

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX060918\
 Data File : VX002417.D
 Acq On : 09 Jun 2018 10:48
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 6/11/2018 2:32:51 PM

Quant Time: Jun 11 04:21:54 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X060418W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 05 03:22:35 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	247970	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	342741	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	337803	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	220809	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	159715	44.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.34%	
35) Dibromofluoromethane	5.51	113	125726	46.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.30%	
50) Toluene-d8	8.72	98	483684	46.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.64%	
62) 4-Bromofluorobenzene	11.14	95	188336	47.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.56%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	125321	48.62	ug/l	99
3) Chloromethane	1.32	50	135481	45.62	ug/l	99
4) Vinyl Chloride	1.41	62	153099	47.13	ug/l	98
5) Bromomethane	1.64	94	66987	35.47	ug/l	98
6) Chloroethane	1.72	64	100711	47.92	ug/l	99
7) Trichlorofluoromethane	1.93	101	267016	53.94	ug/l	98
8) Diethyl Ether	2.19	74	93461	53.29	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.39	101	154668	57.90	ug/l	98
10) Methyl Iodide	2.51	142	99369	26.45	ug/l	99
11) Tert butyl alcohol	3.07	59	146525	197.46	ug/l	99
12) 1,1-Dichloroethene	2.38	96	132225	50.09	ug/l	99
13) Acrolein	2.29	56	76203	215.07	ug/l	99
14) Allyl chloride	2.73	41	262662	45.85	ug/l	98
15) Acrylonitrile	3.15	53	366518	242.57	ug/l	99
16) Acetone	2.45	43	454988	302.36	ug/l	99
17) Carbon Disulfide	2.57	76	326635	46.95	ug/l	98
18) Methyl Acetate	2.78	43	178549	50.28	ug/l	98
19) Methyl tert-butyl Ether	3.21	73	491809	53.68	ug/l	100
20) Methylene Chloride	2.86	84	148063	52.97	ug/l	99
21) trans-1,2-Dichloroethene	3.17	96	139783	48.02	ug/l	99
22) Diisopropyl ether	3.87	45	522402	54.72	ug/l	95
23) Vinyl Acetate	3.82	43	2261334	243.49	ug/l	100
24) 1,1-Dichloroethane	3.70	63	280046	49.46	ug/l	99
25) 2-Butanone	4.70	43	518303	213.18	ug/l	100
26) 2,2-Dichloropropane	4.59	77	206587	46.68	ug/l	100
27) cis-1,2-Dichloroethene	4.60	96	142412	44.98	ug/l	95
28) Bromochloromethane	5.03	49	127426	53.14	ug/l	99
29) Tetrahydrofuran	5.17	42	306206	195.34	ug/l	99
30) Chloroform	5.22	83	254600	46.60	ug/l	98
31) Cyclohexane	5.58	56	221848	49.55	ug/l	98
32) 1,1,1-Trichloroethane	5.50	97	226759	48.94	ug/l	100
36) 1,1-Dichloropropene	5.80	75	184001	51.07	ug/l	99
37) Ethyl Acetate	4.86	43	190492	43.96	ug/l	100
38) Carbon Tetrachloride	5.79	117	201873	53.55	ug/l	99

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 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X060418W.M
 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	235608	52.91	ug/l	98
40) Benzene	6.15	78	545318	49.36	ug/l	97
41) Methacrylonitrile	5.06	41	111624	45.00	ug/l	99
42) 1,2-Dichloroethane	6.20	62	213244	48.58	ug/l	99
43) Isopropyl Acetate	6.46	43	336741	45.75	ug/l	99
44) Trichloroethene	7.21	130	156660	51.09	ug/l	95
45) 1,2-Dichloropropane	7.52	63	147003	49.29	ug/l	98
46) Dibromomethane	7.66	93	98785	48.86	ug/l	99
47) Bromodichloromethane	7.90	83	189560	51.84	ug/l	97
48) Methyl methacrylate	7.78	41	171598	46.42	ug/l	98
49) 1,4-Dioxane	7.76	88	51975	751.89	ug/l	98
51) 4-Methyl-2-Pentanone	8.65	43	1057346	230.69	ug/l	99
52) Toluene	8.79	92	362638	51.61	ug/l	99
53) t-1,3-Dichloropropene	8.44	75	226214	51.59	ug/l	100
54) cis-1,3-Dichloropropene	9.04	75	214430	51.83	ug/l	98
55) 1,1,2-Trichloroethane	9.22	97	147900	51.18	ug/l	99
56) Ethyl methacrylate	9.18	69	224986	48.76	ug/l	99
57) 1,3-Dichloropropane	9.37	76	242761	50.07	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	555767	260.25	ug/l	99
59) 2-Hexanone	9.50	43	836203	236.20	ug/l	99
60) Dibromochloromethane	9.59	129	158758	54.61	ug/l	99
61) 1,2-Dibromoethane	9.68	107	154166	51.16	ug/l	99
64) Tetrachloroethene	9.34	164	177095	50.83	ug/l	97
65) Chlorobenzene	10.14	112	420524	50.03	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.23	131	157161	51.64	ug/l	99
67) Ethyl Benzene	10.26	91	732958	52.11	ug/l	100
68) m/p-Xylenes	10.36	106	571847	104.58	ug/l	100
69) o-Xylene	10.70	106	278308	51.14	ug/l	99
70) Styrene	10.71	104	465995	52.38	ug/l	99
71) Bromoform	10.86	173	121821	45.06	ug/l	100
73) Isopropylbenzene	11.02	105	777471	50.61	ug/l	100
74) N-amyl acetate	6.46	43	336741	40.69	ug/l #	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	216710	44.86	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	215354m	44.45	ug/l	
77) Bromobenzene	11.26	156	207412	48.10	ug/l	98
78) n-propylbenzene	11.37	91	903471	52.92	ug/l	100
79) 2-Chlorotoluene	11.43	91	517243	47.98	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	666348	50.58	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.08	75	56845	41.13	ug/l	97
82) 4-Chlorotoluene	11.51	91	622539	50.03	ug/l	100
83) tert-Butylbenzene	11.77	119	655323	51.08	ug/l	98
84) 1,2,4-Trimethylbenzene	11.81	105	684284	50.46	ug/l	99
85) sec-Butylbenzene	11.95	105	815324	54.21	ug/l	100
86) p-Isopropyltoluene	12.07	119	746310	54.48	ug/l	100
87) 1,3-Dichlorobenzene	12.03	146	387922	50.31	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	394531	49.64	ug/l	99
89) n-Butylbenzene	12.39	91	660061	57.45	ug/l	100
90) Hexachloroethane	12.60	117	106730	48.80	ug/l	99
91) 1,2-Dichlorobenzene	12.40	146	388766	48.73	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	47479	44.94	ug/l	99

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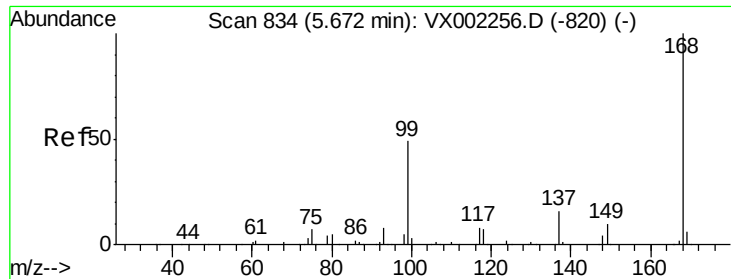
Manual Integrations
APPROVED

MMDadoda
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Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	297005	53.09	ug/l	99
94) Hexachlorobutadiene	13.79	225	161971	58.60	ug/l	99
95) Naphthalene	13.84	128	780350	48.55	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	296075	51.90	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 833

Delta R.T. -0.01 min

Lab File: VX002417.D

Acq: 09 Jun 2018 10:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:168 Resp: 247970

Ion Ratio Lower Upper

168 100

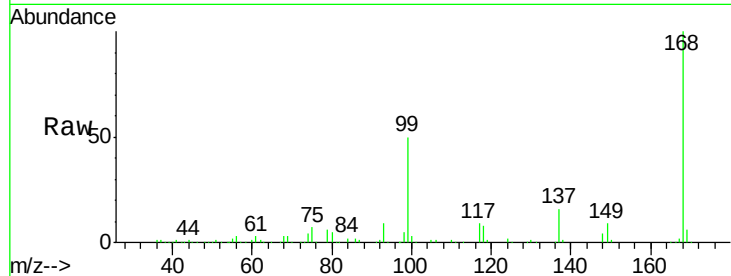
99 49.9 39.3 58.9

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

100000

80000

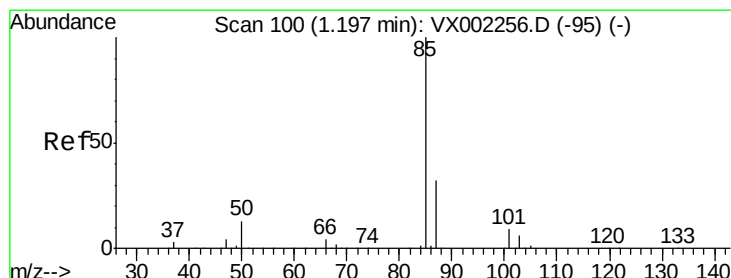
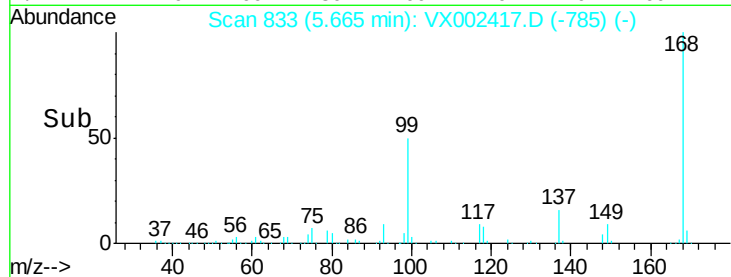
60000

40000

20000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 48.62 ug/l

RT: 1.20 min Scan# 100

Delta R.T. -0.00 min

Lab File: VX002417.D

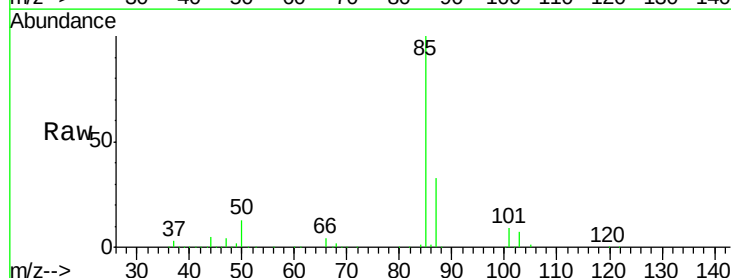
Acq: 09 Jun 2018 10:48

Tgt Ion: 85 Resp: 125321

Ion Ratio Lower Upper

85 100

87 32.7 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

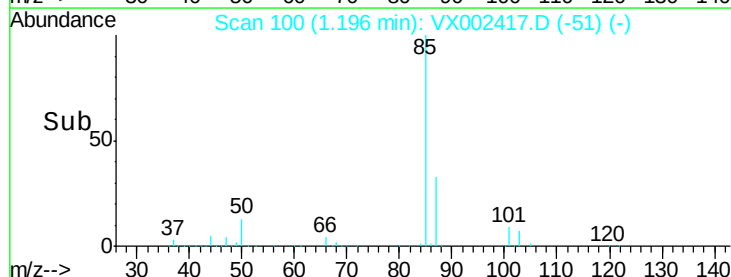
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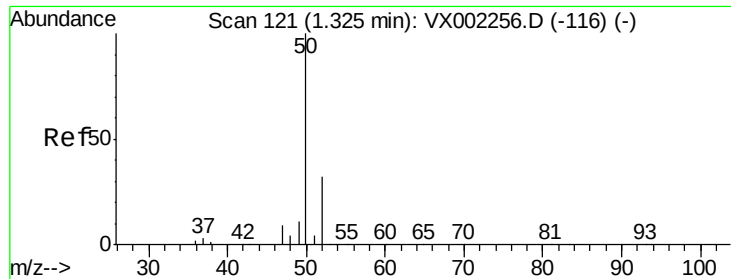
100000

50000

0

Time-->





#3

Chloromethane

Concen: 45.62 ug/l

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX002417.D

Acq: 09 Jun 2018 10:48

Instrument :

MSVOA_X

ClientSampled :

VSTDCCC050

Tot Ion: 50 Resp: 135481

Ion Ratio Lower Upper

50 100

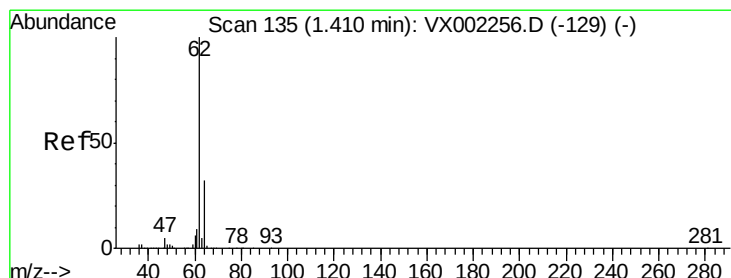
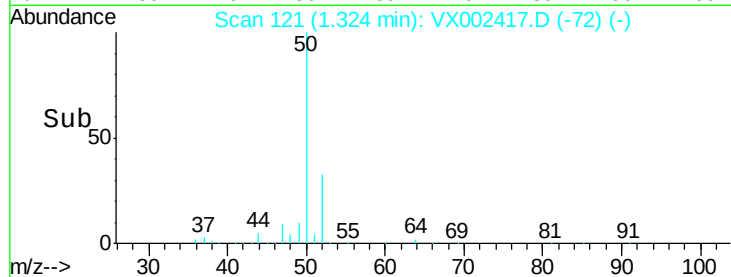
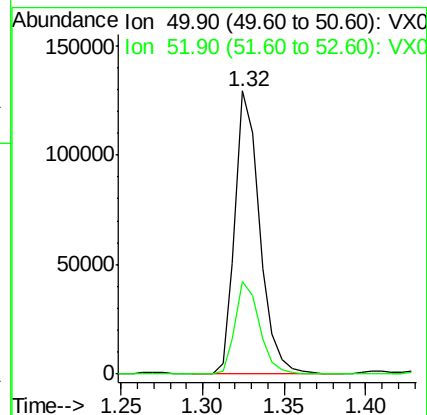
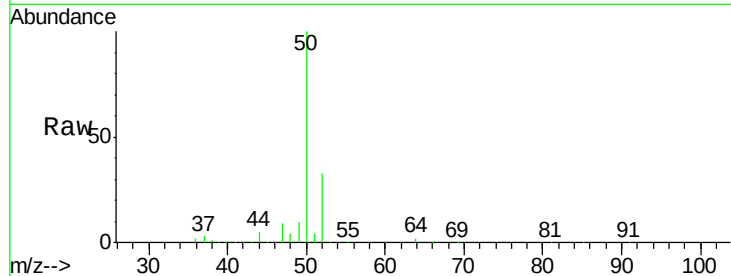
52 32.8 25.7 38.5

Manual Integrations

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6/11/2018 2:32:51 PM



#4

Vinyl Chloride

Concen: 47.13 ug/l

RT: 1.41 min Scan# 135

Delta R.T. -0.00 min

Lab File: VX002417.D

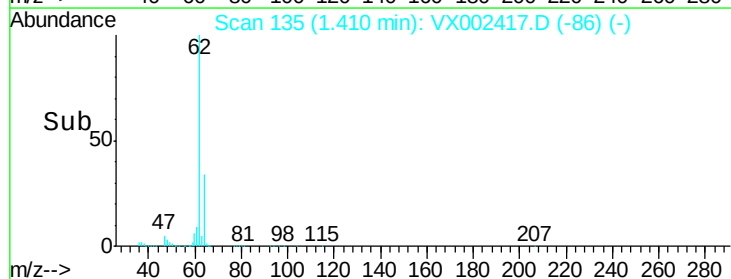
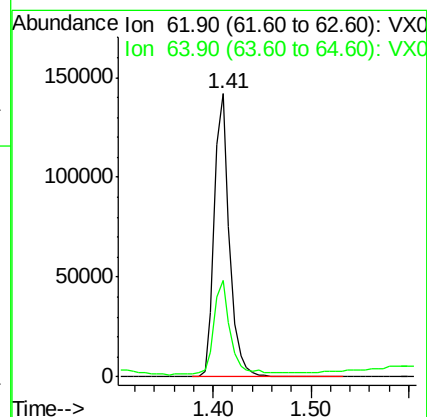
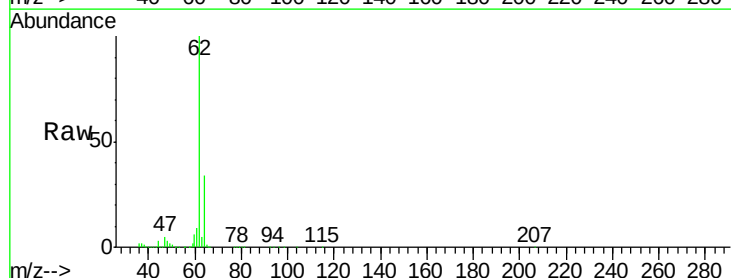
Acq: 09 Jun 2018 10:48

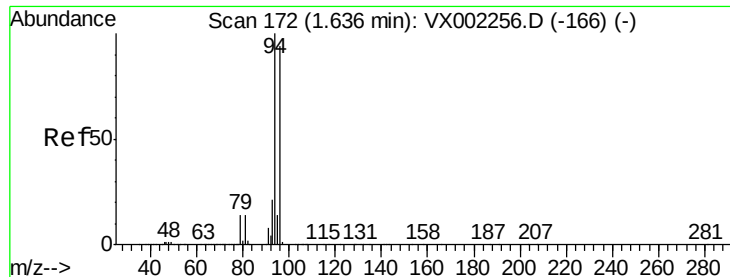
Tgt Ion: 62 Resp: 153099

Ion Ratio Lower Upper

62 100

64 33.0 25.4 38.2





#5

Bromomethane

Concen: 35.47 ug/l

RT: 1.64 min Scan# 173

Delta R.T. 0.01 min

Lab File: VX002417.D

Acq: 09 Jun 2018 10:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 94 Resp: 66987

Ion Ratio Lower Upper

94 100

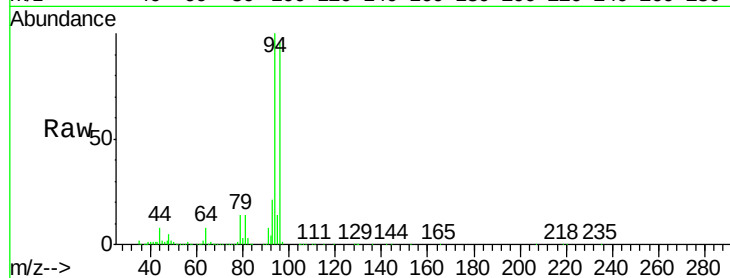
96 95.8 74.9 112.3

Manual Integrations

APPROVED

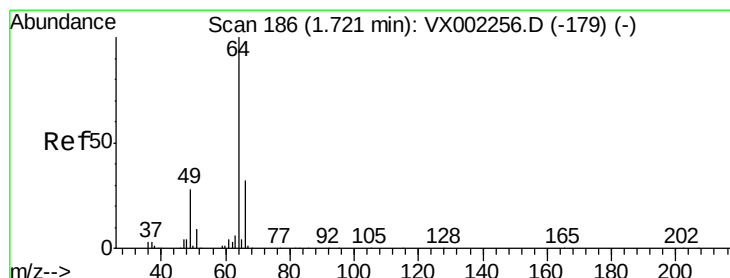
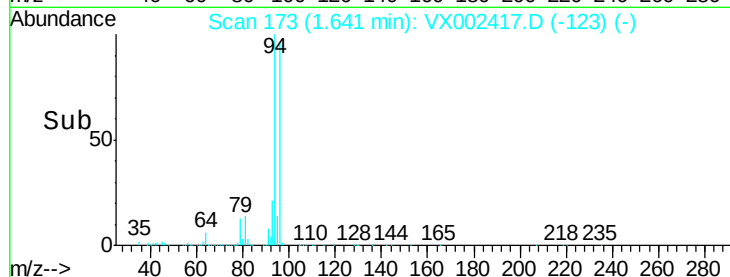
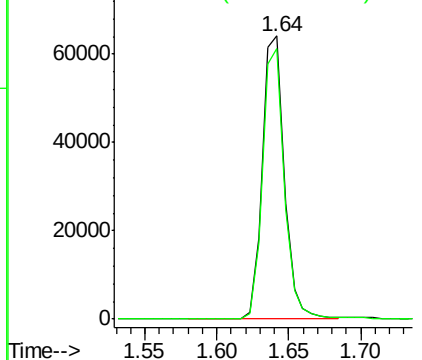
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Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 47.92 ug/l

RT: 1.72 min Scan# 186

Delta R.T. -0.00 min

Lab File: VX002417.D

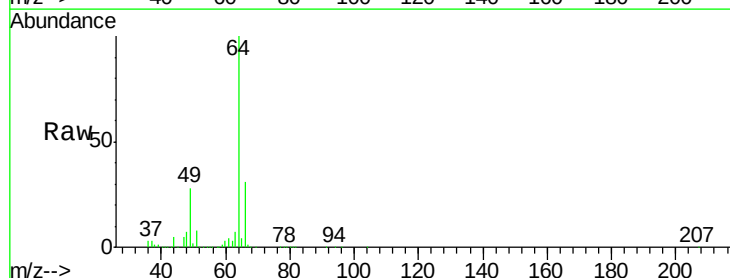
Acq: 09 Jun 2018 10:48

Tgt Ion: 64 Resp: 100711

Ion Ratio Lower Upper

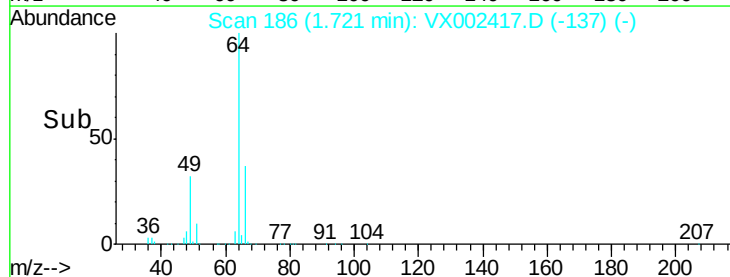
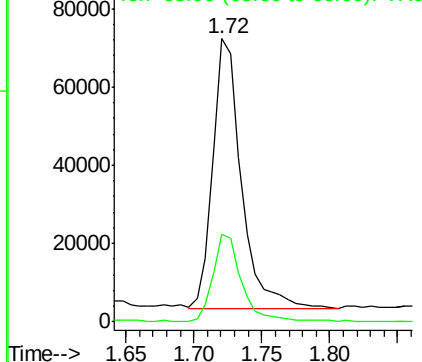
64 100

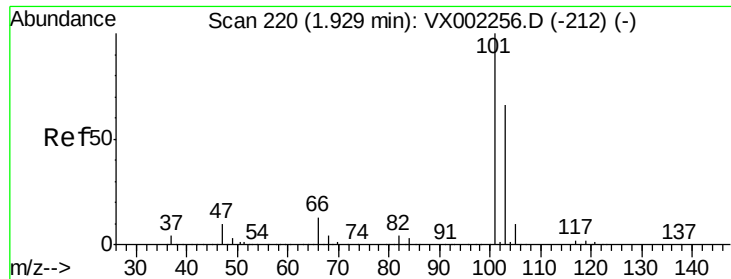
66 32.3 25.5 38.3



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0





#7

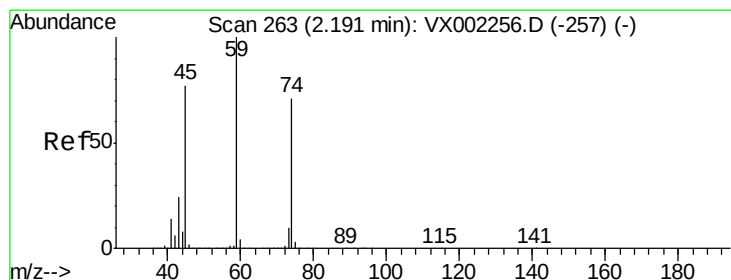
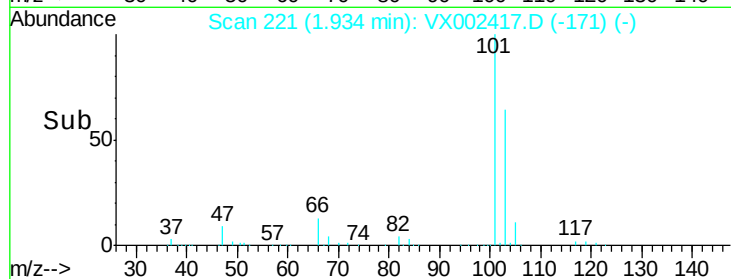
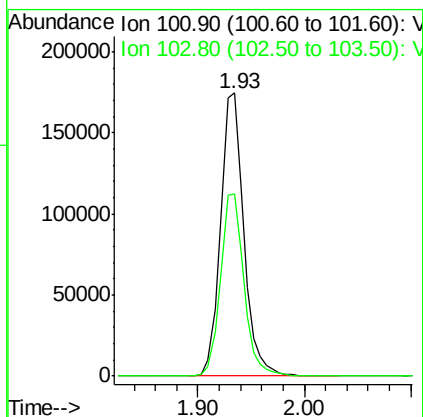
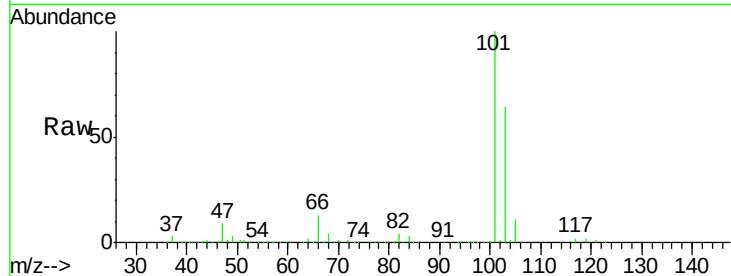
Trichlorofluoromethane
Concen: 53.94 ug/l
RT: 1.93 min Scan# 221
Delta R.T. 0.01 min
Lab File: VX002417.D
Acq: 09 Jun 2018 10:48

Instrument :
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ClientSampleId :
VSTDCCC050

Tot Ion	Ion	Ratio	Resp	Lower	Upper
101	100		267016		
103	64.3	52.8	79.2		

Manual Integrations
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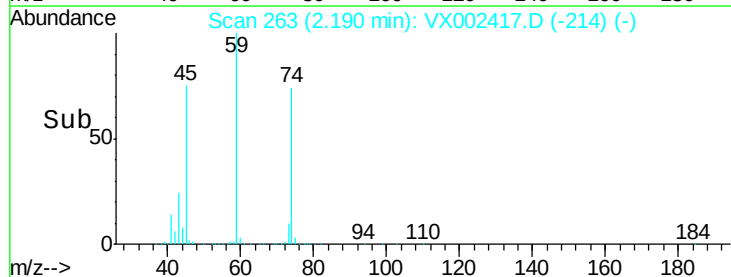
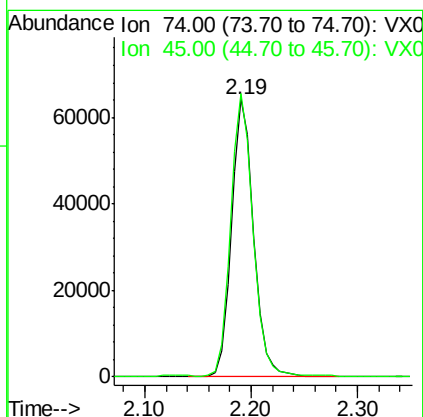
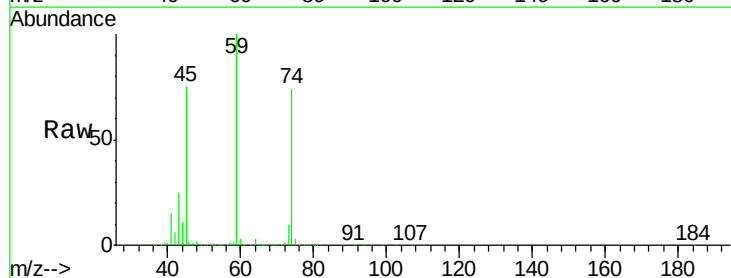
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6/11/2018 2:32:51 PM

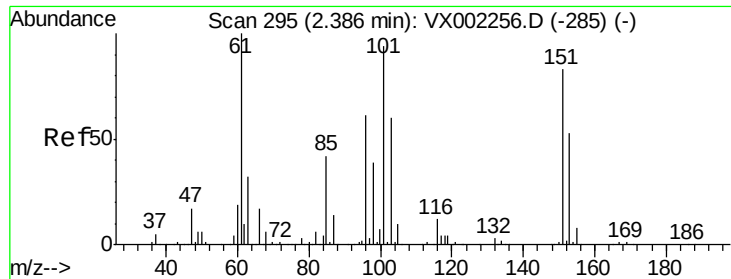


#8

Diethyl Ether
Concen: 53.29 ug/l
RT: 2.19 min Scan# 263
Delta R.T. 0.00 min
Lab File: VX002417.D
Acq: 09 Jun 2018 10:48

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
74	100		93461		
45	102.9	53.1	159.4		





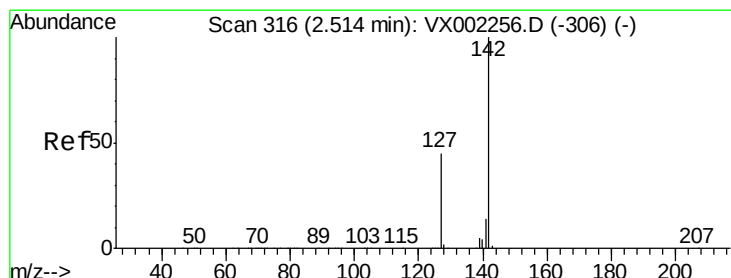
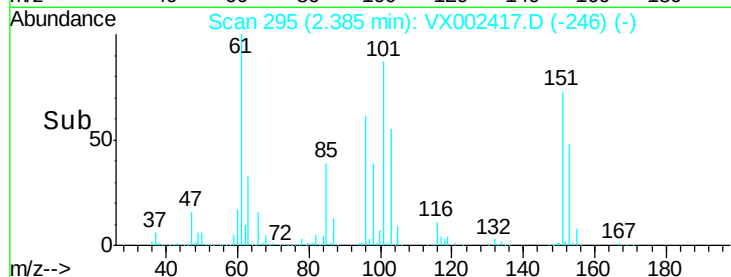
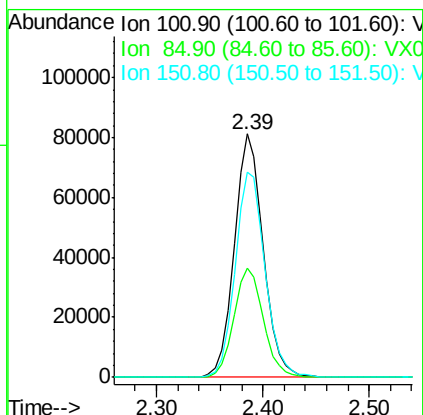
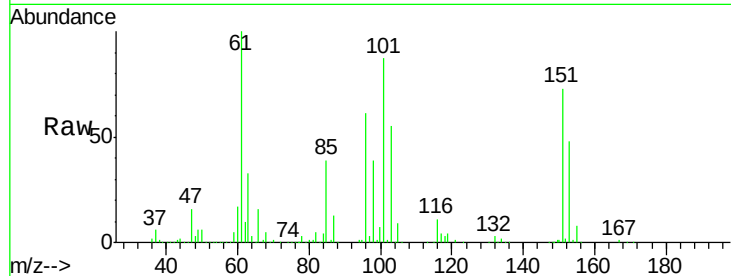
#9
1,1,2-Trichlorotrifluoroethane
Concen: 57.90 ug/l
RT: 2.39 min Scan# 295
Delta R.T. -0.00 min
Lab File: VX002417.D
Acq: 09 Jun 2018 10:48

Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
101	100		
85	45.9	36.0	54.0
151	87.1	70.9	106.3

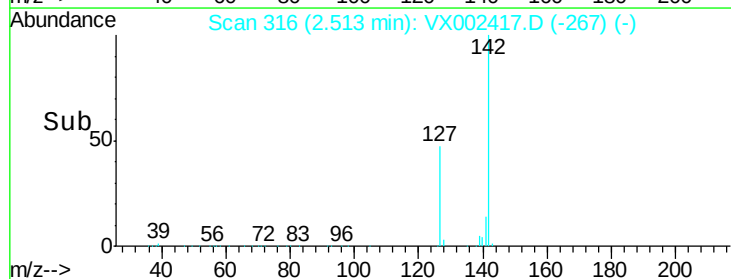
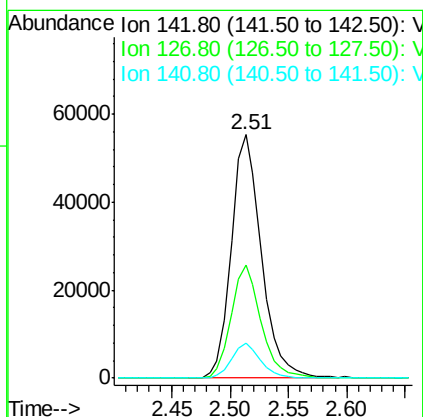
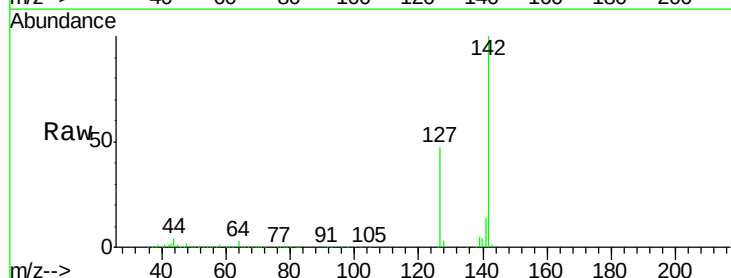
Manual Integrations
APPROVED

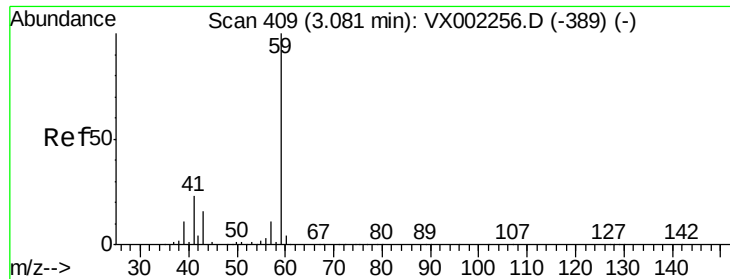
MMDadoda
6/11/2018 2:32:51 PM



#10
Methyl Iodide
Concen: 26.45 ug/l
RT: 2.51 min Scan# 316
Delta R.T. -0.00 min
Lab File: VX002417.D
Acq: 09 Jun 2018 10:48

Tgt Ion	Ratio	Lower	Upper
142	100		
127	46.4	36.6	55.0
141	14.0	11.3	16.9





#11

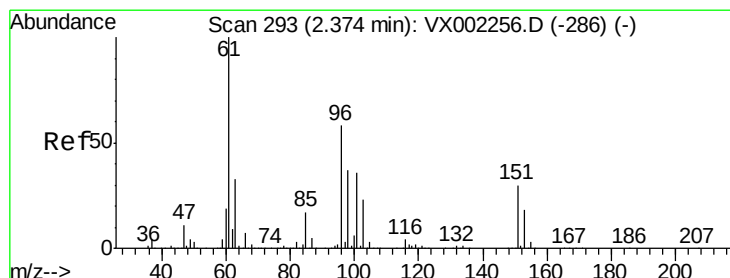
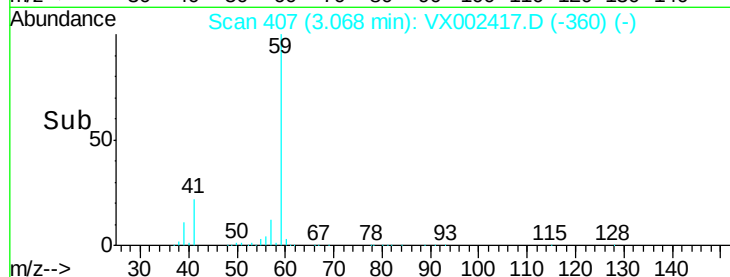
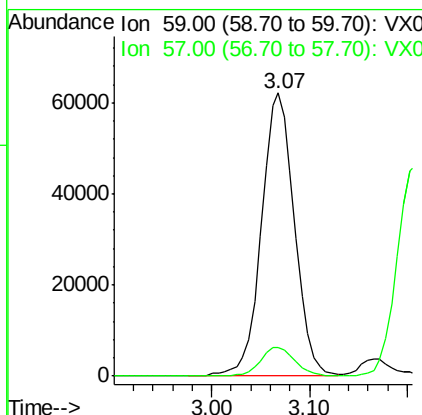
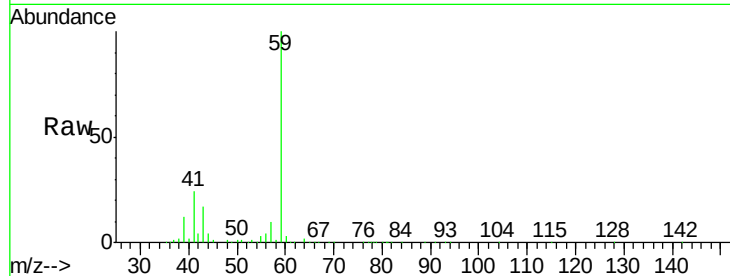
Tert butyl alcohol
 Concen: 197.46 ug/l
 RT: 3.07 min Scan# 407
 Delta R.T. -0.01 min
 Lab File: VX002417.D
 Acq: 09 Jun 2018 10:48

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.5	8.2	12.2

Manual Integrations
 APPROVED

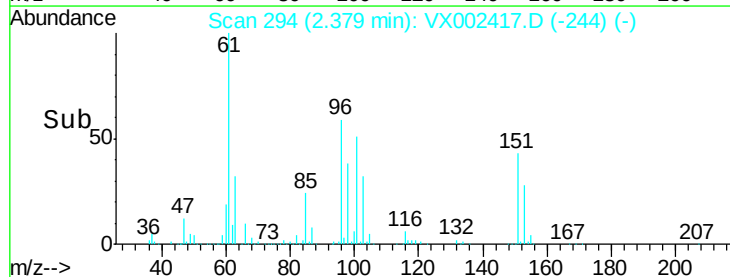
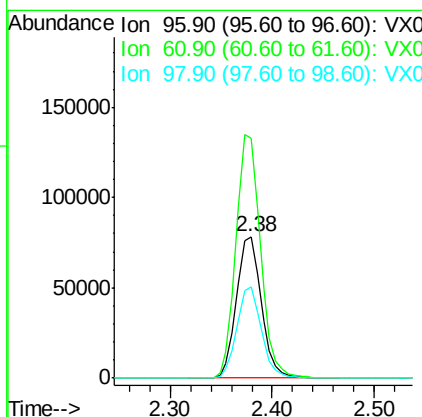
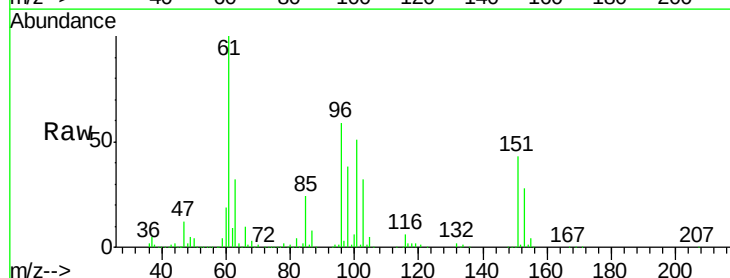
MMDadoda
 6/11/2018 2:32:51 PM

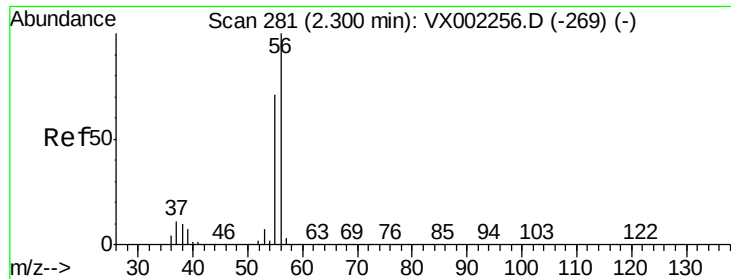


#12

1,1-Dichloroethene
 Concen: 50.09 ug/l
 RT: 2.38 min Scan# 294
 Delta R.T. 0.01 min
 Lab File: VX002417.D
 Acq: 09 Jun 2018 10:48

Tgt Ion	Ratio	Lower	Upper
96	100		
61	170.0	137.9	206.9
98	64.6	51.6	77.4





#13

Acrolein

Concen: 215.07 ug/l

RT: 2.29 min Scan# 280

Delta R.T. -0.01 min

Lab File: VX002417.D

Acq: 09 Jun 2018 10:48

Instrument :

MSVOA_X

ClientSampled :

VSTDCCC050

Tot Ion: 56 Resp: 76203

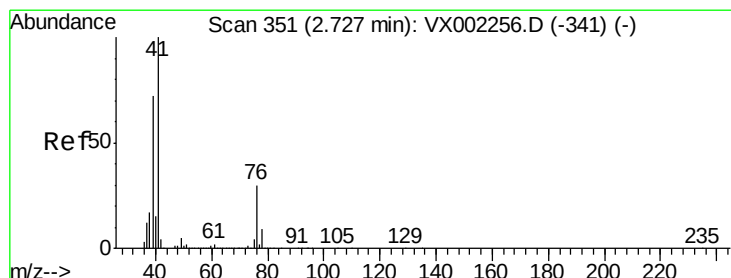
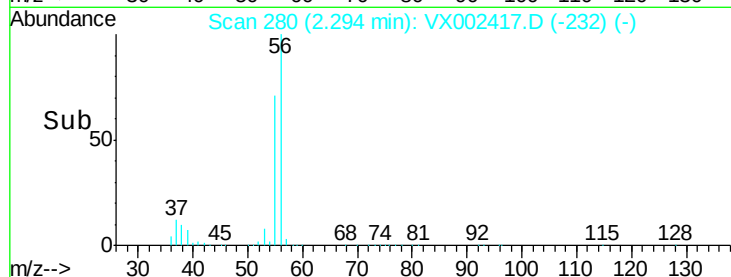
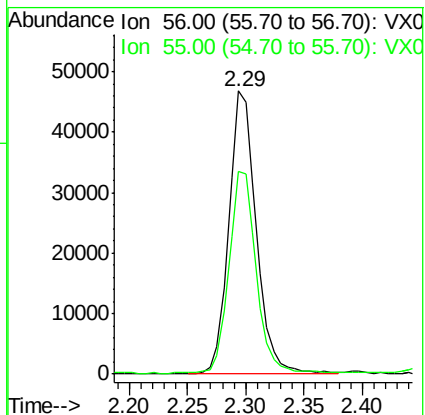
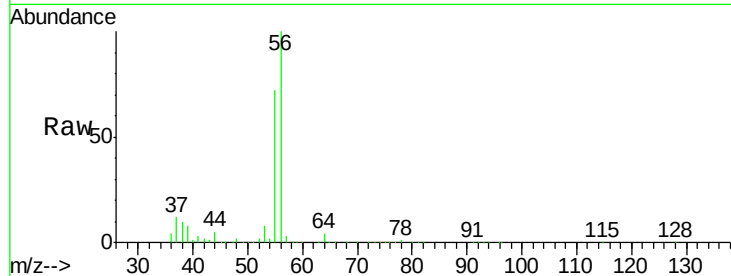
Ion Ratio Lower Upper

56 100

55 71.7 57.0 85.4

Manual Integrations
APPROVED

MMDadoda
6/11/2018 2:32:51 PM



#14

Allyl chloride

Concen: 45.85 ug/l

RT: 2.73 min Scan# 352

Delta R.T. 0.01 min

Lab File: VX002417.D

Acq: 09 Jun 2018 10:48

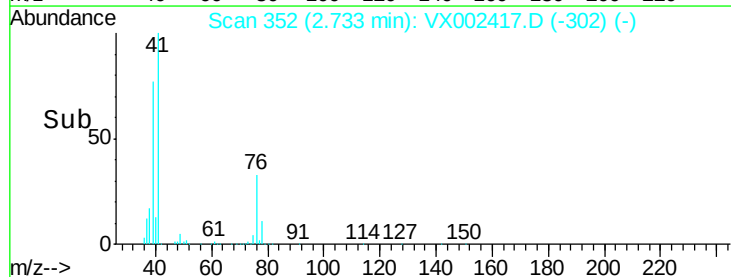
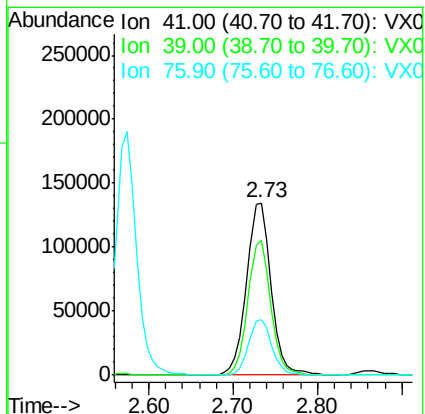
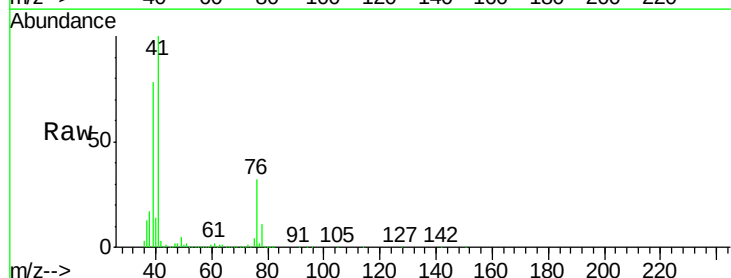
Tgt Ion: 41 Resp: 262662

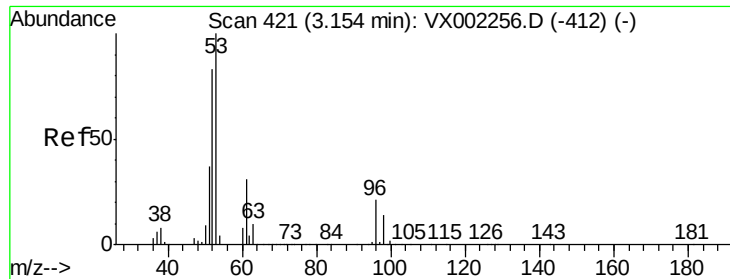
Ion Ratio Lower Upper

41 100

39 72.8 56.8 85.2

76 30.5 23.8 35.8





#15

Acrylonitrile

Concen: 242.57 ug/l

RT: 3.15 min Scan# 421

Delta R.T. 0.00 min

Lab File: VX002417.D

Acq: 09 Jun 2018 10:48

Instrument :

MSVOA_X

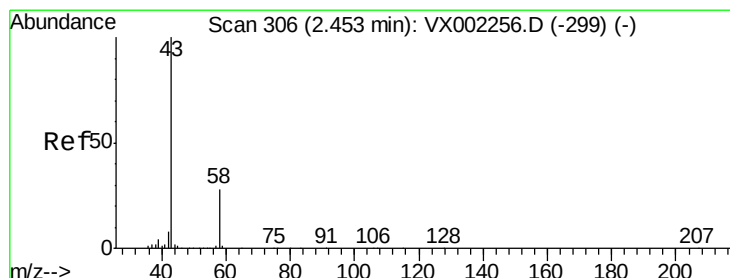
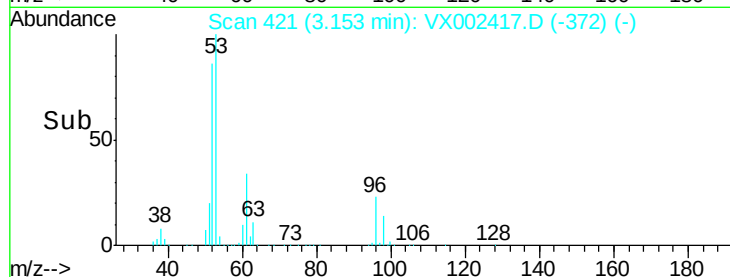
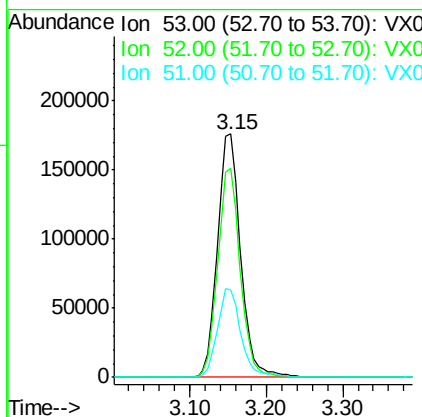
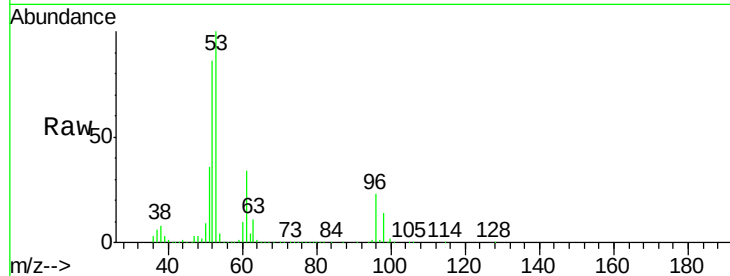
ClientSampleId :

VSTDCCC050

Tot Ion:	53	Resp:	366518
Ion Ratio	Lower	Upper	
53	100		
52	84.2	66.7	100.1
51	37.2	29.9	44.9

Manual Integrations
APPROVED

MMDadoda
6/11/2018 2:32:51 PM



#16

Acetone

Concen: 302.36 ug/l

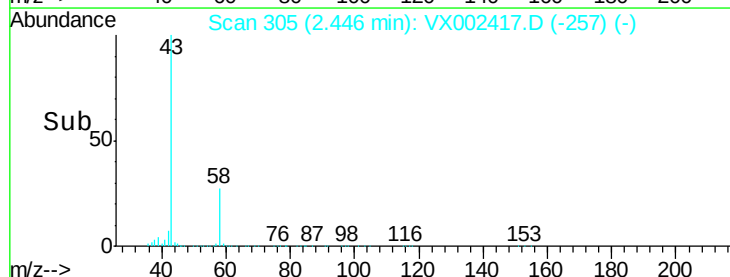
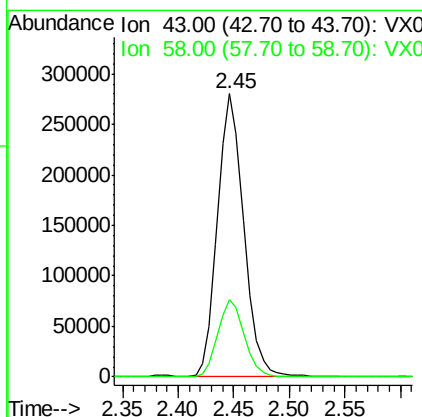
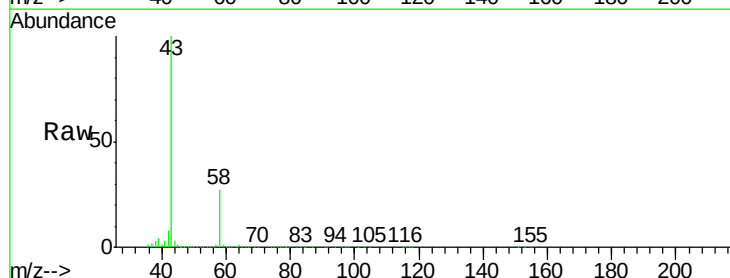
RT: 2.45 min Scan# 305

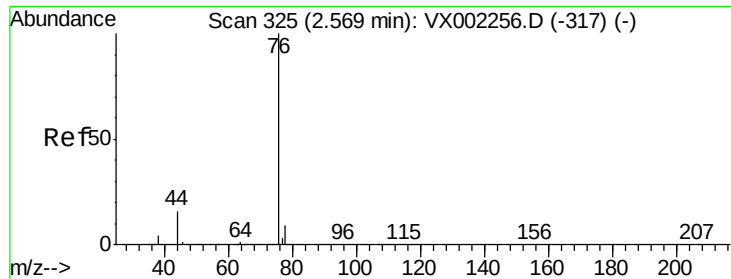
Delta R.T. -0.01 min

Lab File: VX002417.D

Acq: 09 Jun 2018 10:48

Tgt Ion:	43	Resp:	454988
Ion Ratio	Lower	Upper	
43	100		
58	27.2	22.1	33.1





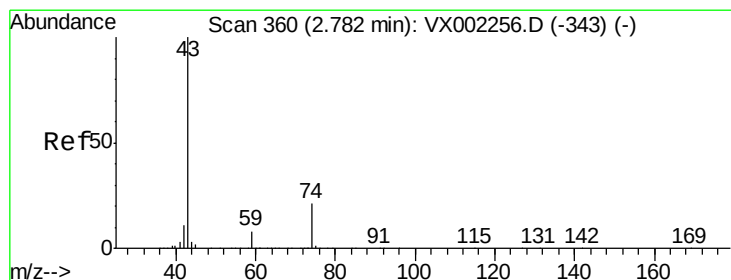
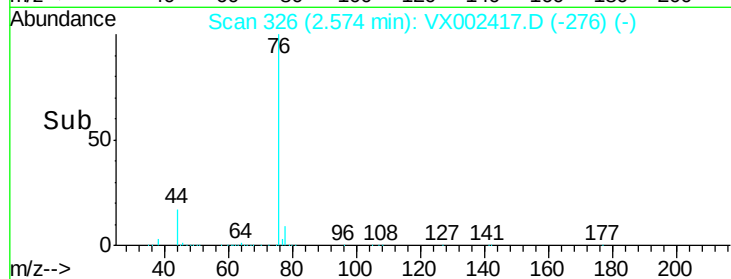
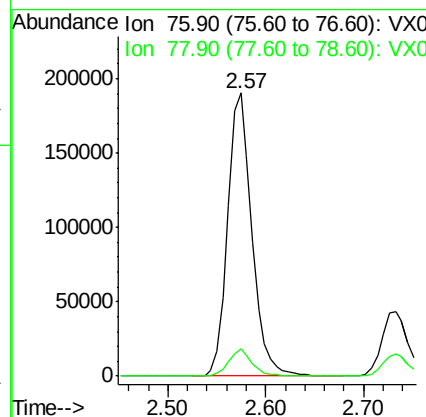
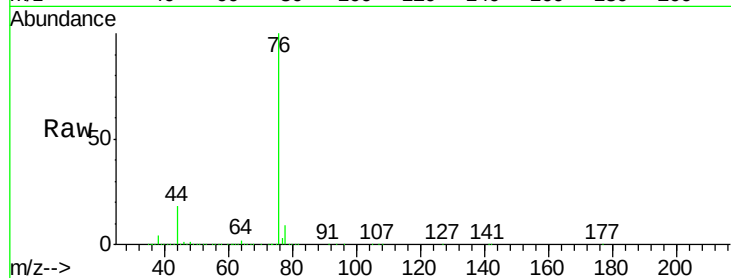
#17
Carbon Disulfide
Concen: 46.95 ug/l
RT: 2.57 min Scan# 326
Delta R.T. 0.01 min
Lab File: VX002417.D
Acq: 09 Jun 2018 10:48

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
76	100	326635		
78	9.4		6.9	10.3

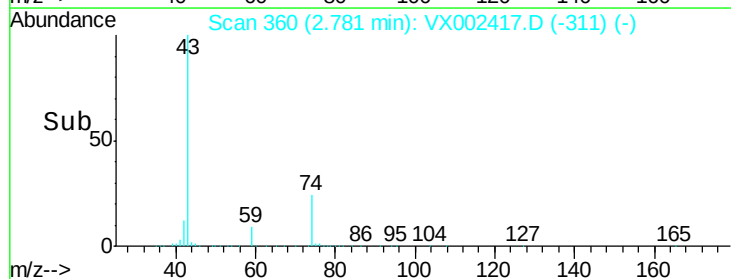
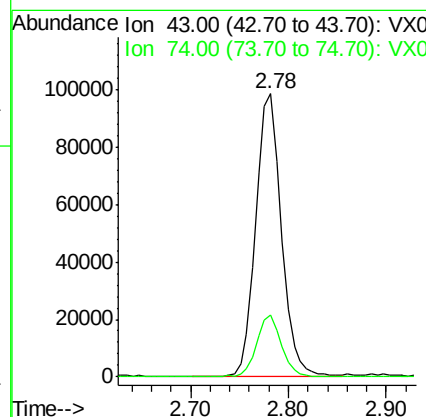
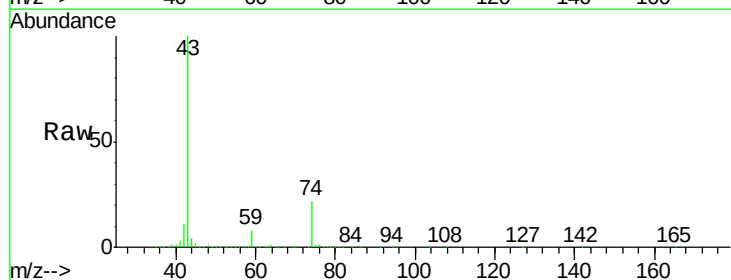
Manual Integrations
APPROVED

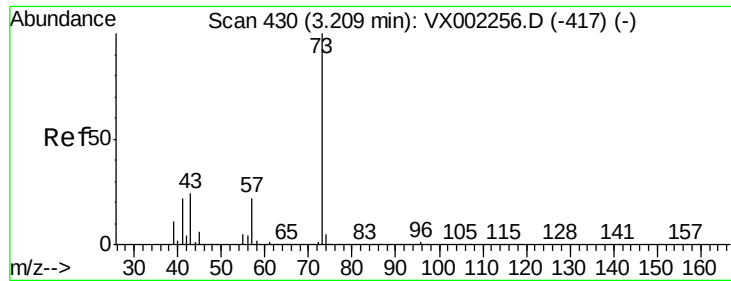
MMDadoda
6/11/2018 2:32:51 PM



#18
Methyl Acetate
Concen: 50.28 ug/l
RT: 2.78 min Scan# 360
Delta R.T. -0.00 min
Lab File: VX002417.D
Acq: 09 Jun 2018 10:48

Tgt Ion	Ratio	Resp	Lower	Upper
43	100	178549		
74	21.8		16.7	25.1





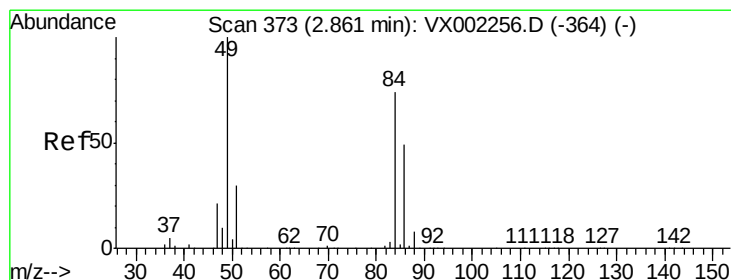
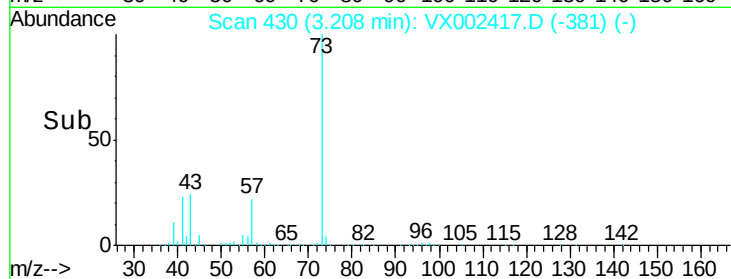
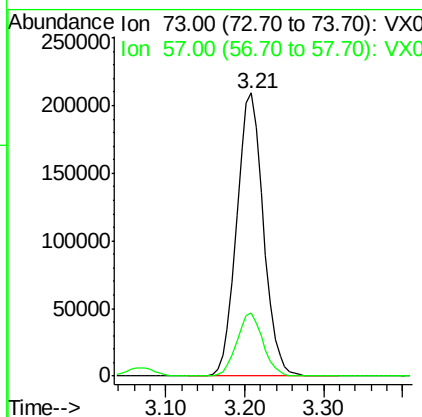
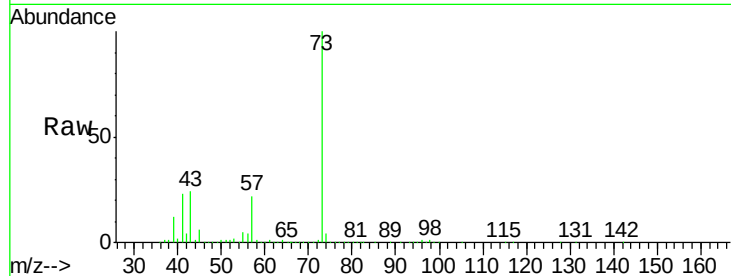
#19
Methyl tert-butyl Ether
Concen: 53.68 ug/l
RT: 3.21 min Scan# 430
Delta R.T. 0.00 min
Lab File: VX002417.D
Acq: 09 Jun 2018 10:48

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 73 Resp: 491809
Ion Ratio Lower Upper
73 100
57 22.1 17.7 26.5

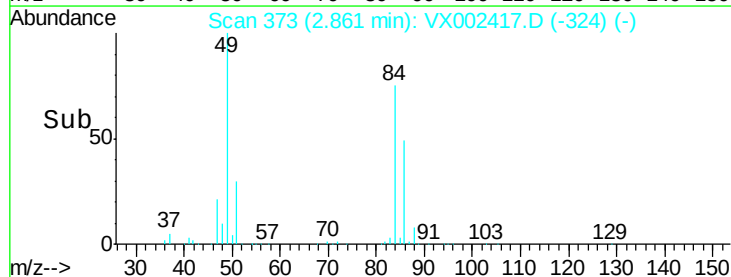
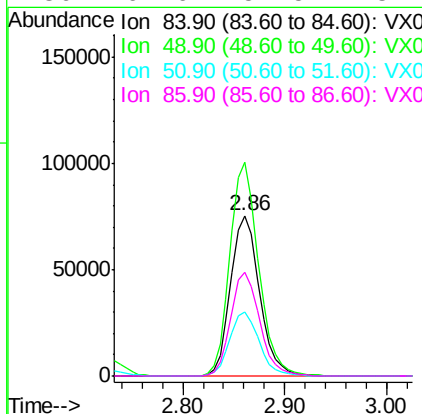
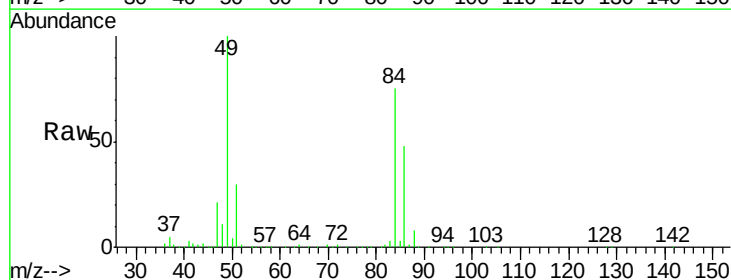
Manual Integrations
APPROVED

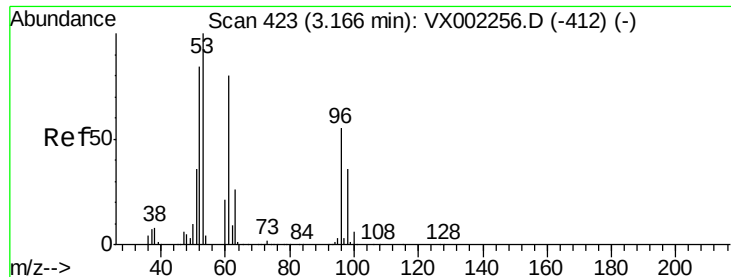
MMDadoda
6/11/2018 2:32:51 PM



#20
Methylene Chloride
Concen: 52.97 ug/l
RT: 2.86 min Scan# 373
Delta R.T. -0.00 min
Lab File: VX002417.D
Acq: 09 Jun 2018 10:48

Tgt Ion: 84 Resp: 148063
Ion Ratio Lower Upper
84 100
49 133.1 107.8 161.6
51 39.9 32.8 49.2
86 64.6 52.5 78.7





#21

trans-1,2-Dichloroethene

Concen: 48.02 ug/l

RT: 3.17 min Scan# 423

Delta R.T. -0.00 min

Lab File: VX002417.D

Acq: 09 Jun 2018 10:48

Instrument :

MSVOA_X

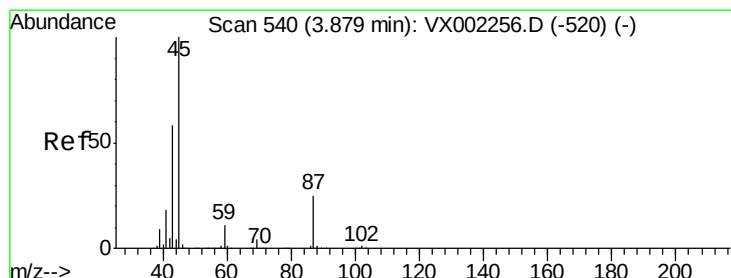
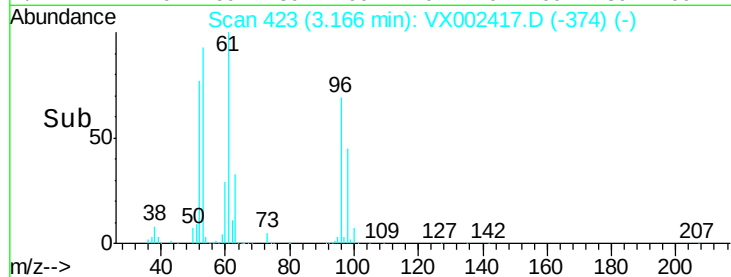
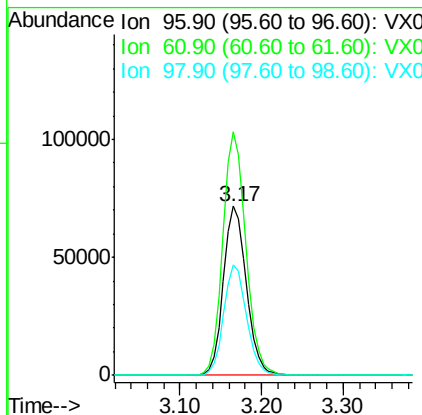
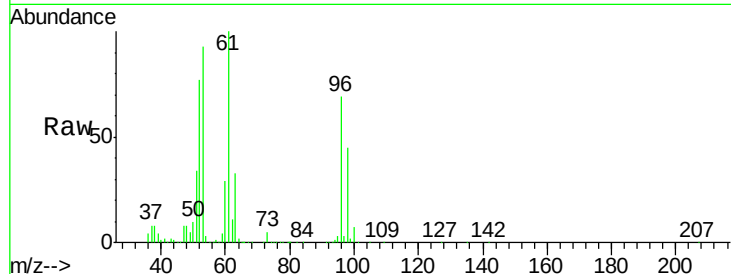
ClientSampleId :

VSTDCCC050

Tot Ion:	96	Resp:	139783
Ion	Ratio	Lower	Upper
96	100		
61	143.8	117.0	175.4
98	65.2	52.4	78.6

Manual Integrations
APPROVED

MMDadoda
6/11/2018 2:32:51 PM



#22

Diisopropyl ether

Concen: 54.72 ug/l

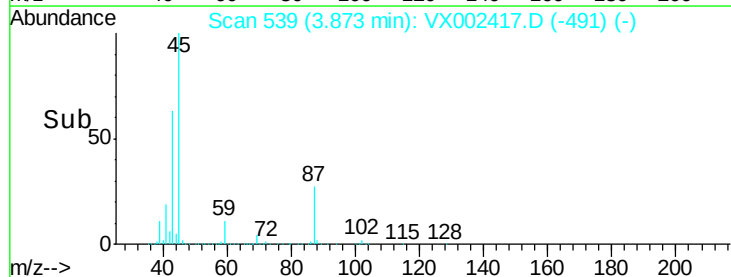
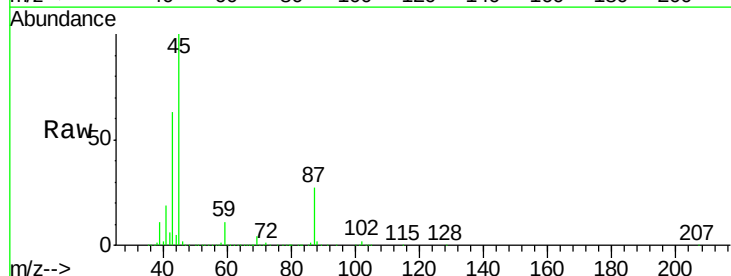
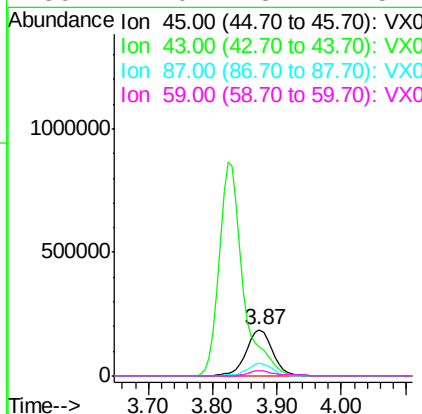
RT: 3.87 min Scan# 539

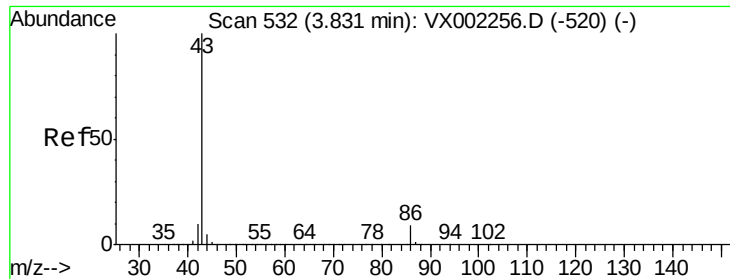
Delta R.T. -0.01 min

Lab File: VX002417.D

Acq: 09 Jun 2018 10:48

Tgt Ion:	45	Resp:	522402
Ion	Ratio	Lower	Upper
45	100		
43	63.3	46.8	70.2
87	26.6	20.2	30.4
59	11.0	8.7	13.1





#23

Vinyl Acetate

Concen: 243.49 ug/l

RT: 3.82 min Scan# 531

Delta R.T. -0.01 min

Lab File: VX002417.D

Acq: 09 Jun 2018 10:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 2261334

Ion Ratio Lower Upper

43 100

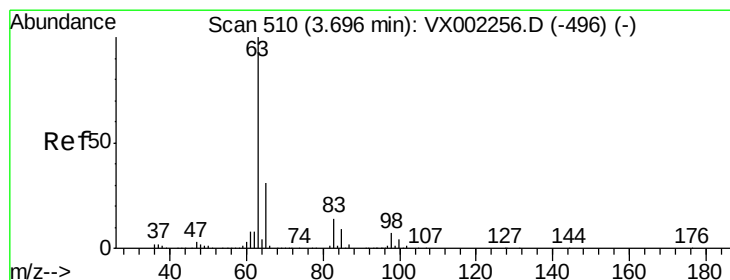
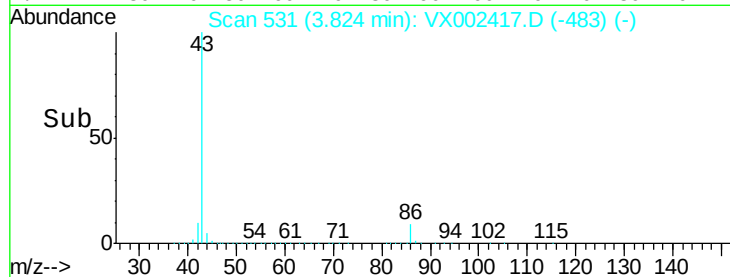
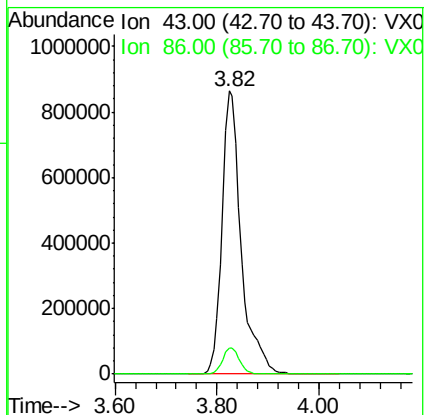
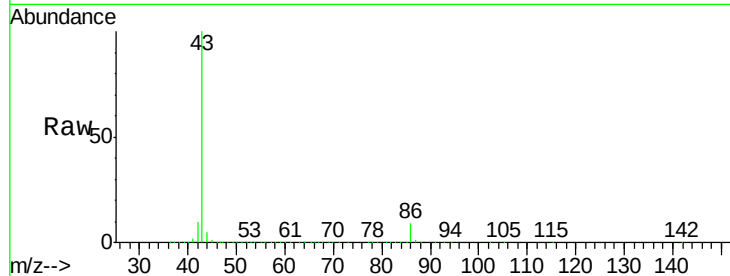
86 9.4 7.4 11.0

Manual Integrations

APPROVED

MMDadoda

6/11/2018 2:32:51 PM



#24

1,1-Dichloroethane

Concen: 49.46 ug/l

RT: 3.70 min Scan# 511

Delta R.T. 0.01 min

Lab File: VX002417.D

Acq: 09 Jun 2018 10:48

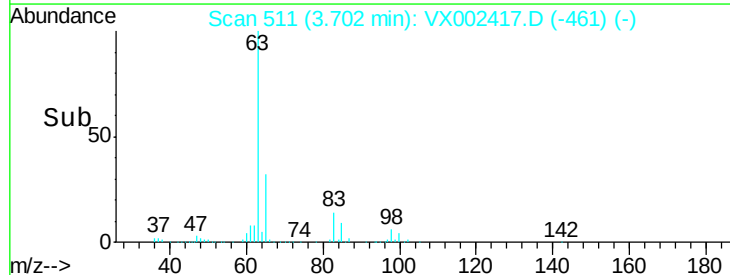
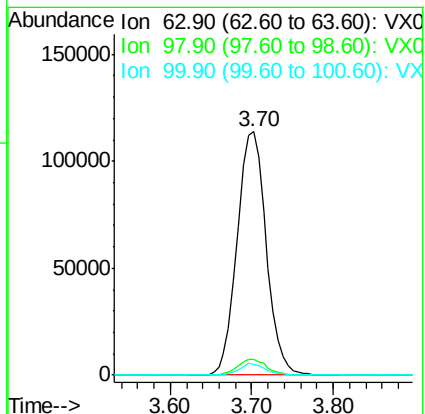
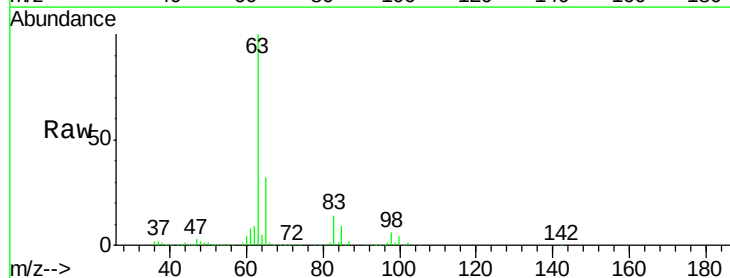
Tgt Ion: 63 Resp: 280046

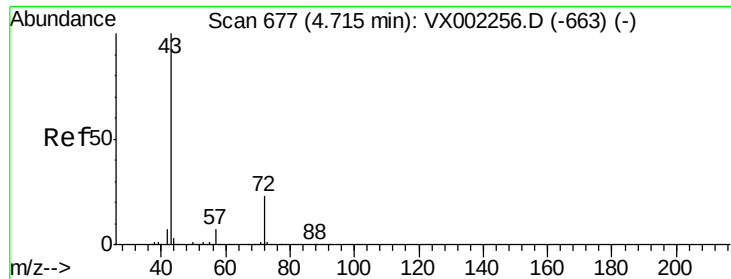
Ion Ratio Lower Upper

63 100

98 6.4 3.4 10.2

100 4.3 2.0 6.0





#25

2-Butanone

Concen: 213.18 ug/l

RT: 4.70 min Scan# 675

Delta R.T. -0.01 min

Lab File: VX002417.D

Acq: 09 Jun 2018 10:48

Tot Ion: 43 Resp: 518303

Ion Ratio Lower Upper

43 100

72 23.0 18.5 27.7

Instrument :

MSVOA_X

ClientSampleId :

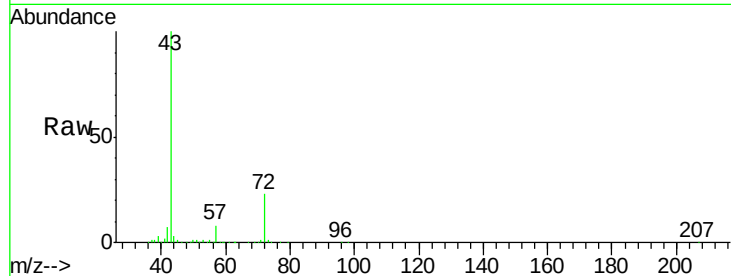
VSTDCCC050

Manual Integrations

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MMDadoda

6/11/2018 2:32:51 PM



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

4.70

200000

150000

100000

50000

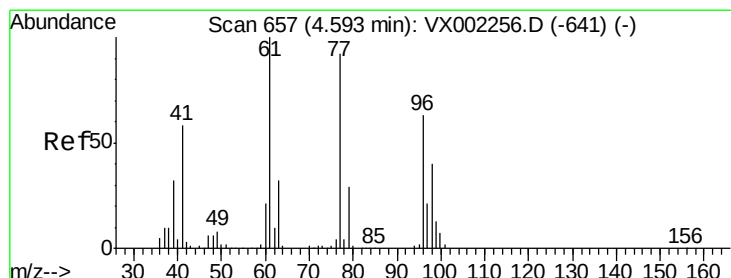
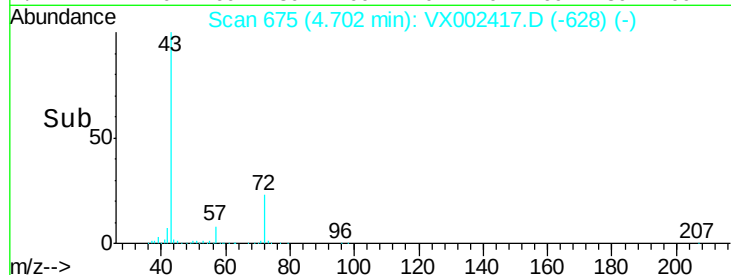
0

4.60

4.70

4.80

Time-->



#26

2,2-Dichloropropane

Concen: 46.68 ug/l

RT: 4.59 min Scan# 656

Delta R.T. -0.01 min

Lab File: VX002417.D

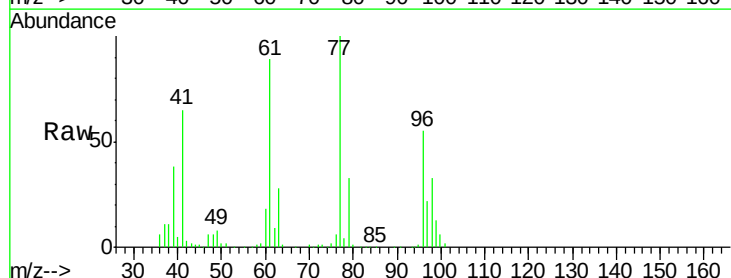
Acq: 09 Jun 2018 10:48

Tgt Ion: 77 Resp: 206587

Ion Ratio Lower Upper

77 100

97 22.3 11.2 33.5



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

4.59

80000

60000

40000

20000

0

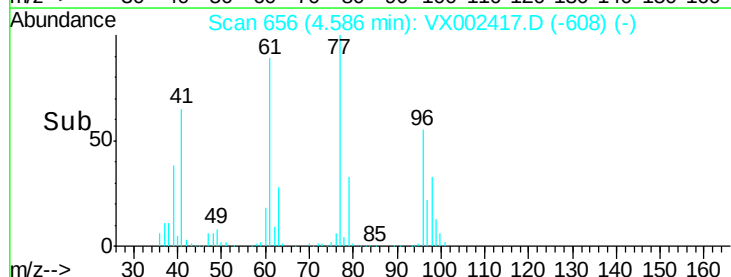
4.40

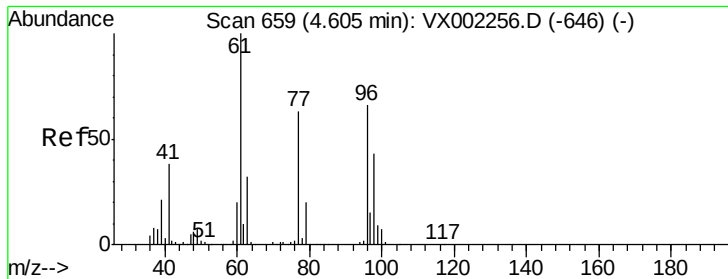
4.50

4.60

4.70

Time-->





#27

cis-1,2-Dichloroethene

Concen: 44.98 ug/l

RT: 4.60 min Scan# 658

Delta R.T. -0.01 min

Lab File: VX002417.D

Acq: 09 Jun 2018 10:48

Instrument :

MSVOA_X

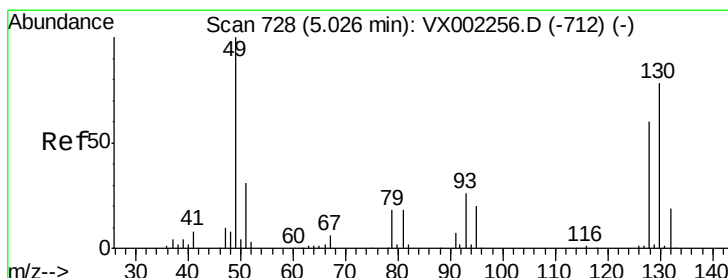
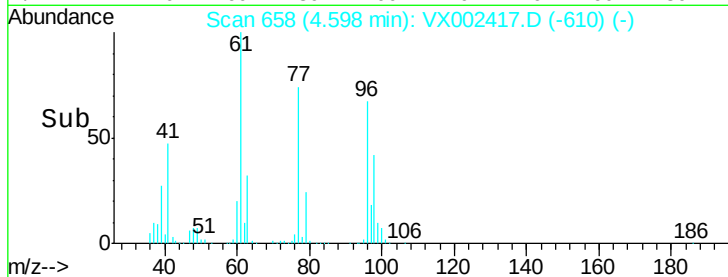
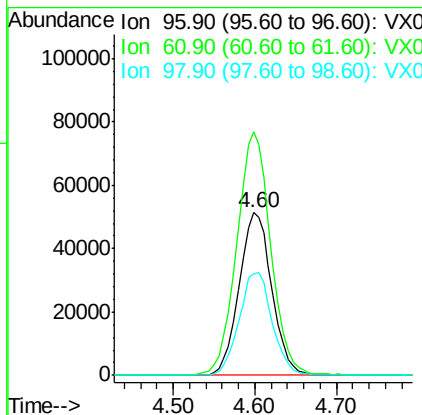
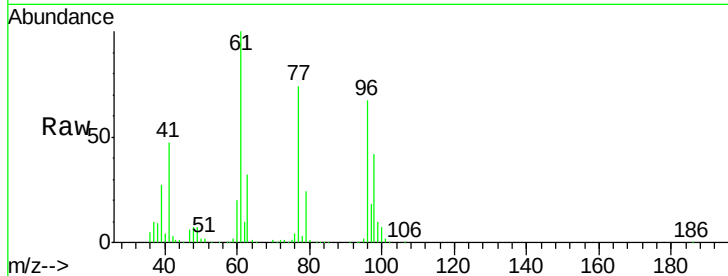
ClientSampled :

VSTDCCC050

Tot Ion:	96	Resp:	142412
Ion	Ratio	Lower	Upper
96	100		
61	155.4	0.0	330.2
98	64.2	0.0	130.2

Manual Integrations
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#28

Bromochloromethane

Concen: 53.14 ug/l

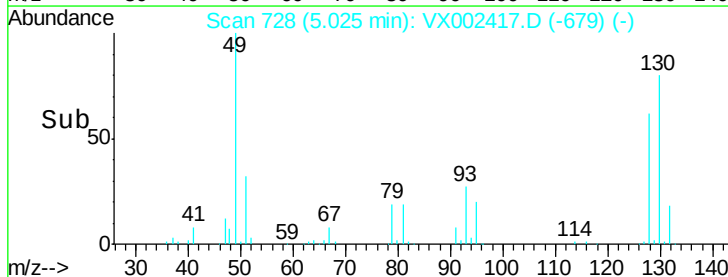
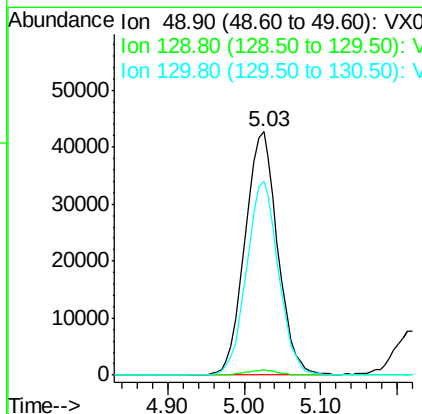
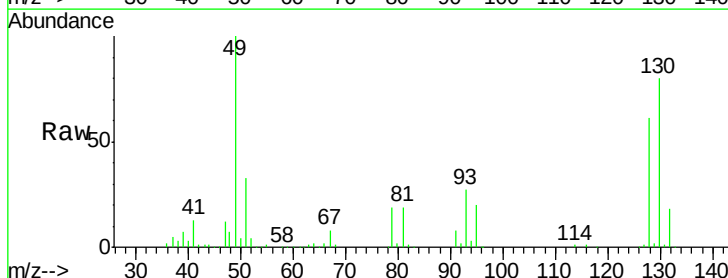
RT: 5.03 min Scan# 728

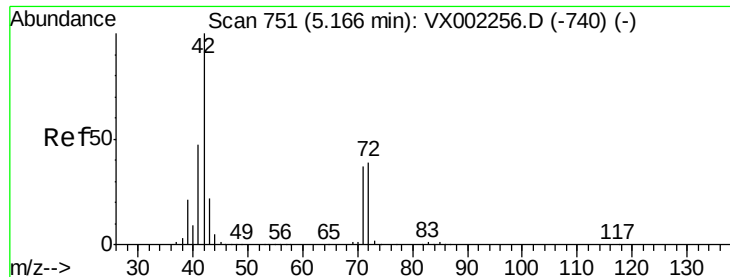
Delta R.T. 0.00 min

Lab File: VX002417.D

Acq: 09 Jun 2018 10:48

Tgt Ion:	49	Resp:	127426
Ion	Ratio	Lower	Upper
49	100		
129	2.1	0.0	4.2
130	77.6	61.2	91.8





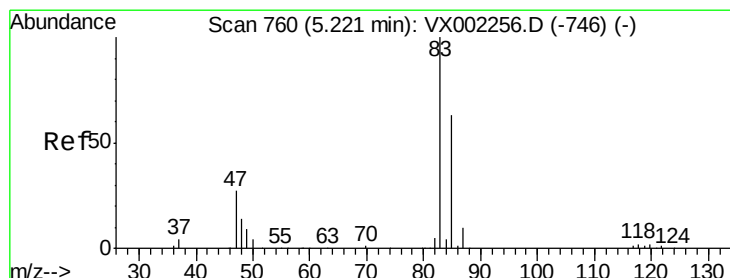
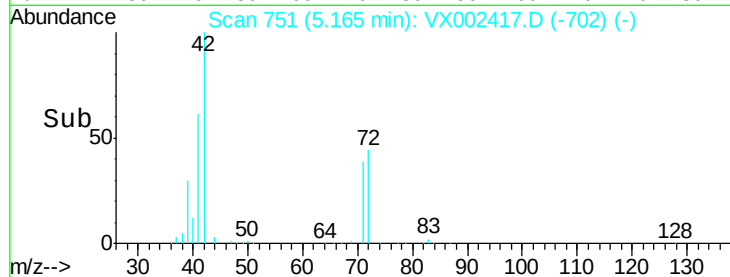
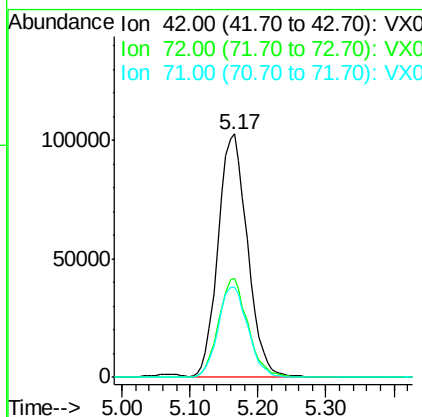
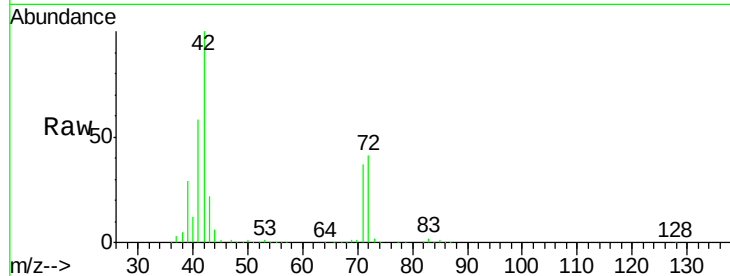
#29
Tetrahydrofuran
Concen: 195.34 ug/l
RT: 5.17 min Scan# 751
Delta R.T. -0.00 min
Lab File: VX002417.D
Acq: 09 Jun 2018 10:48

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
42	100		
72	40.8	32.0	48.0
71	38.0	30.1	45.1

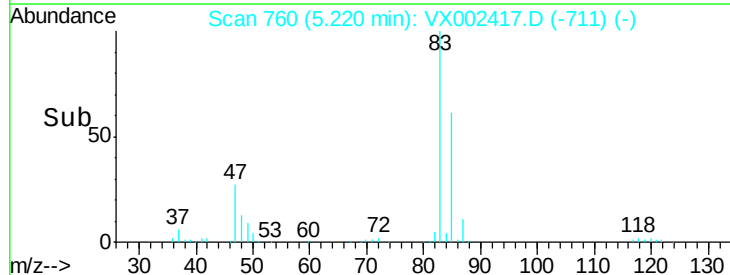
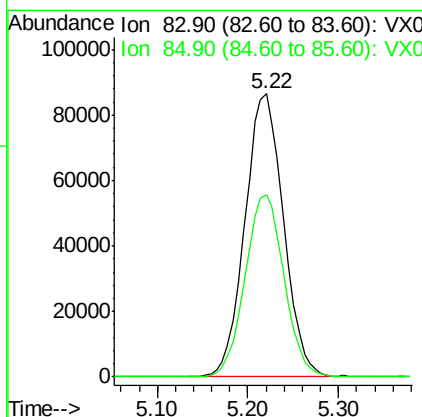
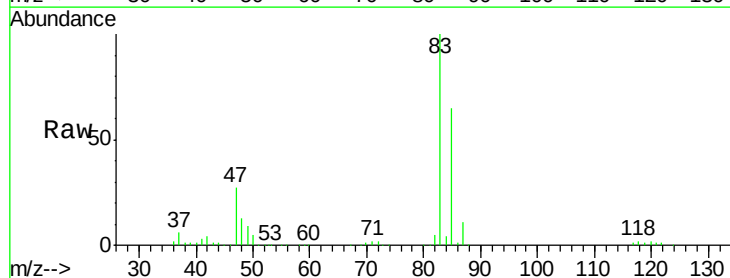
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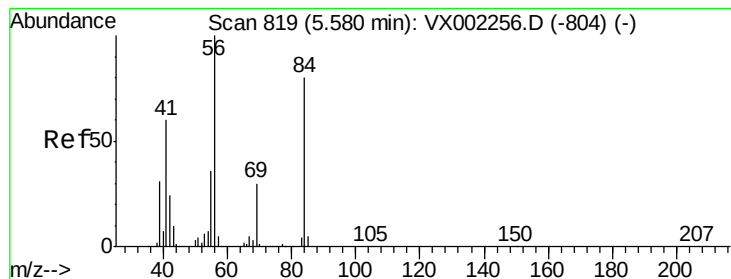
MMDadoda
6/11/2018 2:32:51 PM



#30
Chloroform
Concen: 46.60 ug/l
RT: 5.22 min Scan# 760
Delta R.T. -0.00 min
Lab File: VX002417.D
Acq: 09 Jun 2018 10:48

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.6	50.4	75.6





#31

Cyclohexane

Concen: 49.55 ug/l

RT: 5.58 min Scan# 819

Delta R.T. -0.00 min

Lab File: VX002417.D

Acq: 09 Jun 2018 10:48

Instrument :

MSVOA_X

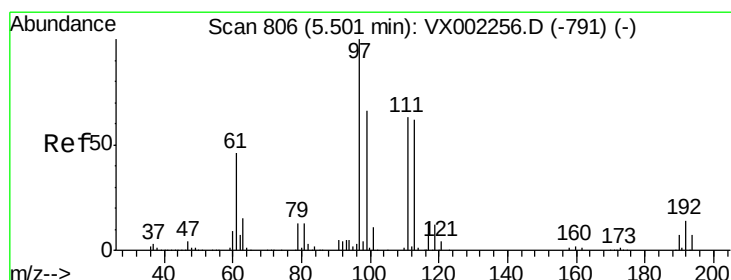
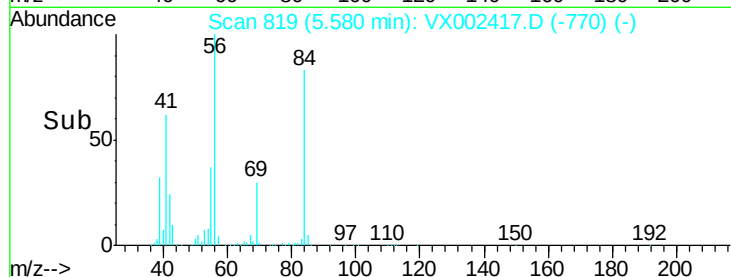
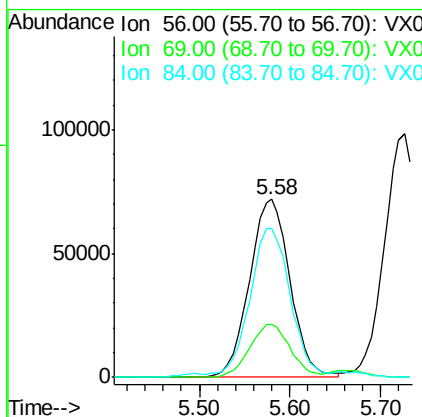
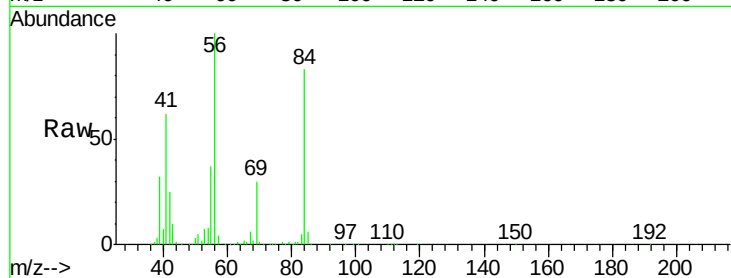
ClientSampleId :

VSTDCCC050

Tot Ion:	56	Resp:	221848
Ion Ratio	Lower	Upper	
56	100		
69	29.7	23.7	35.5
84	82.0	64.1	96.1

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 48.94 ug/l

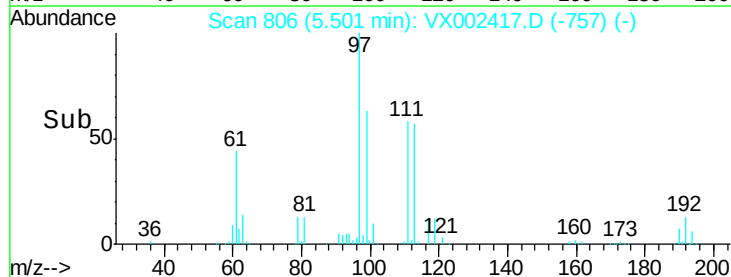
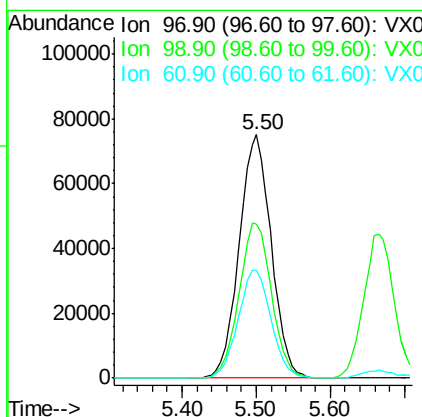
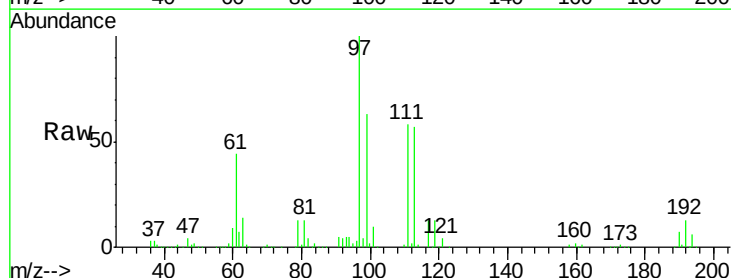
RT: 5.50 min Scan# 806

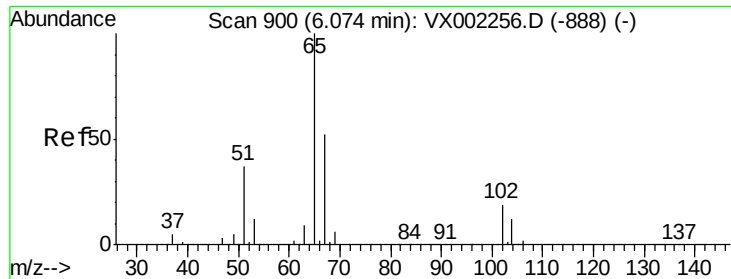
Delta R.T. -0.00 min

Lab File: VX002417.D

Acq: 09 Jun 2018 10:48

Tgt Ion:	97	Resp:	226759
Ion Ratio	Lower	Upper	
97	100		
99	64.6	51.6	77.4
61	45.6	36.4	54.6





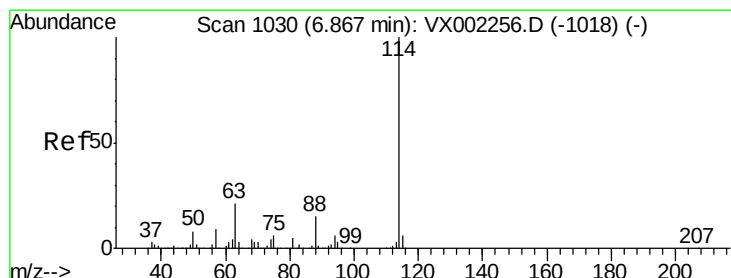
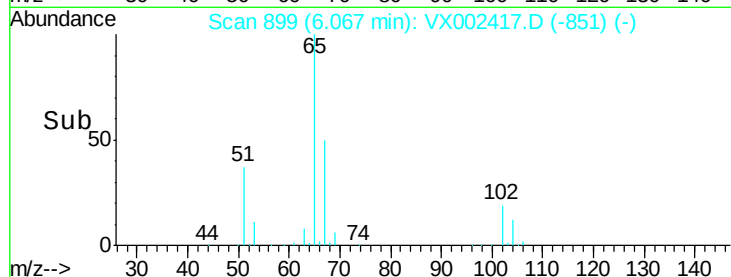
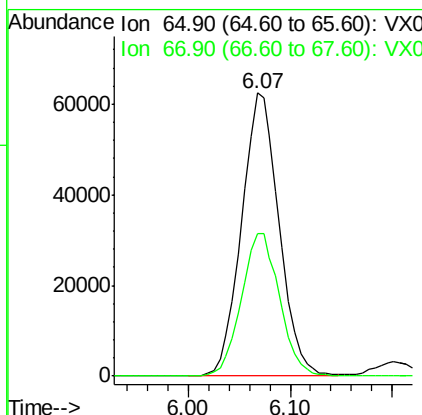
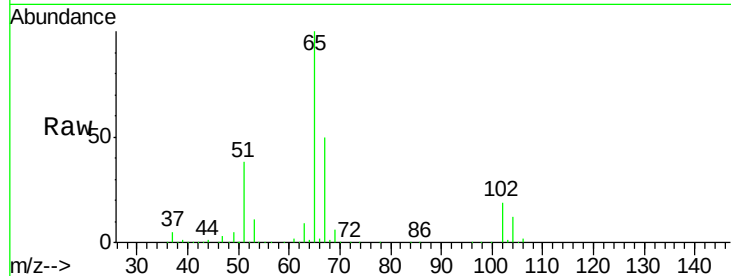
#33
 1,2-Dichloroethane-d4
 Concen: 44.67 ug/l
 RT: 6.07 min Scan# 899
 Delta R.T. -0.01 min
 Lab File: VX002417.D
 Acq: 09 Jun 2018 10:48

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
65	100	159715		
67	51.4	0.0	102.6	

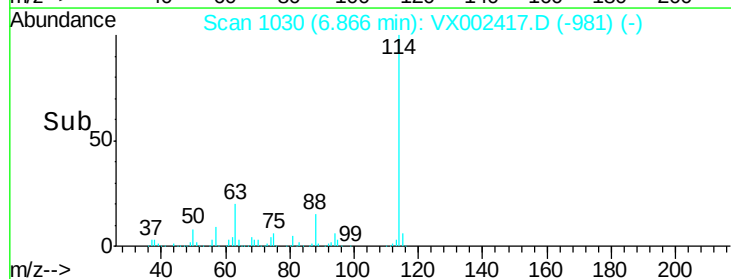
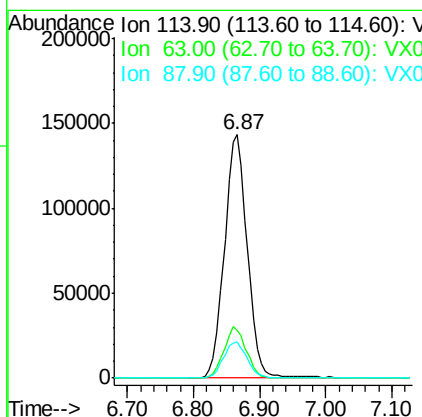
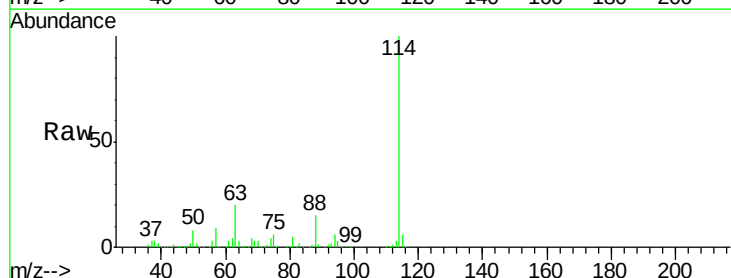
Manual Integrations
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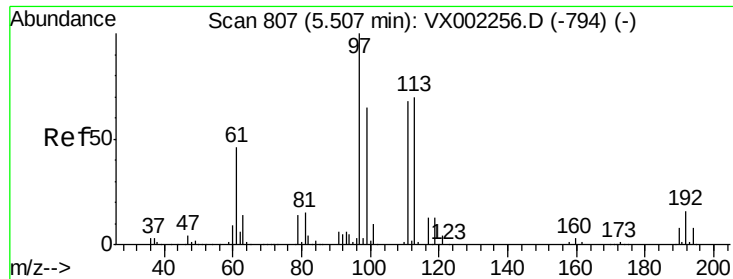
MMDadoda
 6/11/2018 2:32:51 PM



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. -0.00 min
 Lab File: VX002417.D
 Acq: 09 Jun 2018 10:48

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	342741		
63	19.8	0.0	41.4	
88	14.9	0.0	30.0	





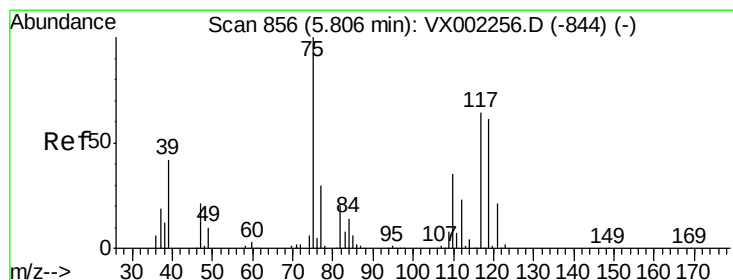
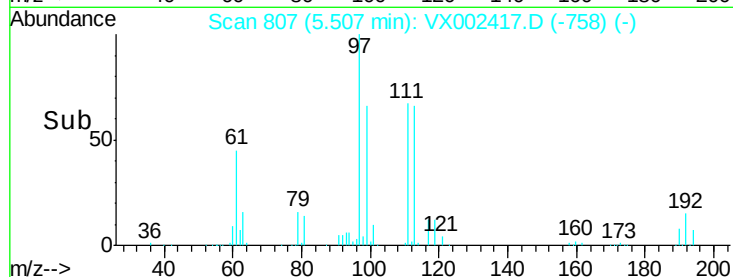
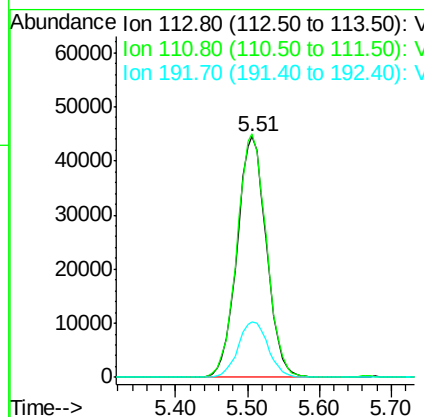
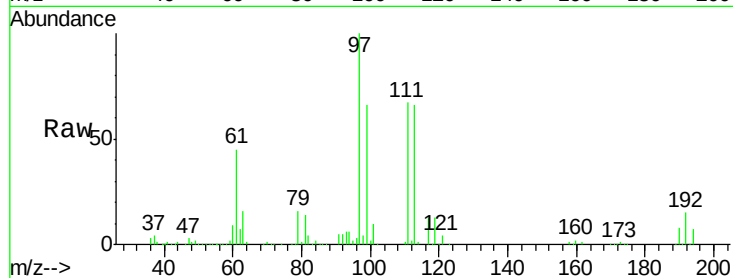
#35
Dibromofluoromethane
Concen: 46.65 ug/l
RT: 5.51 min Scan# 807
Delta R.T. -0.00 min
Lab File: VX002417.D
Acq: 09 Jun 2018 10:48

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
113	100	125726		
111	101.6	81.4	122.0	
192	23.6	19.1	28.7	

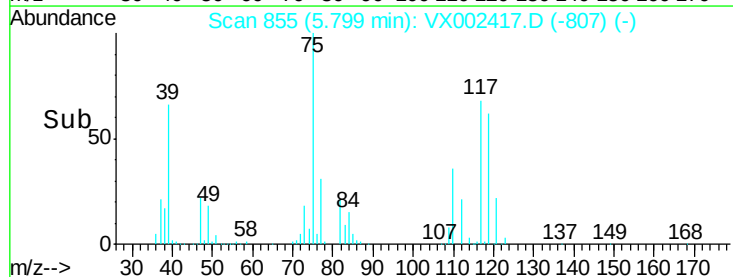
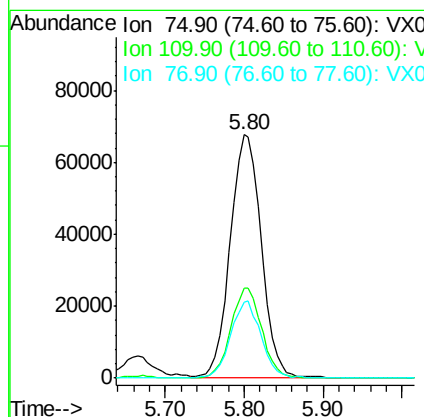
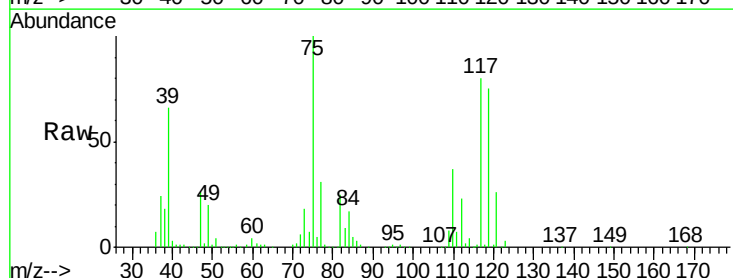
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APPROVED

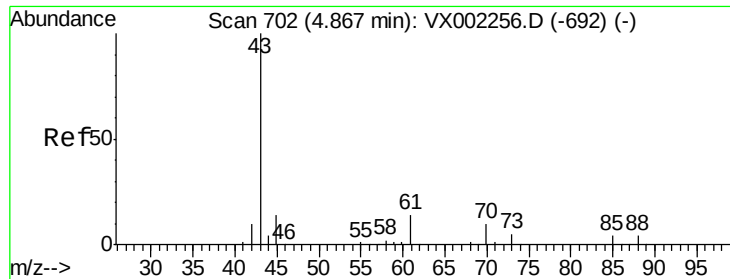
MMDadoda
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#36
1,1-Dichloropropene
Concen: 51.07 ug/l
RT: 5.80 min Scan# 856
Delta R.T. -0.01 min
Lab File: VX002417.D
Acq: 09 Jun 2018 10:48

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	184001		
110	37.0	18.1	54.4	
77	30.8	24.3	36.5	





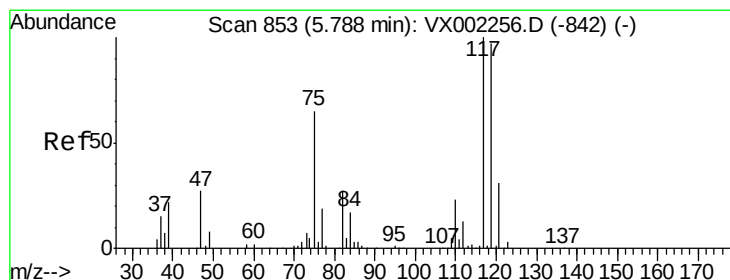
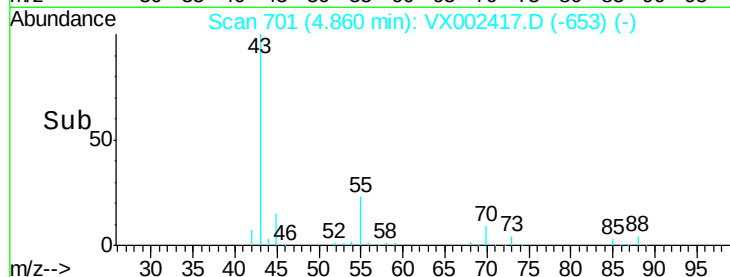
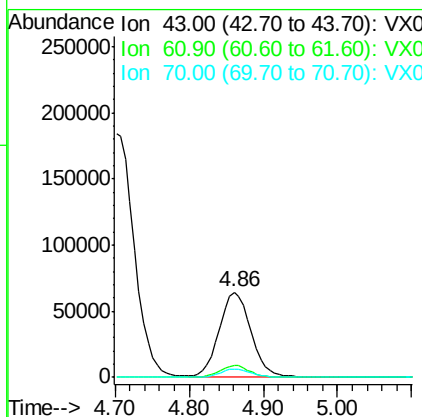
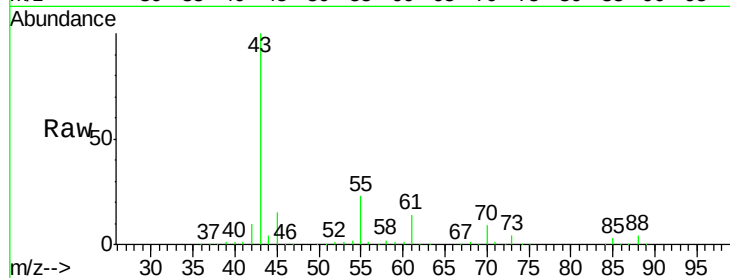
#37
Ethyl Acetate
Concen: 43.96 ug/l
RT: 4.86 min Scan# 701
Delta R.T. -0.01 min
Lab File: VX002417.D
Acq: 09 Jun 2018 10:48

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.2	10.4	15.6
70	9.5	7.6	11.4

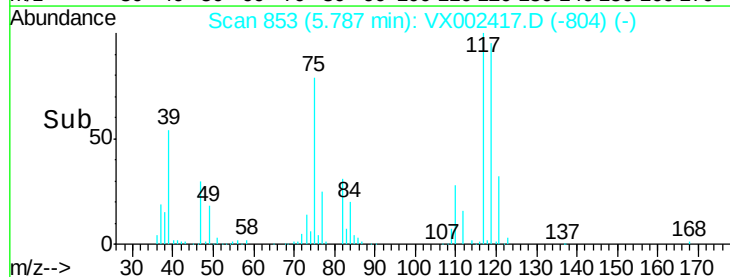
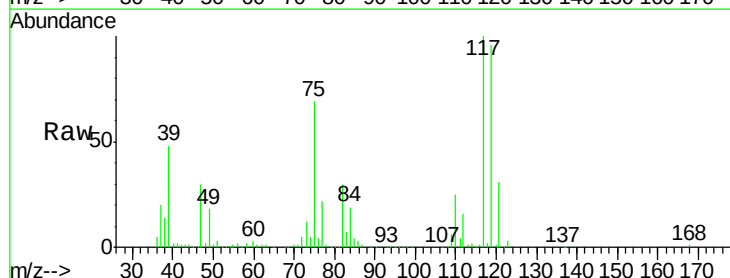
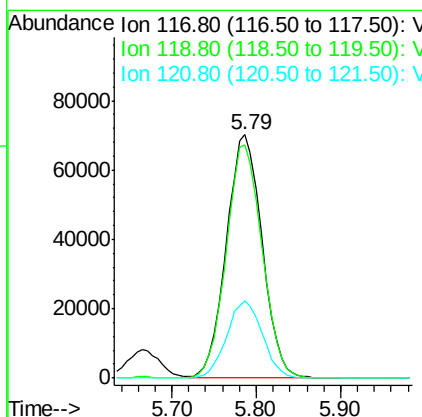
Manual Integrations
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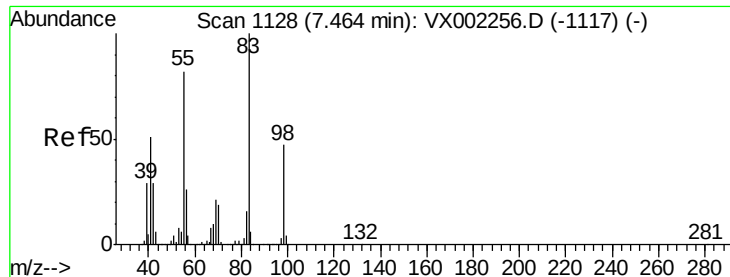
MMDadoda
6/11/2018 2:32:51 PM



#38
Carbon Tetrachloride
Concen: 53.55 ug/l
RT: 5.79 min Scan# 853
Delta R.T. -0.00 min
Lab File: VX002417.D
Acq: 09 Jun 2018 10:48

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.6	77.4	116.0
121	31.5	24.4	36.6





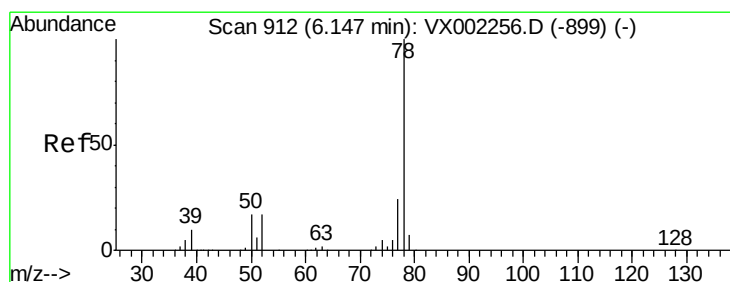
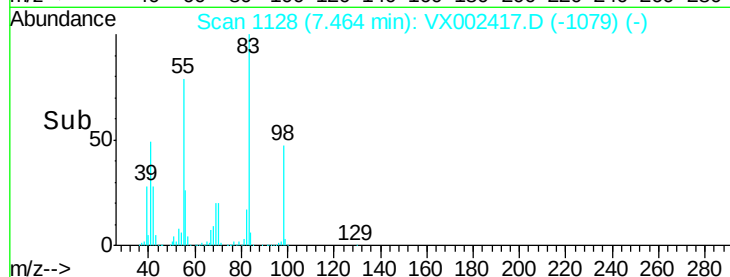
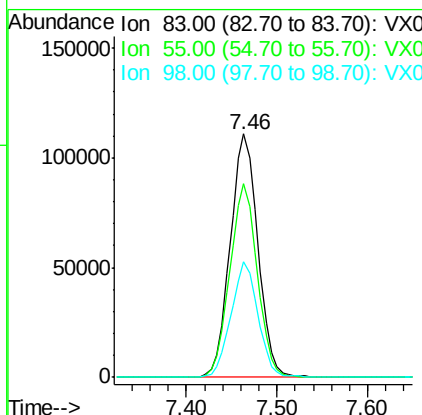
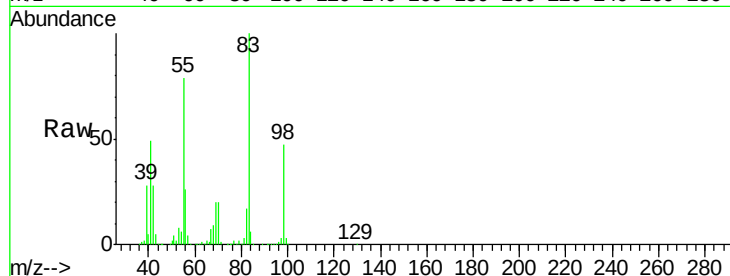
#39
Methylvlcyclohexane
Concen: 52.91 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. -0.00 min
Lab File: VX002417.D
Acq: 09 Jun 2018 10:48

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
83	100		
55	79.3	65.4	98.0
98	47.4	37.4	56.0

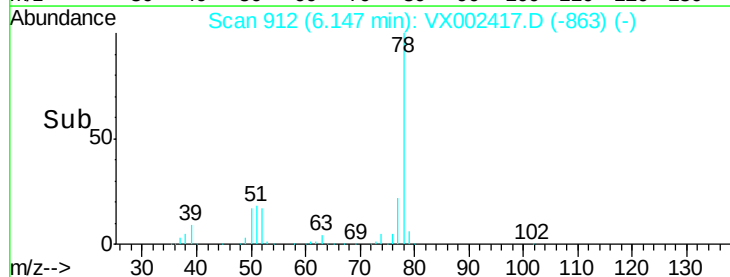
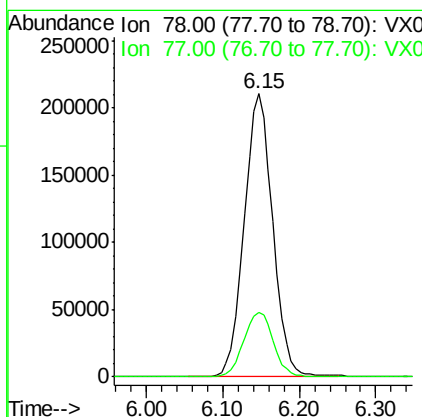
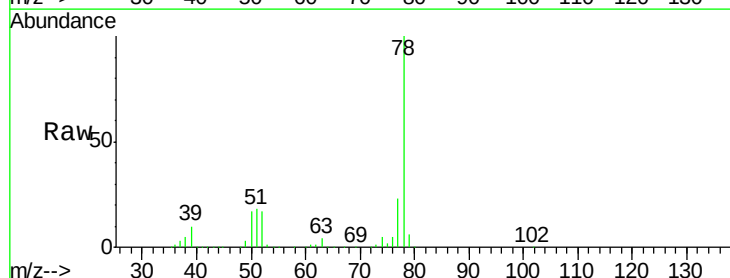
Manual Integrations
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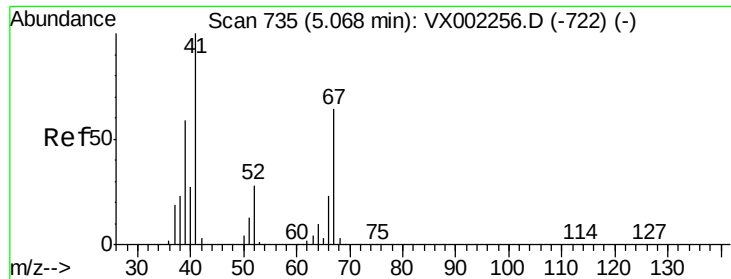
MMDadoda
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#40
Benzene
Concen: 49.36 ug/l
RT: 6.15 min Scan# 912
Delta R.T. -0.00 min
Lab File: VX002417.D
Acq: 09 Jun 2018 10:48

Tgt Ion	Ratio	Lower	Upper
78	100		
77	22.5	19.1	28.7





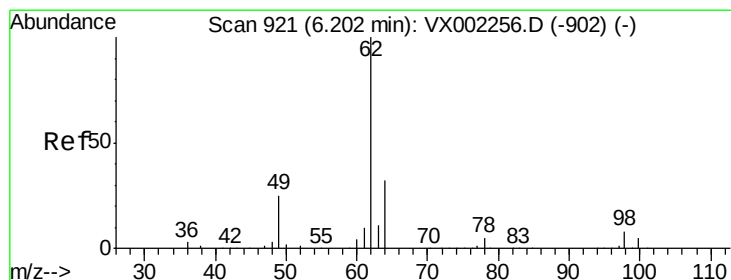
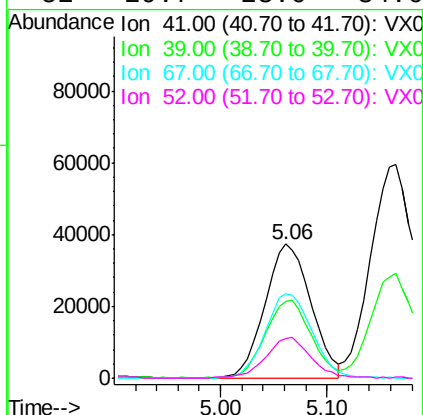
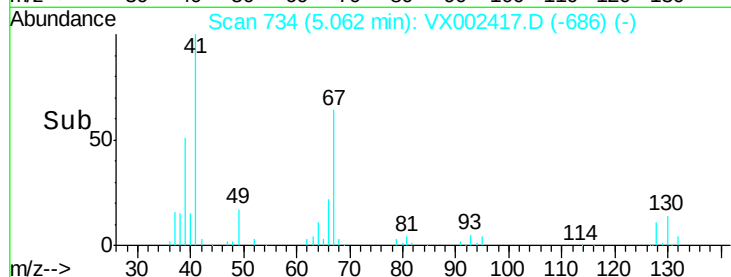
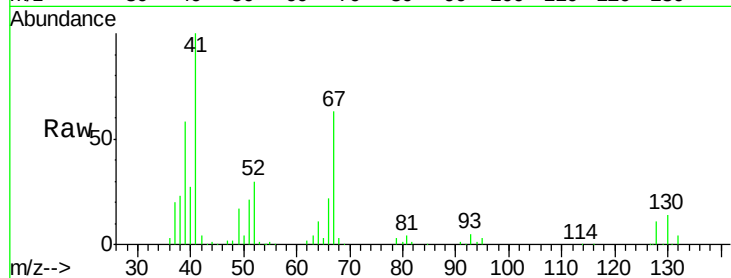
#41
Methacrylonitrile
Concen: 45.00 ug/l
RT: 5.06 min Scan# 734
Delta R.T. -0.01 min
Lab File: VX002417.D
Acq: 09 Jun 2018 10:48

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	57.5	45.8	68.6	
67	64.9	51.3	76.9	
52	29.7	23.0	34.6	

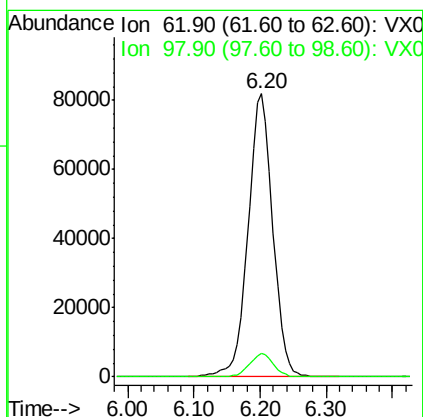
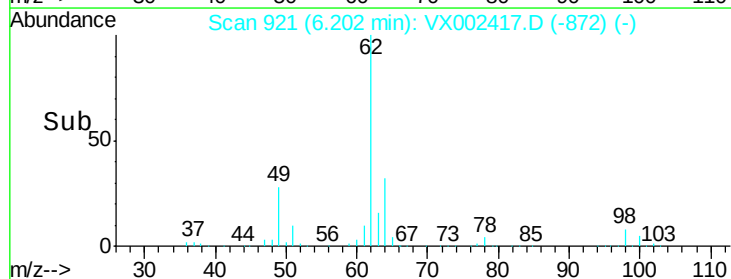
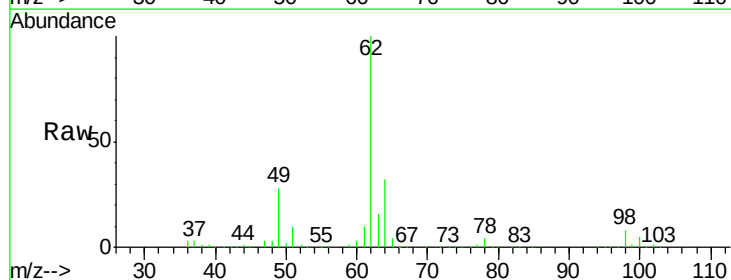
Manual Integrations
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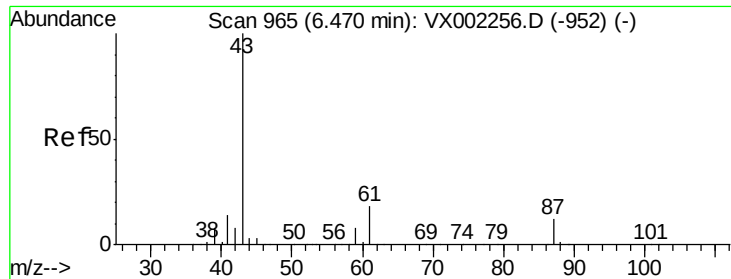
MMDadoda
6/11/2018 2:32:51 PM



#42
1,2-Dichloroethane
Concen: 48.58 ug/l
RT: 6.20 min Scan# 921
Delta R.T. -0.00 min
Lab File: VX002417.D
Acq: 09 Jun 2018 10:48

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	8.0	0.0	16.6	





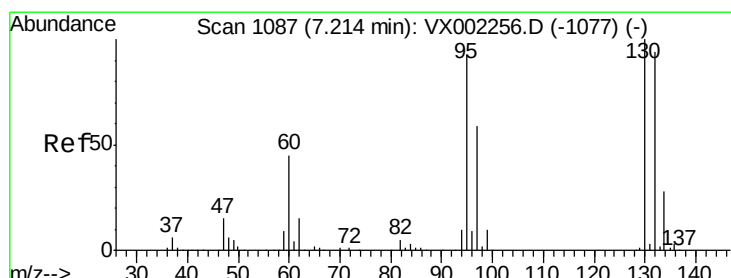
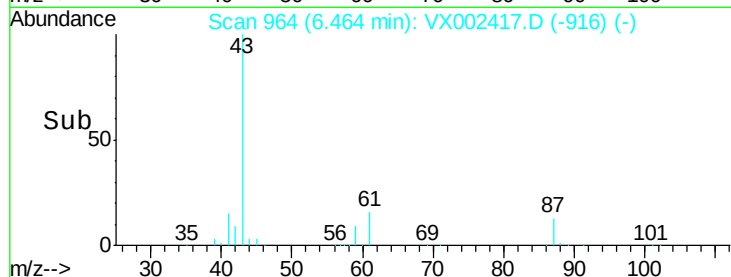
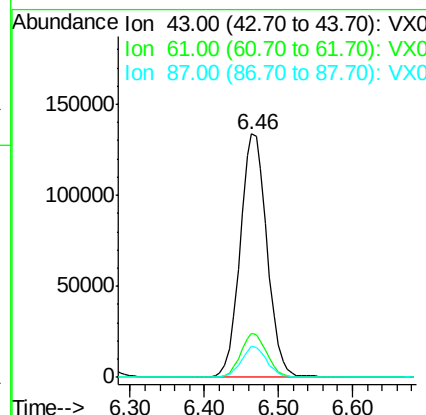
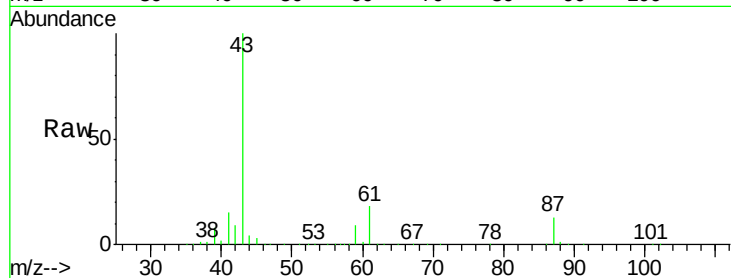
#43
Isopropyl Acetate
Concen: 45.75 ug/l
RT: 6.46 min Scan# 964
Delta R.T. -0.01 min
Lab File: VX002417.D
Acq: 09 Jun 2018 10:48

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	17.8	14.4	21.6
87	12.1	9.5	14.3

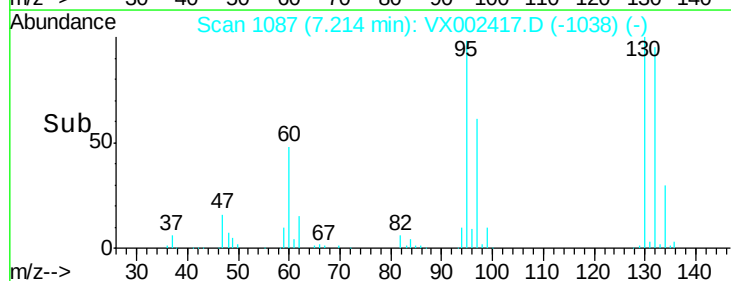
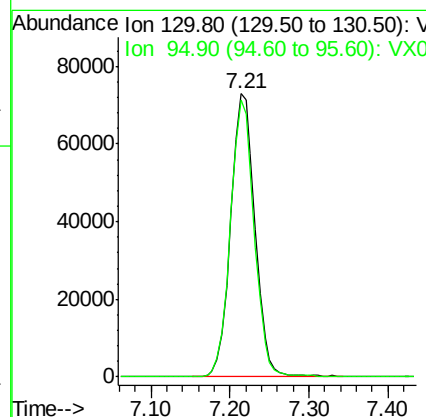
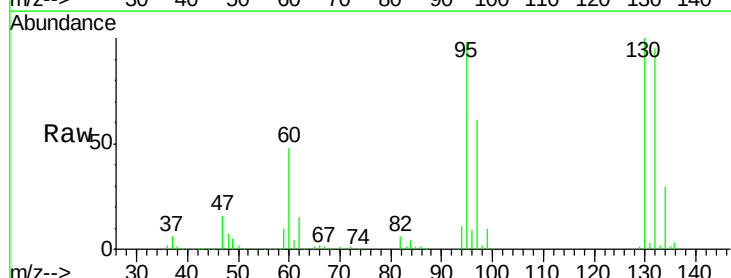
Manual Integrations
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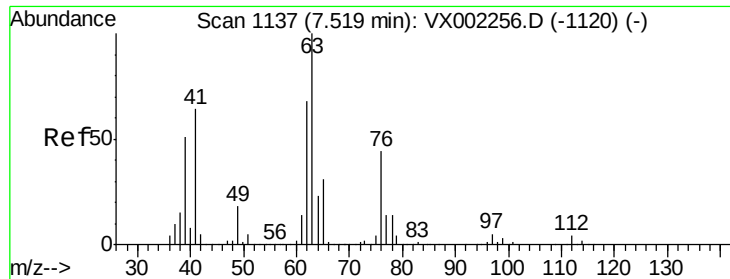
MMDadoda
6/11/2018 2:32:51 PM



#44
Trichloroethene
Concen: 51.09 ug/l
RT: 7.21 min Scan# 1087
Delta R.T. -0.00 min
Lab File: VX002417.D
Acq: 09 Jun 2018 10:48

Tgt Ion	Ratio	Lower	Upper
130	100		
95	97.7	0.0	185.4





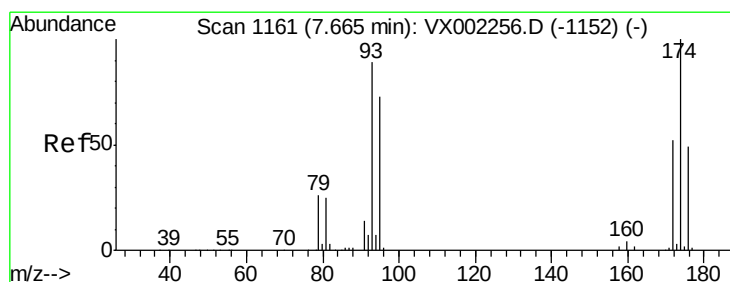
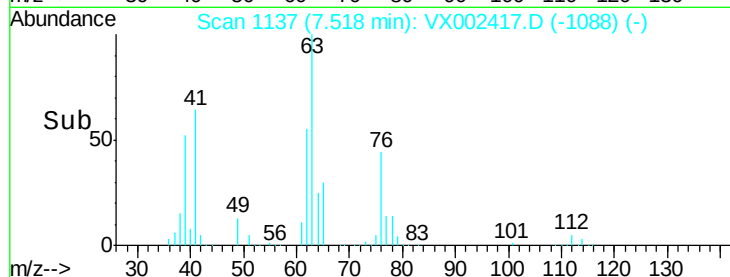
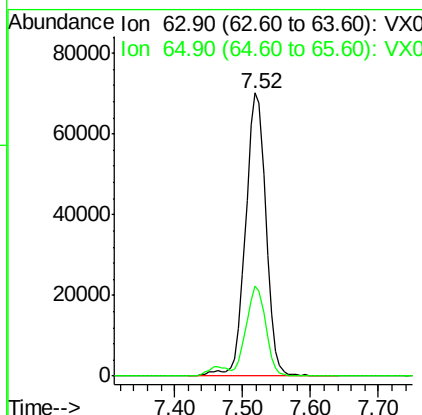
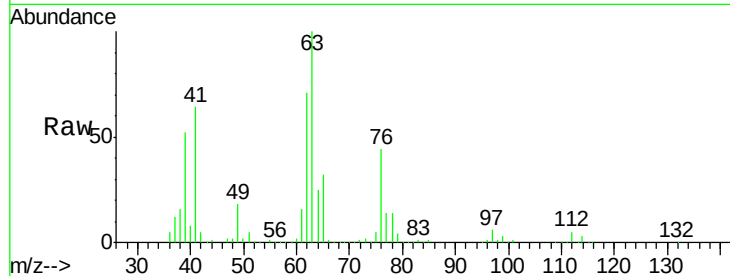
#45
 1,2-Dichloropropane
 Concen: 49.29 ug/l
 RT: 7.52 min Scan# 1137
 Delta R.T. -0.00 min
 Lab File: VX002417.D
 Acq: 09 Jun 2018 10:48

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion: 63 Resp: 147003
 Ion Ratio Lower Upper
 63 100
 65 31.8 24.7 37.1

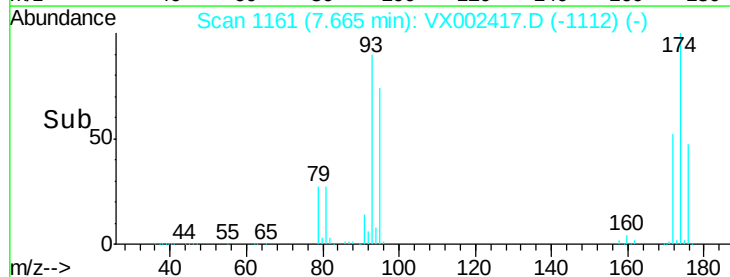
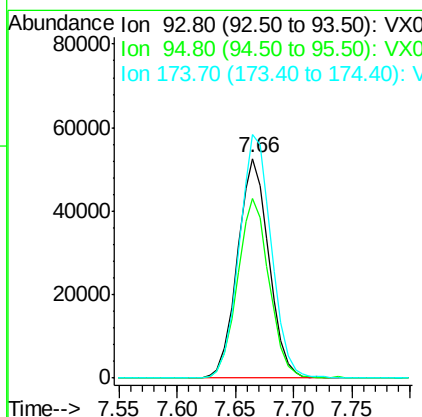
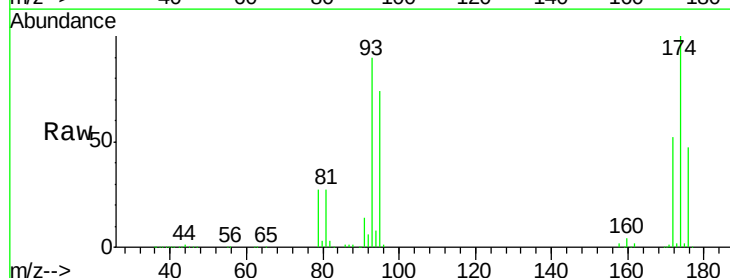
Manual Integrations
 APPROVED

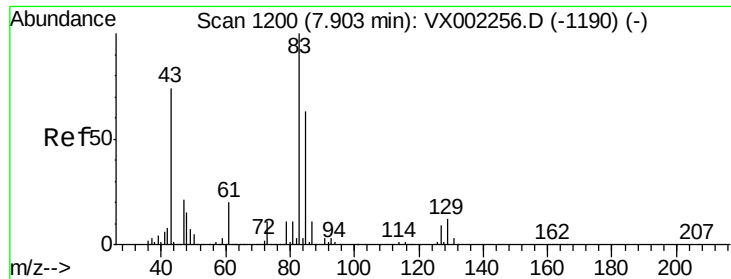
MMDadoda
 6/11/2018 2:32:51 PM



#46
 Dibromomethane
 Concen: 48.86 ug/l
 RT: 7.66 min Scan# 1161
 Delta R.T. -0.00 min
 Lab File: VX002417.D
 Acq: 09 Jun 2018 10:48

Tgt Ion: 93 Resp: 98785
 Ion Ratio Lower Upper
 93 100
 95 82.4 65.9 98.9
 174 113.2 92.4 138.6





#47

Bromodichloromethane

Concen: 51.84 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. -0.00 min

Lab File: VX002417.D

Acq: 09 Jun 2018 10:48

Instrument :

MSVOA_X

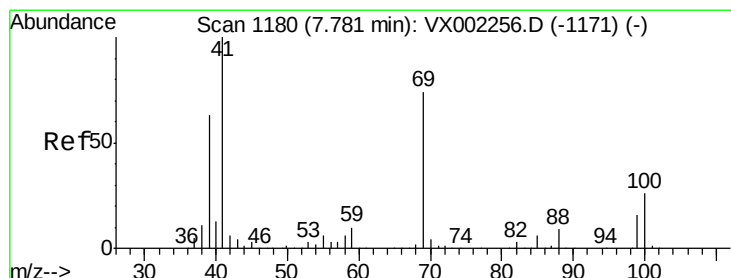
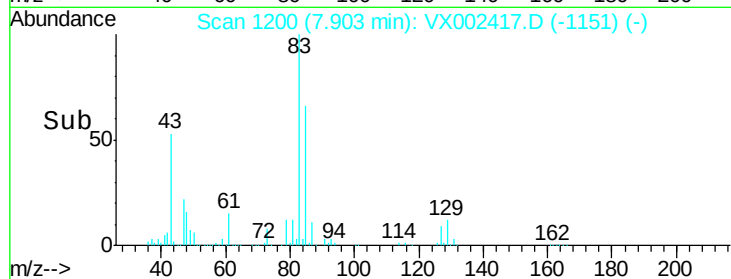
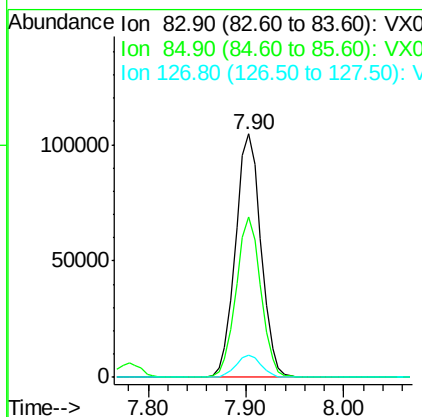
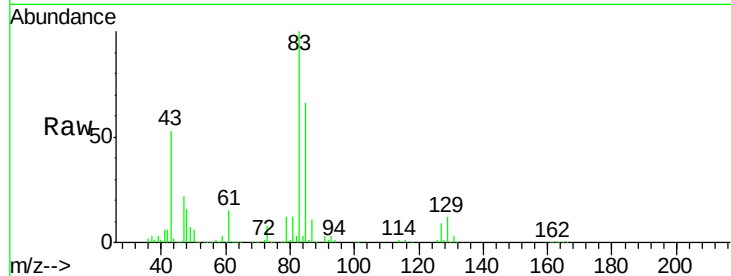
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	189560
Ion	Ratio	Lower	Upper
83	100		
85	65.7	50.3	75.5
127	9.4	7.0	10.4

Manual Integrations
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MMDadoda
6/11/2018 2:32:51 PM



#48

Methyl methacrylate

Concen: 46.42 ug/l

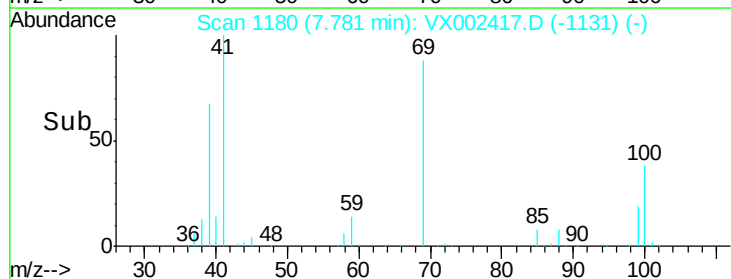
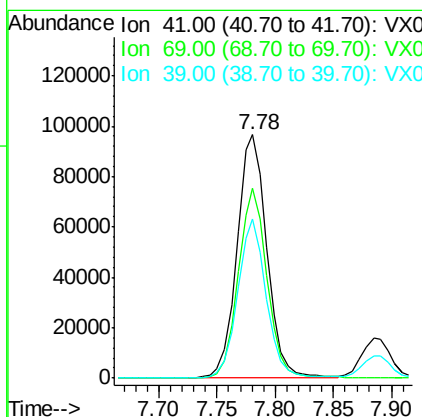
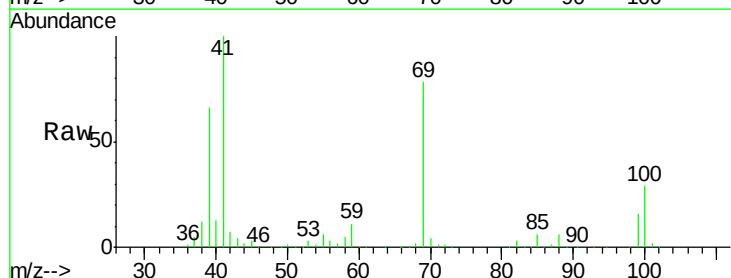
RT: 7.78 min Scan# 1180

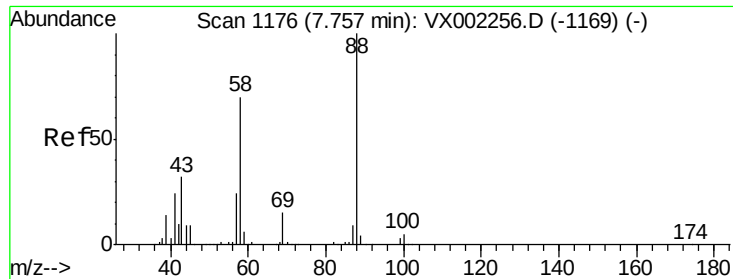
Delta R.T. -0.00 min

Lab File: VX002417.D

Acq: 09 Jun 2018 10:48

Tgt Ion:	41	Resp:	171598
Ion	Ratio	Lower	Upper
41	100		
69	76.4	59.1	88.7
39	62.4	48.9	73.3





#49

1,4-Dioxane

Concen: 751.89 ug/l

RT: 7.76 min Scan# 1176

Delta R.T. -0.00 min

Lab File: VX002417.D

Acq: 09 Jun 2018 10:48

Instrument :

MSVOA_X

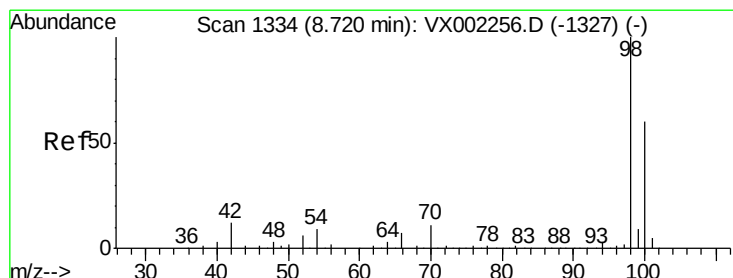
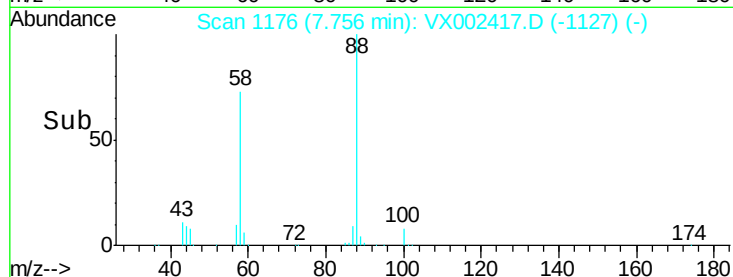
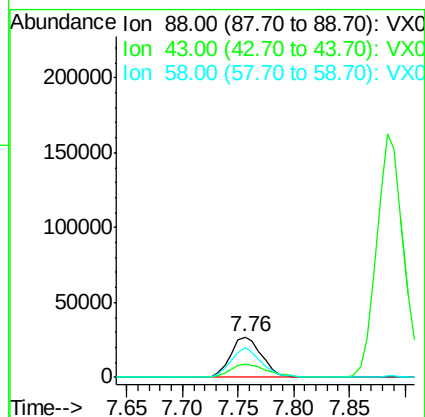
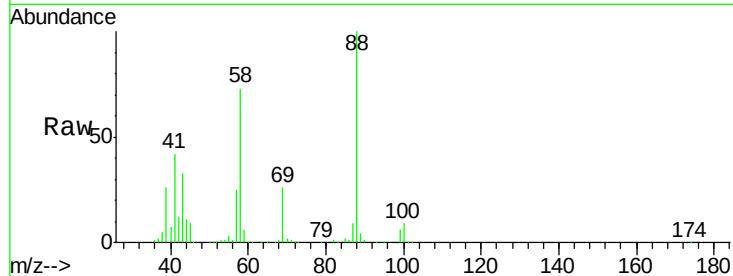
ClientSampleId :

VSTDCCC050

Tot Ion:	88	Resp:	51975
Ion	Ratio	Lower	Upper
88	100		
43	38.4	29.8	44.6
58	72.8	57.1	85.7

Manual Integrations
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#50

Toluene-d8

Concen: 46.82 ug/l

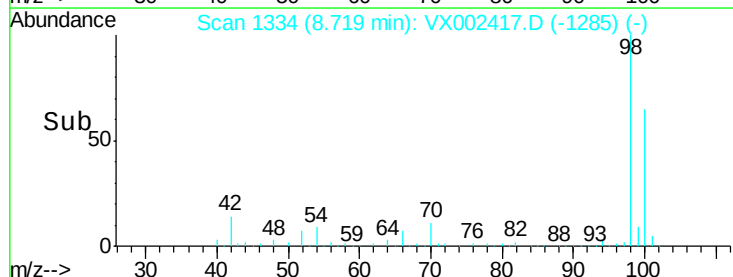
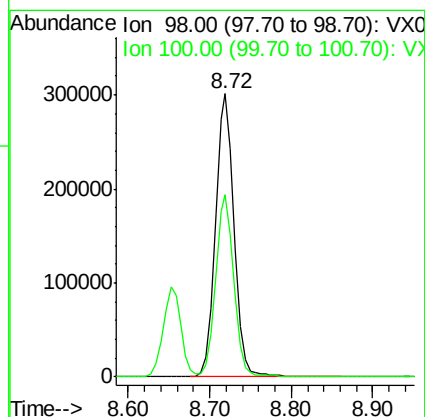
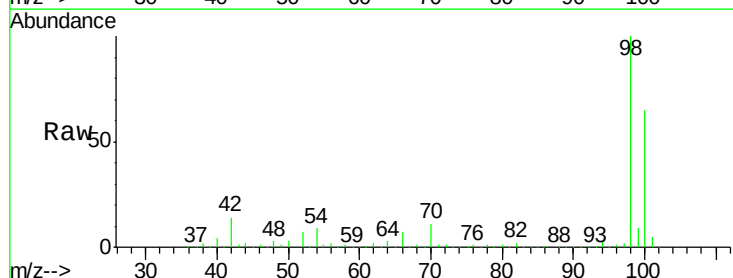
RT: 8.72 min Scan# 1334

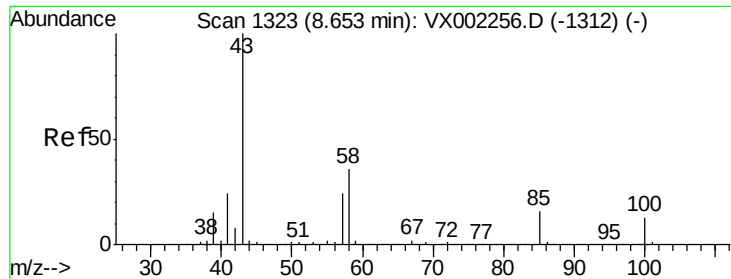
Delta R.T. -0.00 min

Lab File: VX002417.D

Acq: 09 Jun 2018 10:48

Tgt Ion:	98	Resp:	483684
Ion	Ratio	Lower	Upper
98	100		
100	63.4	50.9	76.3





#51

4-Methyl-2-Pentanone

Concen: 230.69 ug/l

RT: 8.65 min Scan# 1323

Delta R.T. -0.00 min

Lab File: VX002417.D

Acq: 09 Jun 2018 10:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 1057346

Ion Ratio Lower Upper

43 100

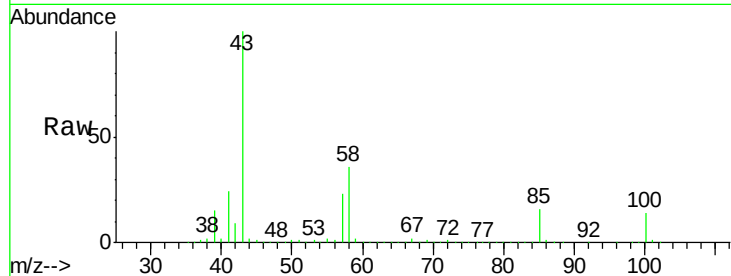
58 35.3 28.6 42.8

Manual Integrations

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

8.65

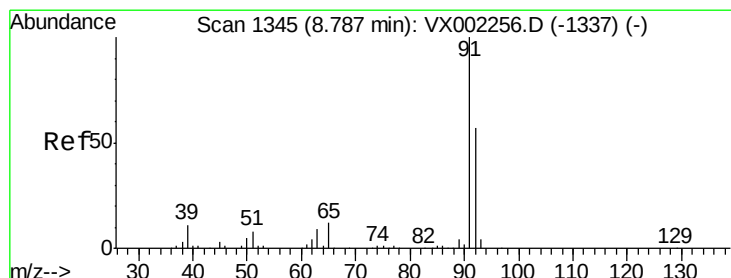
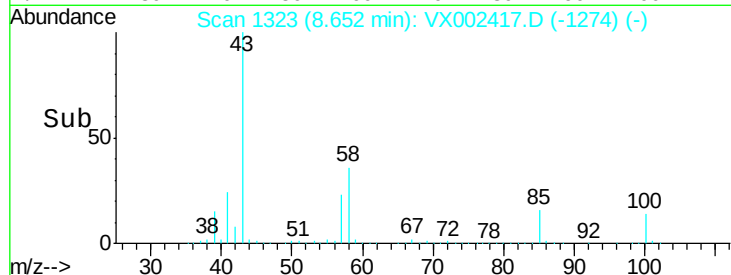
600000

400000

200000

0

Time-->



#52

Toluene

Concen: 51.61 ug/l

RT: 8.79 min Scan# 1345

Delta R.T. -0.00 min

Lab File: VX002417.D

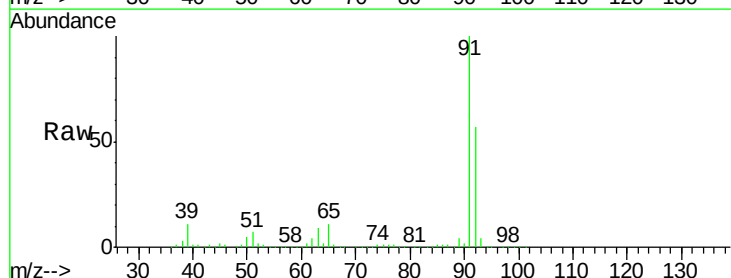
Acq: 09 Jun 2018 10:48

Tgt Ion: 92 Resp: 362638

Ion Ratio Lower Upper

92 100

91 176.5 140.4 210.6



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

8.79

400000

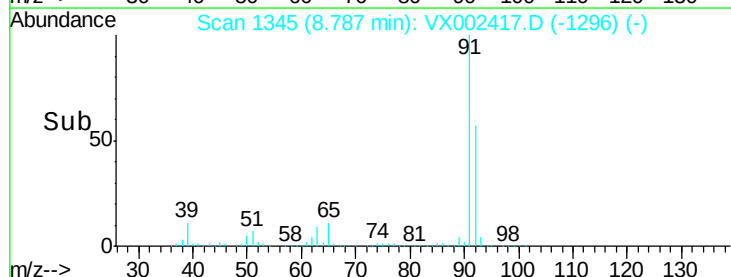
300000

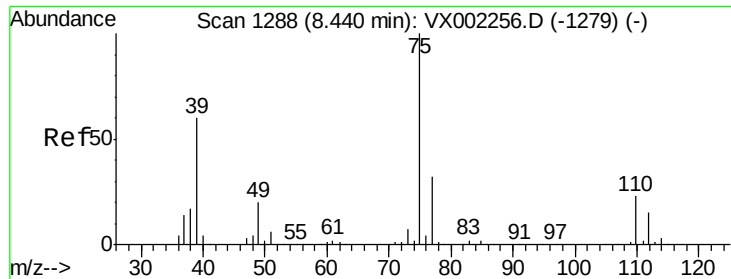
200000

100000

0

Time-->





#53

t-1,3-Dichloropropene

Concen: 51.59 ug/l

RT: 8.44 min Scan# 1288

Delta R.T. -0.00 min

Lab File: VX002417.D

Acq: 09 Jun 2018 10:48

Tot Ion: 75 Resp: 226214

Ion Ratio Lower Upper

75 100

77 31.9 25.4 38.2

Instrument :

MSVOA_X

ClientSampleId :

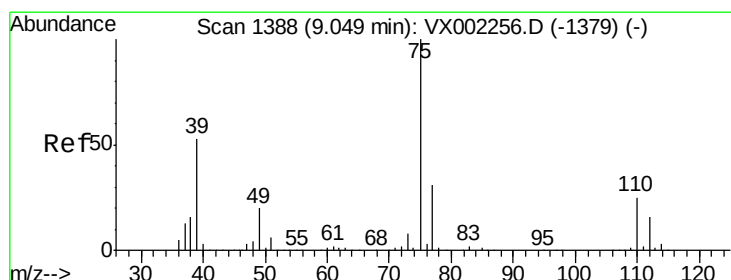
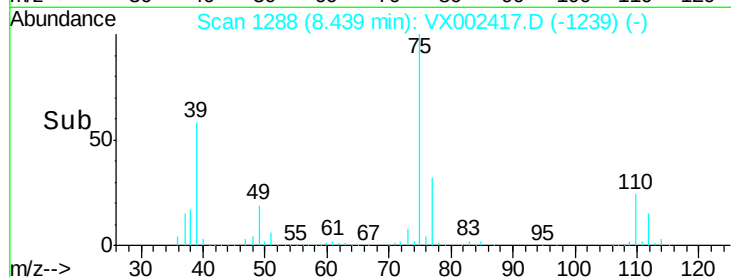
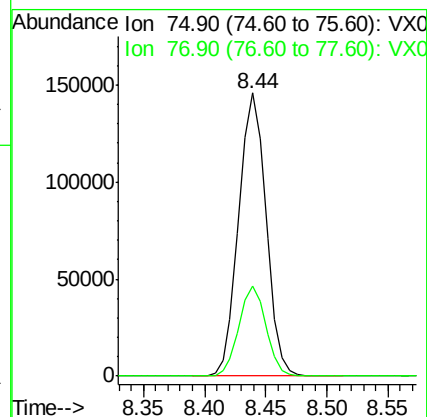
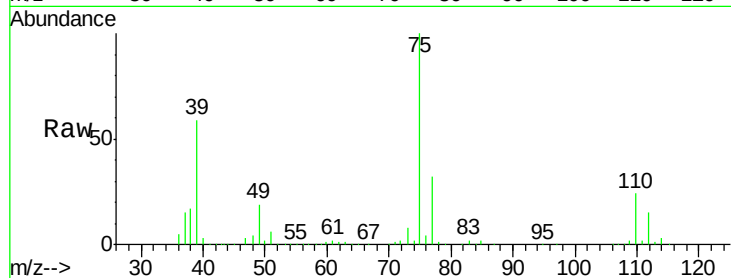
VSTDCCC050

Manual Integrations

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MMDadoda

6/11/2018 2:32:51 PM



#54

cis-1,3-Dichloropropene

Concen: 51.83 ug/l

RT: 9.04 min Scan# 1387

Delta R.T. -0.01 min

Lab File: VX002417.D

Acq: 09 Jun 2018 10:48

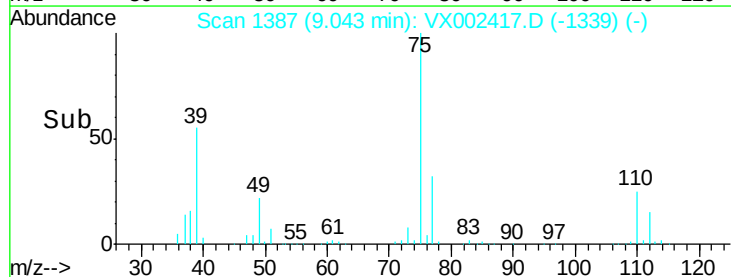
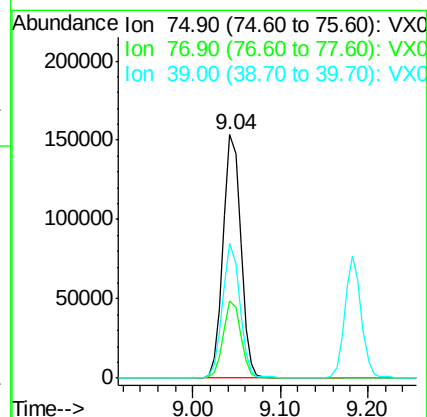
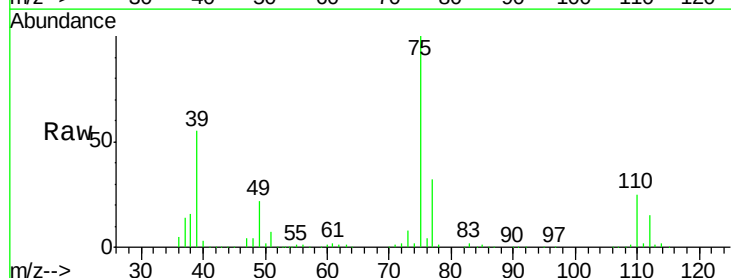
Tgt Ion: 75 Resp: 214430

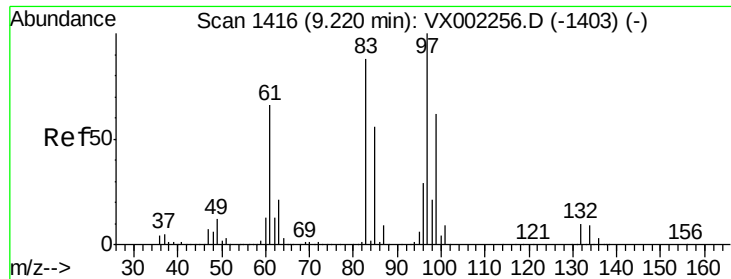
Ion Ratio Lower Upper

75 100

77 31.5 24.8 37.2

39 55.0 42.4 63.6





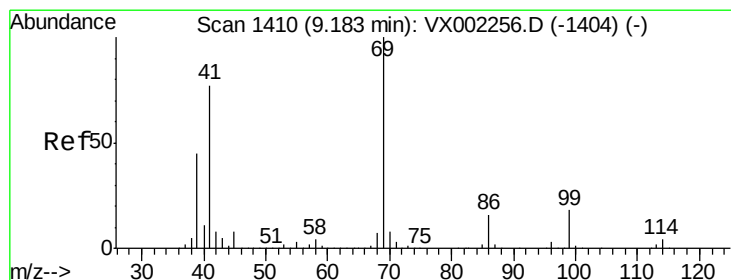
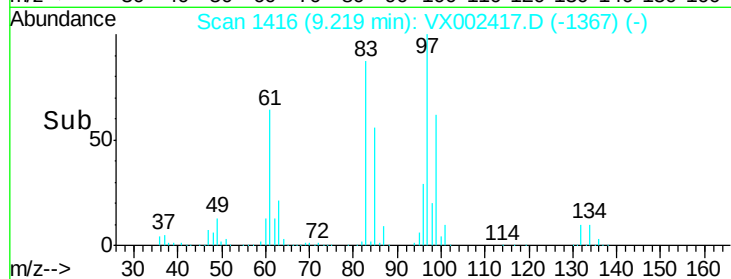
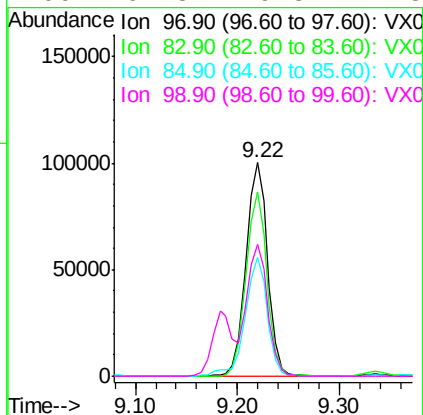
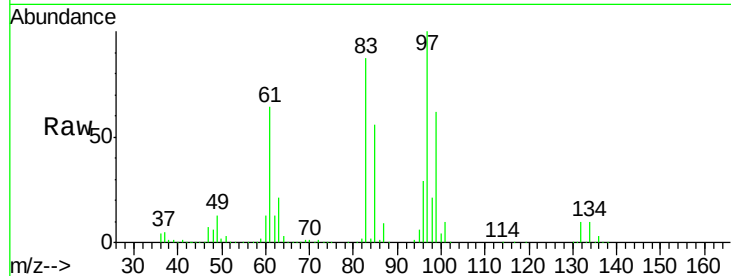
#55
 1,1,2-Trichloroethane
 Concen: 51.18 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. -0.00 min
 Lab File: VX002417.D
 Acq: 09 Jun 2018 10:48

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion:	97	Resp:	147900
Ion	Ratio	Lower	Upper
97	100		
83	86.6	70.2	105.2
85	55.7	44.9	67.3
99	61.8	49.8	74.8

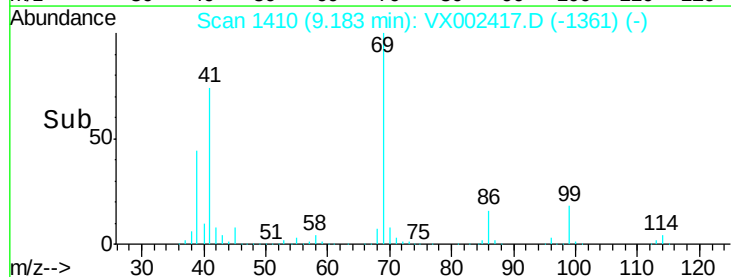
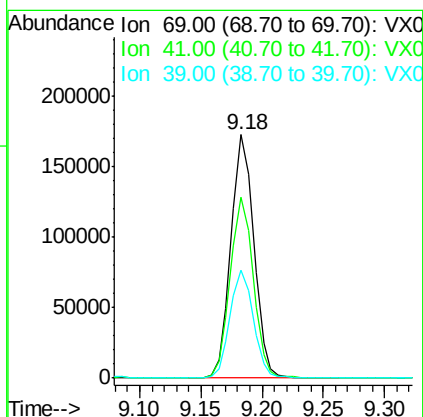
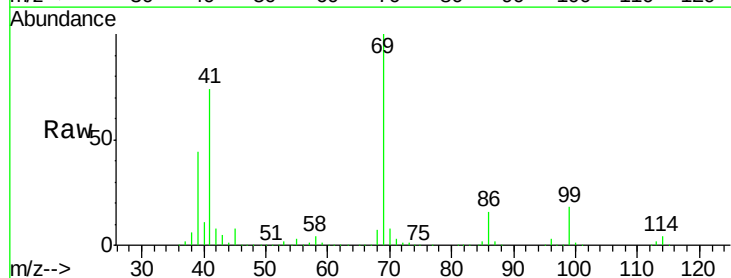
Manual Integrations
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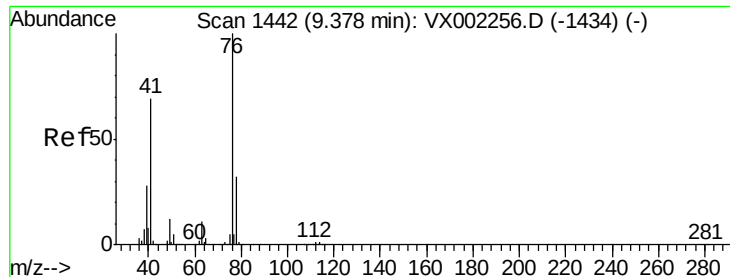
MMDadoda
 6/11/2018 2:32:51 PM



#56
 Ethyl methacrylate
 Concen: 48.76 ug/l
 RT: 9.18 min Scan# 1410
 Delta R.T. -0.00 min
 Lab File: VX002417.D
 Acq: 09 Jun 2018 10:48

Tgt Ion:	69	Resp:	224986
Ion	Ratio	Lower	Upper
69	100		
41	74.6	60.3	90.5
39	45.1	35.8	53.8





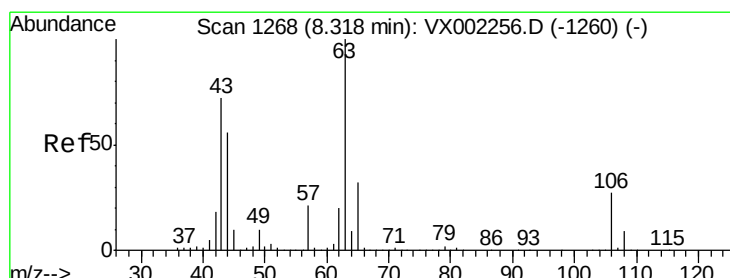
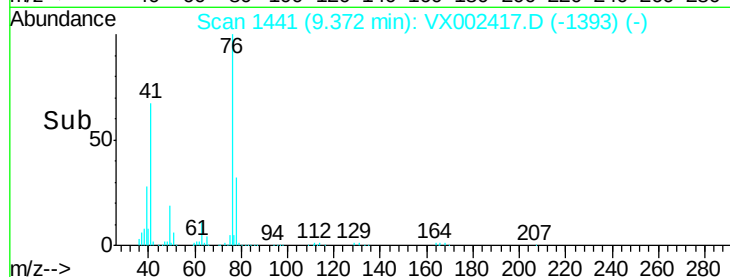
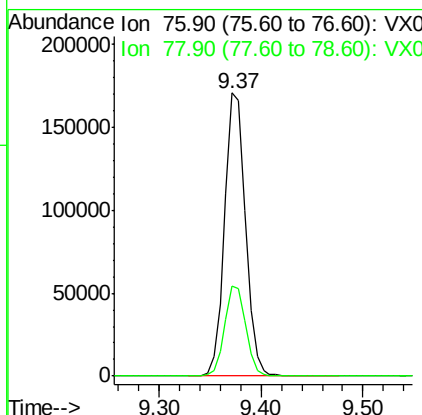
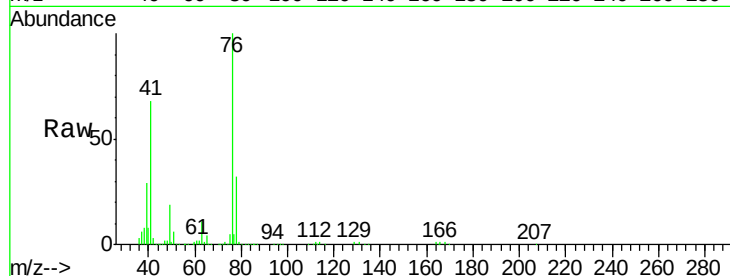
#57
 1,3-Dichloropropane
 Concen: 50.07 ug/l
 RT: 9.37 min Scan# 1441
 Delta R.T. -0.01 min
 Lab File: VX002417.D
 Acq: 09 Jun 2018 10:48

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.2	25.8	38.6

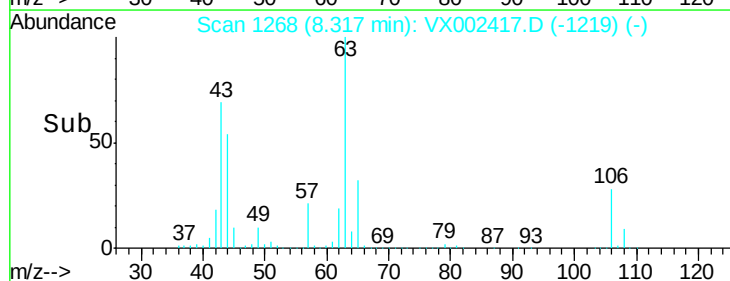
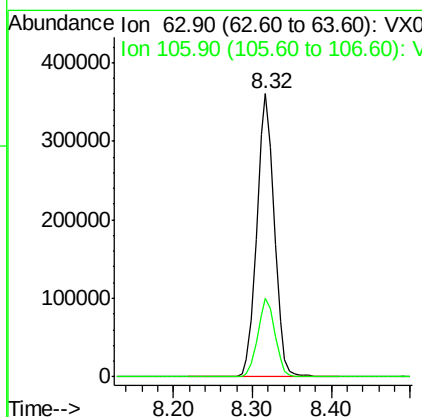
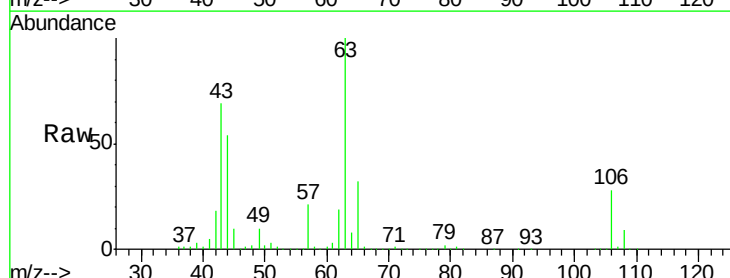
Manual Integrations
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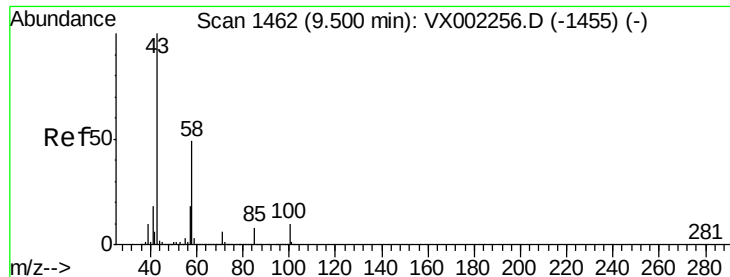
MMDadoda
 6/11/2018 2:32:51 PM



#58
 2-Chloroethyl Vinyl ether
 Concen: 260.25 ug/l
 RT: 8.32 min Scan# 1268
 Delta R.T. -0.00 min
 Lab File: VX002417.D
 Acq: 09 Jun 2018 10:48

Tgt Ion	Ratio	Lower	Upper
63	100		
106	27.6	21.8	32.8





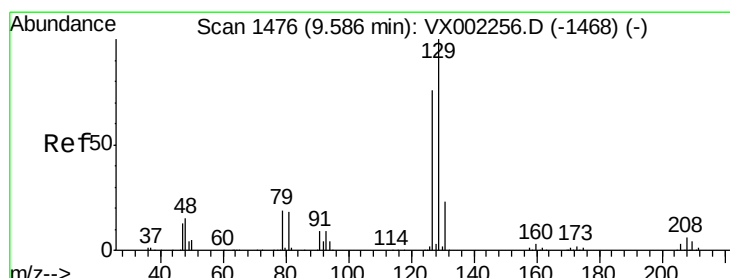
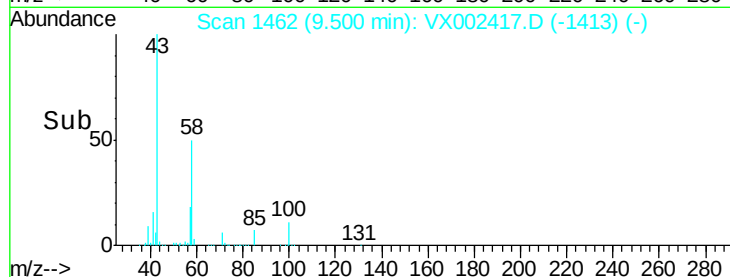
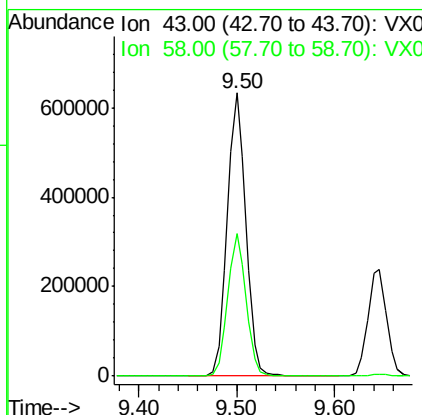
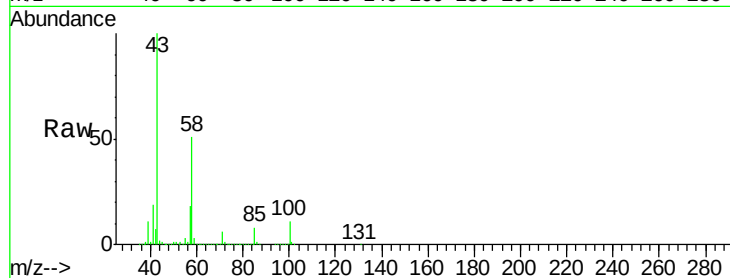
#59
2-Hexanone
Concen: 236.20 ug/l
RT: 9.50 min Scan# 1462
Delta R.T. -0.00 min
Lab File: VX002417.D
Acq: 09 Jun 2018 10:48

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
58	49.9	24.6	73.6

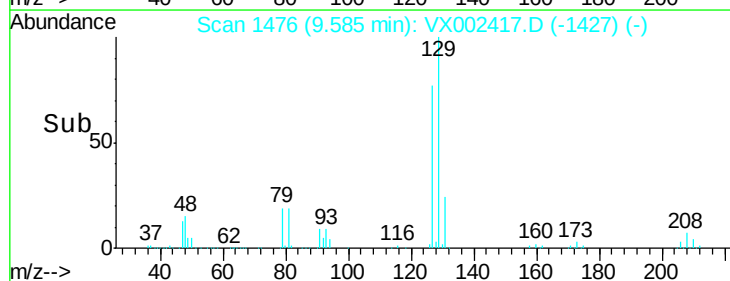
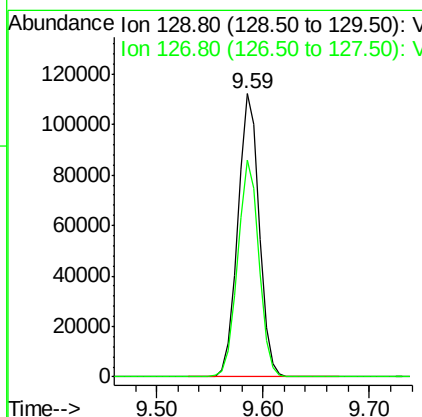
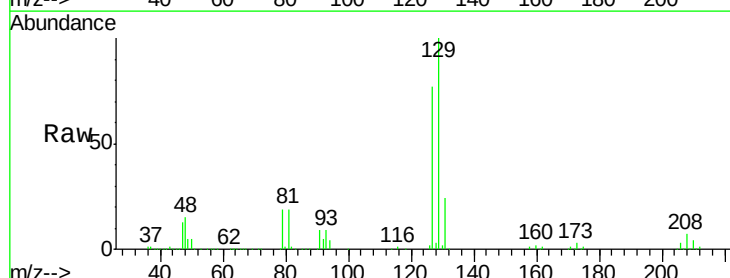
Manual Integrations
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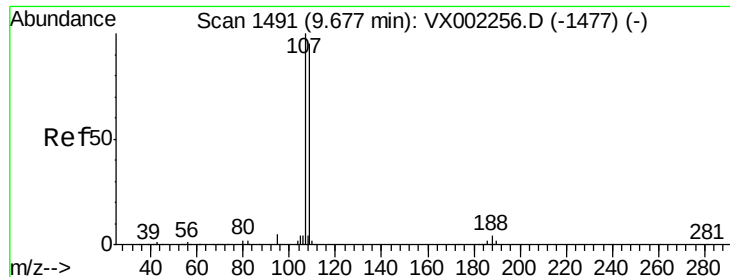
MMDadoda
6/11/2018 2:32:51 PM



#60
Dibromochloromethane
Concen: 54.61 ug/l
RT: 9.59 min Scan# 1476
Delta R.T. -0.00 min
Lab File: VX002417.D
Acq: 09 Jun 2018 10:48

Tgt Ion	Ratio	Lower	Upper
129	100		
127	76.0	38.5	115.3





#61

1,2-Dibromoethane

Concen: 51.16 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. -0.00 min

Lab File: VX002417.D

Acq: 09 Jun 2018 10:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:107 Resp: 154166

Ion Ratio Lower Upper

107 100

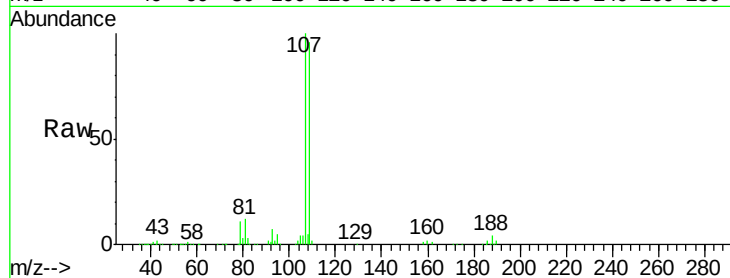
109 94.6 75.3 112.9

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Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.68

120000

100000

80000

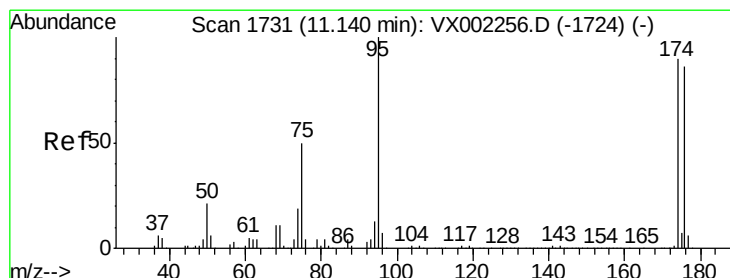
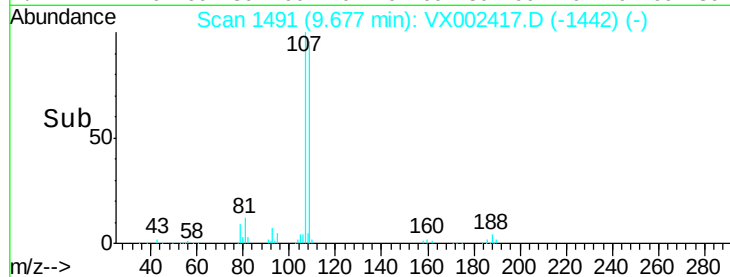
60000

40000

20000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 47.28 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.00 min

Lab File: VX002417.D

Acq: 09 Jun 2018 10:48

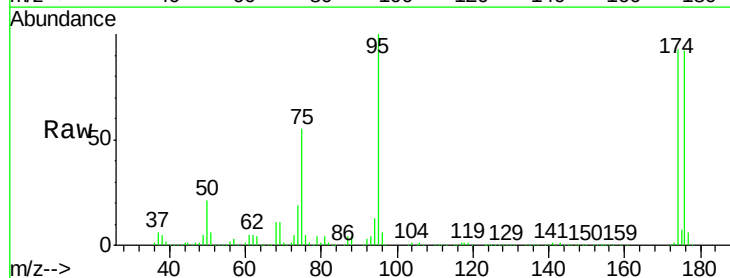
Tgt Ion: 95 Resp: 188336

Ion Ratio Lower Upper

95 100

174 95.9 0.0 187.4

176 94.5 0.0 181.0



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

200000

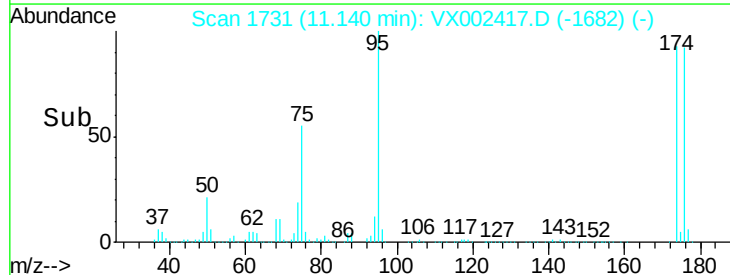
150000

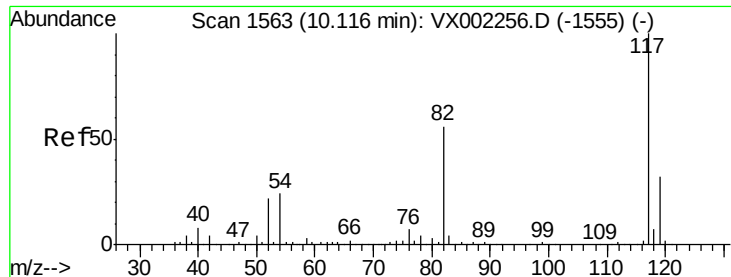
100000

50000

0

Time-->





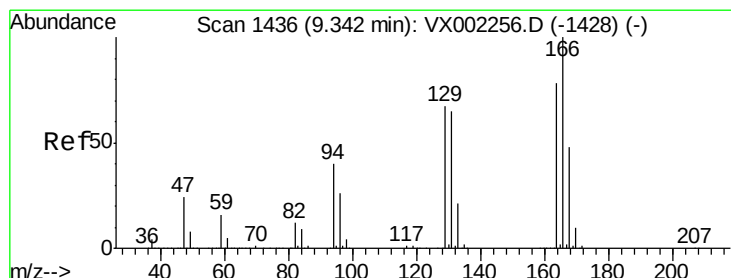
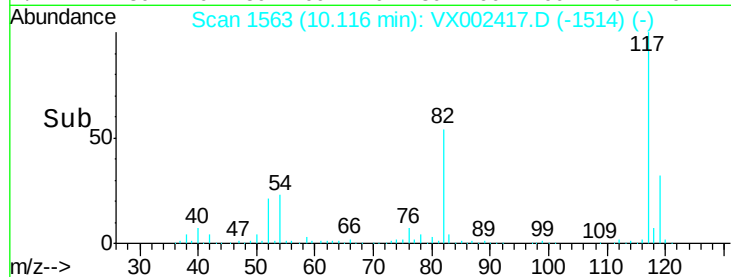
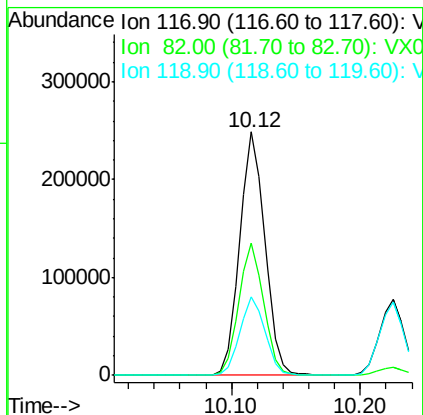
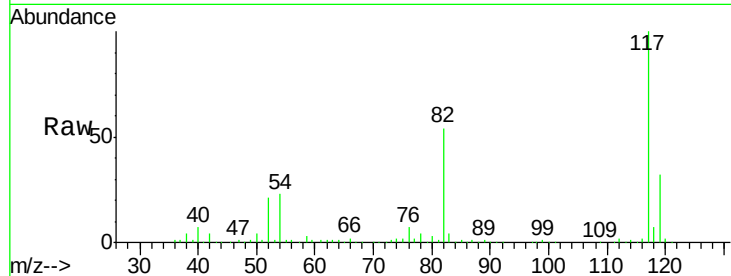
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX002417.D
Acq: 09 Jun 2018 10:48

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
117	100		
82	54.2	45.0	67.4
119	32.1	25.8	38.6

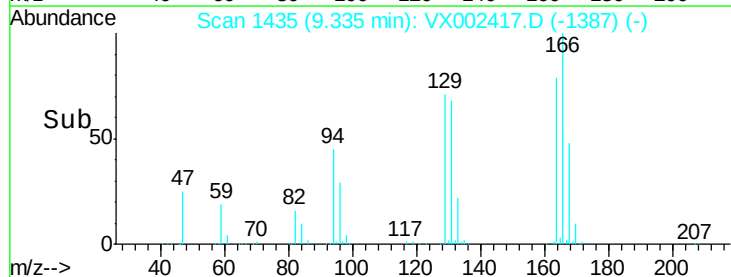
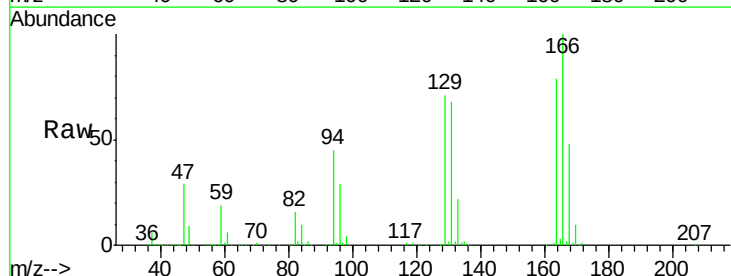
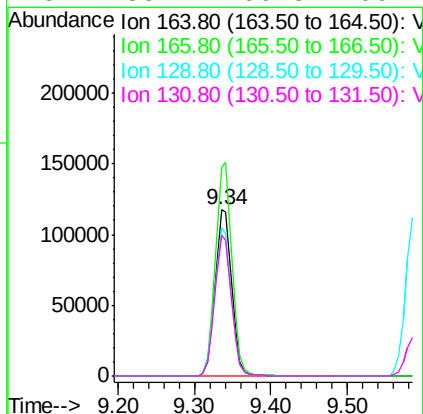
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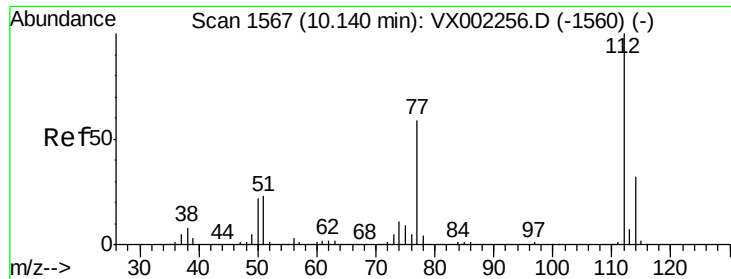
MMDadoda
6/11/2018 2:32:51 PM



#64
Tetrachloroethene
Concen: 50.83 ug/l
RT: 9.34 min Scan# 1435
Delta R.T. -0.01 min
Lab File: VX002417.D
Acq: 09 Jun 2018 10:48

Tgt Ion	Ratio	Lower	Upper
164	100		
166	125.9	102.9	154.3
129	89.6	68.6	102.8
131	85.2	66.8	100.2





#65

Chlorobenzene

Concen: 50.03 ug/l

RT: 10.14 min Scan# 1567

Delta R.T. -0.00 min

Lab File: VX002417.D

Acq: 09 Jun 2018 10:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:112 Resp: 420524

Ion Ratio Lower Upper

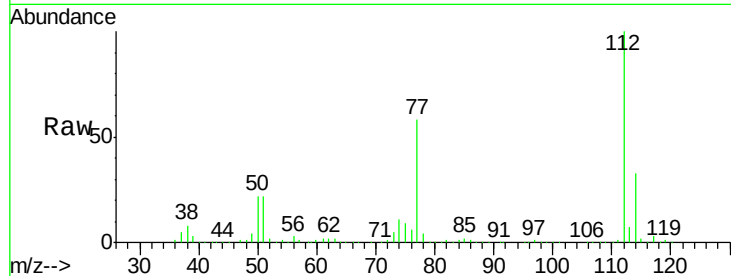
112 100

114 32.8 25.3 37.9

Manual Integrations
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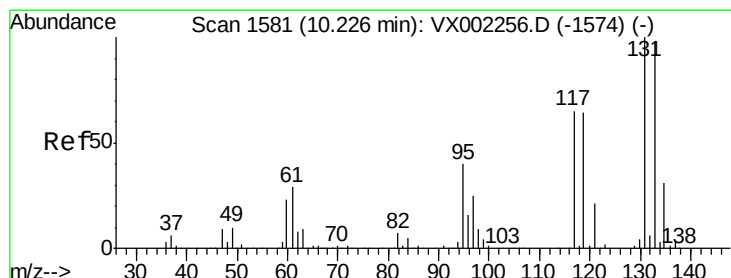
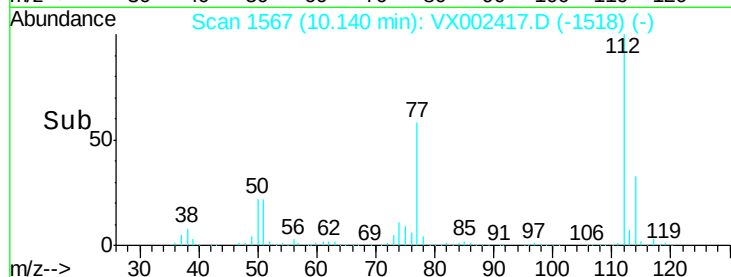
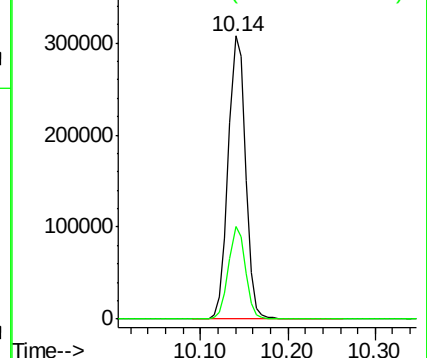
MMDadoda

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Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 51.64 ug/l

RT: 10.23 min Scan# 1581

Delta R.T. -0.00 min

Lab File: VX002417.D

Acq: 09 Jun 2018 10:48

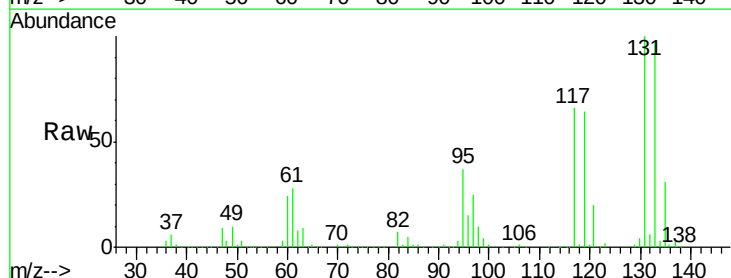
Tgt Ion:131 Resp: 157161

Ion Ratio Lower Upper

131 100

133 95.1 47.9 143.6

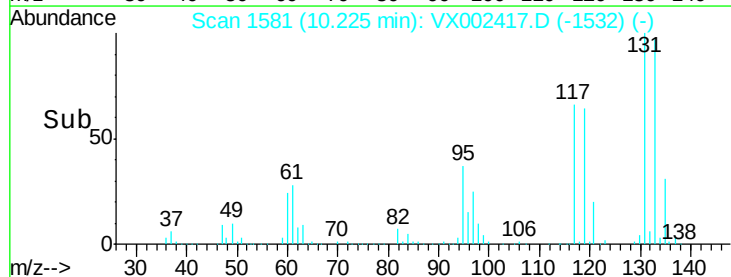
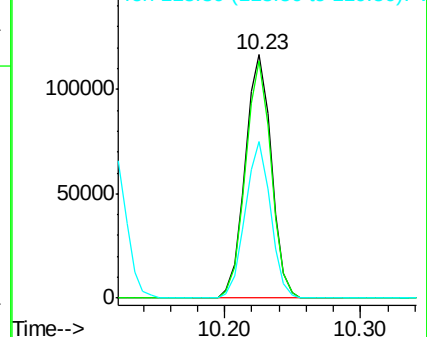
119 62.4 31.8 95.3

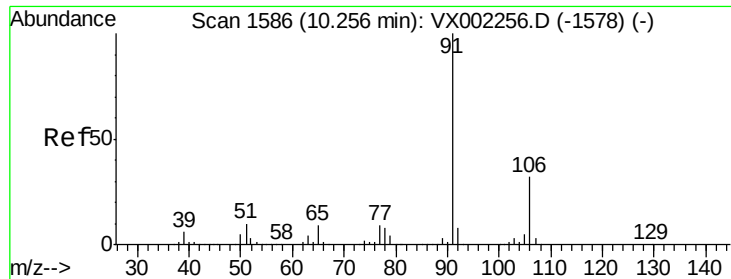


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





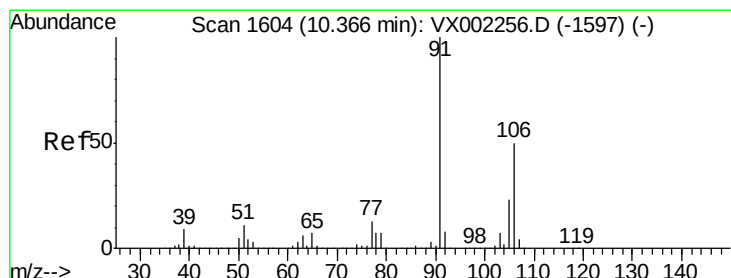
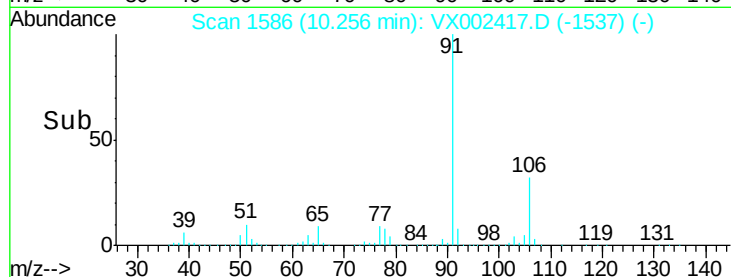
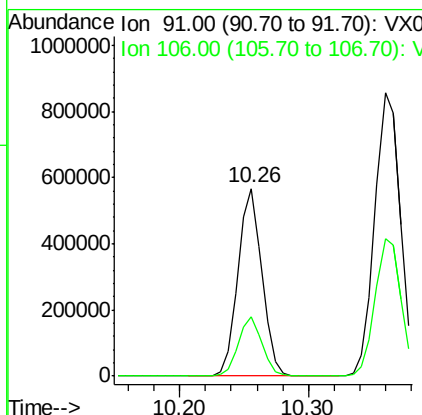
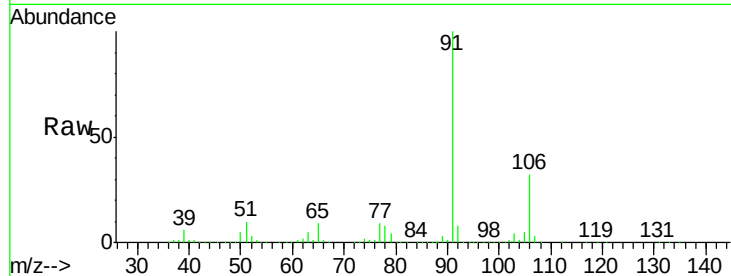
#67
Ethyl Benzene
Concen: 52.11 ug/l
RT: 10.26 min Scan# 1586
Delta R.T. -0.00 min
Lab File: VX002417.D
Acq: 09 Jun 2018 10:48

Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050

Tot Ion: 91 Resp: 732958
Ion Ratio Lower Upper
91 100
106 31.7 25.5 38.3

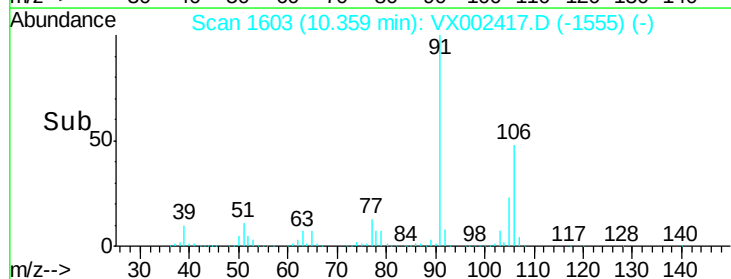
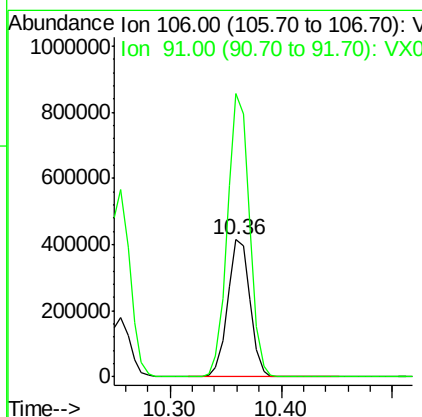
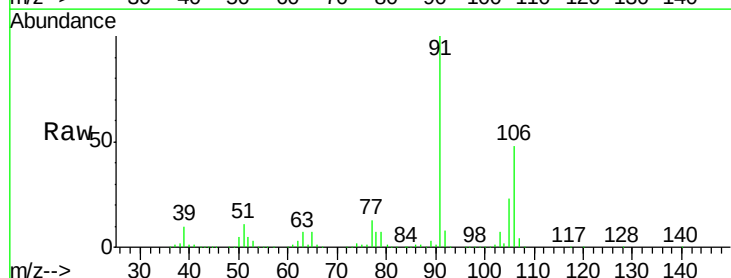
Manual Integrations
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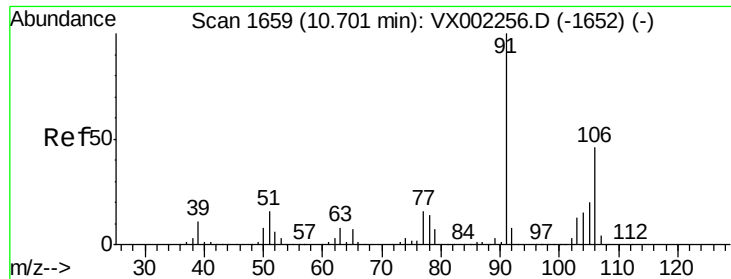
MMDadoda
6/11/2018 2:32:51 PM



#68
m/p-Xylenes
Concen: 104.58 ug/l
RT: 10.36 min Scan# 1603
Delta R.T. -0.01 min
Lab File: VX002417.D
Acq: 09 Jun 2018 10:48

Tgt Ion: 106 Resp: 571847
Ion Ratio Lower Upper
106 100
91 204.4 163.4 245.2





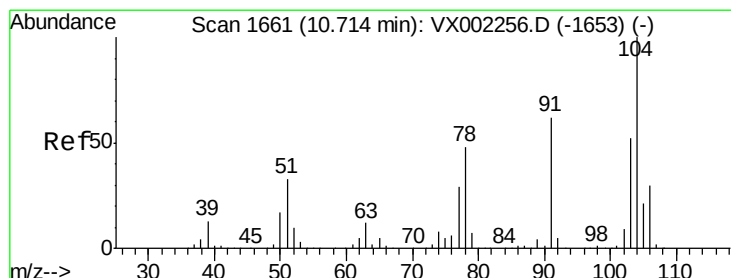
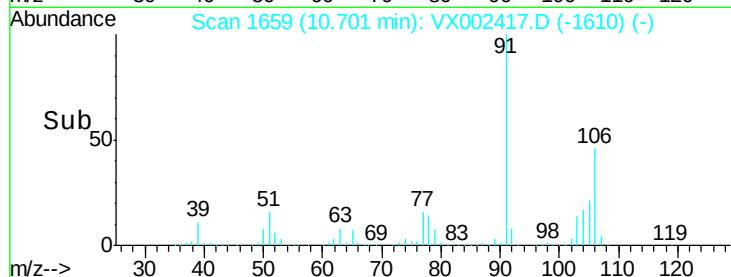
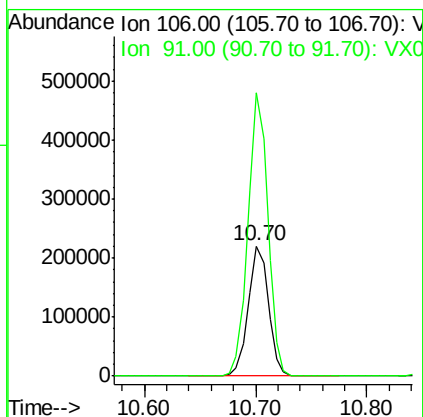
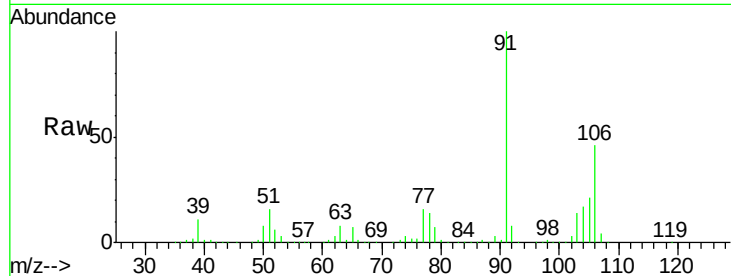
#69
o-Xylene
Concen: 51.14 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. -0.00 min
Lab File: VX002417.D
Acq: 09 Jun 2018 10:48

Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
106	100		
91	214.6	108.2	324.6

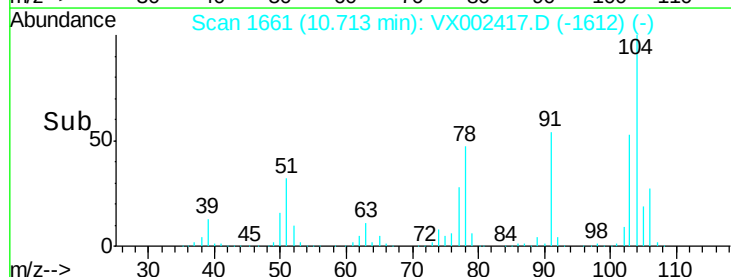
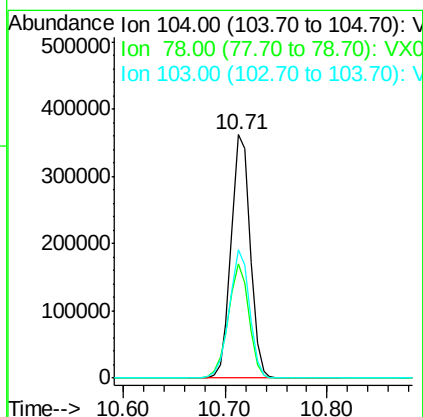
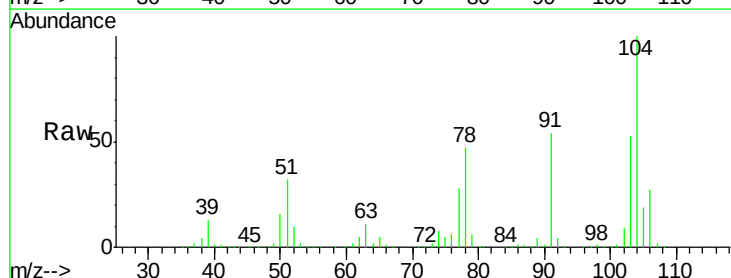
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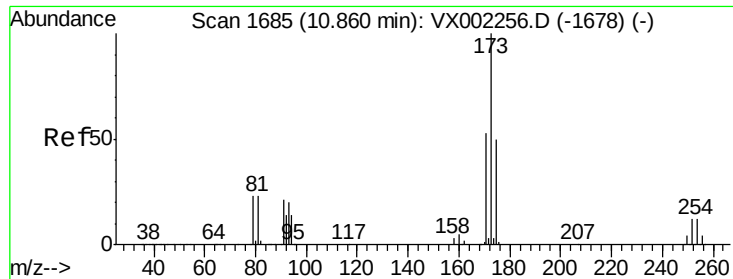
MMDadoda
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#70
Styrene
Concen: 52.38 ug/l
RT: 10.71 min Scan# 1661
Delta R.T. -0.00 min
Lab File: VX002417.D
Acq: 09 Jun 2018 10:48

Tgt Ion	Ratio	Lower	Upper
104	100		
78	50.9	41.0	61.6
103	55.9	44.2	66.4





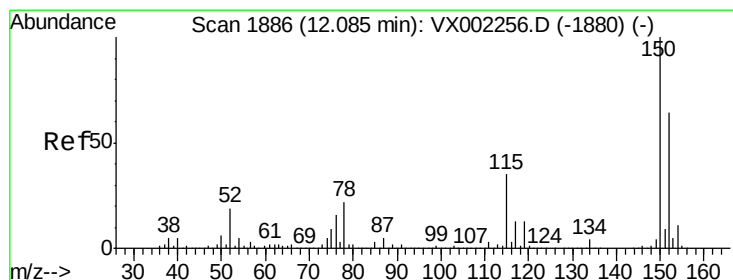
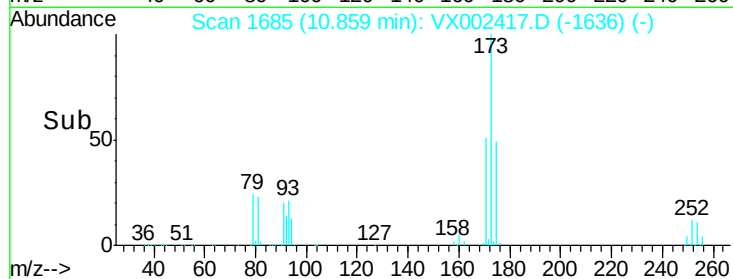
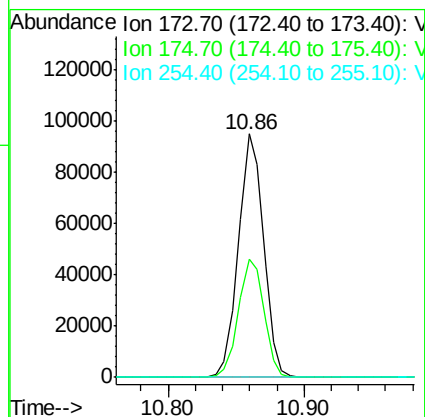
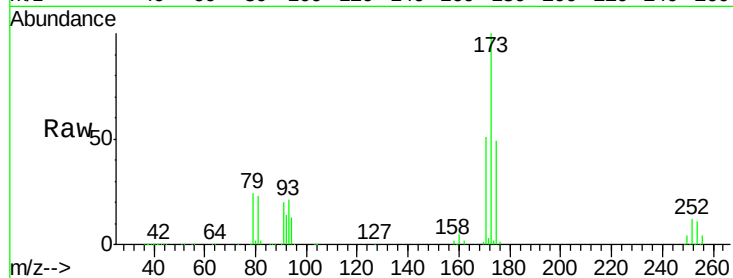
#71
Bromoform
Concen: 45.06 ug/l
RT: 10.86 min Scan# 1685
Delta R.T. 0.00 min
Lab File: VX002417.D
Acq: 09 Jun 2018 10:48

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

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

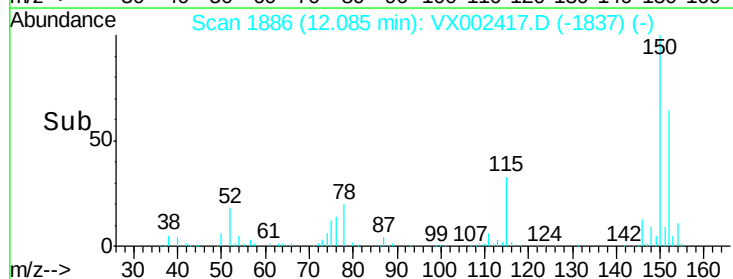
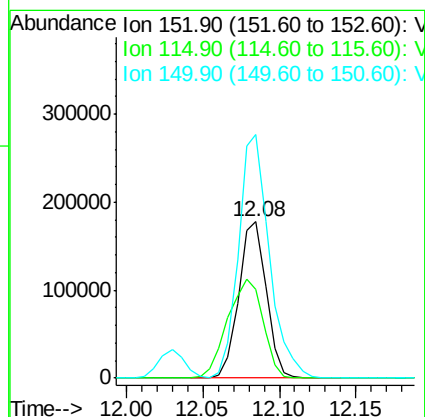
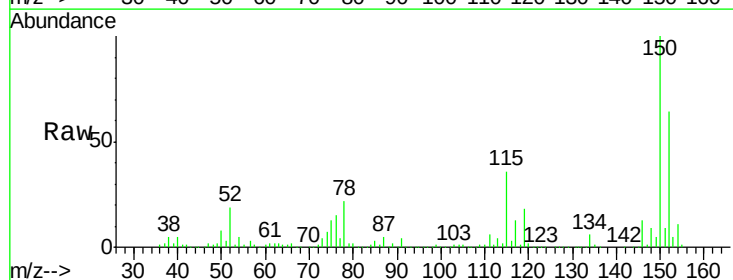
Manual Integrations
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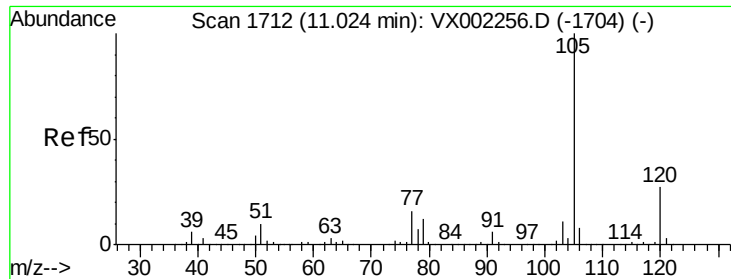
MMDadoda
6/11/2018 2:32:51 PM



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.08 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX002417.D
Acq: 09 Jun 2018 10:48

Tgt Ion	Ratio	Lower	Upper
152	100		
115	81.7	40.1	120.2
150	174.6	0.0	347.2





#73

Isopropylbenzene

Concen: 50.61 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. -0.00 min

Lab File: VX002417.D

Acq: 09 Jun 2018 10:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:105 Resp: 777471

Ion Ratio Lower Upper

105 100

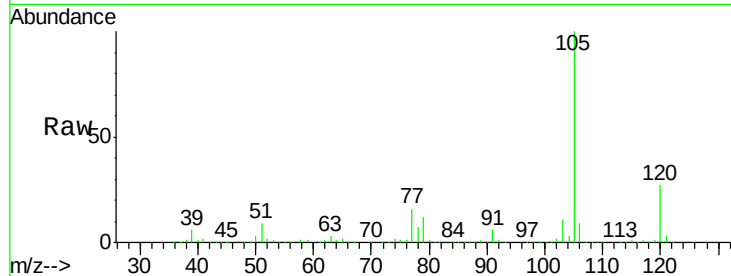
120 27.0 13.5 40.4

Manual Integrations

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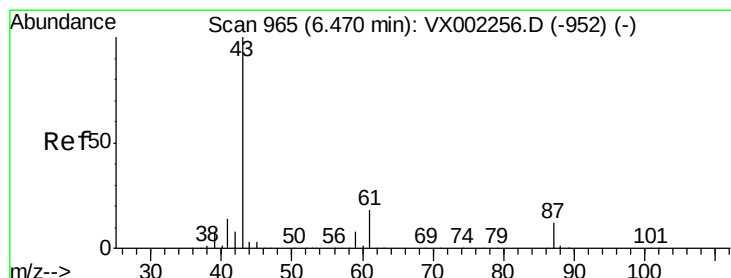
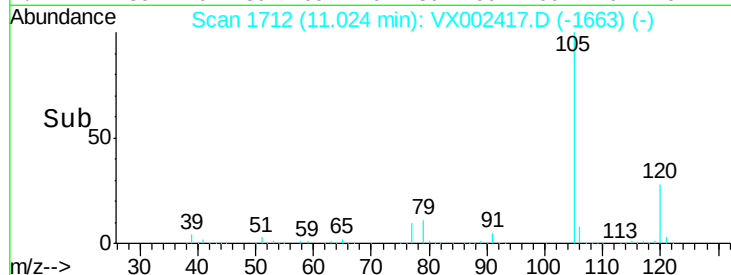
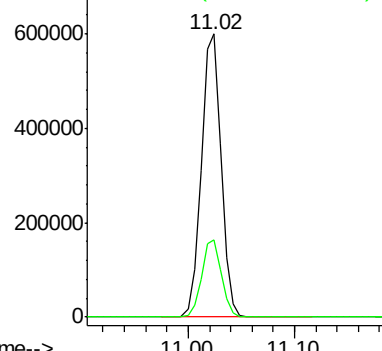
MMDadoda

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 40.69 ug/l

RT: 6.46 min Scan# 964

Delta R.T. -0.01 min

Lab File: VX002417.D

Acq: 09 Jun 2018 10:48

Tgt Ion: 43 Resp: 336741

Ion Ratio Lower Upper

43 100

70 0.0 0.0 0.0

55 0.1 0.0 0.0#

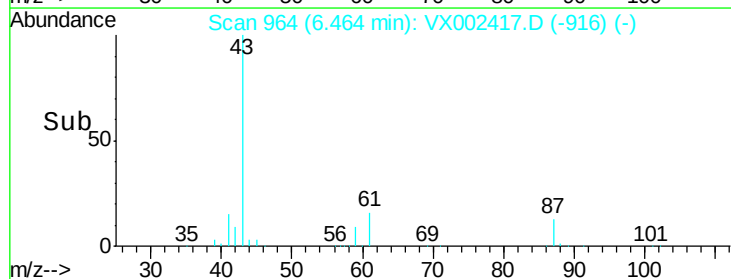
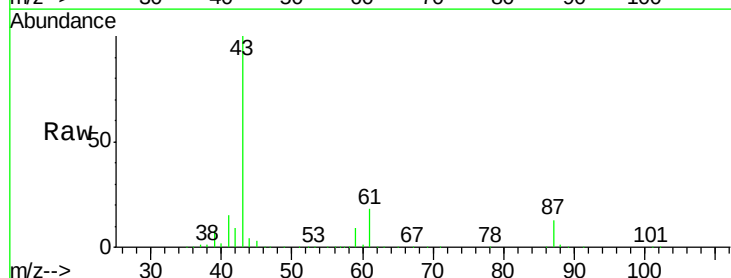
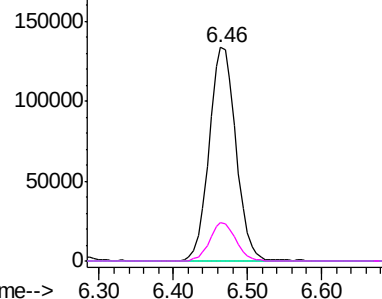
61 17.8 14.4 21.6

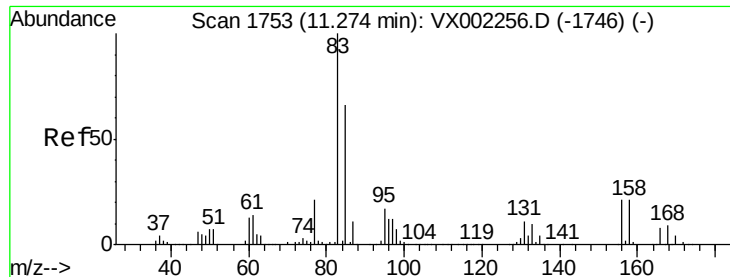
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 44.86 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. -0.00 min

Lab File: VX002417.D

Acq: 09 Jun 2018 10:48

Instrument :

MSVOA_X

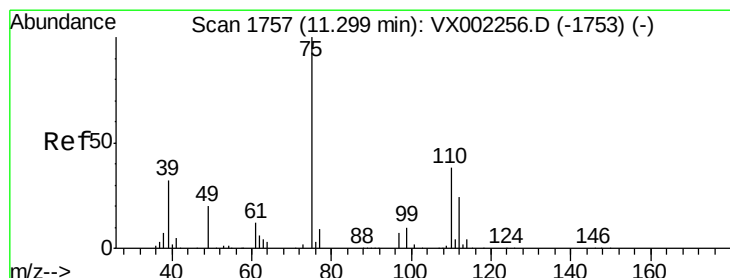
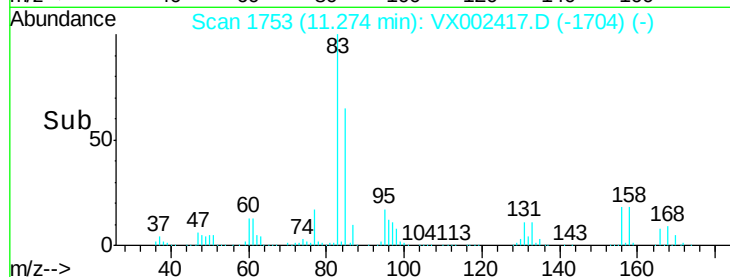
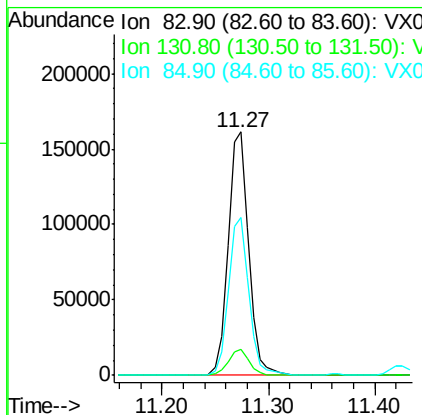
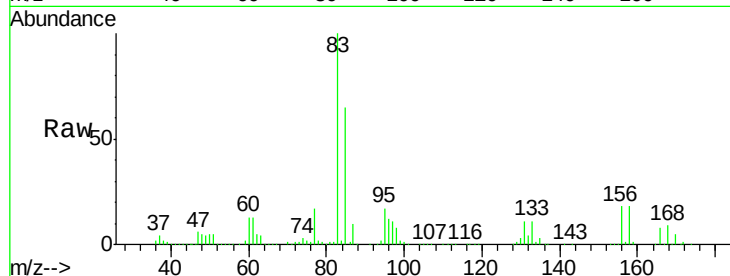
ClientSampled :

VSTDCCC050

Tot Ion:	83	Resp:	216710
Ion	Ratio	Lower	Upper
83	100		
131	11.0	5.6	16.8
85	64.8	32.4	97.2

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#76

1,2,3-Trichloropropane

Concen: 44.45 ug/l m

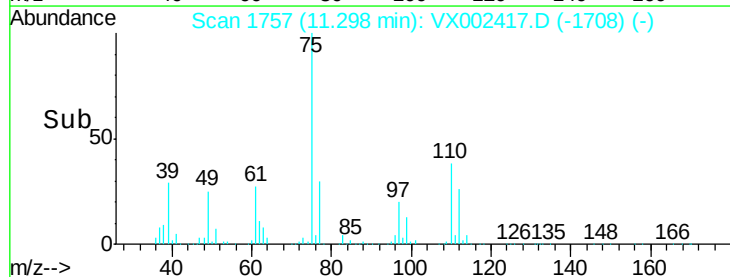
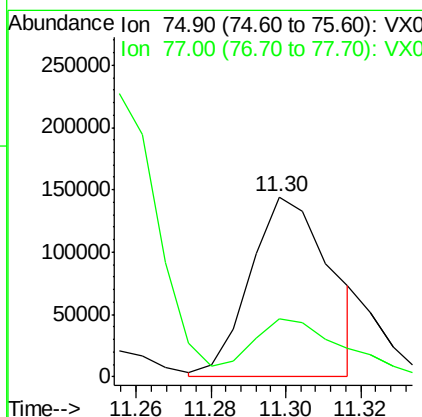
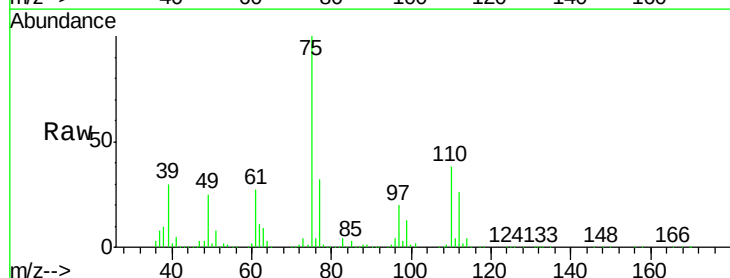
RT: 11.30 min Scan# 1757

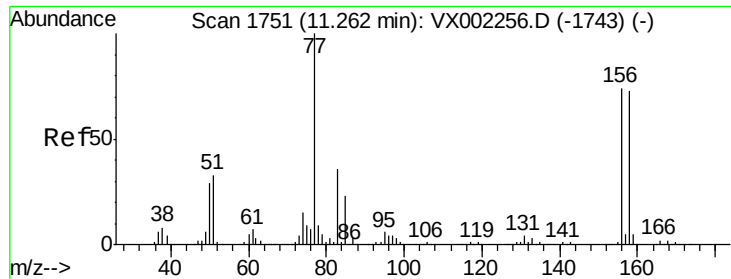
Delta R.T. -0.00 min

Lab File: VX002417.D

Acq: 09 Jun 2018 10:48

Tgt Ion:	75	Resp:	215354
Ion	Ratio	Lower	Upper
75	100		
77	36.7	22.8	68.3





#77

Bromobenzene

Concen: 48.10 ug/l

RT: 11.26 min Scan# 1750

Delta R.T. -0.01 min

Lab File: VX002417.D

Acq: 09 Jun 2018 10:48

Instrument :

MSVOA_X

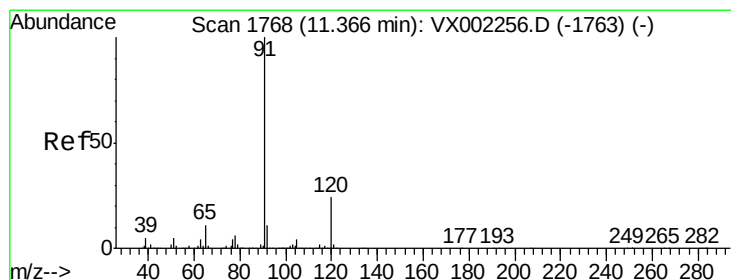
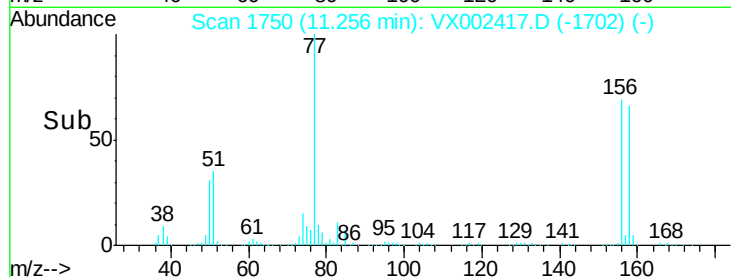
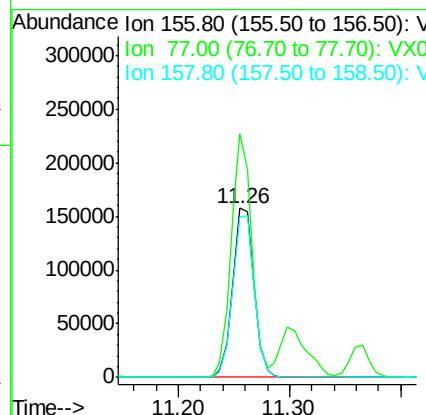
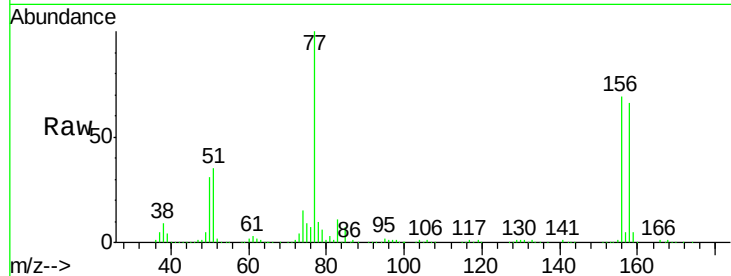
ClientSampleId :

VSTDCCC050

Tot Ion	Ion	Ratio	Resp	Lower	Upper
156	100		207412		
77	138.7	71.4	214.2		
158	97.0	48.9	146.6		

Manual Integrations
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6/11/2018 2:32:51 PM



#78

n-propylbenzene

Concen: 52.92 ug/l

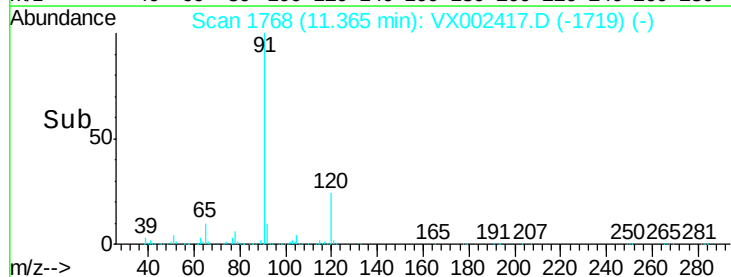
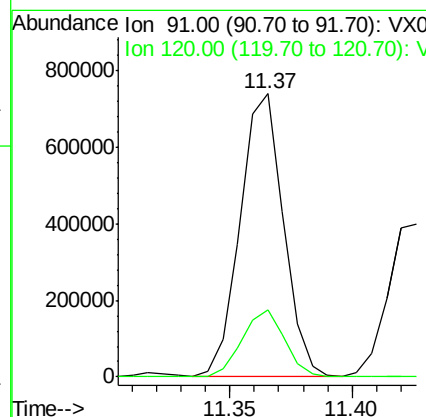
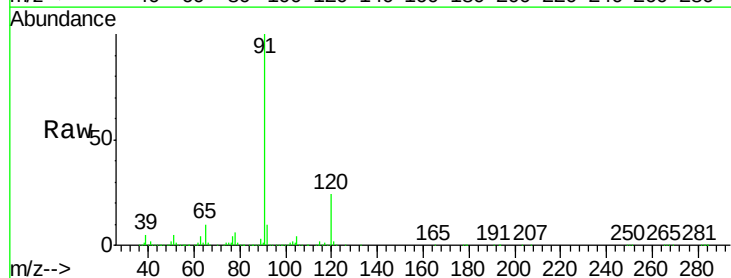
RT: 11.37 min Scan# 1768

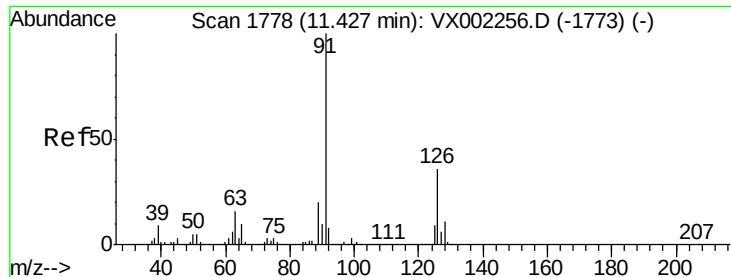
Delta R.T. -0.00 min

Lab File: VX002417.D

Acq: 09 Jun 2018 10:48

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
91	100		903471		
120	23.5	11.8	35.4		





#79

2-Chlorotoluene

Concen: 47.98 ug/l

RT: 11.43 min Scan# 1778

Delta R.T. -0.00 min

Lab File: VX002417.D

Acq: 09 Jun 2018 10:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 91 Resp: 517243

Ion Ratio Lower Upper

91 100

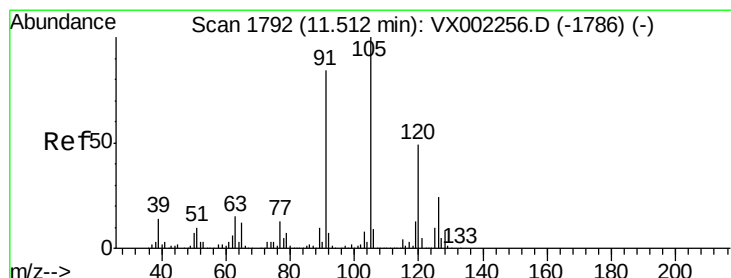
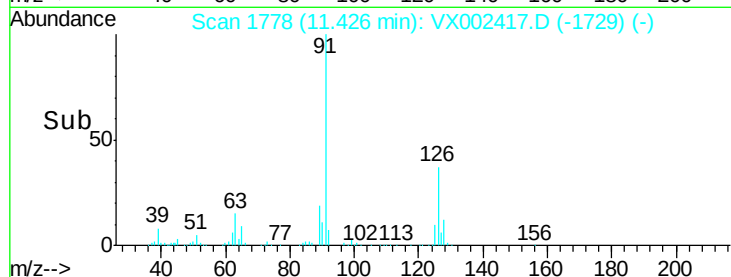
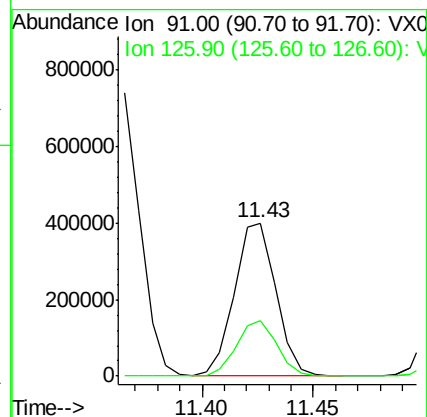
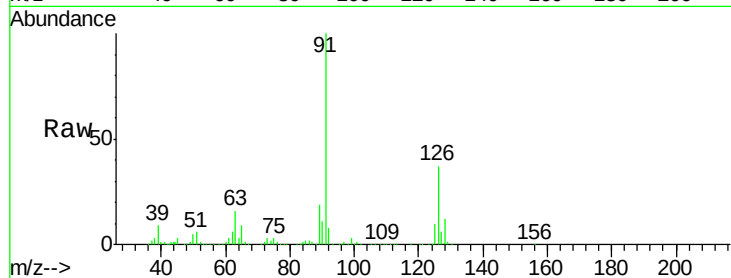
126 35.7 17.7 53.1

Manual Integrations

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#80

1,3,5-Trimethylbenzene

Concen: 50.58 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX002417.D

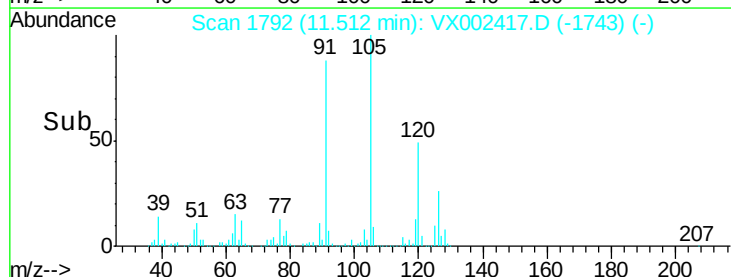
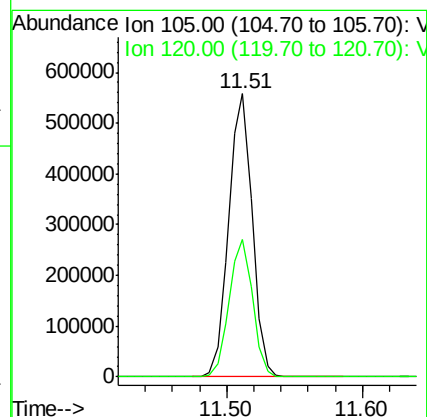
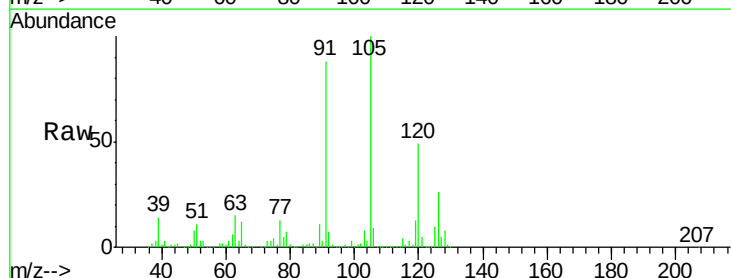
Acq: 09 Jun 2018 10:48

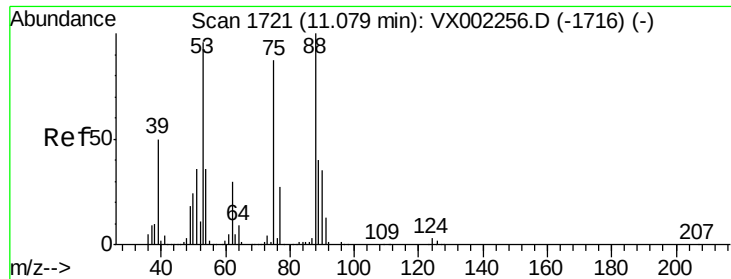
Tgt Ion: 105 Resp: 666348

Ion Ratio Lower Upper

105 100

120 48.5 24.4 73.4





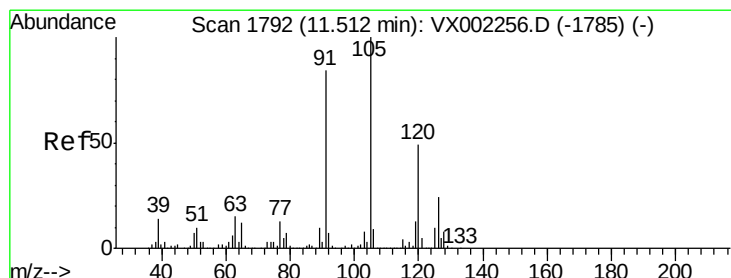
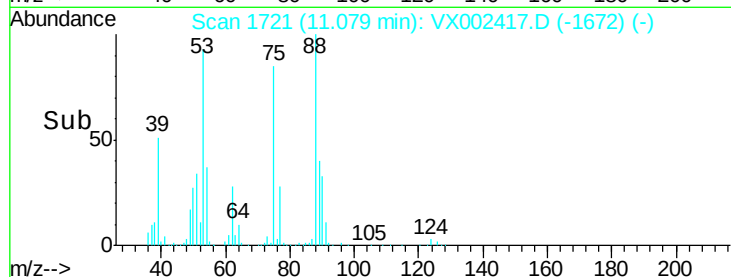
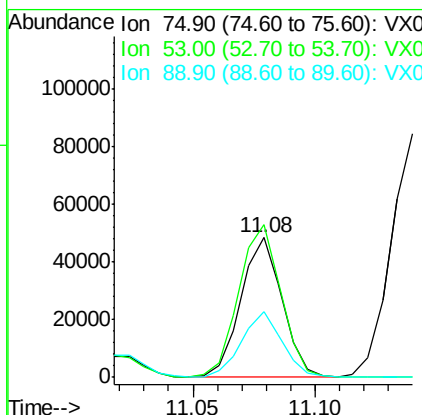
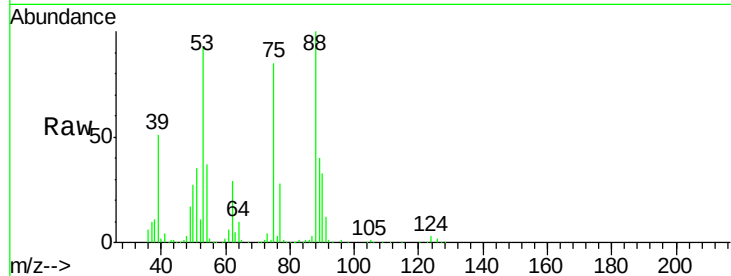
#81
trans-1,4-Dichloro-2-butene
Concen: 41.13 ug/l
RT: 11.08 min Scan# 1721
Delta R.T. -0.00 min
Lab File: VX002417.D
Acq: 09 Jun 2018 10:48

Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
75	100		
53	112.2	86.8	130.2
89	46.9	38.2	57.2

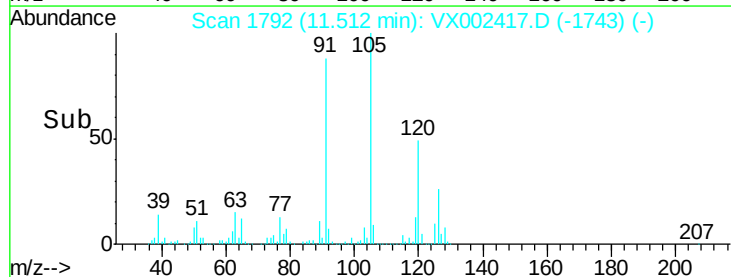
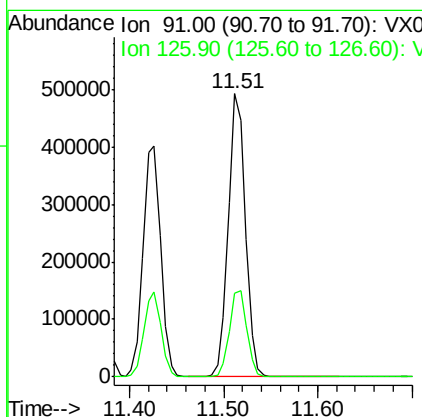
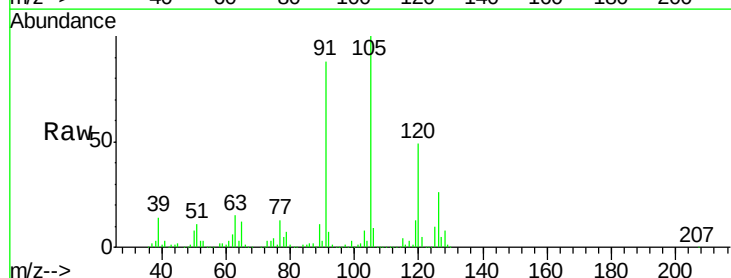
Manual Integrations
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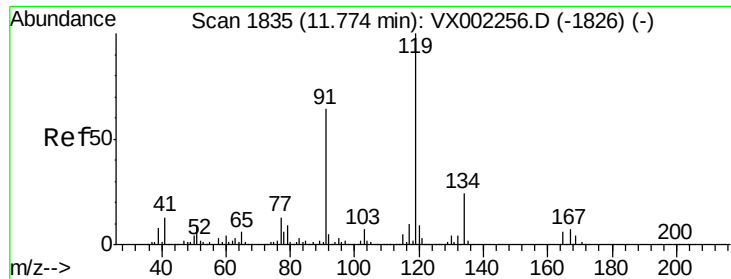
MMDadoda
6/11/2018 2:32:51 PM



#82
4-Chlorotoluene
Concen: 50.03 ug/l
RT: 11.51 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX002417.D
Acq: 09 Jun 2018 10:48

Tgt Ion	Ratio	Lower	Upper
91	100		
126	31.1	15.4	46.4





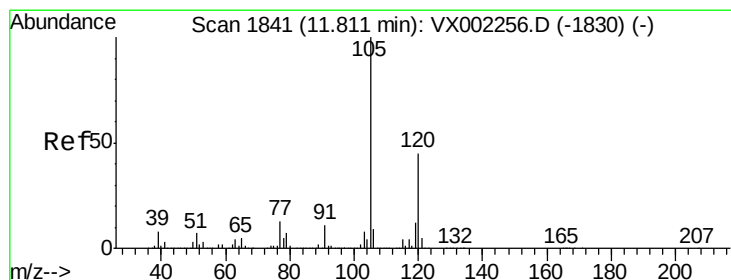
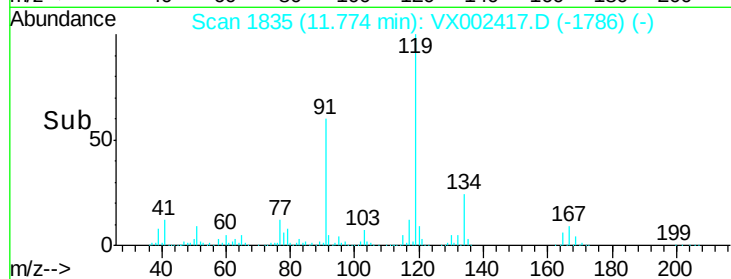
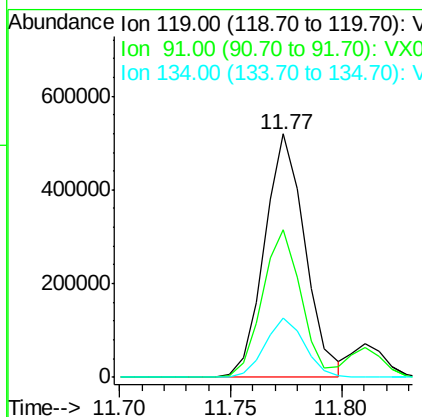
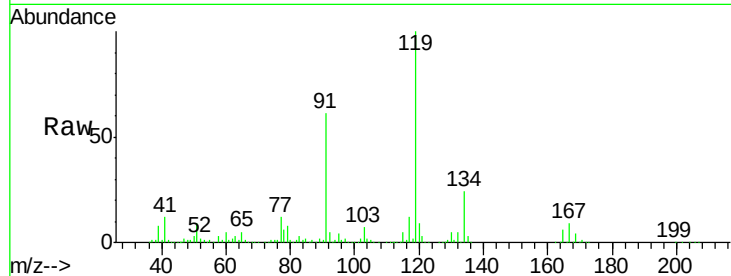
#83
 tert-Butylbenzene
 Concen: 51.08 ug/l
 RT: 11.77 min Scan# 1835
 Delta R.T. -0.00 min
 Lab File: VX002417.D
 Acq: 09 Jun 2018 10:48

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
119	100	655323		
91	58.9		30.3	90.9
134	23.8		11.7	35.1

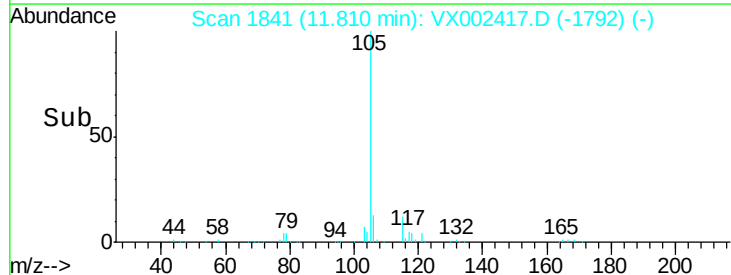
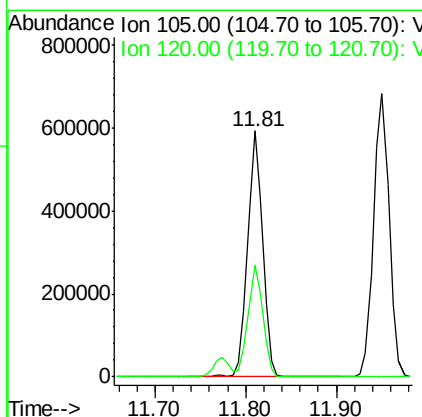
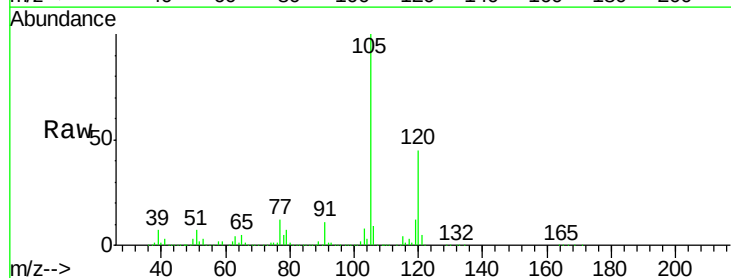
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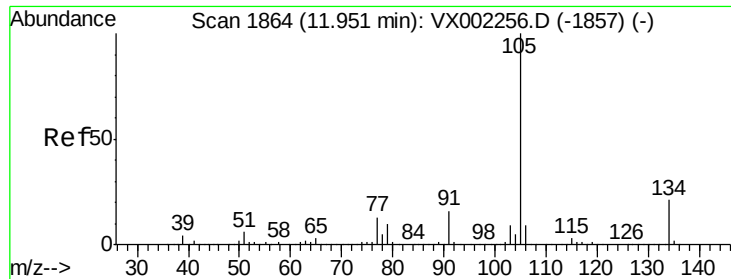
MMDadoda
 6/11/2018 2:32:51 PM



#84
 1,2,4-Trimethylbenzene
 Concen: 50.46 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. -0.00 min
 Lab File: VX002417.D
 Acq: 09 Jun 2018 10:48

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	684284		
120	45.1		22.3	66.8





#85

sec-Butylbenzene

Concen: 54.21 ug/l

RT: 11.95 min Scan# 1864

Delta R.T. -0.00 min

Lab File: VX002417.D

Acq: 09 Jun 2018 10:48

Instrument :

MSVOA_X

ClientSampled :

VSTDCCC050

Tot Ion:105 Resp: 815324

Ion Ratio Lower Upper

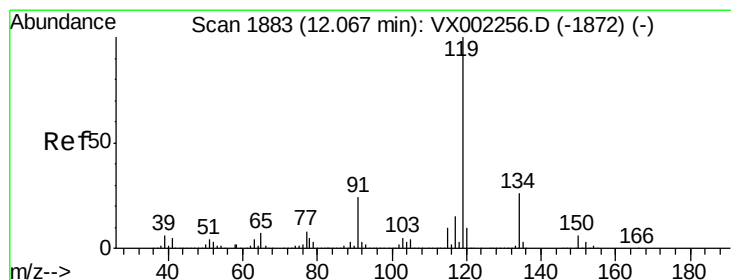
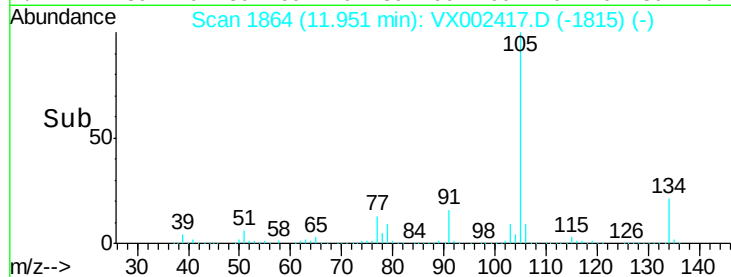
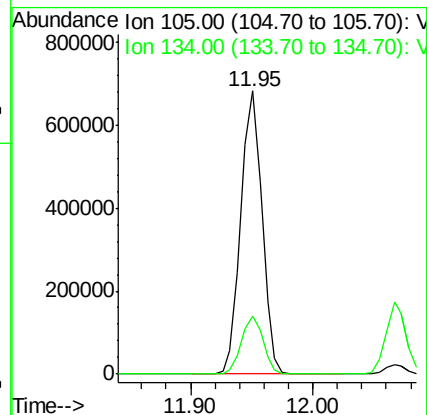
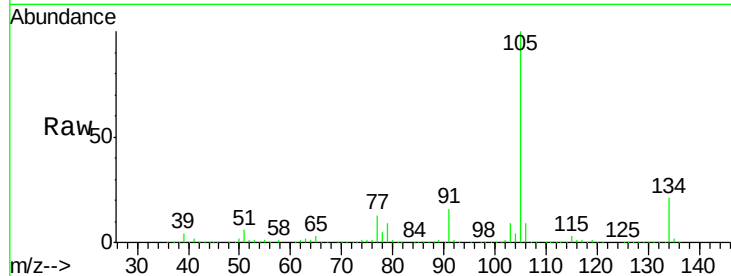
105 100

134 20.8 10.4 31.1

Manual Integrations
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#86

p-Isopropyltoluene

Concen: 54.48 ug/l

RT: 12.07 min Scan# 1883

Delta R.T. -0.00 min

Lab File: VX002417.D

Acq: 09 Jun 2018 10:48

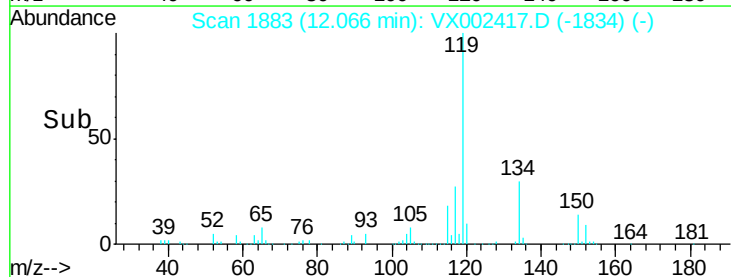
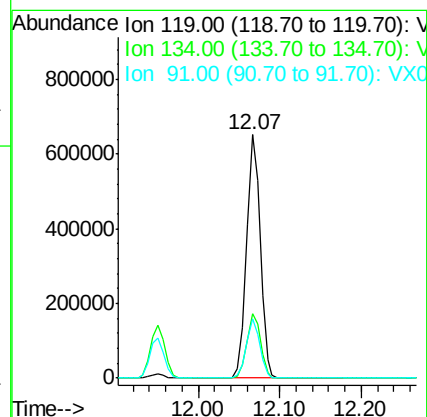
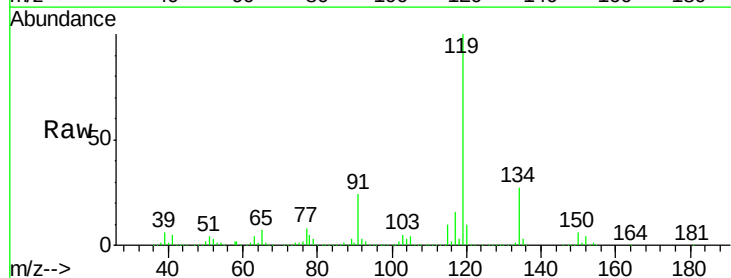
Tgt Ion:119 Resp: 746310

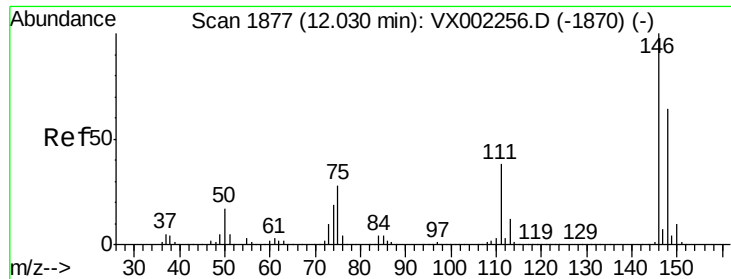
Ion Ratio Lower Upper

119 100

134 26.8 13.4 40.1

91 23.8 11.9 35.7





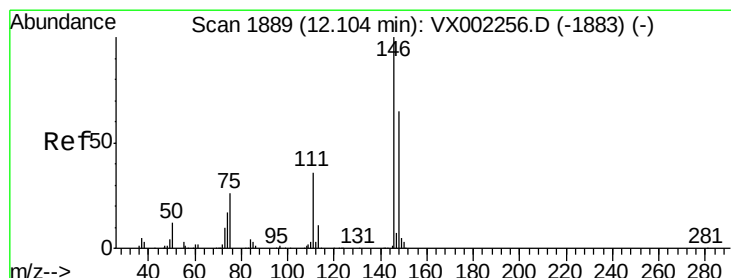
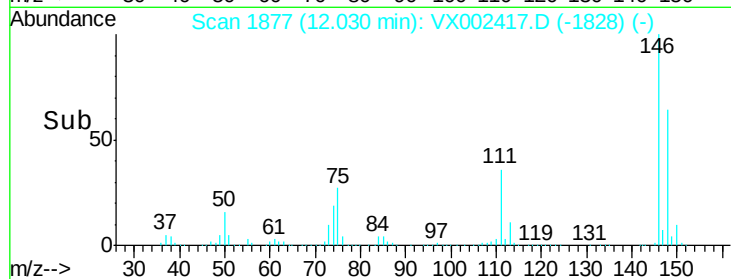
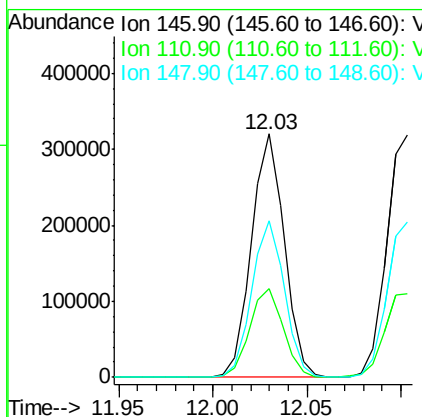
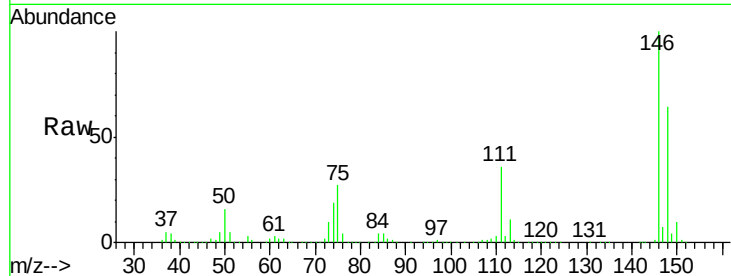
#87
 1,3-Dichlorobenzene
 Concen: 50.31 ug/l
 RT: 12.03 min Scan# 1877
 Delta R.T. -0.00 min
 Lab File: VX002417.D
 Acq: 09 Jun 2018 10:48

Instrument :
 MSVOA_X
 ClientSampled :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	36.9	18.9	56.7
148	63.9	32.1	96.3

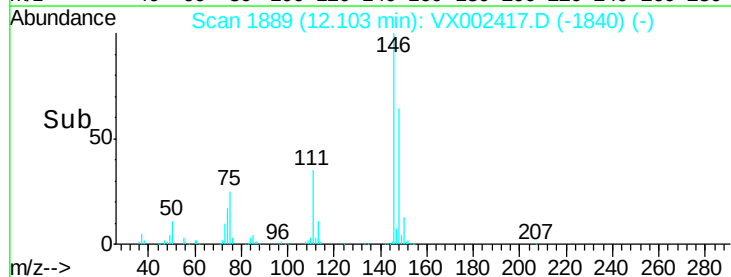
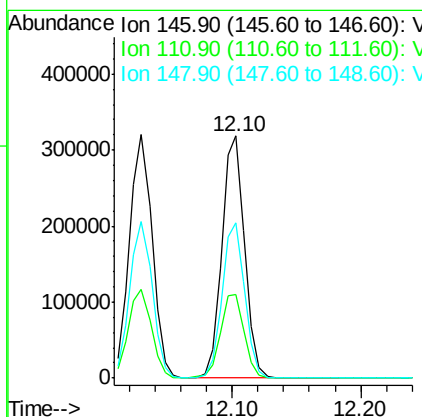
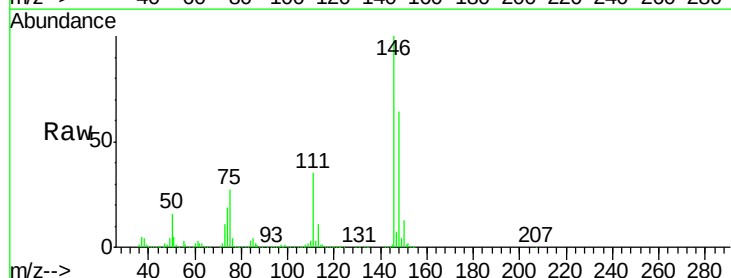
Manual Integrations
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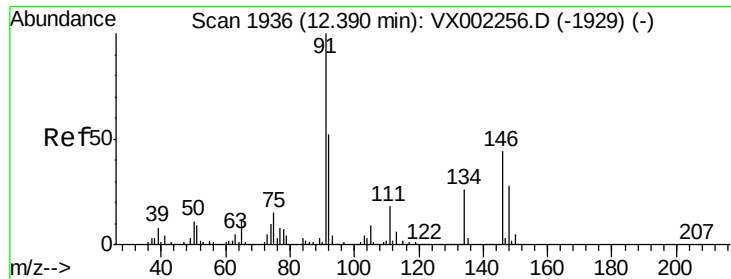
MMDadoda
 6/11/2018 2:32:51 PM



#88
 1,4-Dichlorobenzene
 Concen: 49.64 ug/l
 RT: 12.10 min Scan# 1889
 Delta R.T. -0.00 min
 Lab File: VX002417.D
 Acq: 09 Jun 2018 10:48

Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.3	18.7	56.1
148	64.2	32.4	97.0





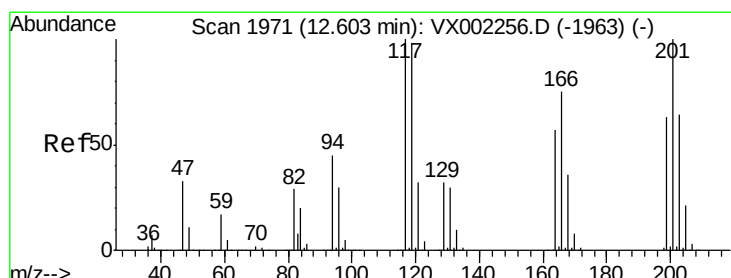
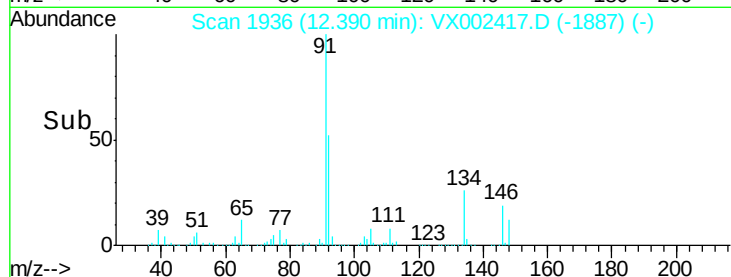
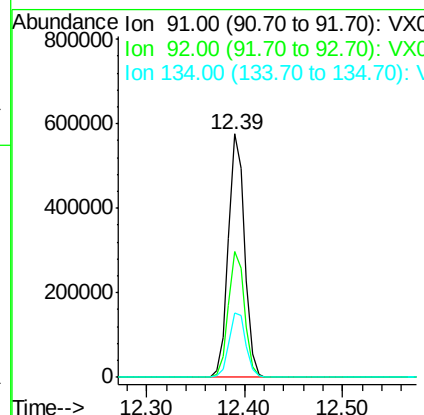
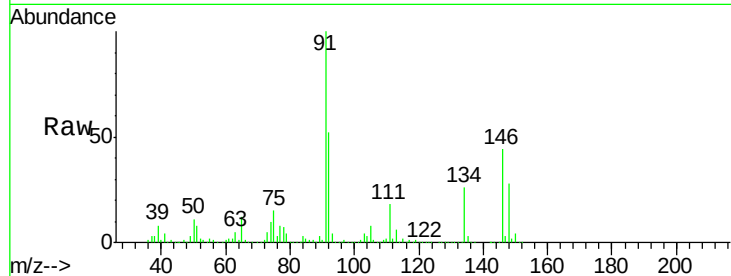
#89
n-Butylbenzene
Concen: 57.45 ug/l
RT: 12.39 min Scan# 1936
Delta R.T. -0.00 min
Lab File: VX002417.D
Acq: 09 Jun 2018 10:48

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
91	100		
92	52.0	26.0	78.0
134	27.5	13.5	40.5

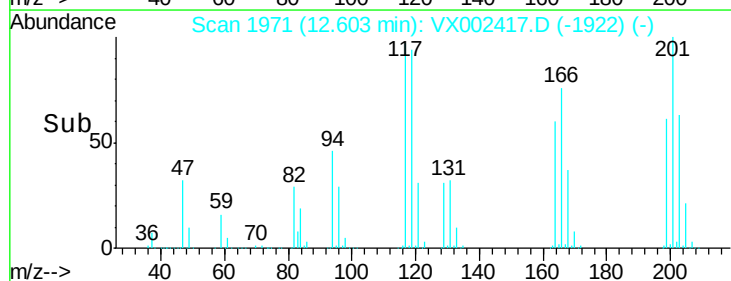
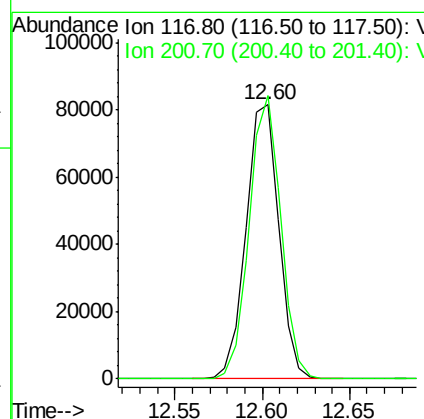
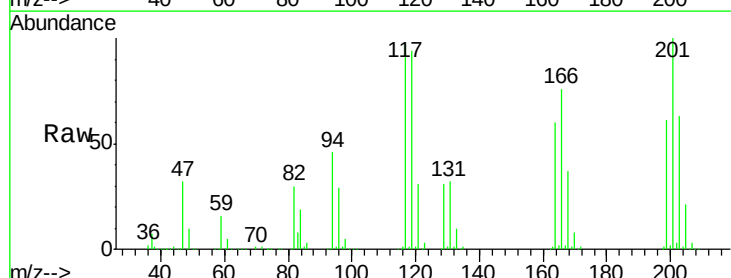
Manual Integrations
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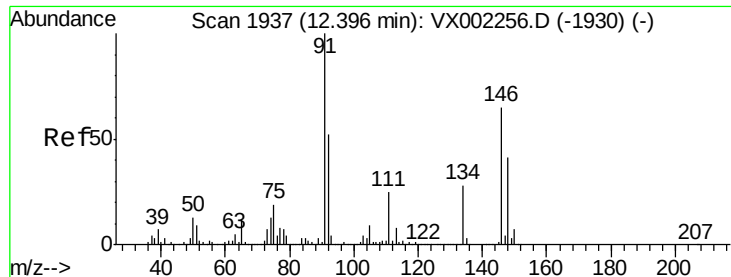
MMDadoda
6/11/2018 2:32:51 PM



#90
Hexachloroethane
Concen: 48.80 ug/l
RT: 12.60 min Scan# 1971
Delta R.T. -0.00 min
Lab File: VX002417.D
Acq: 09 Jun 2018 10:48

Tgt Ion	Ratio	Lower	Upper
117	100		
201	98.9	49.0	147.0





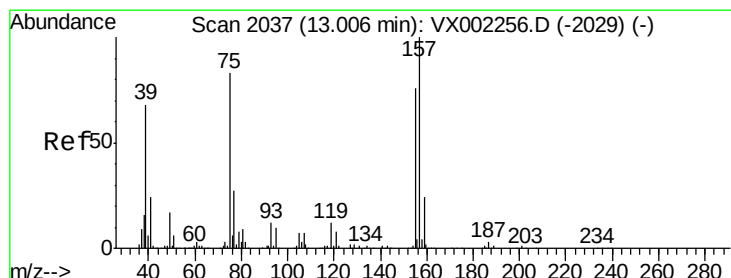
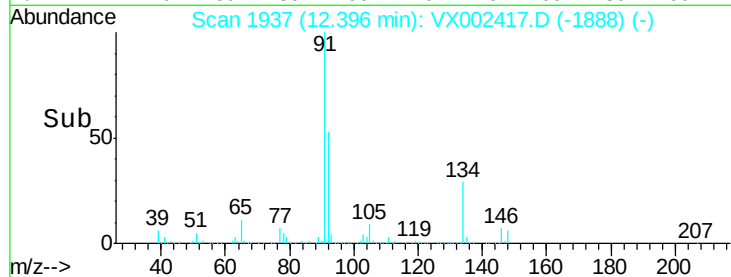
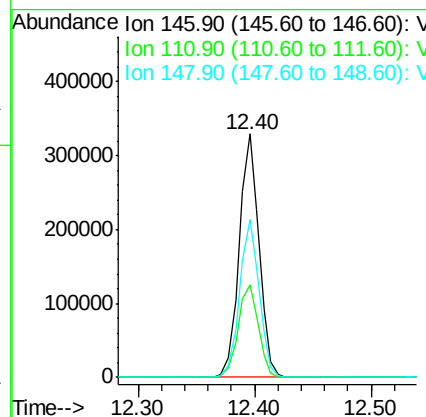
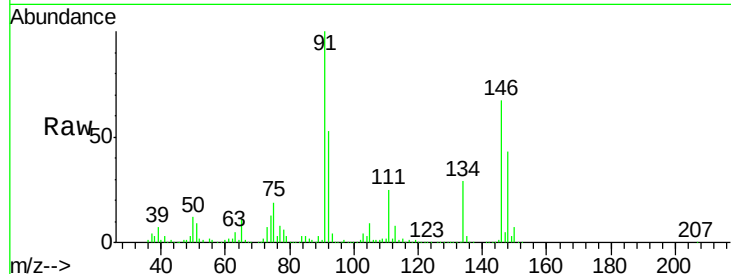
#91
 1,2-Dichlorobenzene
 Concen: 48.73 ug/l
 RT: 12.40 min Scan# 1937
 Delta R.T. -0.00 min
 Lab File: VX002417.D
 Acq: 09 Jun 2018 10:48

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.8	19.4	58.1
148	64.2	31.7	95.1

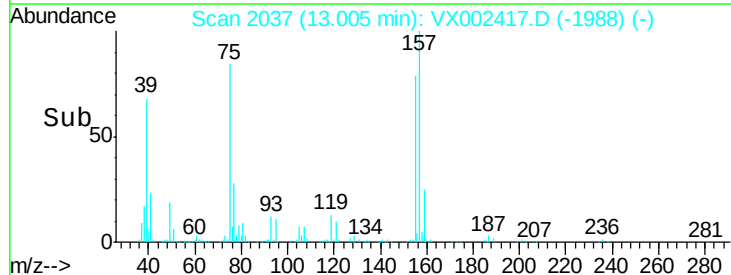
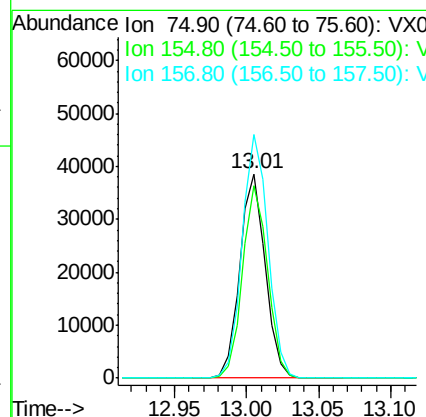
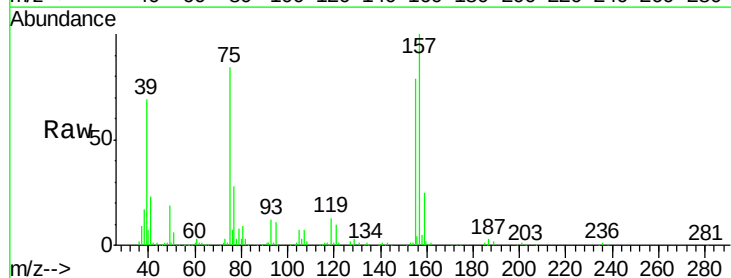
Manual Integrations
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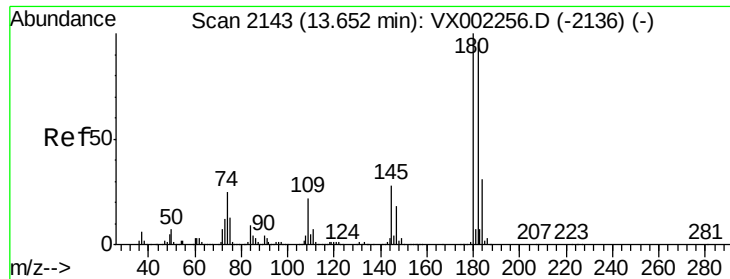
MMDadoda
 6/11/2018 2:32:51 PM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 44.94 ug/l
 RT: 13.01 min Scan# 2037
 Delta R.T. -0.00 min
 Lab File: VX002417.D
 Acq: 09 Jun 2018 10:48

Tgt Ion	Ratio	Lower	Upper
75	100		
155	92.8	45.8	137.4
157	120.6	60.1	180.3





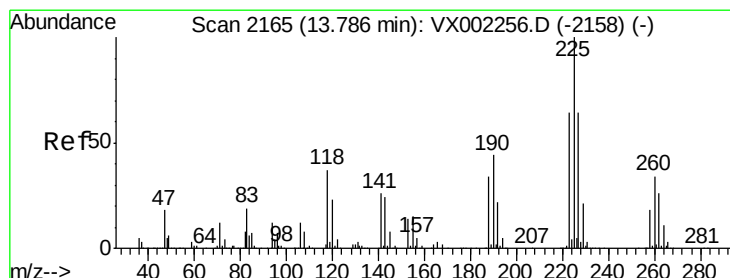
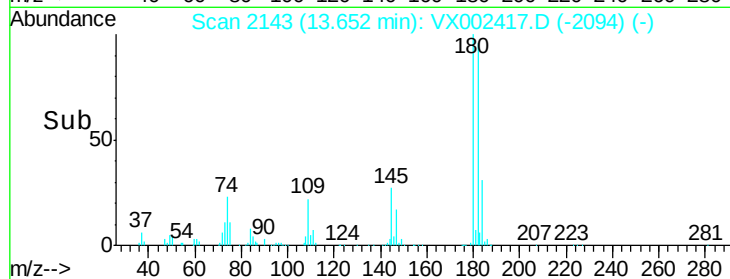
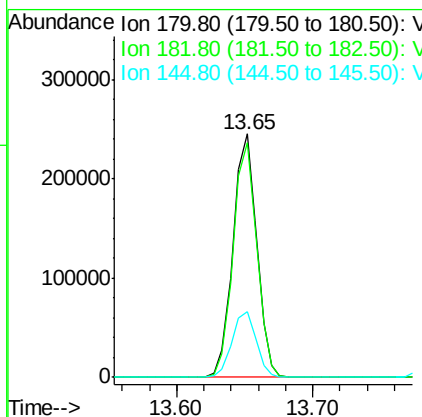
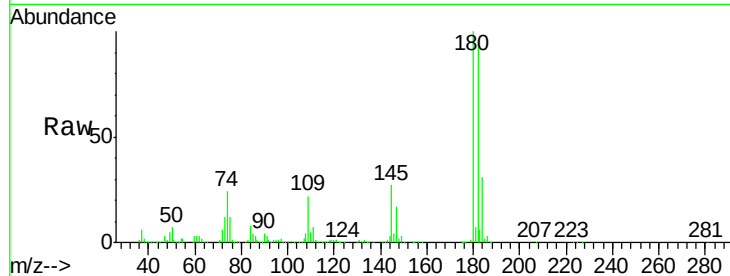
#93
 1,2,4-Trichlorobenzene
 Concen: 53.09 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. -0.00 min
 Lab File: VX002417.D
 Acq: 09 Jun 2018 10:48

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
180	100	297005		
182	96.3	47.7	143.1	
145	27.6	14.1	42.4	

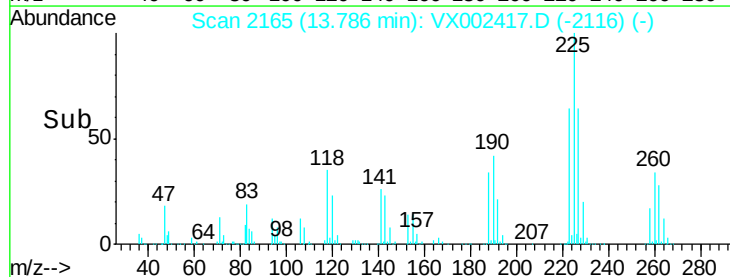
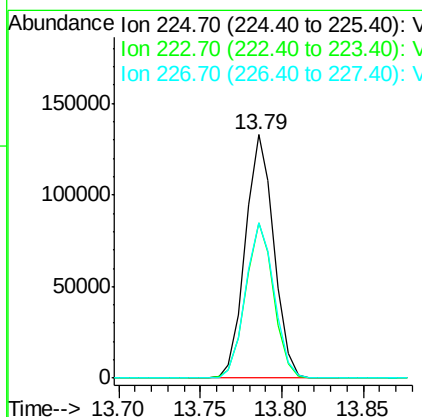
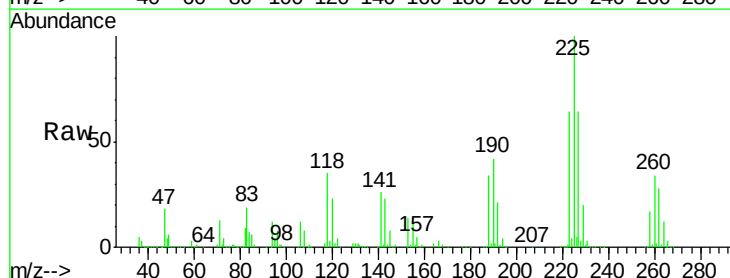
Manual Integrations
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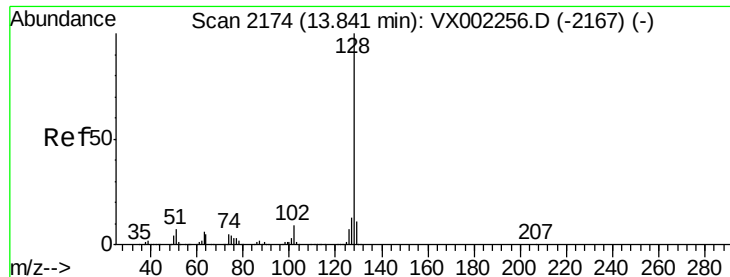
MMDadoda
 6/11/2018 2:32:51 PM



#94
 Hexachlorobutadiene
 Concen: 58.60 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. -0.00 min
 Lab File: VX002417.D
 Acq: 09 Jun 2018 10:48

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	161971		
223	62.6	31.6	95.0	
227	64.4	32.4	97.2	





#95

Naphthalene

Concen: 48.55 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. -0.00 min

Lab File: VX002417.D

Acq: 09 Jun 2018 10:48

Instrument :

MSVOA_X

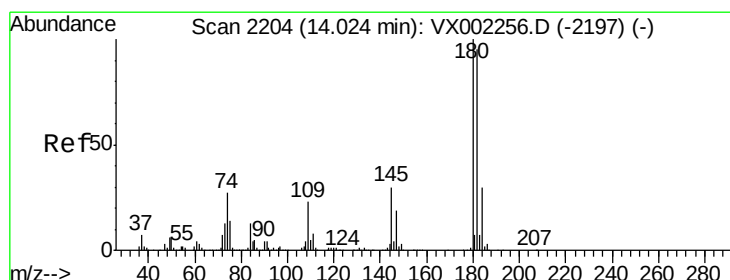
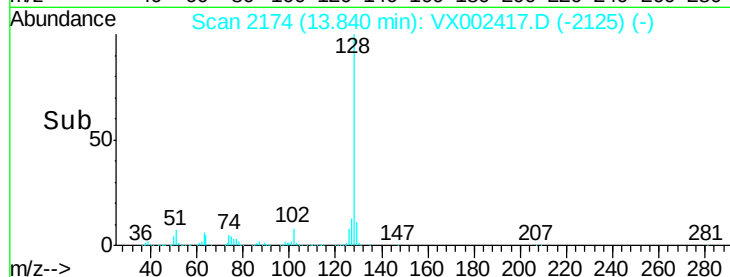
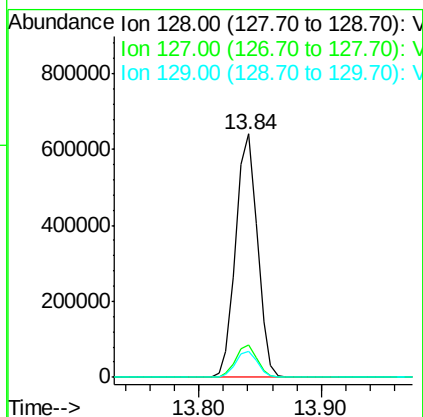
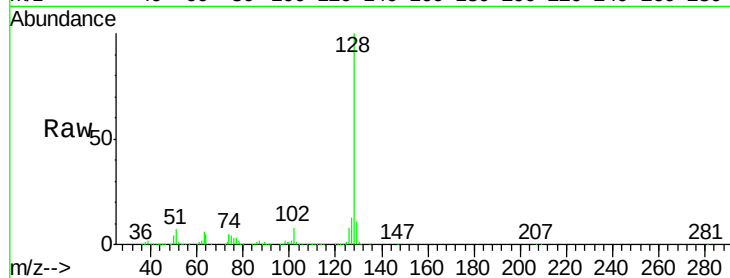
ClientSampleId :

VSTDCCC050

Tot Ion:	128	Resp:	780350
Ion Ratio	Lower	Upper	
128	100		
127	13.4	10.4	15.6
129	10.9	8.6	13.0

Manual Integrations
APPROVED

MMDadoda
6/11/2018 2:32:51 PM



#96

1,2,3-Trichlorobenzene

Concen: 51.90 ug/l

RT: 14.02 min Scan# 2204

Delta R.T. -0.00 min

Lab File: VX002417.D

Acq: 09 Jun 2018 10:48

Tgt Ion:	180	Resp:	296075
Ion Ratio	Lower	Upper	
180	100		
182	96.7	48.0	144.0
145	29.6	14.8	44.3

