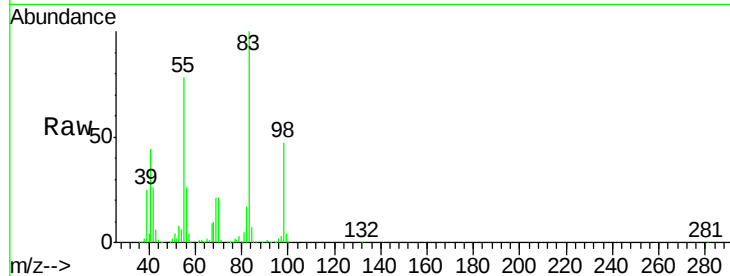
#39
Methylvlcyclohexane
Concen: 48.709 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. -0.00 min
Lab File: VX003237.D
Acq: 07 Jul 2018 02:27

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
83	100		
55	78.3	65.4	98.0
98	46.9	37.4	56.0

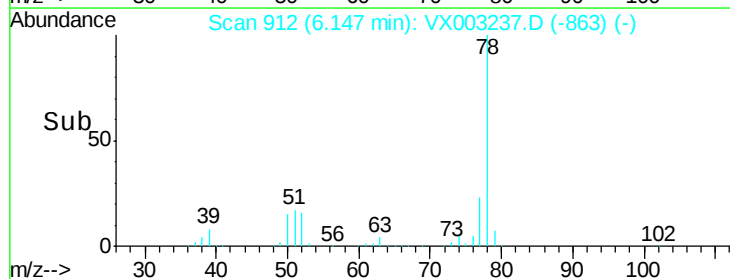
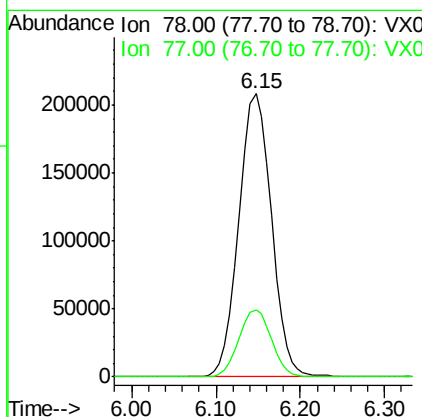
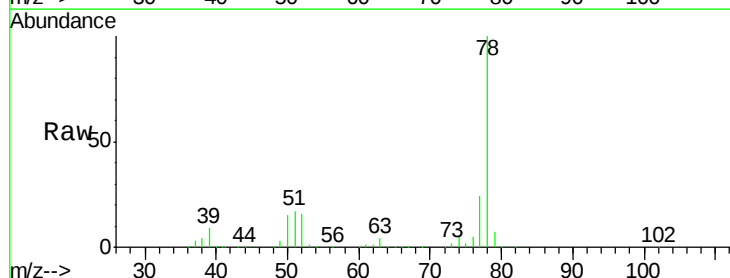
Manual Integrations
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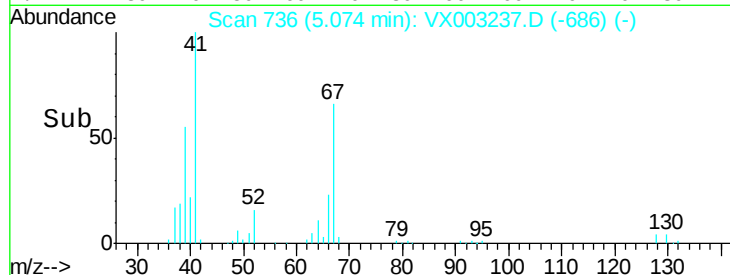
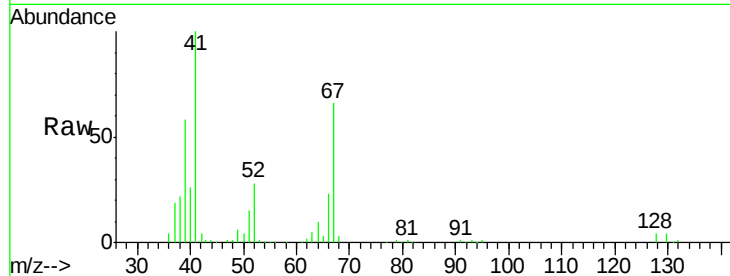
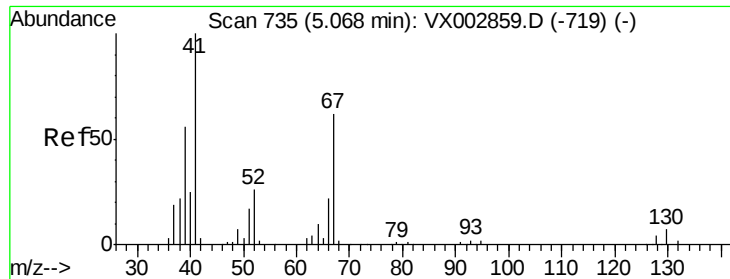
MMDadoda
7/9/2018 12:56:56 PM



#40
Benzene
Concen: 51.929 ug/l
RT: 6.15 min Scan# 912
Delta R.T. -0.00 min
Lab File: VX003237.D
Acq: 07 Jul 2018 02:27

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.9	19.1	28.7





#41

Methacrylonitrile

Concen: 53.024 ug/l

RT: 5.07 min Scan# 736

Delta R.T. 0.01 min

Lab File: VX003237.D

Acq: 07 Jul 2018 02:27

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	55.0	45.8	68.6	
67	67.0	51.3	76.9	
52	28.0	23.0	34.6	

Instrument :

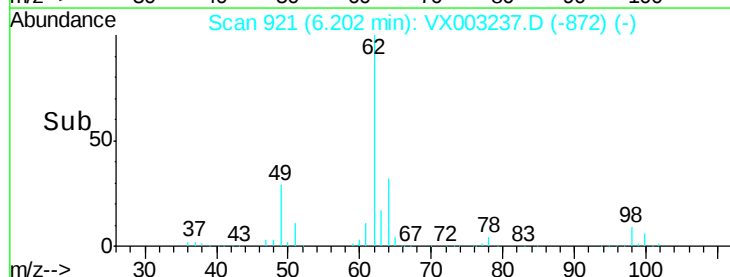
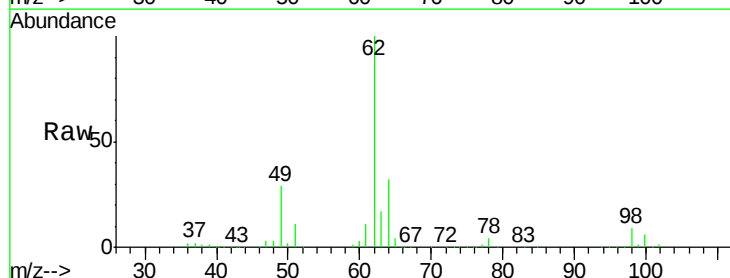
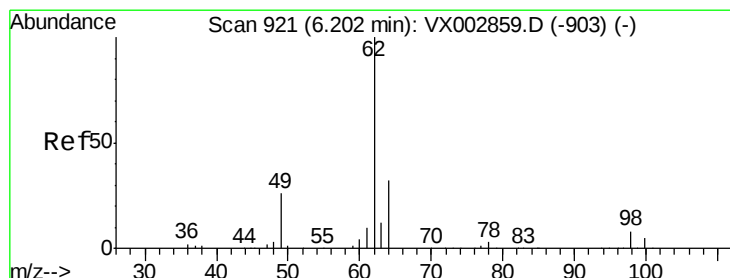
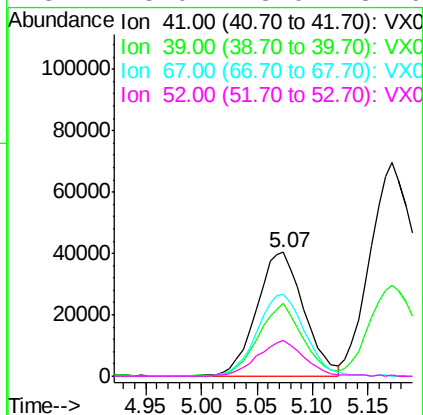
MSVOA_X

ClientSampleId :

VSTDCCC050EC

Manual Integrations
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MMDadoda
7/9/2018 12:56:56 PM



#42

1,2-Dichloroethane

Concen: 48.581 ug/l

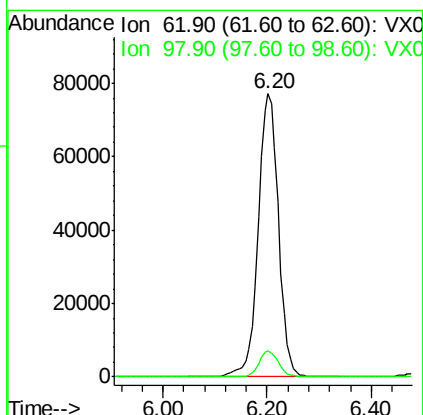
RT: 6.20 min Scan# 921

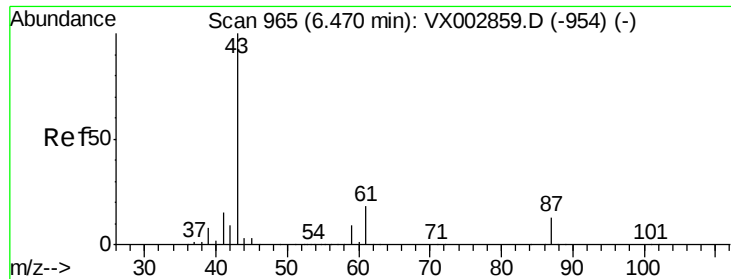
Delta R.T. -0.00 min

Lab File: VX003237.D

Acq: 07 Jul 2018 02:27

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	8.9	0.0	16.6	





#43

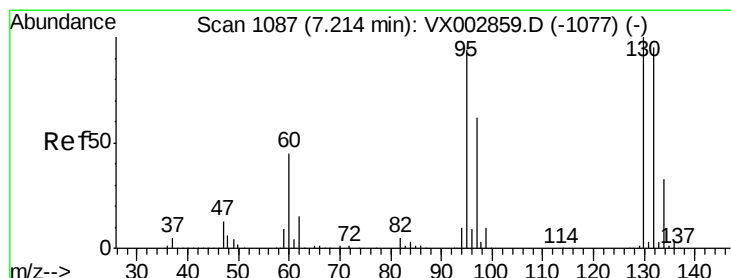
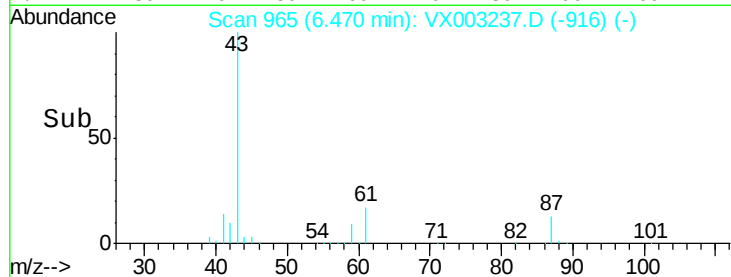
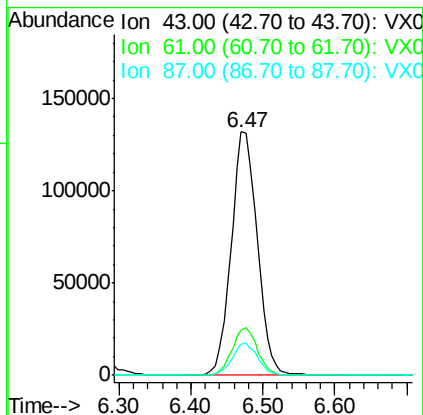
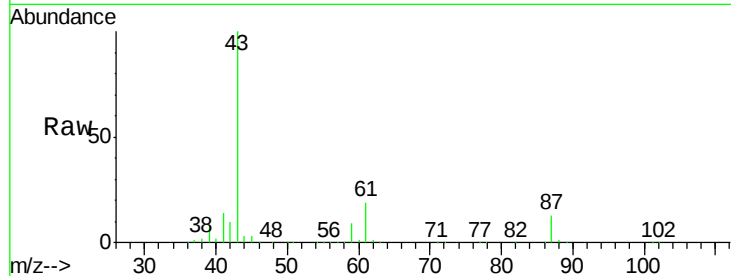
Isopropyl Acetate
 Concen: 50.540 ug/l
 RT: 6.47 min Scan# 965
 Delta R.T. -0.00 min
 Lab File: VX003237.D
 Acq: 07 Jul 2018 02:27

Instrument :
 MSVOA_X
 ClientSampled :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	19.2	14.4	21.6
87	13.0	9.5	14.3

Manual Integrations
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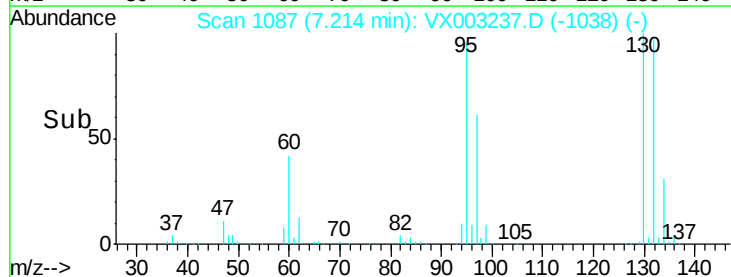
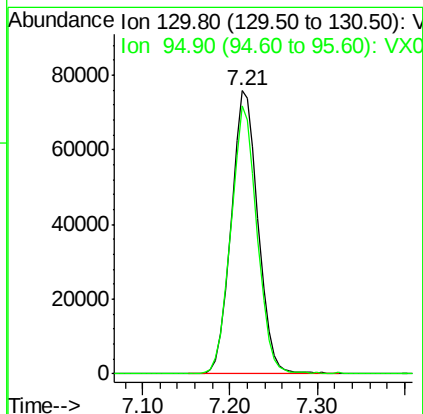
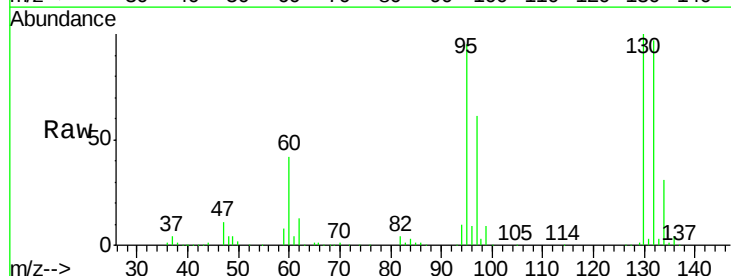
MMDadoda
 7/9/2018 12:56:56 PM



#44

Trichloroethene
 Concen: 51.461 ug/l
 RT: 7.21 min Scan# 1087
 Delta R.T. -0.00 min
 Lab File: VX003237.D
 Acq: 07 Jul 2018 02:27

Tgt Ion	Ratio	Lower	Upper
130	100		
95	94.8	0.0	185.4





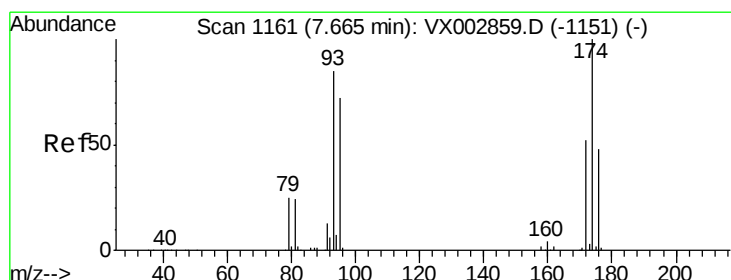
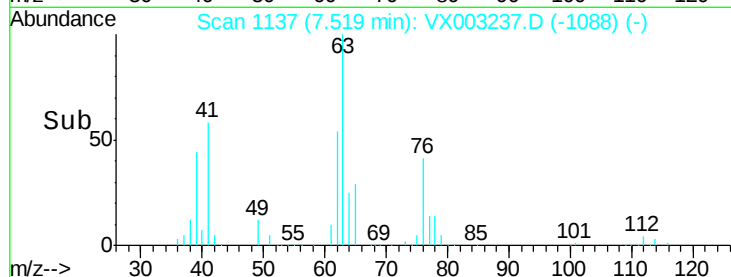
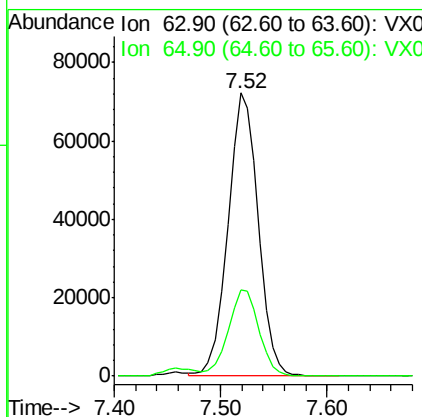
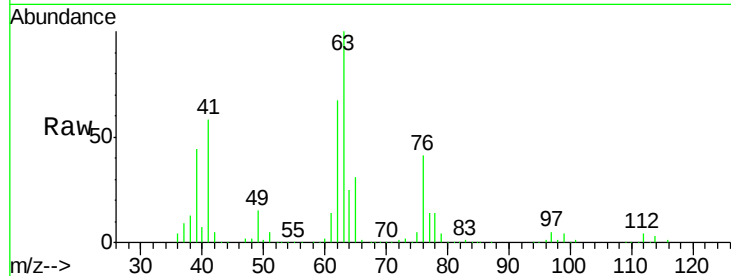
#45
 1,2-Dichloropropane
 Concen: 51.200 ug/l
 RT: 7.52 min Scan# 1137
 Delta R.T. -0.00 min
 Lab File: VX003237.D
 Acq: 07 Jul 2018 02:27

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 63 Resp: 143104
 Ion Ratio Lower Upper
 63 100
 65 30.6 24.7 37.1

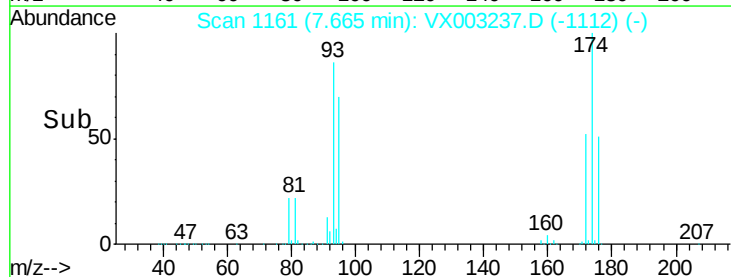
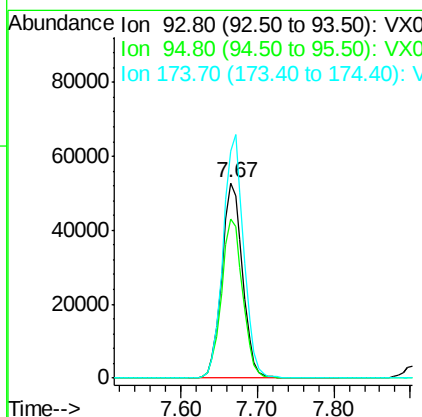
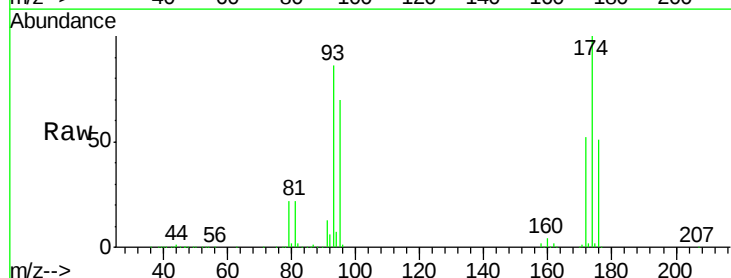
Manual Integrations
 APPROVED

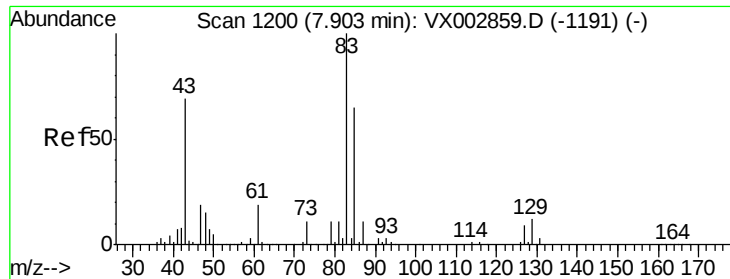
MMDadoda
 7/9/2018 12:56:56 PM



#46
 Dibromomethane
 Concen: 51.099 ug/l
 RT: 7.67 min Scan# 1161
 Delta R.T. -0.00 min
 Lab File: VX003237.D
 Acq: 07 Jul 2018 02:27

Tgt Ion: 93 Resp: 99118
 Ion Ratio Lower Upper
 93 100
 95 83.2 65.9 98.9
 174 123.4 92.4 138.6





#47

Bromodichloromethane

Concen: 52.551 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. -0.00 min

Lab File: VX003237.D

Acq: 07 Jul 2018 02:27

Instrument :

MSVOA_X

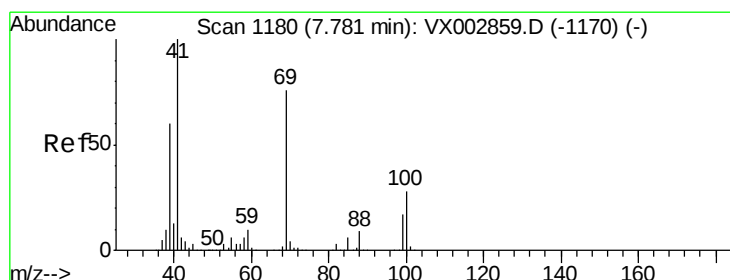
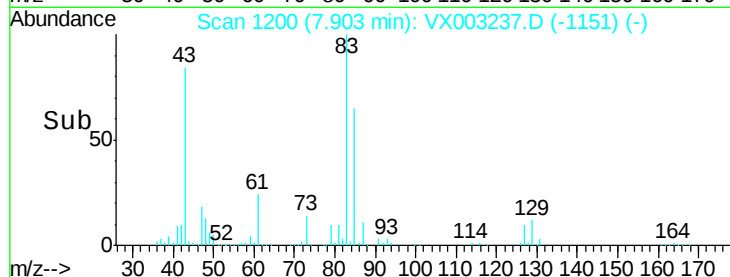
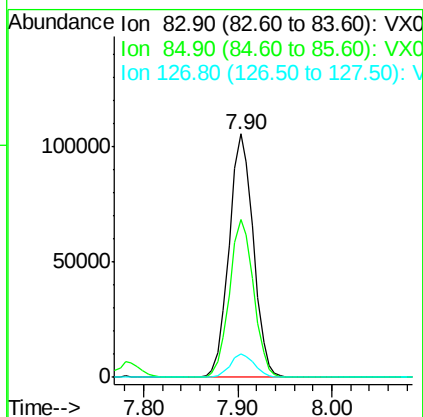
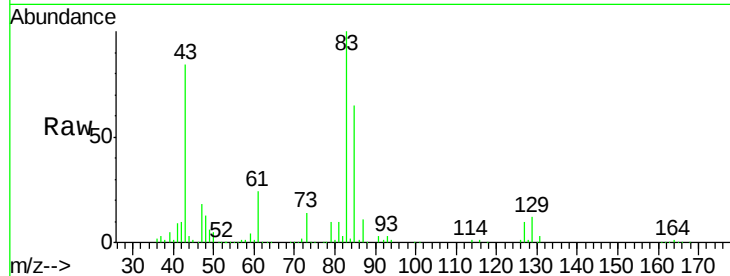
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	188444
Ion	Ratio	Lower	Upper
83	100		
85	64.9	50.3	75.5
127	9.9	7.0	10.4

Manual Integrations
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#48

Methyl methacrylate

Concen: 51.034 ug/l

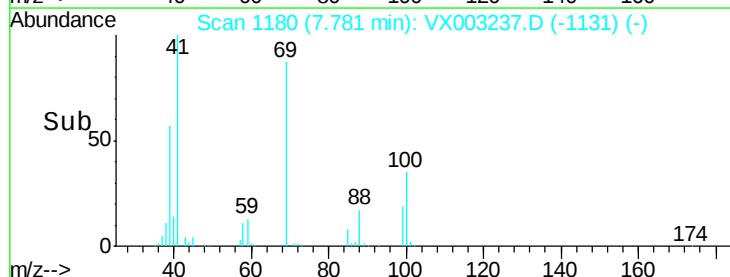
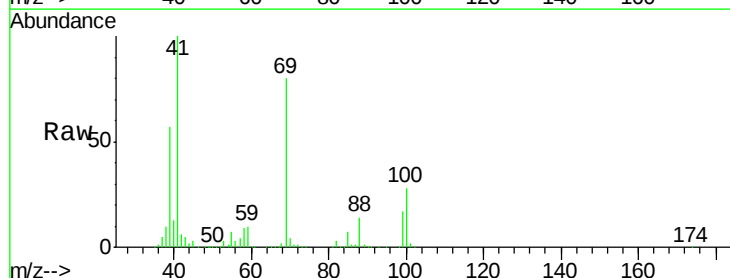
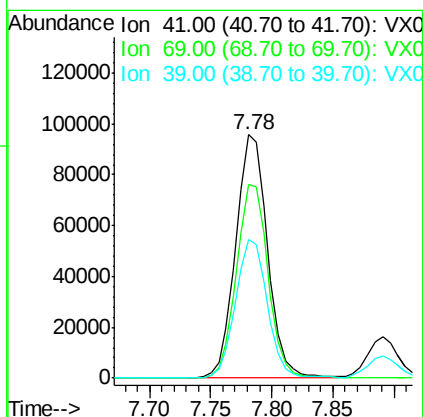
RT: 7.78 min Scan# 1180

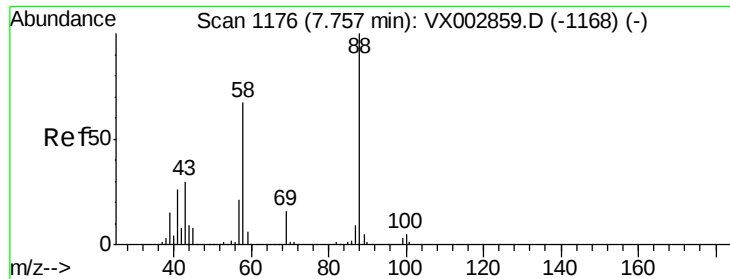
Delta R.T. -0.00 min

Lab File: VX003237.D

Acq: 07 Jul 2018 02:27

Tgt Ion:	41	Resp:	172197
Ion	Ratio	Lower	Upper
41	100		
69	80.1	59.1	88.7
39	56.5	48.9	73.3





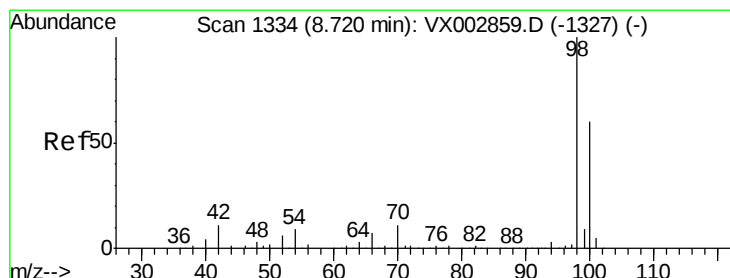
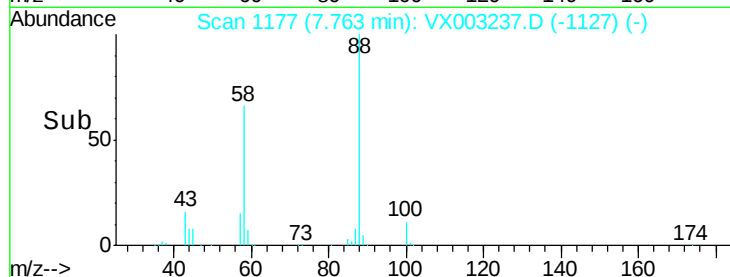
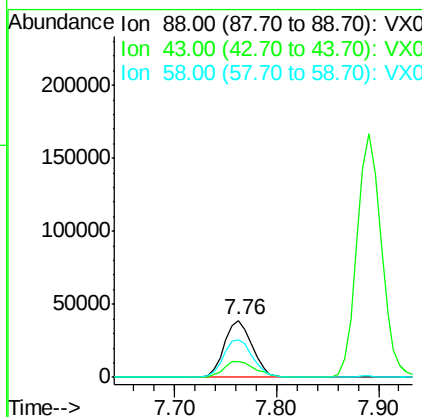
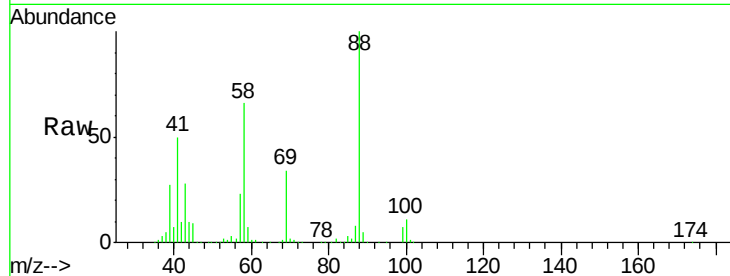
#49
 1,4-Dioxane
 Concen: 1119.712 ug/l
 RT: 7.76 min Scan# 1177
 Delta R.T. 0.01 min
 Lab File: VX003237.D
 Acq: 07 Jul 2018 02:27

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
88	100		
43	32.8	29.8	44.6
58	70.3	57.1	85.7

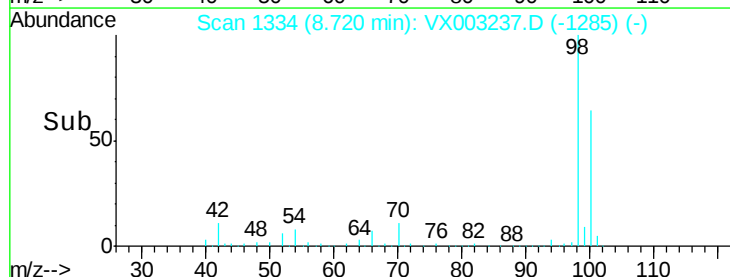
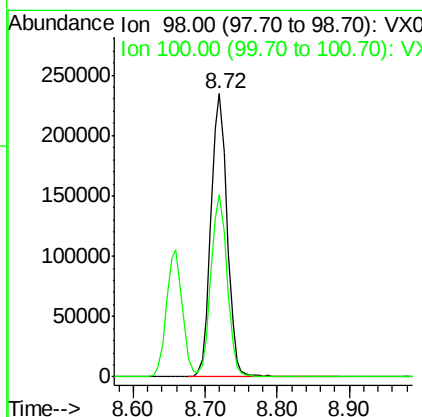
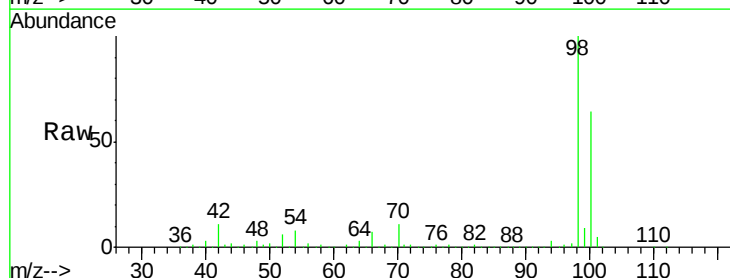
Manual Integrations
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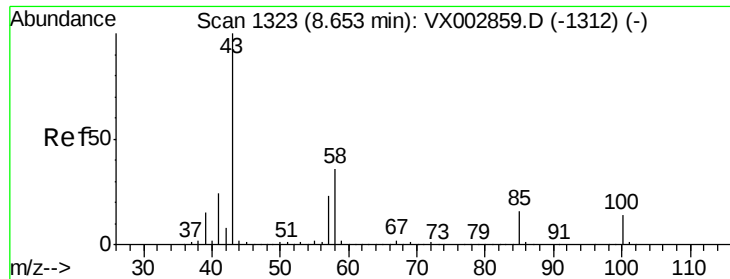
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#50
 Toluene-d8
 Concen: 38.155 ug/l
 RT: 8.72 min Scan# 1334
 Delta R.T. 0.00 min
 Lab File: VX003237.D
 Acq: 07 Jul 2018 02:27

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.2	50.9	76.3





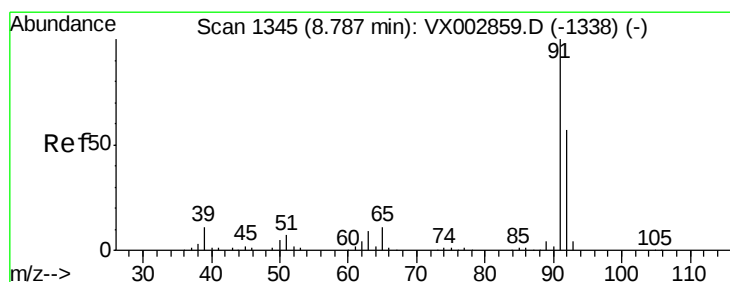
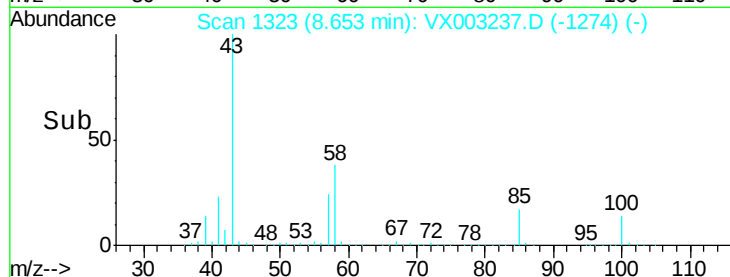
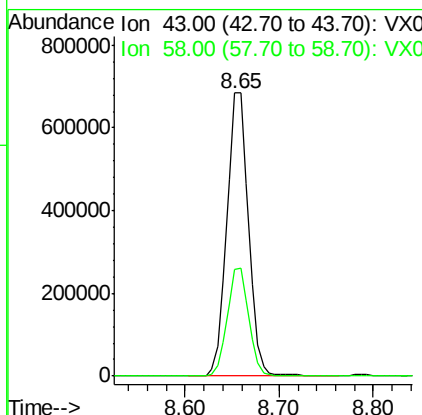
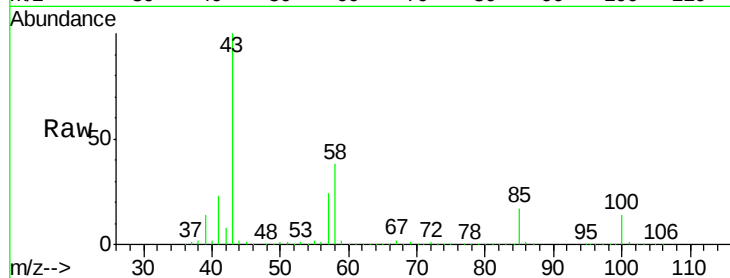
#51
4-Methyl-2-Pentanone
Concen: 266.437 ug/l
RT: 8.65 min Scan# 1323
Delta R.T. -0.00 min
Lab File: VX003237.D
Acq: 07 Jul 2018 02:27

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 1091619
Ion Ratio Lower Upper
43 100
58 37.8 28.6 42.8

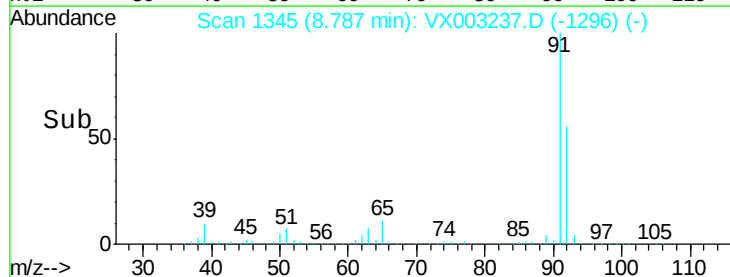
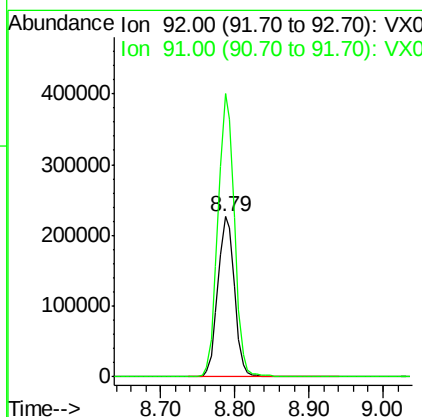
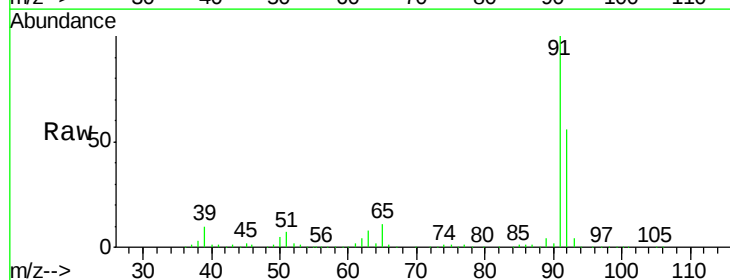
Manual Integrations
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#52
Toluene
Concen: 51.857 ug/l
RT: 8.79 min Scan# 1345
Delta R.T. -0.00 min
Lab File: VX003237.D
Acq: 07 Jul 2018 02:27

Tgt Ion: 92 Resp: 350040
Ion Ratio Lower Upper
92 100
91 174.9 140.4 210.6





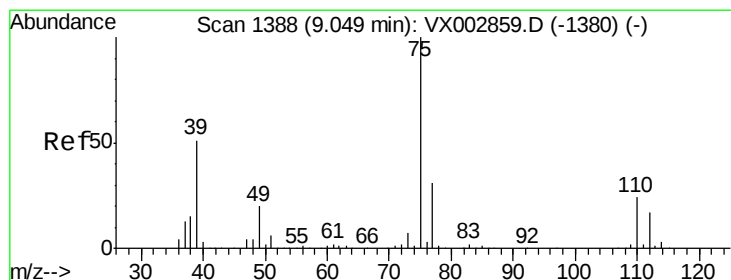
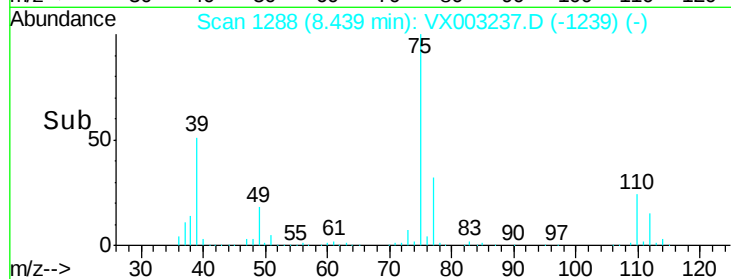
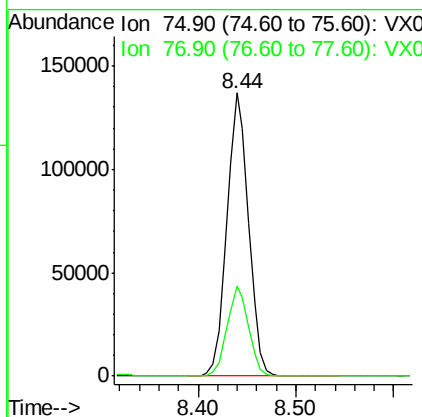
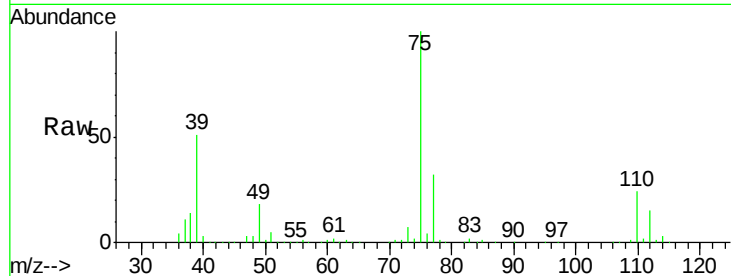
#53
t-1,3-Dichloropropene
Concen: 51.545 ug/l
RT: 8.44 min Scan# 1288
Delta R.T. -0.00 min
Lab File: VX003237.D
Acq: 07 Jul 2018 02:27

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 75 Resp: 209332
Ion Ratio Lower Upper
75 100
77 31.6 25.4 38.2

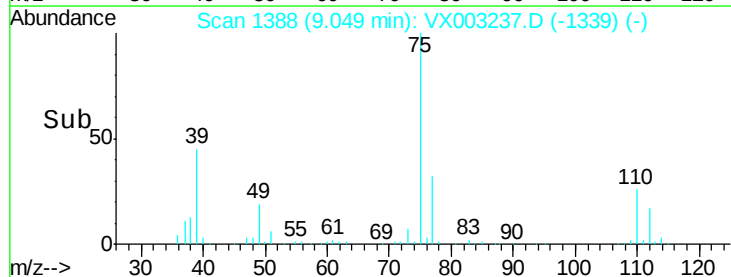
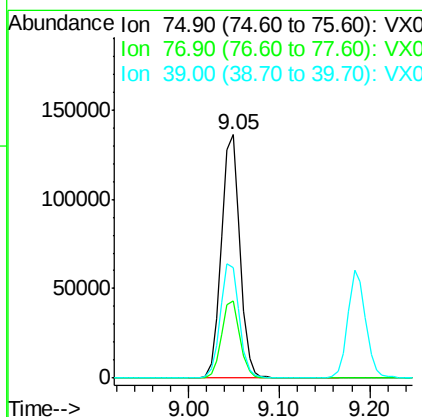
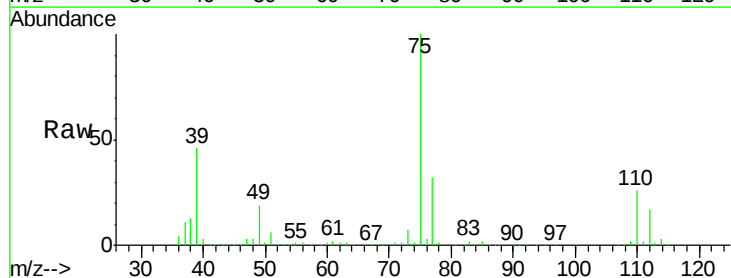
Manual Integrations
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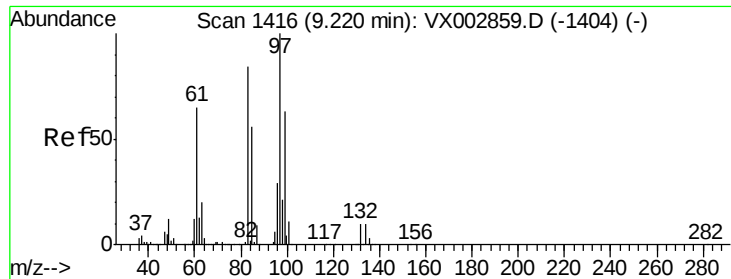
MMDadoda
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#54
cis-1,3-Dichloropropene
Concen: 49.630 ug/l
RT: 9.05 min Scan# 1388
Delta R.T. -0.00 min
Lab File: VX003237.D
Acq: 07 Jul 2018 02:27

Tgt Ion: 75 Resp: 193933
Ion Ratio Lower Upper
75 100
77 31.7 24.8 37.2
39 45.5 42.4 63.6





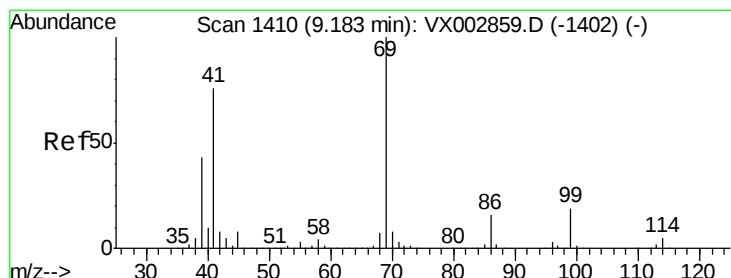
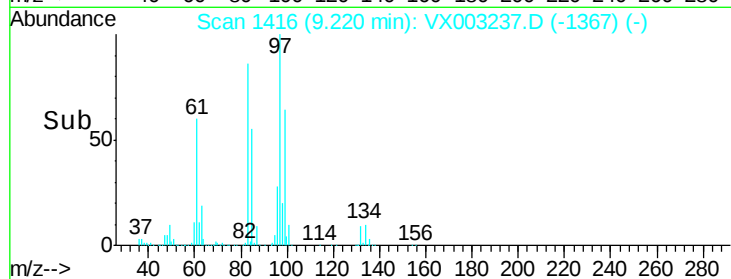
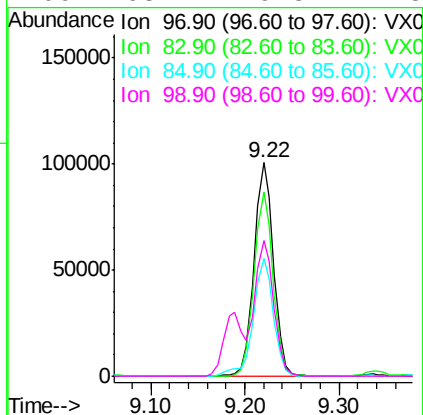
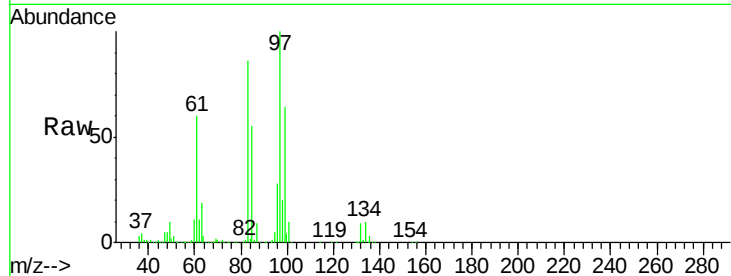
#55
 1,1,2-Trichloroethane
 Concen: 53.217 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. -0.00 min
 Lab File: VX003237.D
 Acq: 07 Jul 2018 02:27

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		147611		
83	86.2	70.2	105.2		
85	55.1	44.9	67.3		
99	63.7	49.8	74.8		

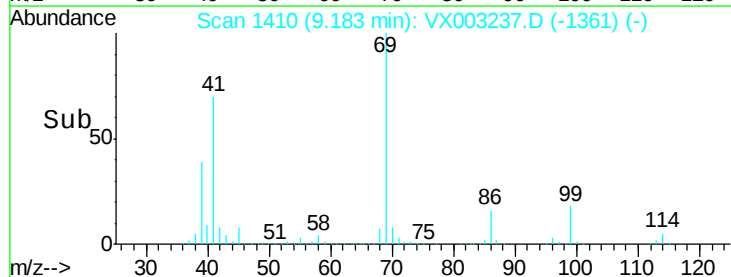
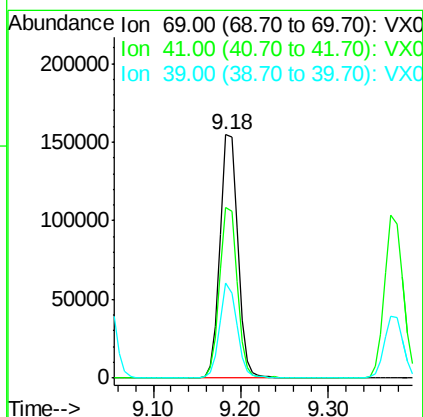
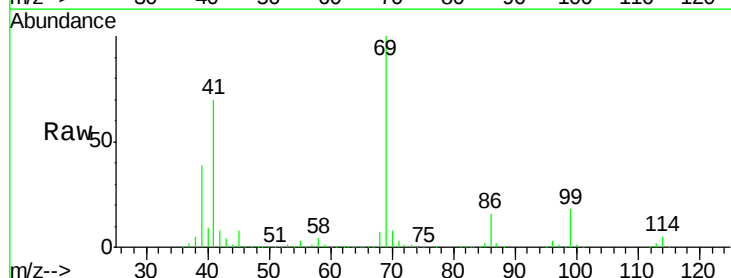
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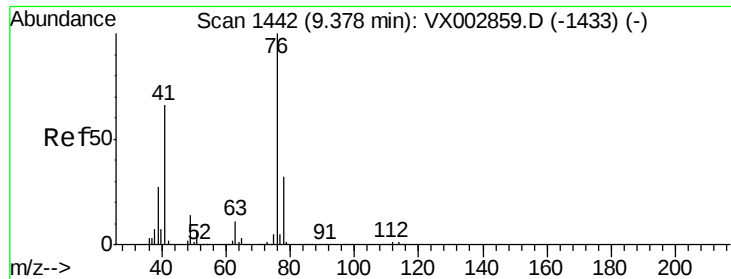
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#56
 Ethyl methacrylate
 Concen: 53.637 ug/l
 RT: 9.18 min Scan# 1410
 Delta R.T. -0.00 min
 Lab File: VX003237.D
 Acq: 07 Jul 2018 02:27

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		217435		
41	69.9	60.3	90.5		
39	37.8	35.8	53.8		





#57

1,3-Dichloropropane

Concen: 52.724 ug/l

RT: 9.38 min Scan# 1442

Delta R.T. -0.00 min

Lab File: VX003237.D

Acq: 07 Jul 2018 02:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 76 Resp: 240190

Ion Ratio Lower Upper

76 100

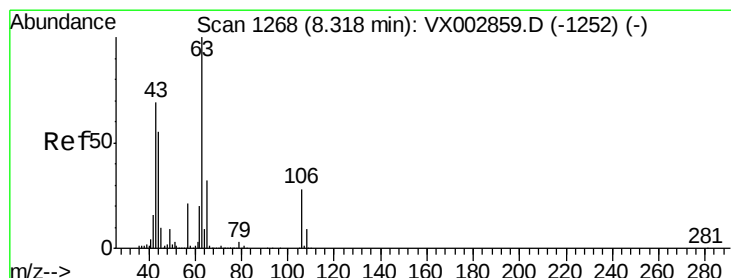
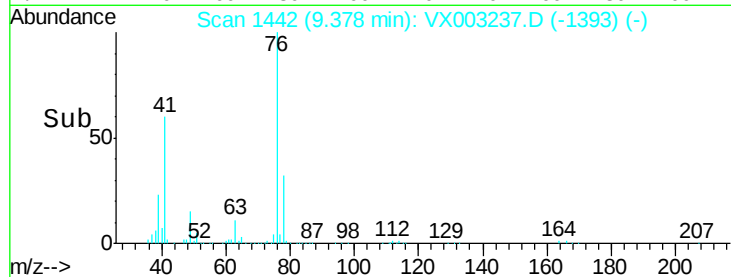
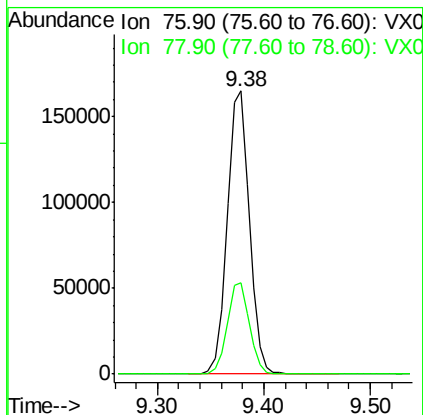
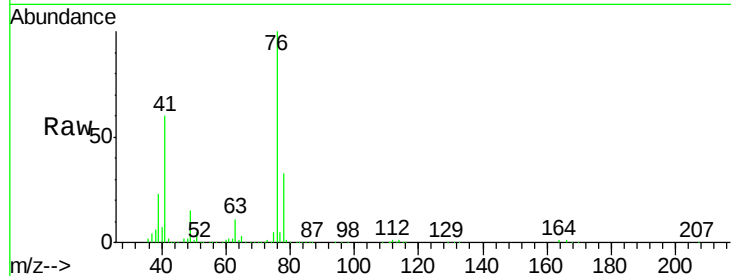
78 32.4 25.8 38.6

Manual Integrations

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7/9/2018 12:56:56 PM



#58

2-Chloroethyl Vinyl ether

Concen: 250.773 ug/l

RT: 8.32 min Scan# 1268

Delta R.T. -0.00 min

Lab File: VX003237.D

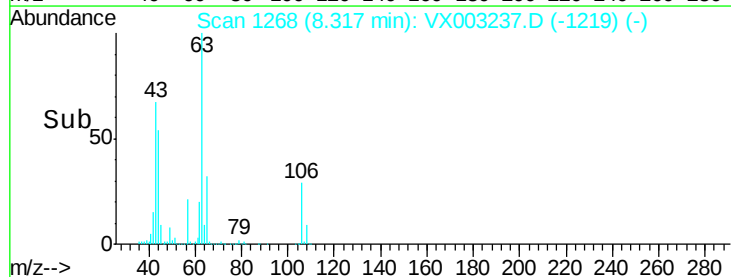
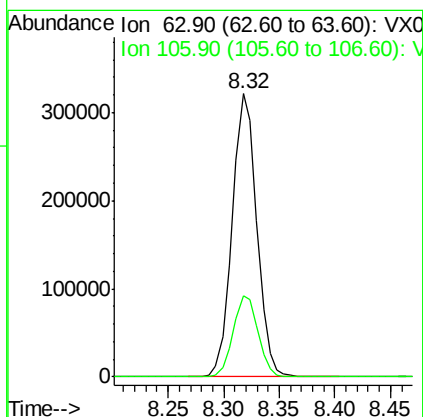
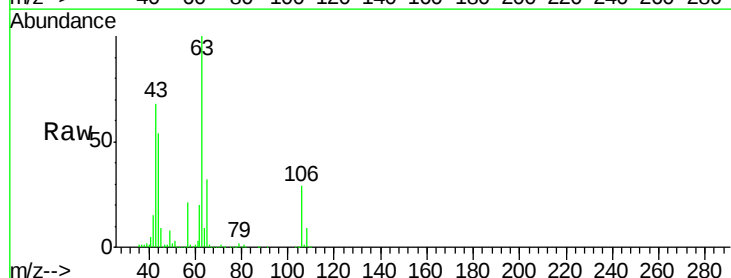
Acq: 07 Jul 2018 02:27

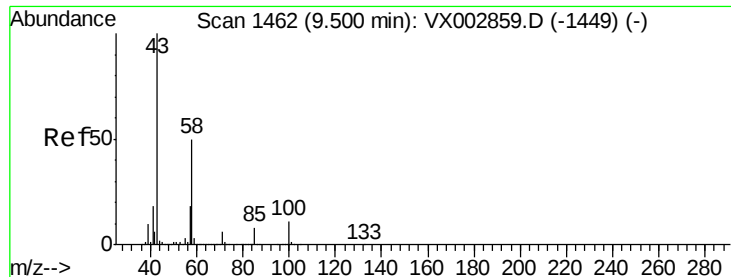
Tgt Ion: 63 Resp: 490438

Ion Ratio Lower Upper

63 100

106 29.0 21.8 32.8





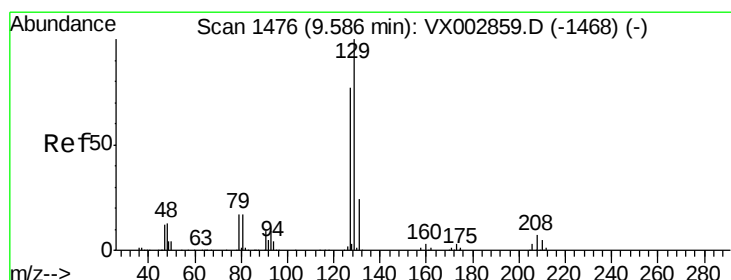
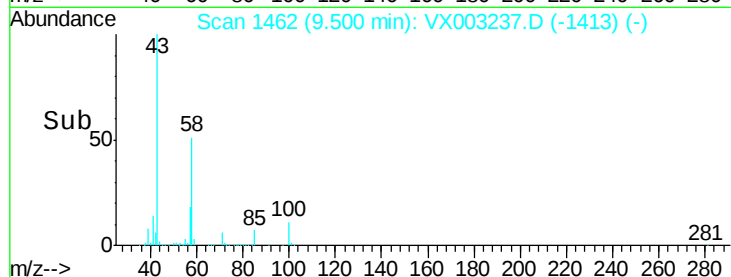
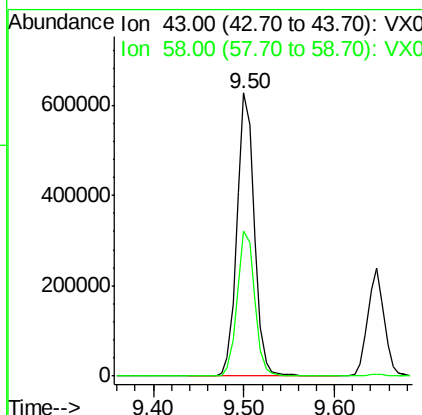
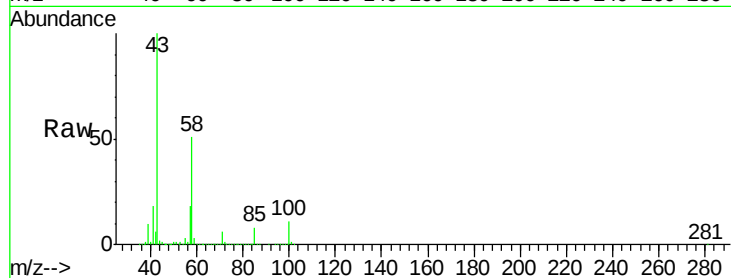
#59
2-Hexanone
Concen: 266.862 ug/l
RT: 9.50 min Scan# 1462
Delta R.T. -0.00 min
Lab File: VX003237.D
Acq: 07 Jul 2018 02:27

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
58	52.0	24.6	73.6

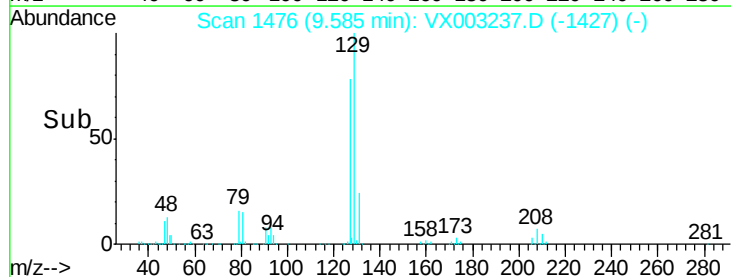
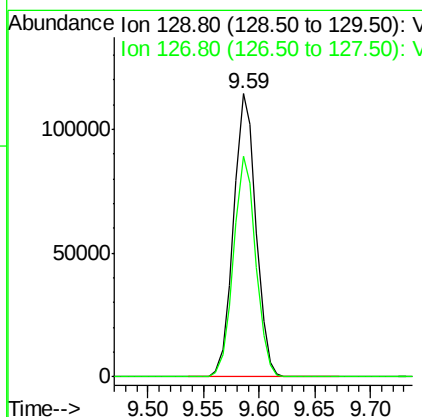
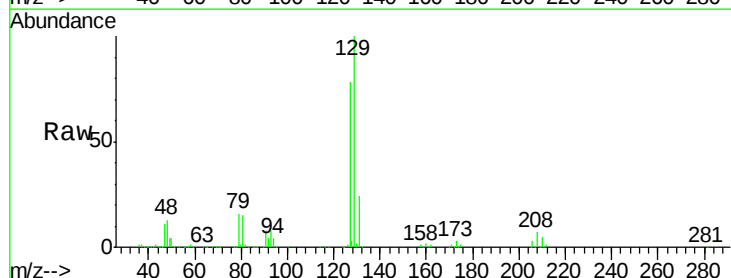
Manual Integrations
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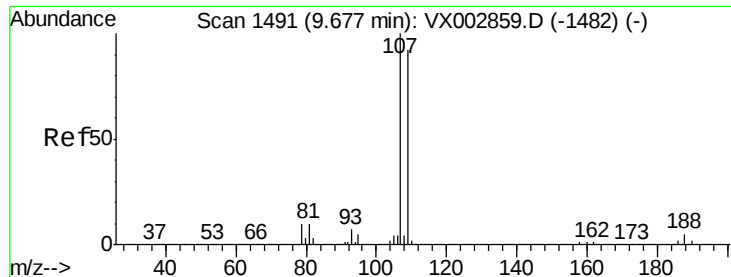
MMDadoda
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#60
Dibromochloromethane
Concen: 54.556 ug/l
RT: 9.59 min Scan# 1476
Delta R.T. -0.00 min
Lab File: VX003237.D
Acq: 07 Jul 2018 02:27

Tgt Ion	Ratio	Lower	Upper
129	100		
127	77.4	38.5	115.3





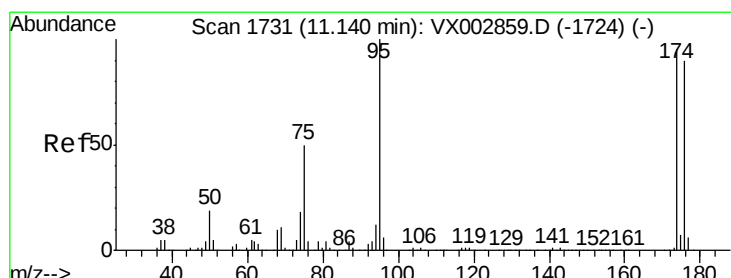
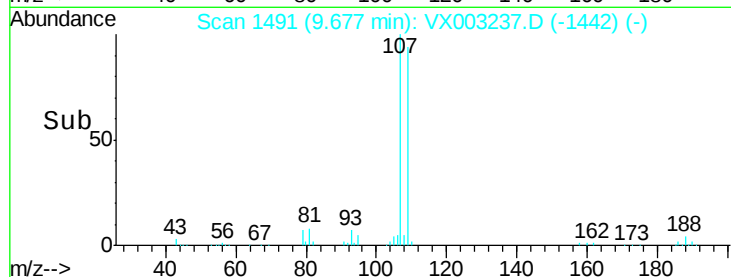
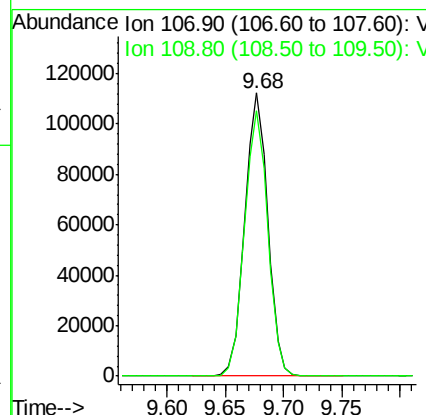
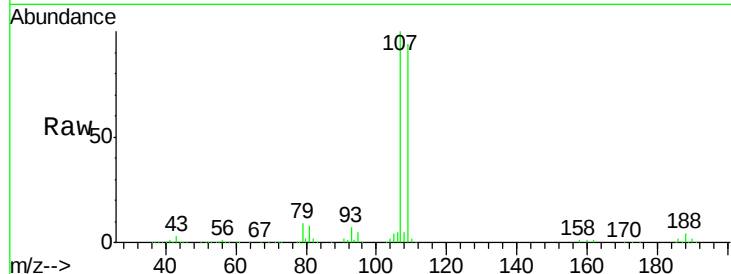
#61
 1,2-Dibromoethane
 Concen: 53.548 ug/l
 RT: 9.68 min Scan# 1491
 Delta R.T. -0.00 min
 Lab File: VX003237.D
 Acq: 07 Jul 2018 02:27

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
107	100		
109	94.9	75.3	112.9

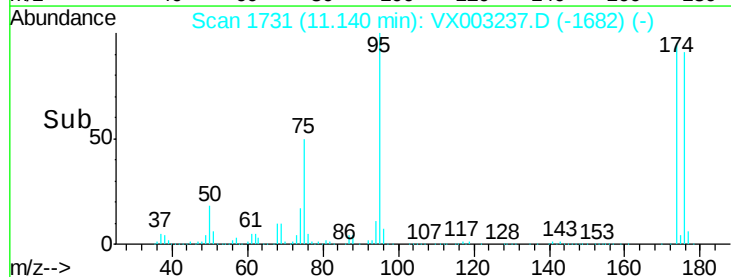
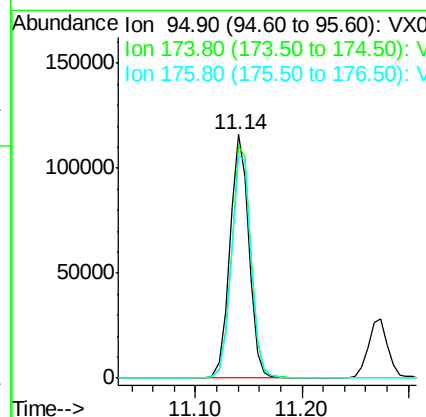
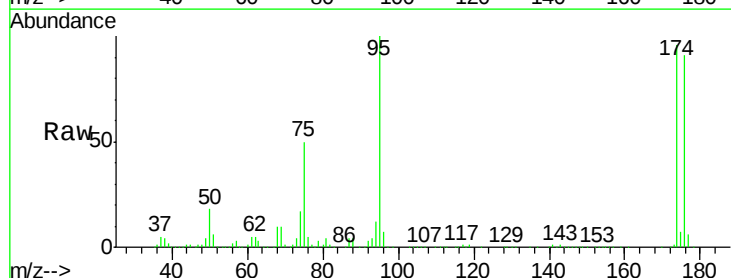
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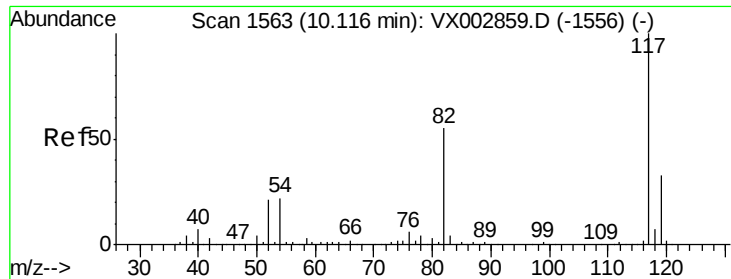
MMDadoda
 7/9/2018 12:56:56 PM



#62
 4-Bromofluorobenzene
 Concen: 39.453 ug/l
 RT: 11.14 min Scan# 1731
 Delta R.T. 0.00 min
 Lab File: VX003237.D
 Acq: 07 Jul 2018 02:27

Tgt Ion	Ratio	Lower	Upper
95	100		
174	98.1	0.0	187.4
176	94.8	0.0	181.0





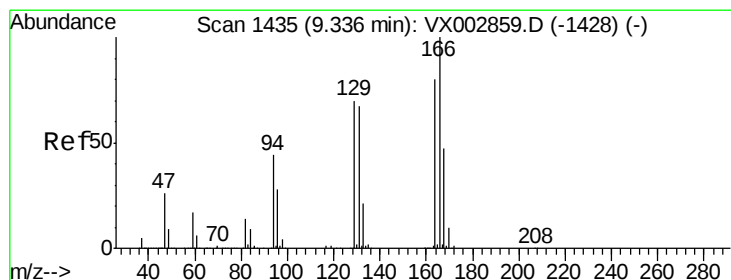
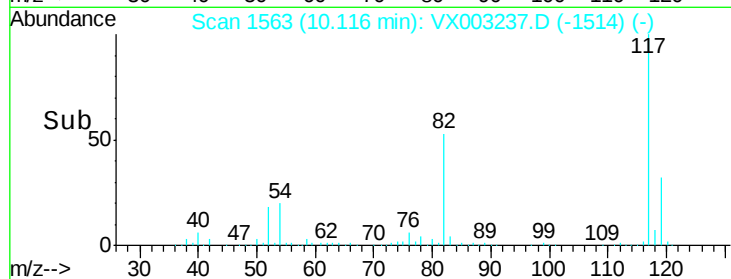
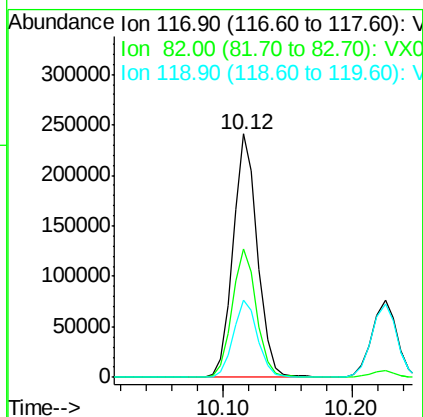
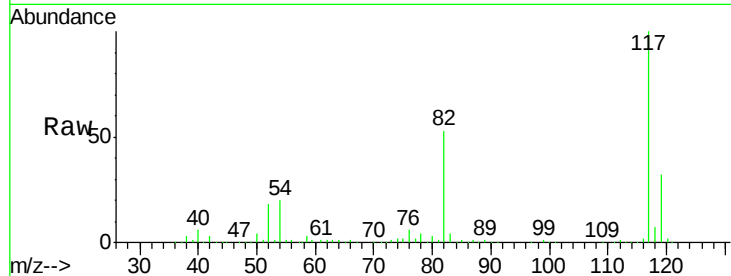
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX003237.D
Acq: 07 Jul 2018 02:27

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
117	100		
82	52.7	45.0	67.4
119	31.9	25.8	38.6

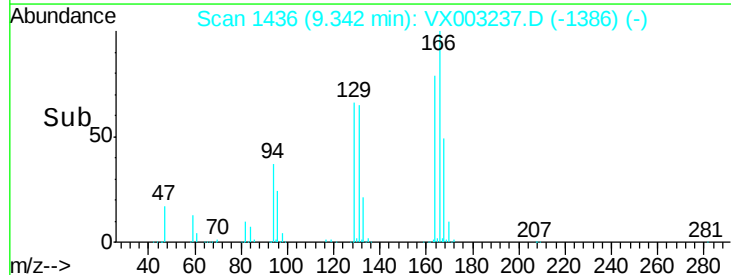
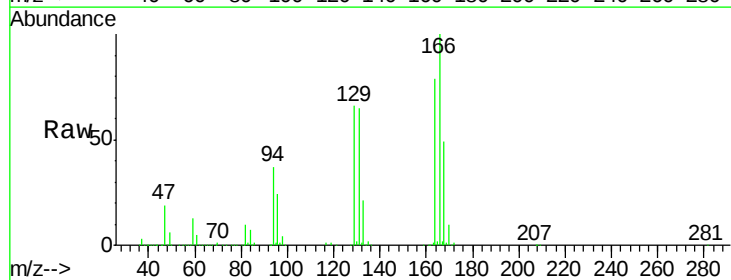
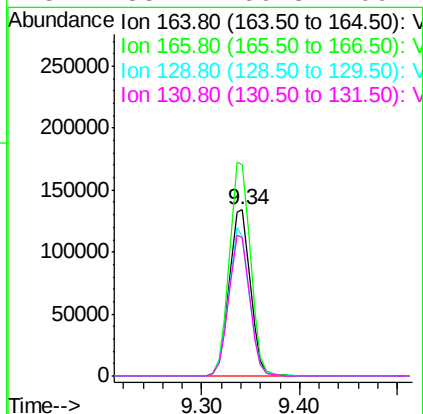
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#64
Tetrachloroethene
Concen: 57.287 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. 0.01 min
Lab File: VX003237.D
Acq: 07 Jul 2018 02:27

Tgt Ion	Ratio	Lower	Upper
164	100		
166	127.1	102.9	154.3
129	84.1	68.6	102.8
131	83.2	66.8	100.2





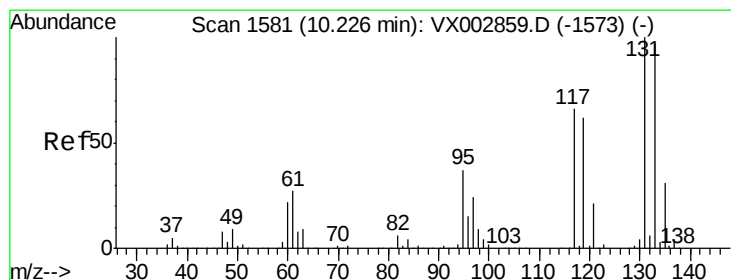
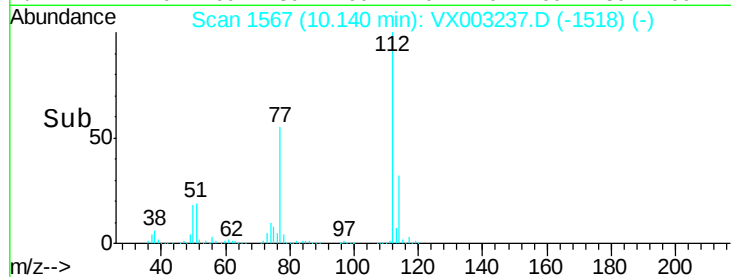
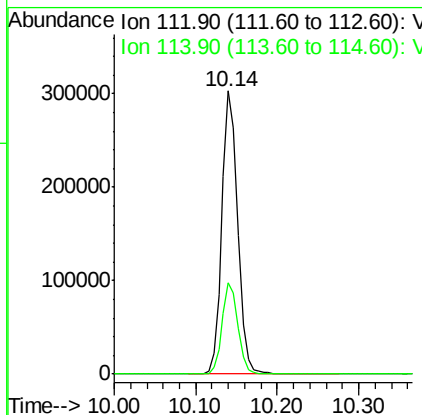
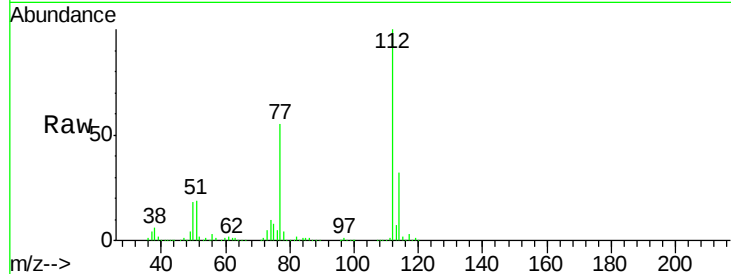
#65
Chlorobenzene
Concen: 50.851 ug/l
RT: 10.14 min Scan# 1567
Delta R.T. -0.00 min
Lab File: VX003237.D
Acq: 07 Jul 2018 02:27

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:112 Resp: 410895
Ion Ratio Lower Upper
112 100
114 32.2 25.3 37.9

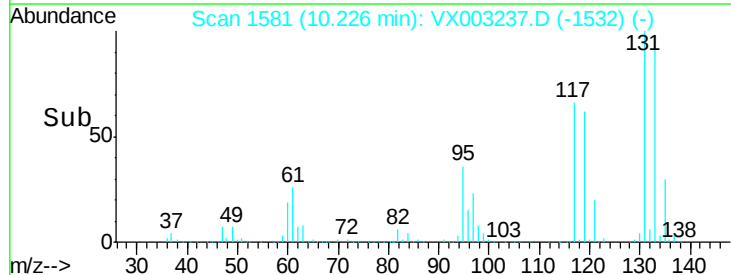
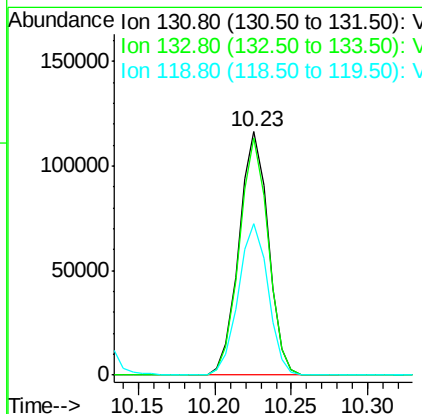
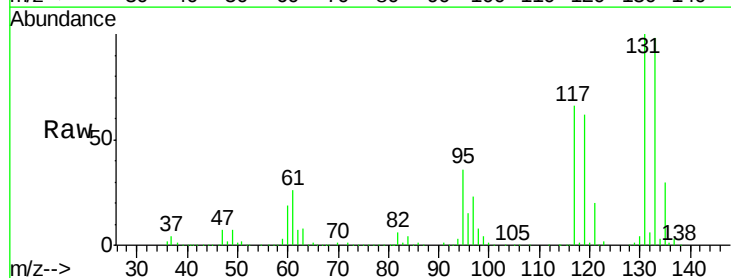
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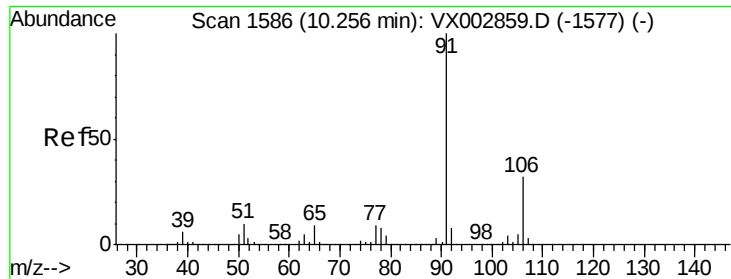
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#66
1,1,1,2-Tetrachloroethane
Concen: 52.752 ug/l
RT: 10.23 min Scan# 1581
Delta R.T. -0.00 min
Lab File: VX003237.D
Acq: 07 Jul 2018 02:27

Tgt Ion:131 Resp: 154845
Ion Ratio Lower Upper
131 100
133 96.5 47.9 143.6
119 63.4 31.8 95.3





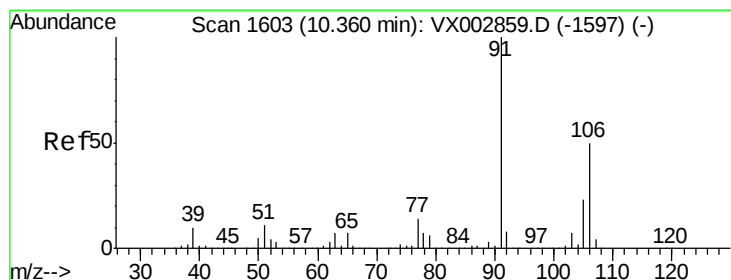
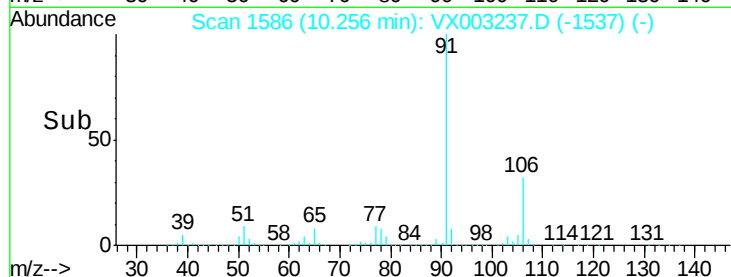
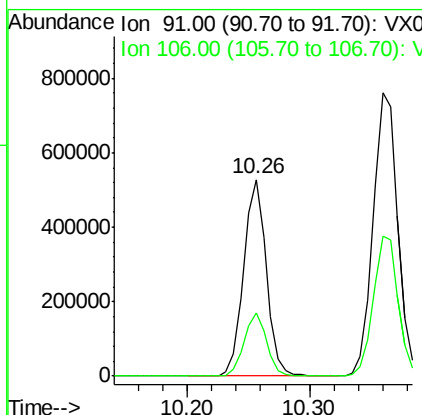
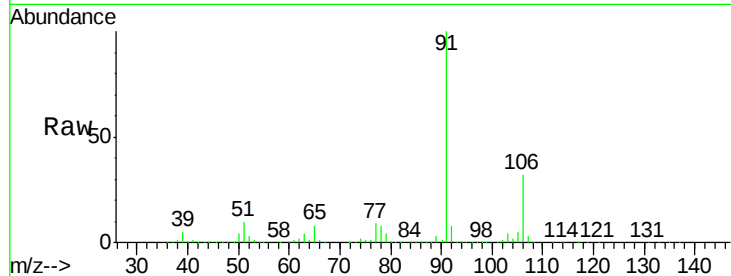
#67
Ethyl Benzene
Concen: 50.983 ug/l
RT: 10.26 min Scan# 1586
Delta R.T. -0.00 min
Lab File: VX003237.D
Acq: 07 Jul 2018 02:27

Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050EC

Tot Ion: 91 Resp: 680525
Ion Ratio Lower Upper
91 100
106 32.1 25.5 38.3

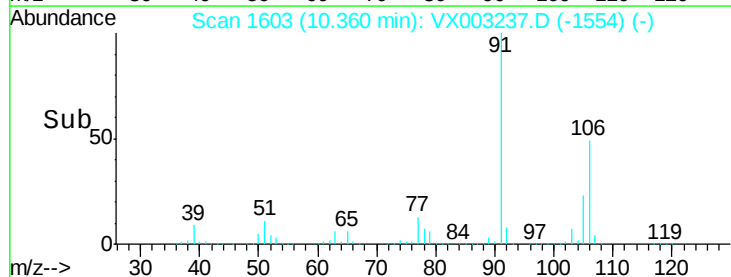
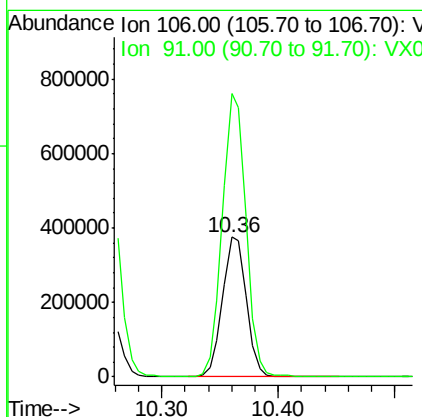
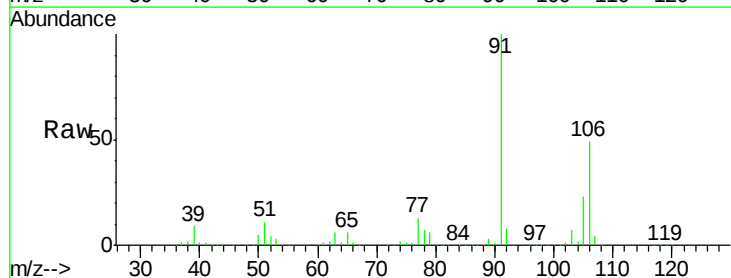
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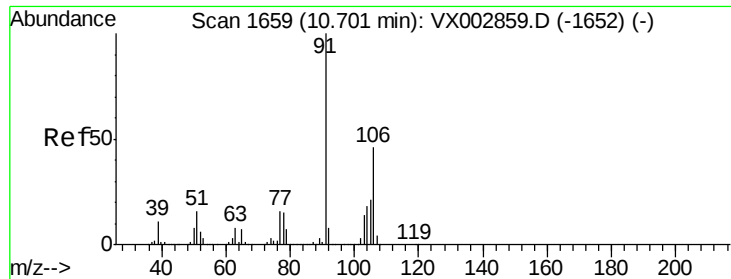
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#68
m/p-Xylenes
Concen: 103.203 ug/l
RT: 10.36 min Scan# 1603
Delta R.T. -0.00 min
Lab File: VX003237.D
Acq: 07 Jul 2018 02:27

Tgt Ion: 106 Resp: 530913
Ion Ratio Lower Upper
106 100
91 201.9 163.4 245.2





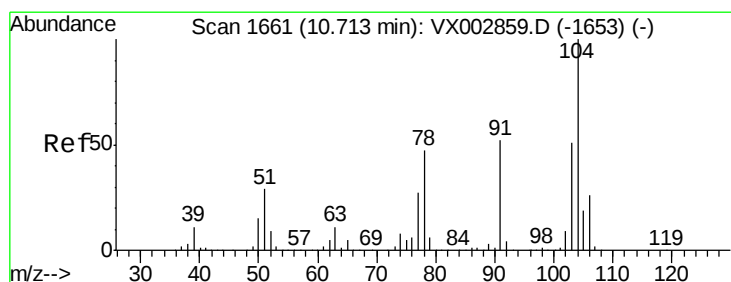
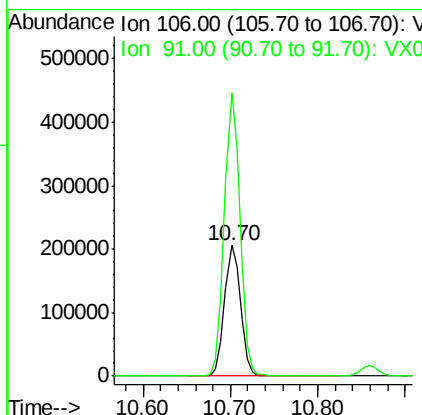
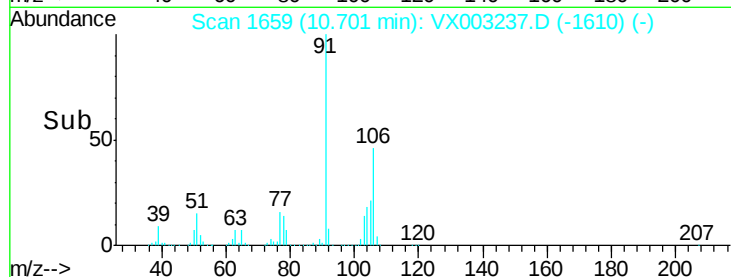
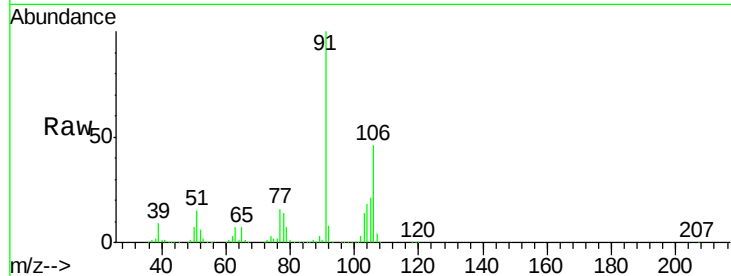
#69
o-Xylene
Concen: 52.078 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. -0.00 min
Lab File: VX003237.D
Acq: 07 Jul 2018 02:27

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:106 Resp: 260864
Ion Ratio Lower Upper
106 100
91 212.2 108.2 324.6

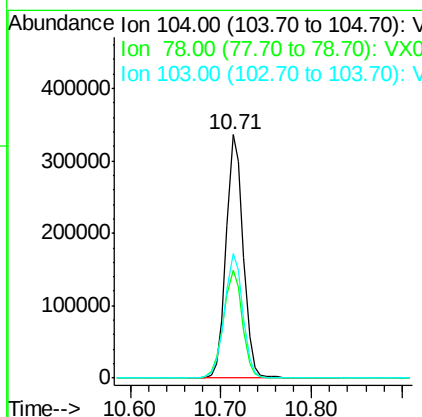
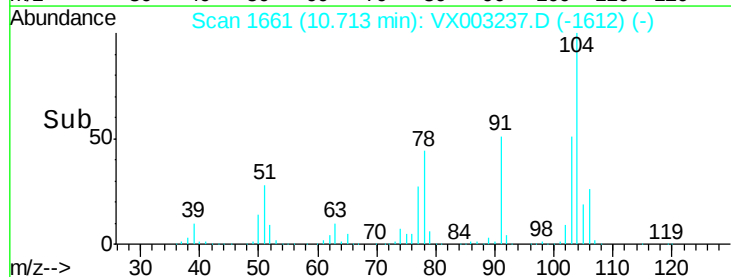
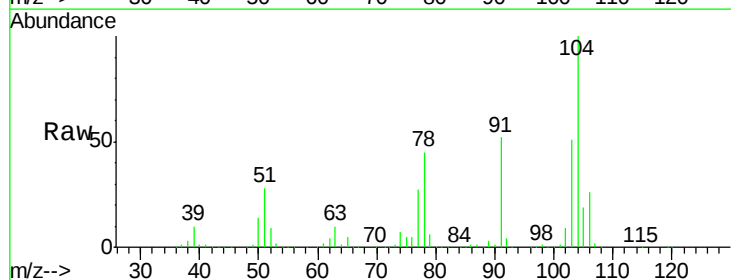
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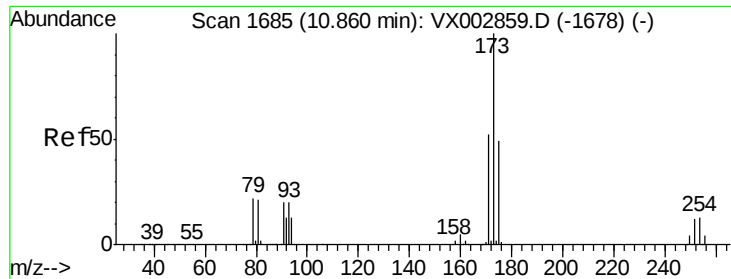
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#70
Styrene
Concen: 54.223 ug/l
RT: 10.71 min Scan# 1661
Delta R.T. -0.00 min
Lab File: VX003237.D
Acq: 07 Jul 2018 02:27

Tgt Ion:104 Resp: 441338
Ion Ratio Lower Upper
104 100
78 49.4 41.0 61.6
103 55.3 44.2 66.4





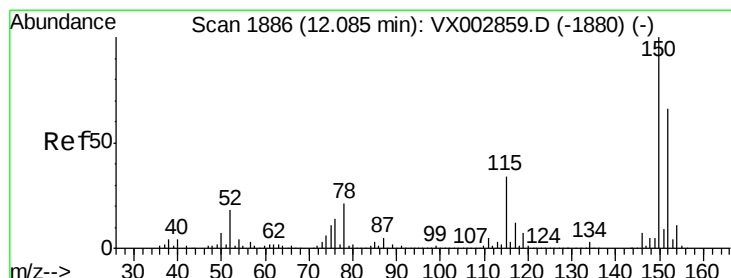
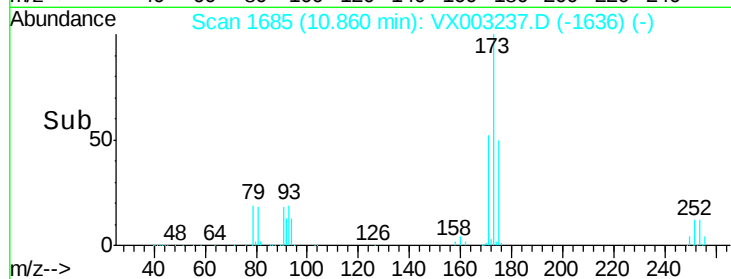
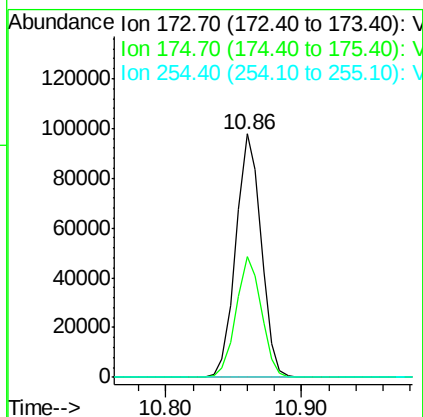
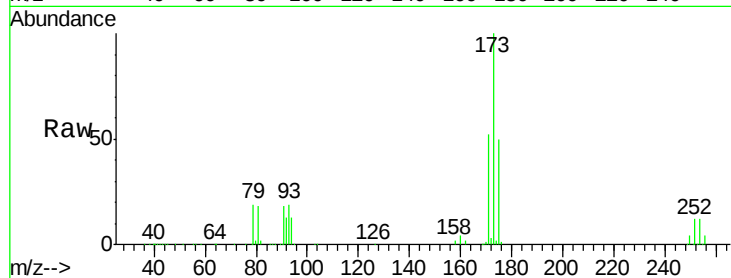
#71
Bromoform
Concen: 47.963 ug/l
RT: 10.86 min Scan# 1685
Delta R.T. 0.00 min
Lab File: VX003237.D
Acq: 07 Jul 2018 02:27

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
173	100		
175	49.5	24.7	74.1
254	0.2	0.2	0.2

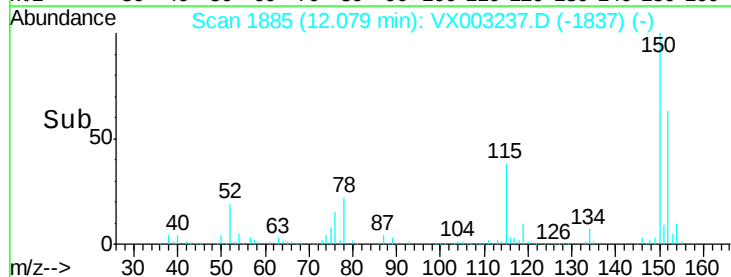
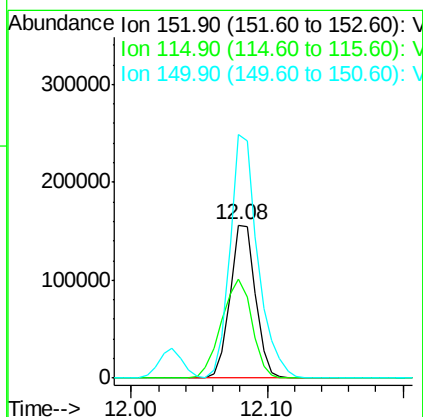
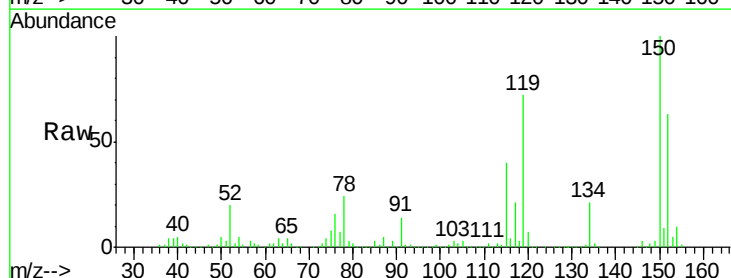
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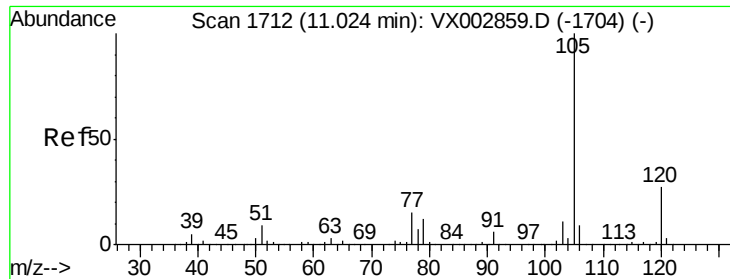
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1885
Delta R.T. -0.01 min
Lab File: VX003237.D
Acq: 07 Jul 2018 02:27

Tgt Ion	Ratio	Lower	Upper
152	100		
115	77.8	40.1	120.2
150	173.9	0.0	347.2





#73

Isopropylbenzene

Concen: 52.002 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. -0.00 min

Lab File: VX003237.D

Acq: 07 Jul 2018 02:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 708478

Ion Ratio Lower Upper

105 100

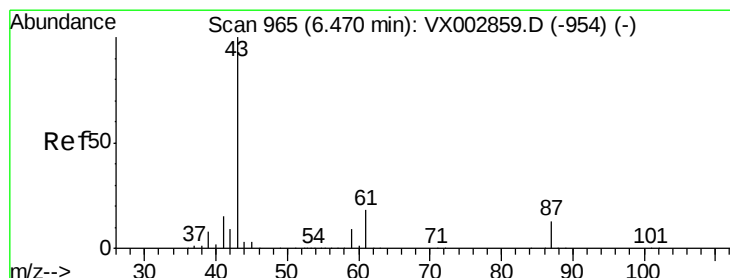
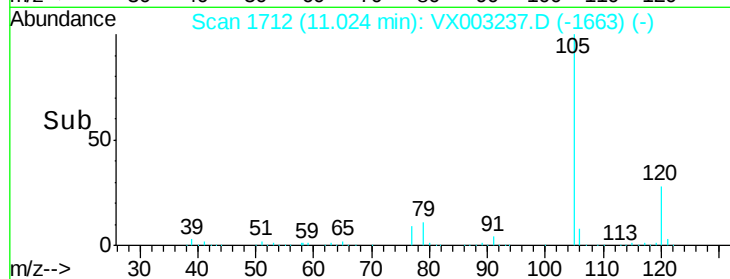
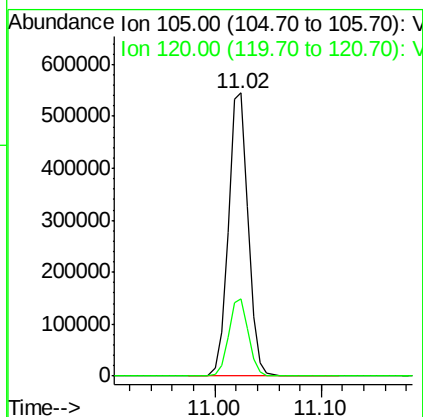
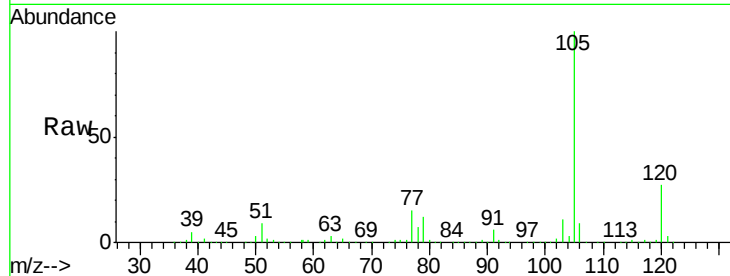
120 27.2 13.5 40.4

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#74

N-ethyl acetate

Concen: 49.648 ug/l

RT: 6.47 min Scan# 965

Delta R.T. -0.00 min

Lab File: VX003237.D

Acq: 07 Jul 2018 02:27

Tgt Ion: 43 Resp: 330957

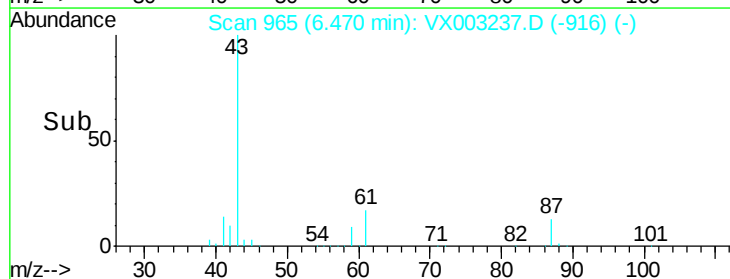
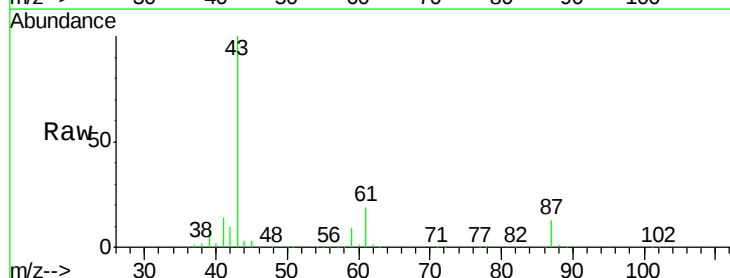
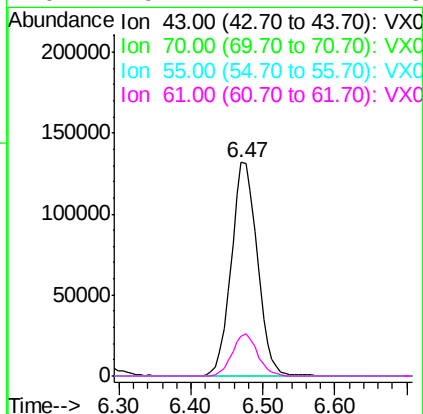
Ion Ratio Lower Upper

43 100

70 0.0 0.0 0.0

55 0.0 0.0 0.0#

61 19.2 14.4 21.6





#75

1,1,2,2-Tetrachloroethane

Concen: 51.385 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. -0.00 min

Lab File: VX003237.D

Acq: 07 Jul 2018 02:27

Instrument :

MSVOA_X

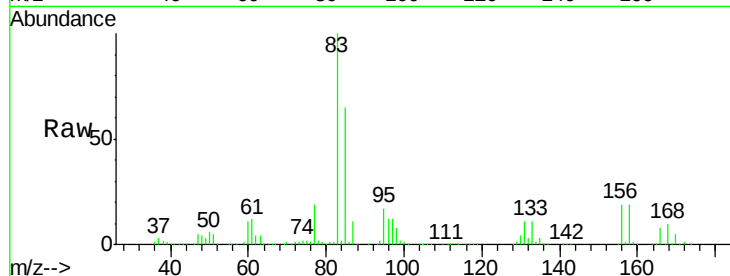
ClientSampleId :

VSTDCCC050EC

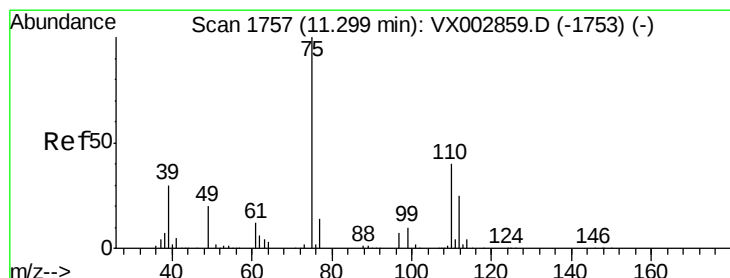
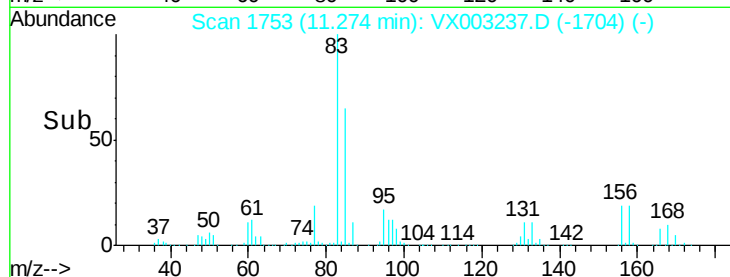
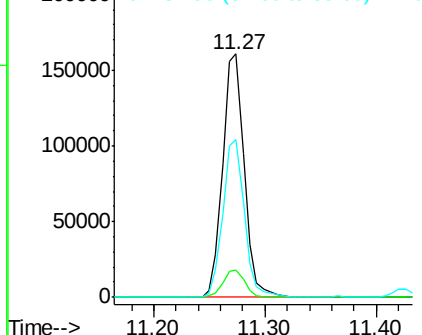
Tot Ion:	83	Resp:	215649
Ion	Ratio	Lower	Upper
83	100		
131	11.3	5.6	16.8
85	65.0	32.4	97.2

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Abundance Ion 82.90 (82.60 to 83.60): VX0
Ion 130.80 (130.50 to 131.50): V
Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 58.381 ug/l m

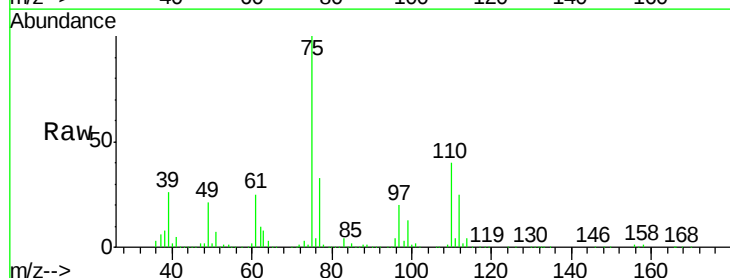
RT: 11.30 min Scan# 1757

Delta R.T. -0.00 min

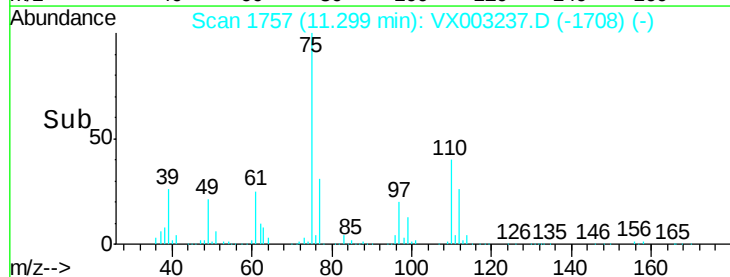
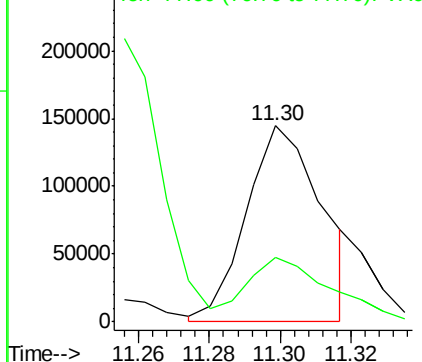
Lab File: VX003237.D

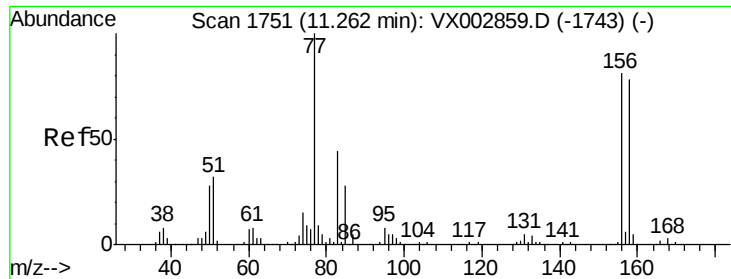
Acq: 07 Jul 2018 02:27

Tgt Ion:	75	Resp:	214162
Ion	Ratio	Lower	Upper
75	100		
77	37.1	22.8	68.3



Abundance Ion 74.90 (74.60 to 75.60): VX0
Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 51.498 ug/l

RT: 11.26 min Scan# 1750

Delta R.T. -0.01 min

Lab File: VX003237.D

Acq: 07 Jul 2018 02:27

Instrument :

MSVOA_X

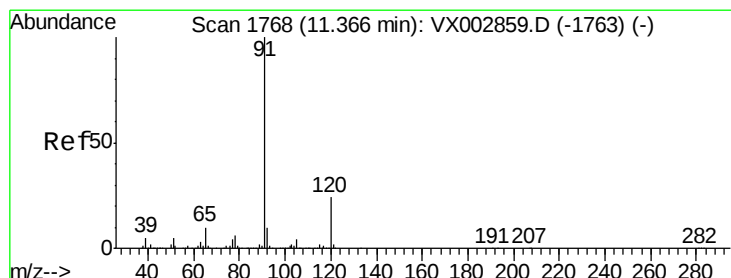
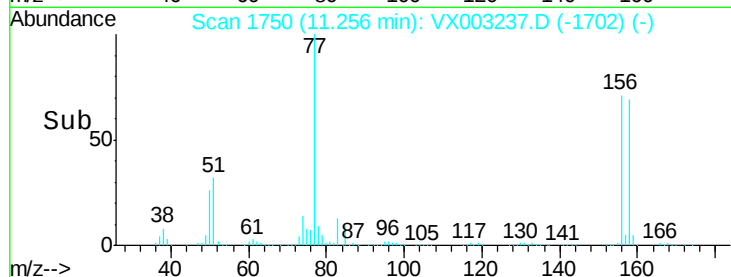
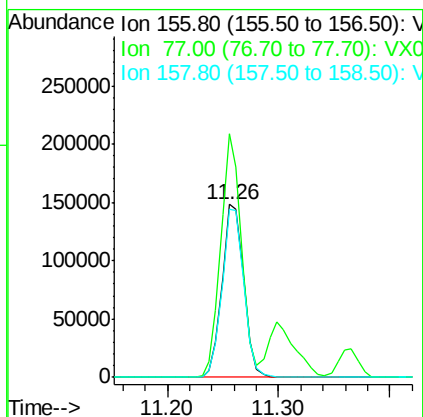
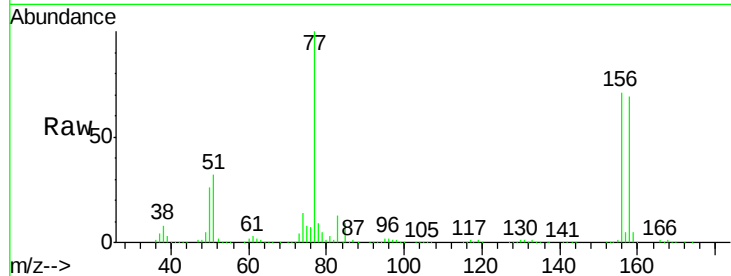
ClientSampleId :

VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
156	100		
77	134.0	71.4	214.2
158	97.5	48.9	146.6

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#78

n-propylbenzene

Concen: 50.842 ug/l

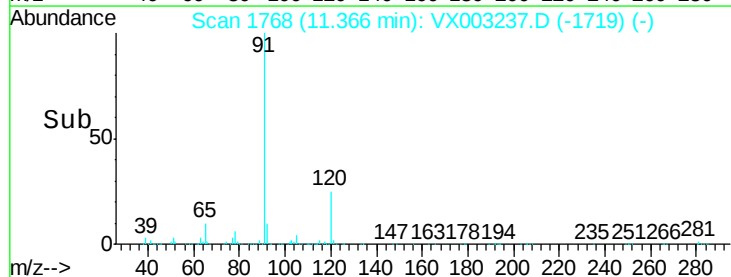
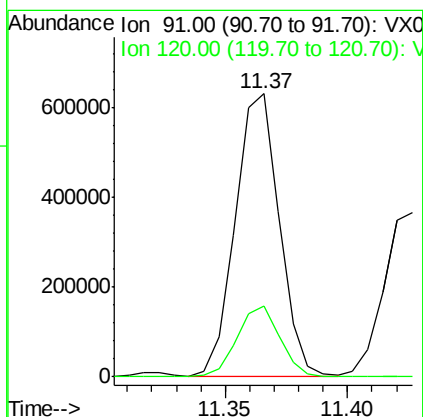
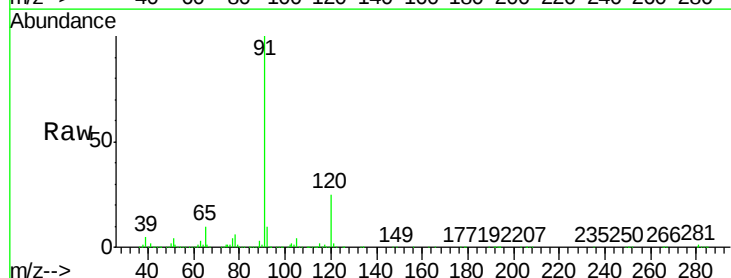
RT: 11.37 min Scan# 1768

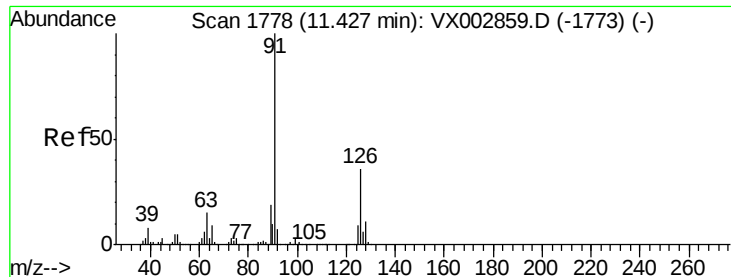
Delta R.T. -0.00 min

Lab File: VX003237.D

Acq: 07 Jul 2018 02:27

Tgt Ion	Ratio	Lower	Upper
91	100		
120	24.5	11.8	35.4





#79

2-Chlorotoluene

Concen: 50.051 ug/l

RT: 11.43 min Scan# 1778

Delta R.T. -0.00 min

Lab File: VX003237.D

Acq: 07 Jul 2018 02:27

Instrument :

MSVOA_X

ClientSampled :

VSTDCCC050EC

Tot Ion: 91 Resp: 469925

Ion Ratio Lower Upper

91 100

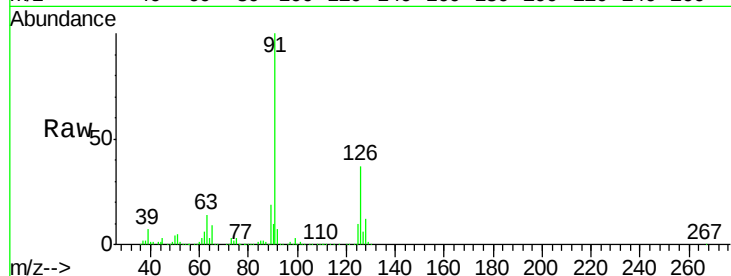
126 36.5 17.7 53.1

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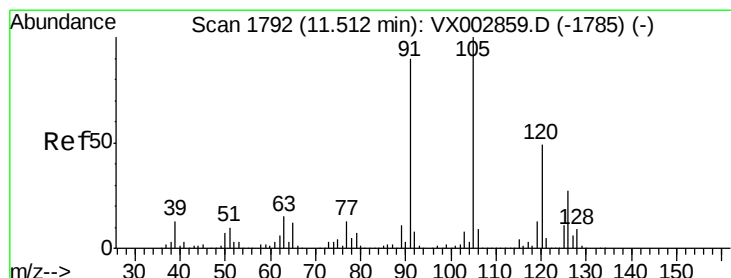
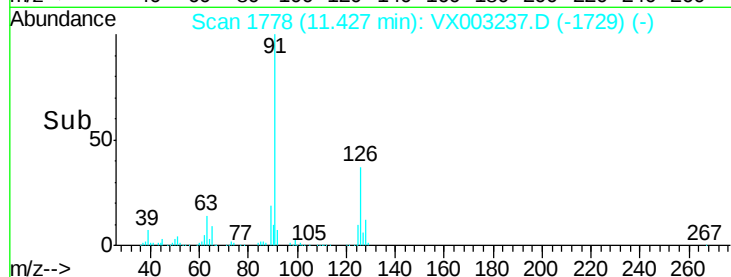
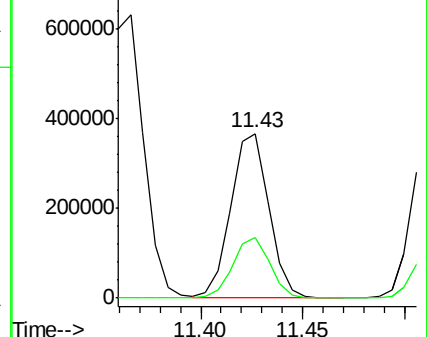
MMDadoda

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Abundance Ion 91.00 (90.70 to 91.70): VX003237.D (-1773) (-)

Ion 125.90 (125.60 to 126.60): VX003237.D (-1773) (-)



#80

1,3,5-Trimethylbenzene

Concen: 51.782 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX003237.D

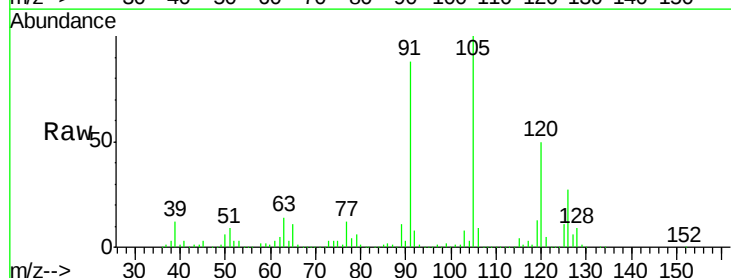
Acq: 07 Jul 2018 02:27

Tgt Ion: 105 Resp: 594186

Ion Ratio Lower Upper

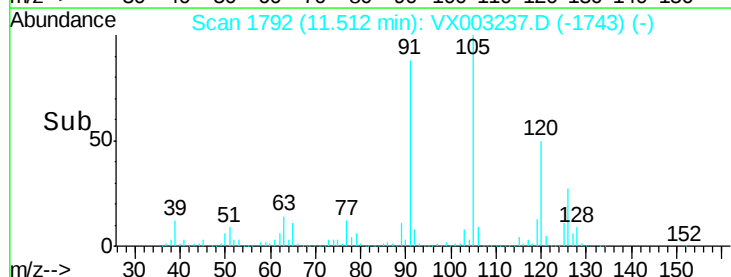
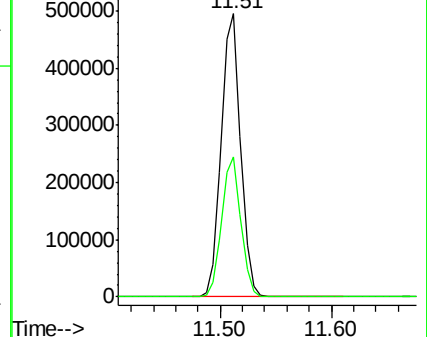
105 100

120 49.1 24.4 73.4



Abundance Ion 105.00 (104.70 to 105.70): VX003237.D (-1785) (-)

Ion 120.00 (119.70 to 120.70): VX003237.D (-1785) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 43.475 ug/l

RT: 11.08 min Scan# 1721

Delta R.T. 0.00 min

Lab File: VX003237.D

Acq: 07 Jul 2018 02:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 75 Resp: 54372

Ion Ratio Lower Upper

75 100

53 104.2 86.8 130.2

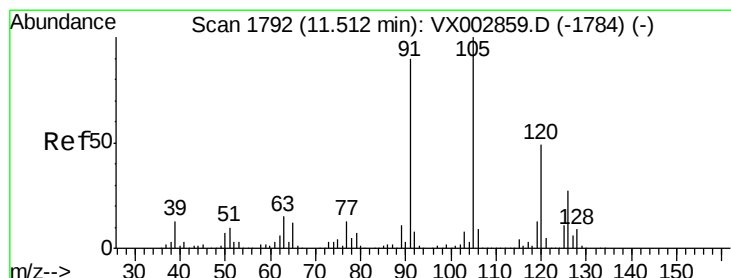
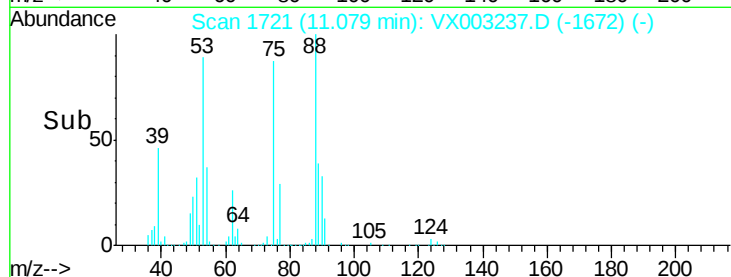
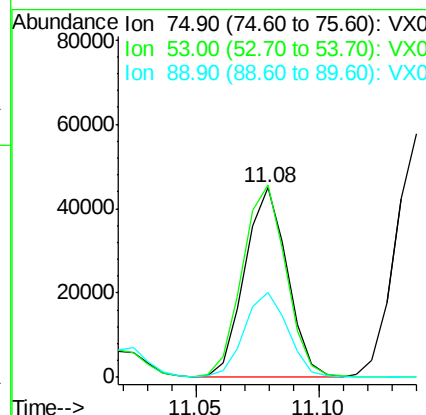
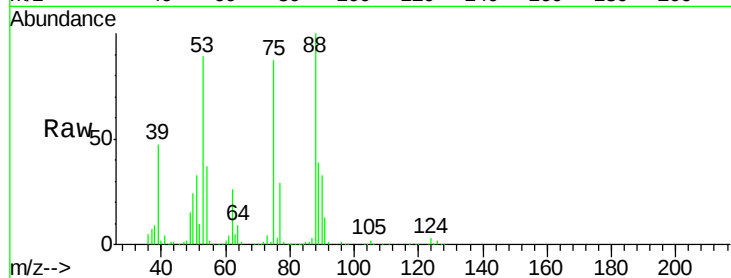
89 46.2 38.2 57.2

Manual Integrations

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#82

4-Chlorotoluene

Concen: 49.692 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX003237.D

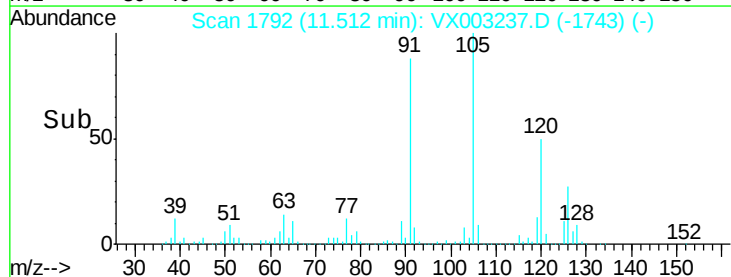
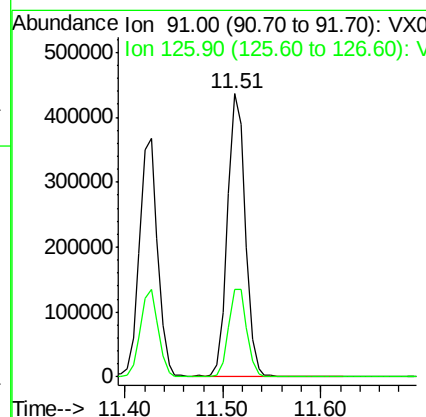
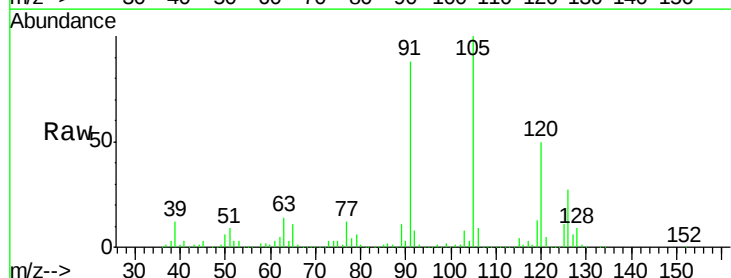
Acq: 07 Jul 2018 02:27

Tgt Ion: 91 Resp: 552325

Ion Ratio Lower Upper

91 100

126 31.8 15.4 46.4





#83

tert-Butylbenzene

Concen: 50.684 ug/l

RT: 11.77 min Scan# 1835

Delta R.T. -0.00 min

Lab File: VX003237.D

Acq: 07 Jul 2018 02:27

Instrument :

MSVOA_X

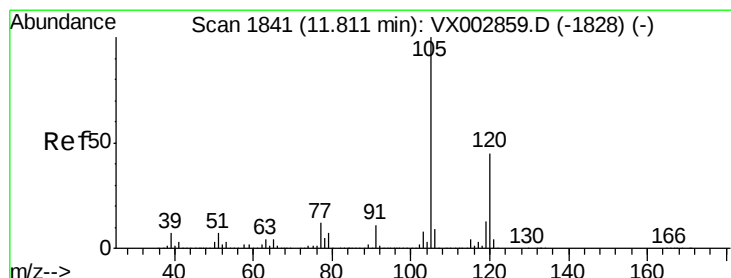
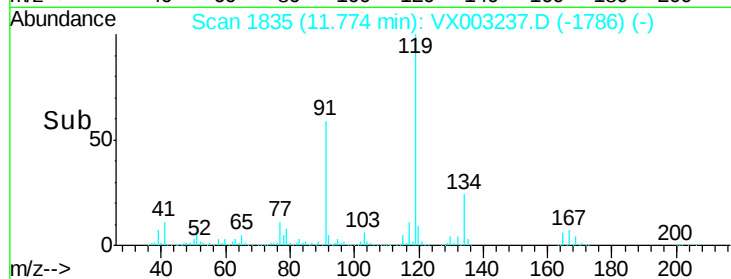
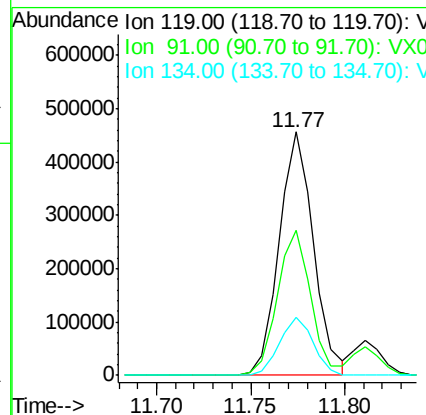
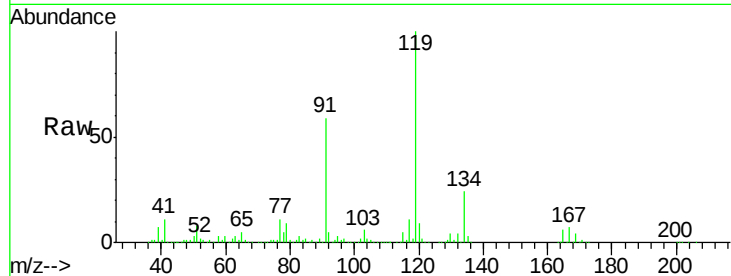
ClientSampleId :

VSTDCCC050EC

Tot Ion:	119	Resp:	573176
Ion Ratio	Lower	Upper	
119	100		
91	58.5	30.3	90.9
134	23.6	11.7	35.1

Manual Integrations
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#84

1,2,4-Trimethylbenzene

Concen: 51.311 ug/l

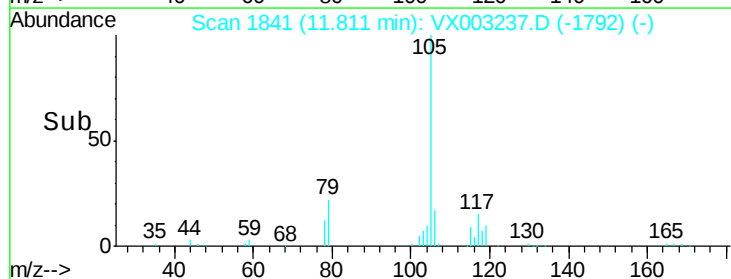
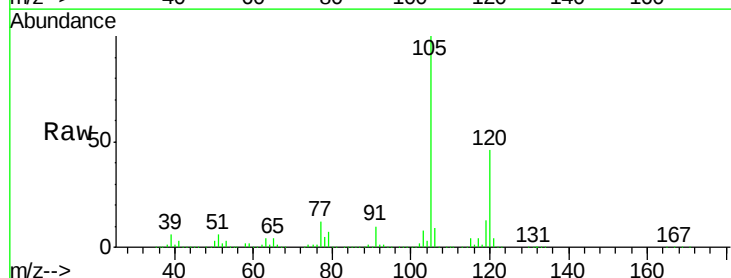
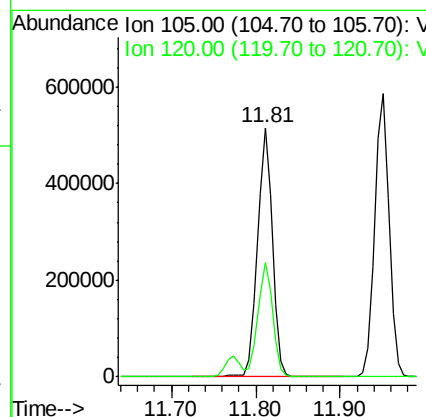
RT: 11.81 min Scan# 1841

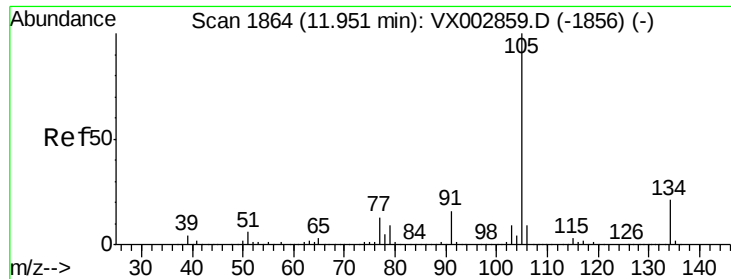
Delta R.T. -0.00 min

Lab File: VX003237.D

Acq: 07 Jul 2018 02:27

Tgt Ion:	105	Resp:	610041
Ion Ratio	Lower	Upper	
105	100		
120	45.7	22.3	66.8





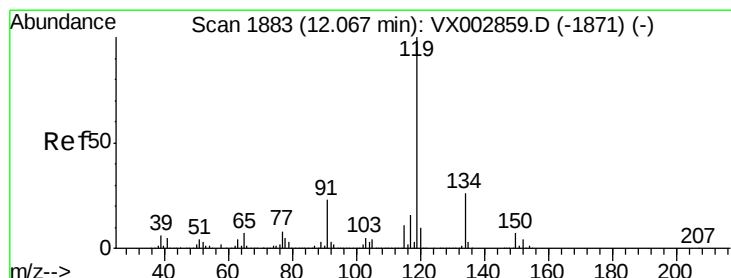
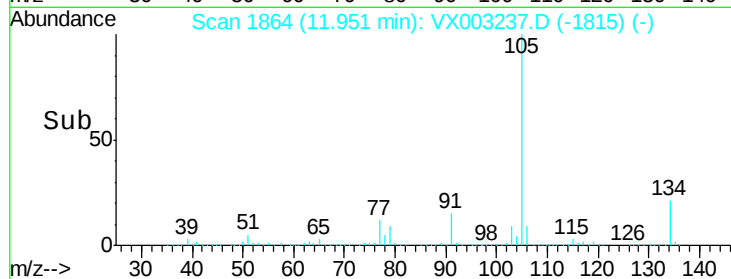
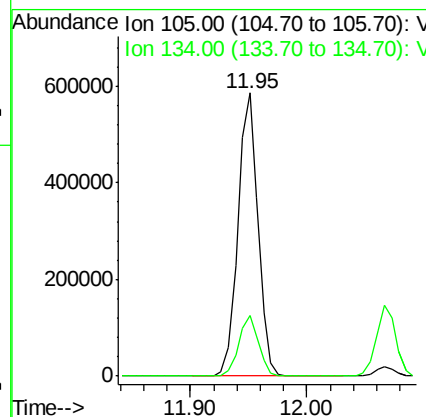
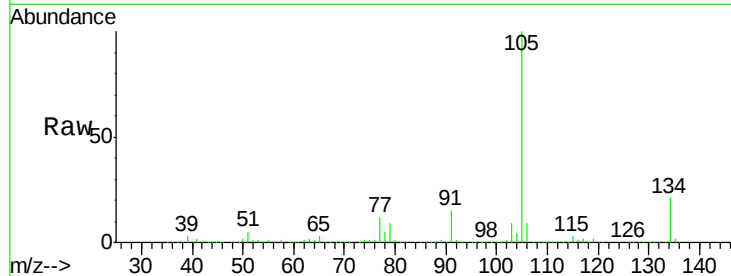
#85
 sec-Butylbenzene
 Concen: 51.096 ug/l
 RT: 11.95 min Scan# 1864
 Delta R.T. -0.00 min
 Lab File: VX003237.D
 Acq: 07 Jul 2018 02:27

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:105 Resp: 700989
 Ion Ratio Lower Upper
 105 100
 134 21.0 10.4 31.1

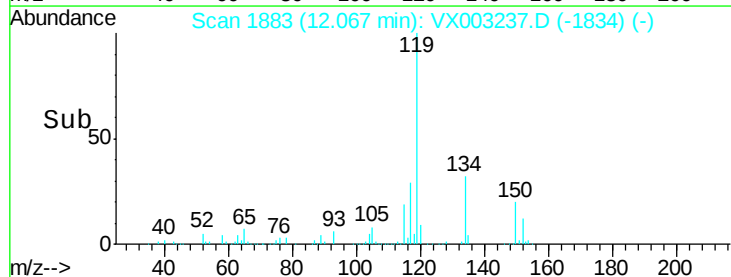
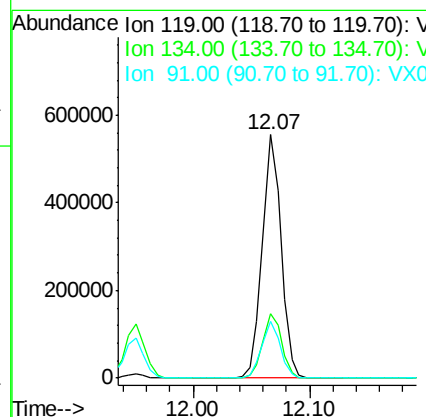
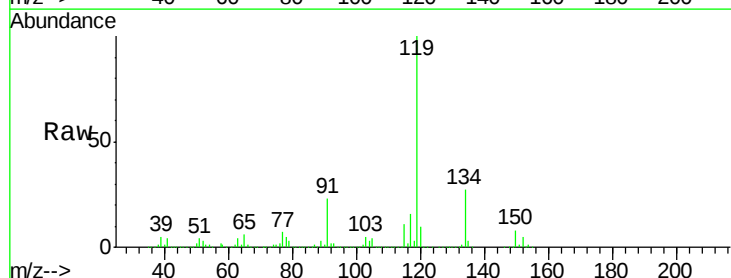
Manual Integrations
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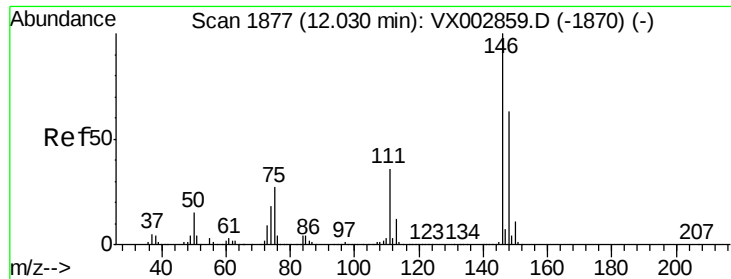
MMDadoda
 7/9/2018 12:56:56 PM



#86
 p-Isopropyltoluene
 Concen: 51.488 ug/l
 RT: 12.07 min Scan# 1883
 Delta R.T. -0.00 min
 Lab File: VX003237.D
 Acq: 07 Jul 2018 02:27

Tgt Ion:119 Resp: 635066
 Ion Ratio Lower Upper
 119 100
 134 27.0 13.4 40.1
 91 23.0 11.9 35.7





#87

1,3-Dichlorobenzene

Concen: 50.407 ug/l

RT: 12.03 min Scan# 1877

Delta R.T. -0.00 min

Lab File: VX003237.D

Acq: 07 Jul 2018 02:27

Instrument :

MSVOA_X

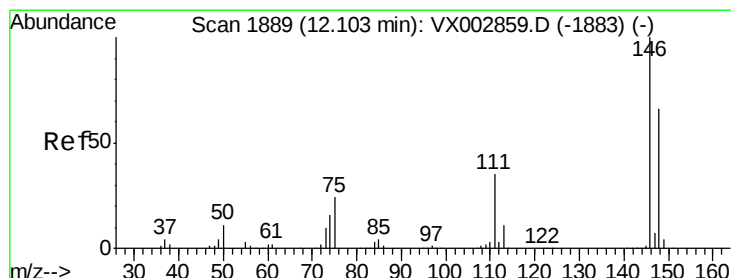
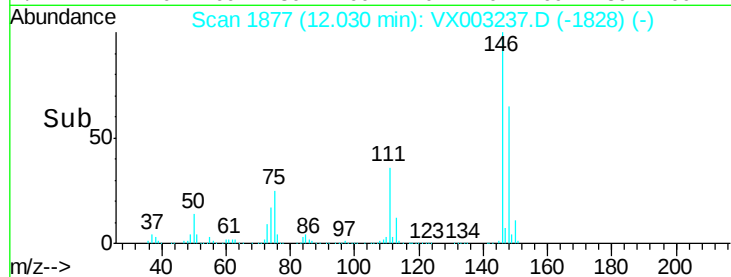
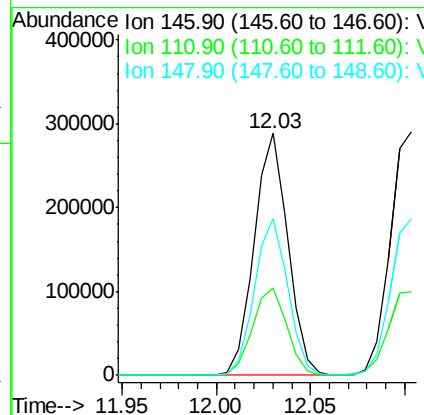
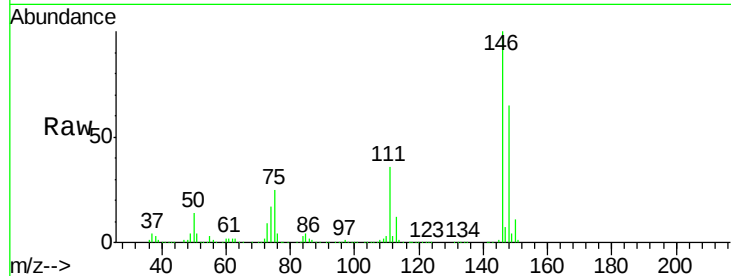
ClientSampleId :

VSTDCCC050EC

Tot Ion:	146	Resp:	357186
Ion Ratio	Lower	Upper	
146	100		
111	37.0	18.9	56.7
148	64.3	32.1	96.3

Manual Integrations
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#88

1,4-Dichlorobenzene

Concen: 49.753 ug/l

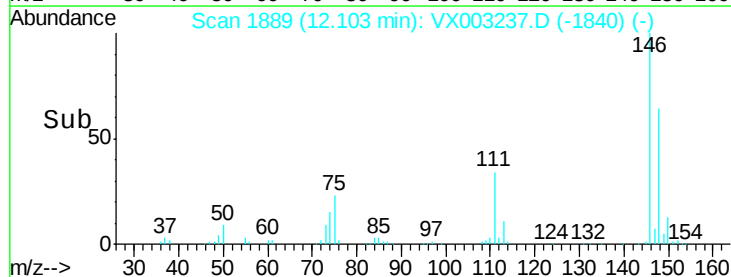
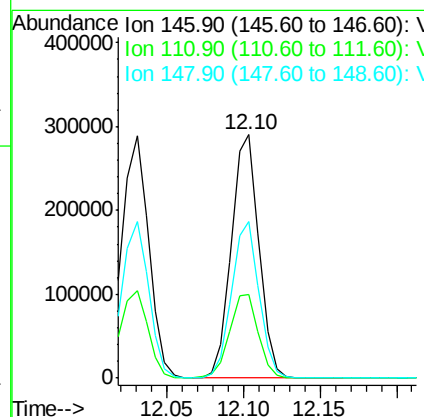
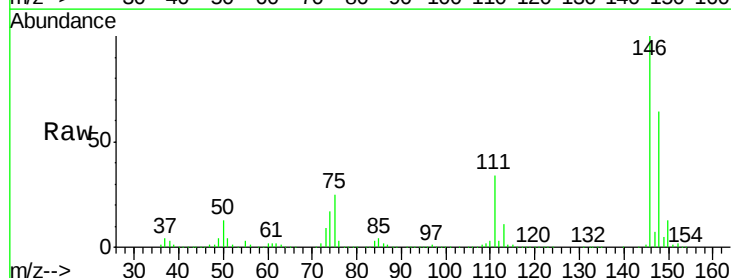
RT: 12.10 min Scan# 1889

Delta R.T. -0.00 min

Lab File: VX003237.D

Acq: 07 Jul 2018 02:27

Tgt Ion:	146	Resp:	362812
Ion Ratio	Lower	Upper	
146	100		
111	35.7	18.7	56.1
148	63.9	32.4	97.0





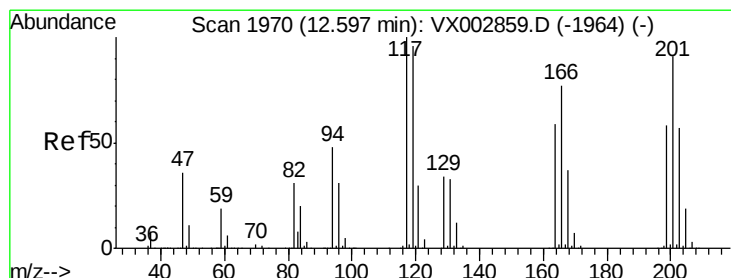
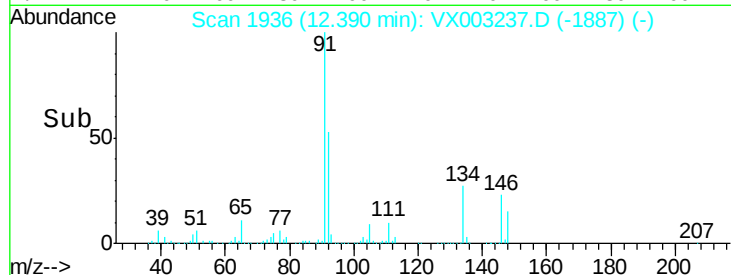
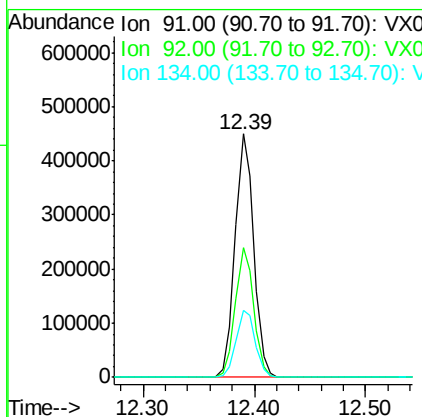
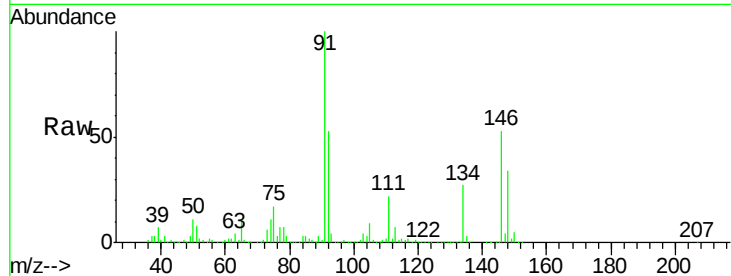
#89
n-Butylbenzene
Concen: 48.429 ug/l
RT: 12.39 min Scan# 1936
Delta R.T. -0.00 min
Lab File: VX003237.D
Acq: 07 Jul 2018 02:27

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
91	100		
92	52.7	26.0	78.0
134	28.1	13.5	40.5

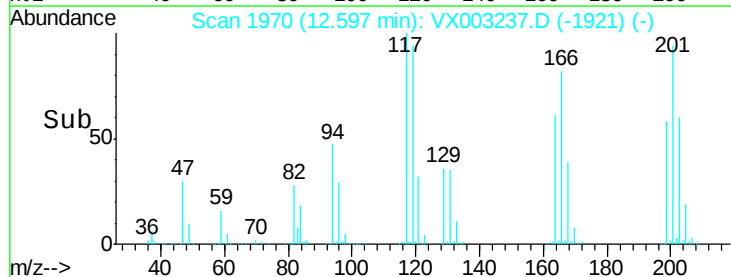
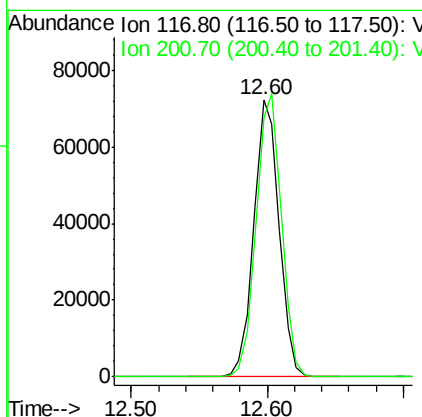
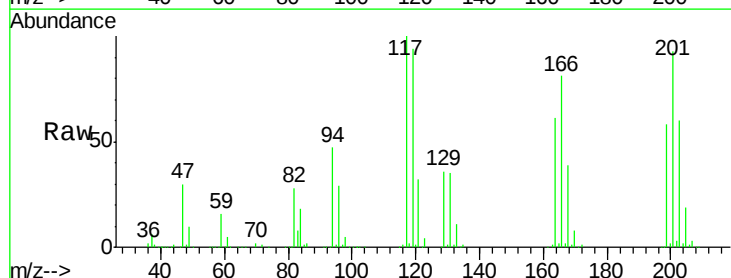
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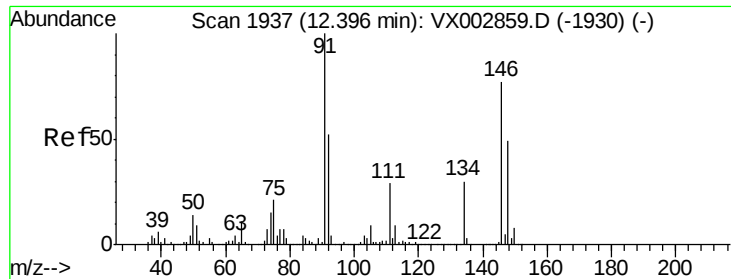
MMDadoda
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#90
Hexachloroethane
Concen: 51.347 ug/l
RT: 12.60 min Scan# 1970
Delta R.T. -0.00 min
Lab File: VX003237.D
Acq: 07 Jul 2018 02:27

Tgt Ion	Ratio	Lower	Upper
117	100		
201	102.8	49.0	147.0





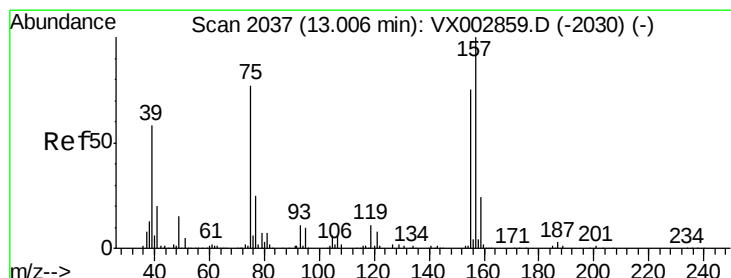
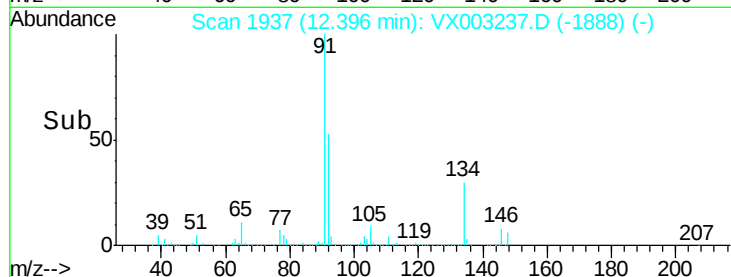
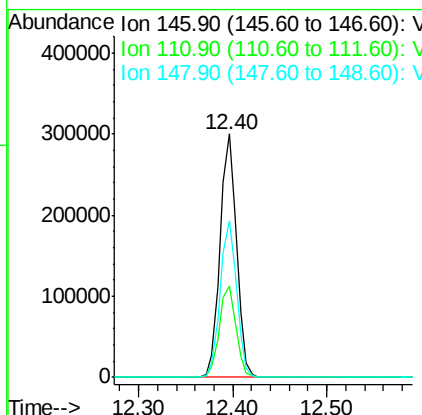
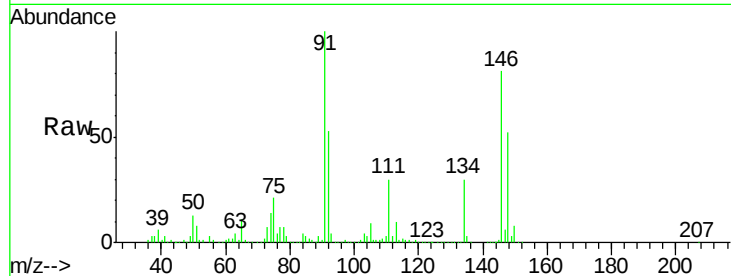
#91
1,2-Dichlorobenzene
Concen: 51.061 ug/l
RT: 12.40 min Scan# 1937
Delta R.T. -0.00 min
Lab File: VX003237.D
Acq: 07 Jul 2018 02:27

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.0	19.4	58.1
148	64.5	31.7	95.1

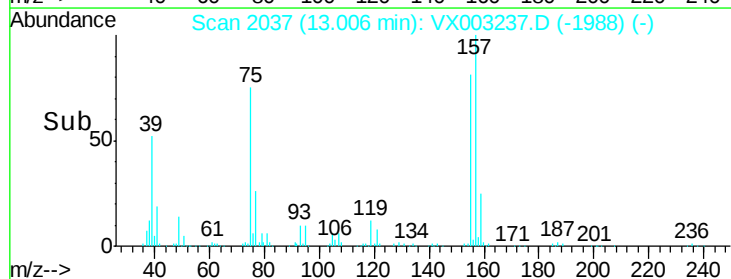
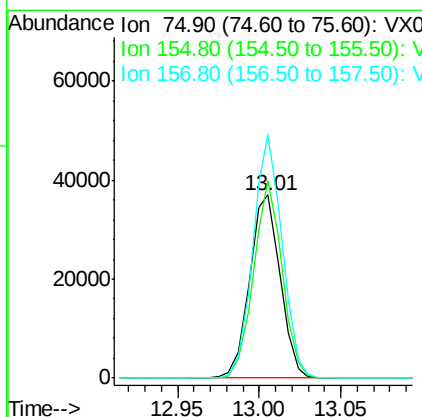
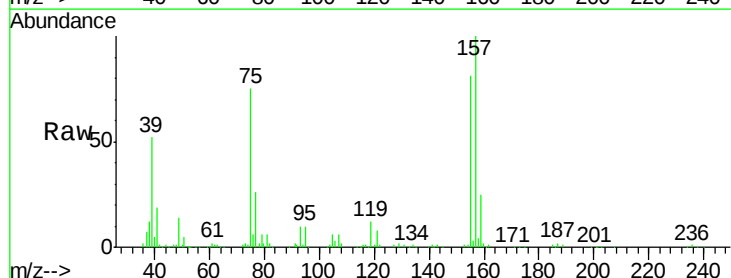
Manual Integrations
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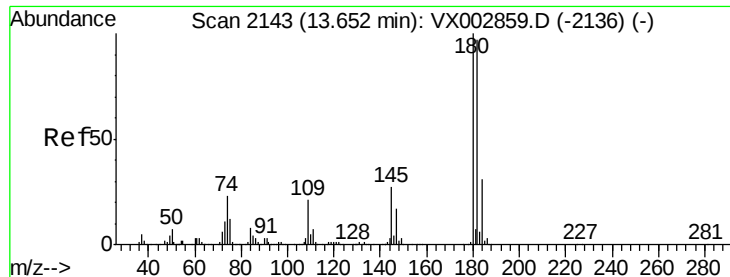
MMDadoda
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#92
1,2-Dibromo-3-Chloropropane
Concen: 51.047 ug/l
RT: 13.01 min Scan# 2037
Delta R.T. -0.00 min
Lab File: VX003237.D
Acq: 07 Jul 2018 02:27

Tgt Ion	Ratio	Lower	Upper
75	100		
155	100.6	45.8	137.4
157	126.6	60.1	180.3





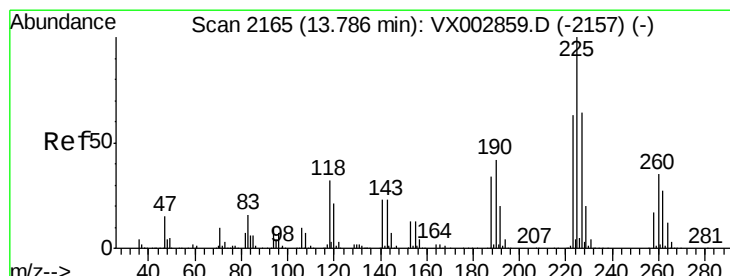
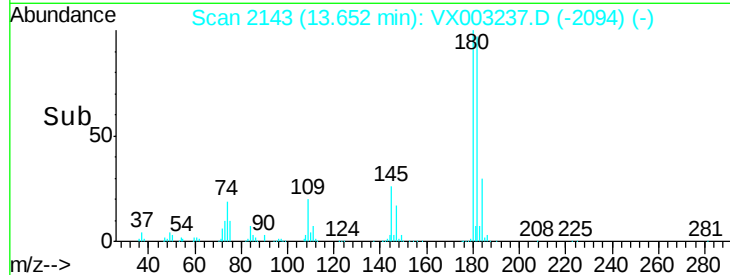
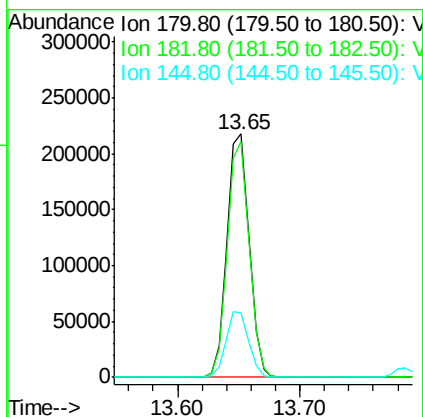
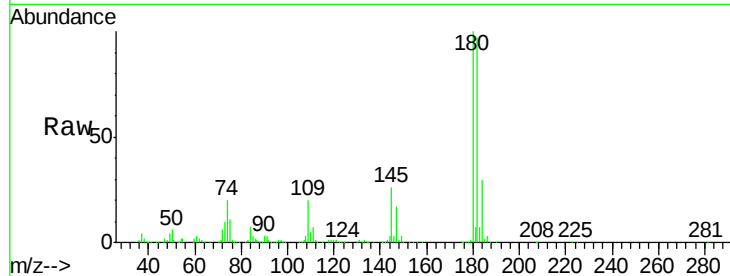
#93
 1,2,4-Trichlorobenzene
 Concen: 52.142 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. -0.00 min
 Lab File: VX003237.D
 Acq: 07 Jul 2018 02:27

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
180	100	271403		
182	95.5	47.7	143.1	
145	27.3	14.1	42.4	

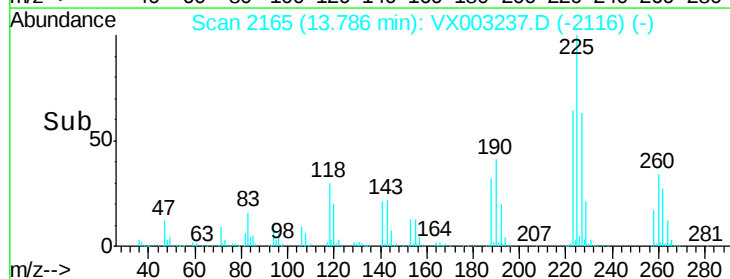
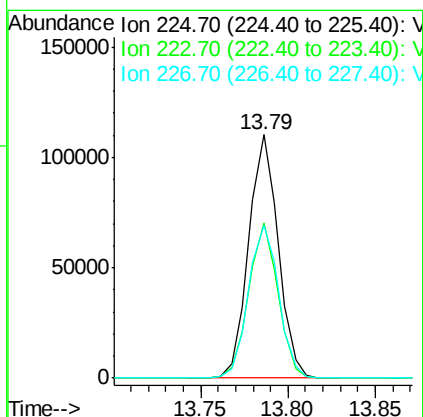
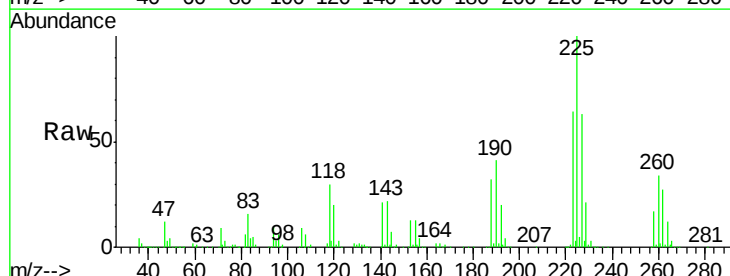
Manual Integrations
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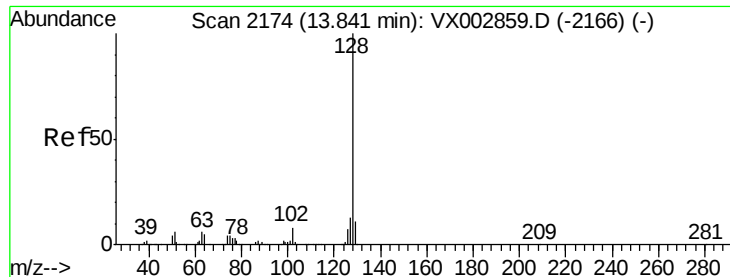
MMDadoda
 7/9/2018 12:56:56 PM



#94
 Hexachlorobutadiene
 Concen: 49.632 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. -0.00 min
 Lab File: VX003237.D
 Acq: 07 Jul 2018 02:27

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	128848		
223	63.6	31.6	95.0	
227	64.6	32.4	97.2	





#95

Naphthalene

Concen: 55.487 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. -0.00 min

Lab File: VX003237.D

Acq: 07 Jul 2018 02:27

Instrument :

MSVOA_X

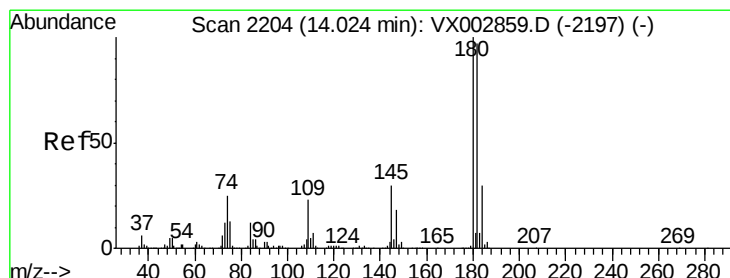
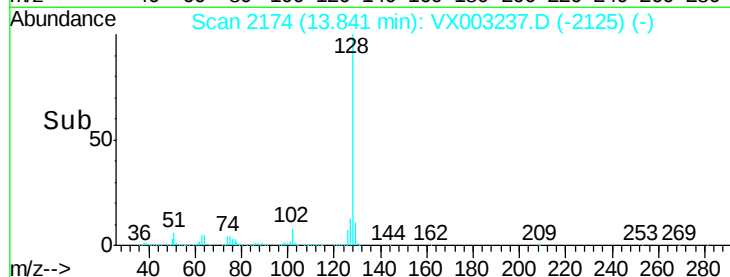
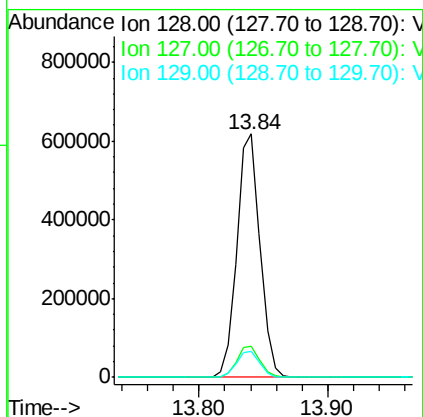
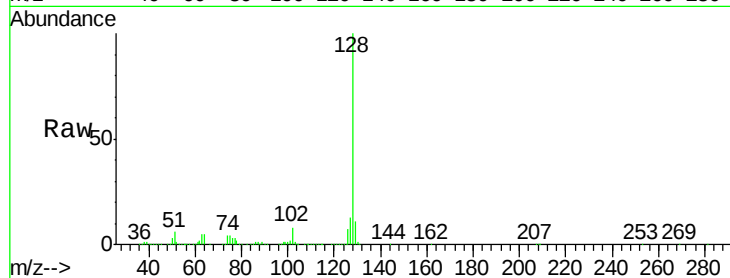
ClientSampleId :

VSTDCCC050EC

Tot Ion:	128	Resp:	769240
Ion Ratio	Lower	Upper	
128	100		
127	12.9	10.4	15.6
129	11.0	8.6	13.0

Manual Integrations
APPROVED

MMDadoda
7/9/2018 12:56:56 PM



#96

1,2,3-Trichlorobenzene

Concen: 54.657 ug/l

RT: 14.02 min Scan# 2204

Delta R.T. -0.00 min

Lab File: VX003237.D

Acq: 07 Jul 2018 02:27

Tgt Ion:	180	Resp:	284159
Ion Ratio	Lower	Upper	
180	100		
182	95.4	48.0	144.0
145	29.2	14.8	44.3

