

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061118\
 Data File : VX002445.D
 Acq On : 11 Jun 2018 16:15
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 6/11/2018 5:07:02 PM

Quant Time: Jun 11 16:55:04 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	207817	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	307449	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	301854	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	196023	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	63877	19.38	ug/l	0.00
Spiked Amount			Recovery	=	38.76%	
35) Dibromofluoromethane	5.51	113	48525	20.07	ug/l	0.00
Spiked Amount			Recovery	=	40.14%	
50) Toluene-d8	8.72	98	174901	18.87	ug/l	0.00
Spiked Amount			Recovery	=	37.74%	
62) 4-Bromofluorobenzene	11.14	95	68772	19.24	ug/l	0.00
Spiked Amount			Recovery	=	38.48%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	96173	44.52	ug/l	99
3) Chloromethane	1.32	50	113861	45.75	ug/l	98
4) Vinyl Chloride	1.41	62	127453	46.81	ug/l	100
5) Bromomethane	1.64	94	79380	51.63	ug/l	99
6) Chloroethane	1.72	64	87763	49.83	ug/l	99
7) Trichlorofluoromethane	1.93	101	217371	52.40	ug/l	99
8) Diethyl Ether	2.19	74	87636	59.92	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.39	101	121943	54.47	ug/l	99
10) Methyl Iodide	2.51	142	129739	41.20	ug/l	99
11) Tert butyl alcohol	3.08	59	177332	294.70	ug/l	99
12) 1,1-Dichloroethene	2.37	96	110147	49.79	ug/l	99
13) Acrolein	2.29	56	76412	259.32	ug/l	99
14) Allyl chloride	2.73	41	236408	49.24	ug/l	98
15) Acrylonitrile	3.15	53	382682	304.68	ug/l	99
16) Acetone	2.45	43	397626	316.18	ug/l	99
17) Carbon Disulfide	2.57	76	256649	44.01	ug/l	99
18) Methyl Acetate	2.78	43	186672	63.43	ug/l	99
19) Methyl tert-butyl Ether	3.21	73	470080	61.57	ug/l	99
20) Methylene Chloride	2.86	84	137525	59.03	ug/l	97
21) trans-1,2-Dichloroethene	3.17	96	121850	49.94	ug/l	96
22) Diisopropyl ether	3.87	45	433558	54.18	ug/l	93
23) Vinyl Acetate	3.83	43	1916881	246.28	ug/l	99
24) 1,1-Dichloroethane	3.70	63	246556	51.96	ug/l	100
25) 2-Butanone	4.71	43	511283	250.92	ug/l	100
26) 2,2-Dichloropropane	4.59	77	169294	45.64	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	130264	49.10	ug/l	94
28) Bromochloromethane	5.03	49	115386	57.72	ug/l	99
29) Tetrahydrofuran	5.17	42	327096	248.98	ug/l	100
30) Chloroform	5.22	83	230773	50.40	ug/l	96
31) Cyclohexane	5.58	56	176483	47.03	ug/l	96
32) 1,1,1-Trichloroethane	5.50	97	189901	48.90	ug/l	99
36) 1,1-Dichloropropene	5.81	75	152311	47.12	ug/l	100
37) Ethyl Acetate	4.87	43	200685	51.63	ug/l	100
38) Carbon Tetrachloride	5.79	117	163839	48.45	ug/l	99

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 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	182697	45.77	ug/l	99
40) Benzene	6.15	78	482103	48.65	ug/l	100
41) Methacrylonitrile	5.07	41	113449	50.98	ug/l	99
42) 1,2-Dichloroethane	6.20	62	199942	50.78	ug/l	100
43) Isopropyl Acetate	6.47	43	333824	50.56	ug/l	100
44) Trichloroethene	7.21	130	134978	49.07	ug/l	98
45) 1,2-Dichloropropane	7.52	63	132775	49.63	ug/l	99
46) Dibromomethane	7.67	93	90933	50.14	ug/l	99
47) Bromodichloromethane	7.90	83	169184	51.58	ug/l	97
48) Methyl methacrylate	7.78	41	170156	51.31	ug/l	99
49) 1,4-Dioxane	7.76	88	63642	1026.36	ug/l	100
51) 4-Methyl-2-Pentanone	8.65	43	1077254	262.01	ug/l	99
52) Toluene	8.79	92	309721	49.14	ug/l	99
53) t-1,3-Dichloropropene	8.44	75	203054	51.62	ug/l	100
54) cis-1,3-Dichloropropene	9.04	75	191256	51.53	ug/l	98
55) 1,1,2-Trichloroethane	9.22	97	136744	52.75	ug/l	99
56) Ethyl methacrylate	9.18	69	213609	51.61	ug/l	100
57) 1,3-Dichloropropane	9.38	76	225325	51.81	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.32	63	501442	261.76	ug/l	99
59) 2-Hexanone	9.50	43	828860	261.00	ug/l	98
60) Dibromochloromethane	9.59	129	143554	55.05	ug/l	99
61) 1,2-Dibromoethane	9.68	107	142776	52.82	ug/l	100
64) Tetrachloroethene	9.34	164	142647	45.82	ug/l	99
65) Chlorobenzene	10.14	112	364336	48.51	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.23	131	139764	51.39	ug/l	99
67) Ethyl Benzene	10.26	91	616298	49.03	ug/l	99
68) m/p-Xylenes	10.36	106	480431	98.32	ug/l	100
69) o-Xylene	10.70	106	237878	48.92	ug/l	100
70) Styrene	10.71	104	403031	50.70	ug/l	99
71) Bromoform	10.86	173	112302	46.38	ug/l	99
73) Isopropylbenzene	11.02	105	639846	46.92	ug/l	100
74) N-amyl acetate	6.47	43	333824	45.43	ug/l #	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	209009	48.73	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	182545m	42.44	ug/l	
77) Bromobenzene	11.26	156	179511	46.89	ug/l	98
78) n-propylbenzene	11.37	91	734004	48.43	ug/l	100
79) 2-Chlorotoluene	11.43	91	437175	45.68	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	551009	47.11	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	57920	47.20	ug/l	97
82) 4-Chlorotoluene	11.51	91	520707	47.14	ug/l	99
83) tert-Butylbenzene	11.77	119	546990	48.03	ug/l	98
84) 1,2,4-Trimethylbenzene	11.81	105	569642	47.31	ug/l	99
85) sec-Butylbenzene	11.95	105	659272	49.38	ug/l	100
86) p-Isopropyltoluene	12.07	119	603663	49.63	ug/l	100
87) 1,3-Dichlorobenzene	12.03	146	327970	47.91	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	332919	47.19	ug/l	99
89) n-Butylbenzene	12.39	91	527308	51.70	ug/l	100
90) Hexachloroethane	12.60	117	90849	46.79	ug/l	100
91) 1,2-Dichlorobenzene	12.40	146	340409	48.07	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.01	75	47750	50.91	ug/l	99

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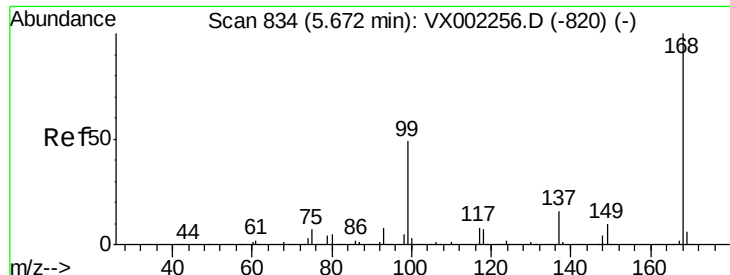
Manual Integrations
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6/11/2018 5:07:02 PM

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	248020	49.94	ug/l	100
94) Hexachlorobutadiene	13.79	225	131802	53.71	ug/l	98
95) Naphthalene	13.84	128	723010	50.67	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	254972	50.34	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 834

Delta R.T. -0.00 min

Lab File: VX002445.D

Acq: 11 Jun 2018 16:15

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:168 Resp: 207817

Ion Ratio Lower Upper

168 100

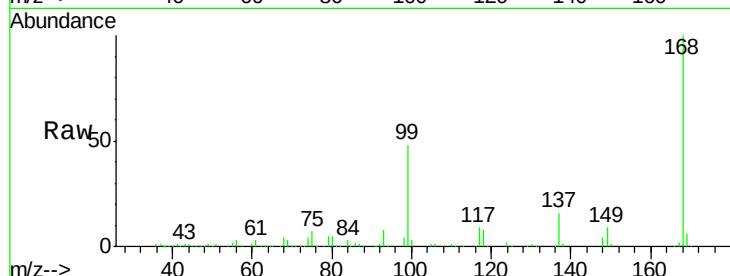
99 48.2 39.3 58.9

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

80000

60000

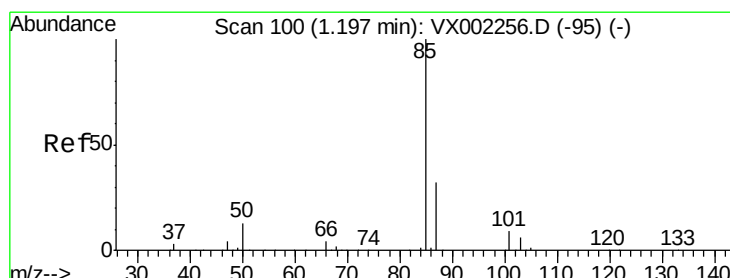
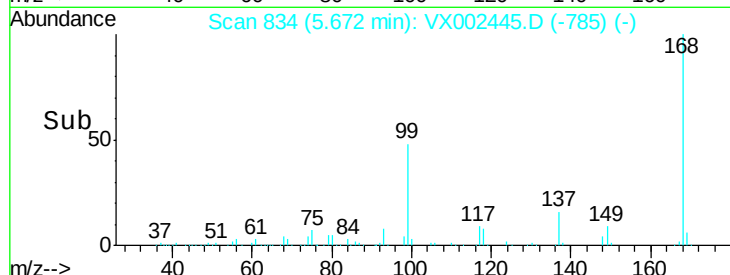
40000

20000

0

5.60 5.70 5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 44.52 ug/l

RT: 1.20 min Scan# 100

Delta R.T. -0.00 min

Lab File: VX002445.D

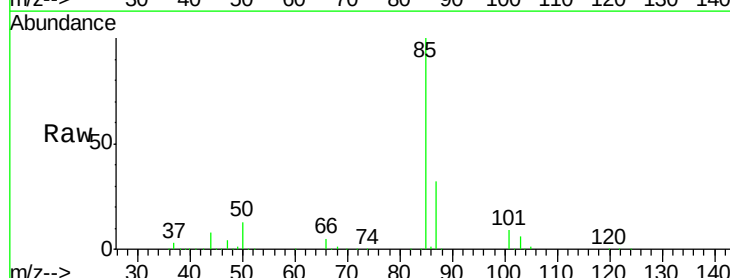
Acq: 11 Jun 2018 16:15

Tgt Ion: 85 Resp: 96173

Ion Ratio Lower Upper

85 100

87 32.5 16.0 47.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

120000

100000

80000

60000

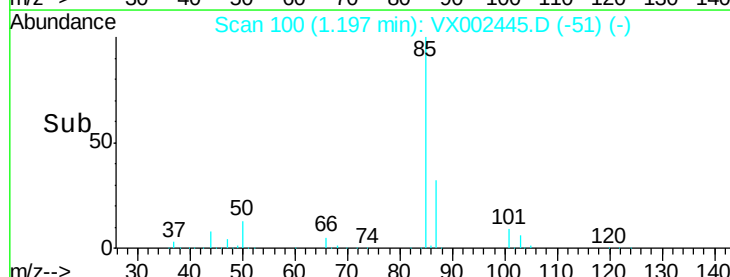
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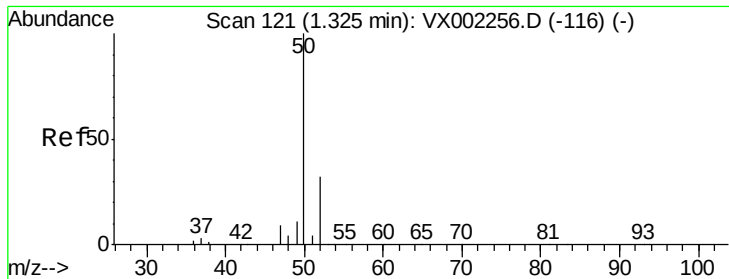
20000

0

1.10 1.20 1.30

Time-->





#3

Chloromethane

Concen: 45.75 ug/l

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX002445.D

Acq: 11 Jun 2018 16:15

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 50 Resp: 113861

Ion Ratio Lower Upper

50 100

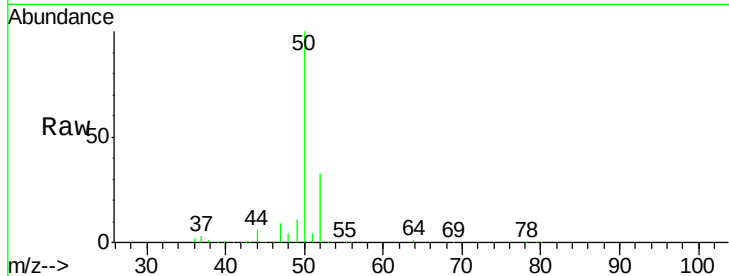
52 33.1 25.7 38.5

Manual Integrations

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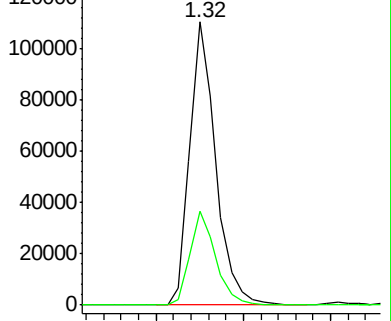
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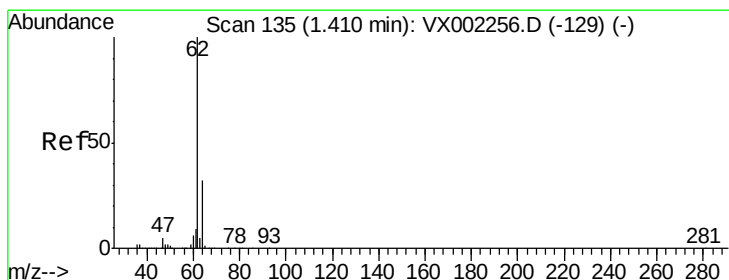
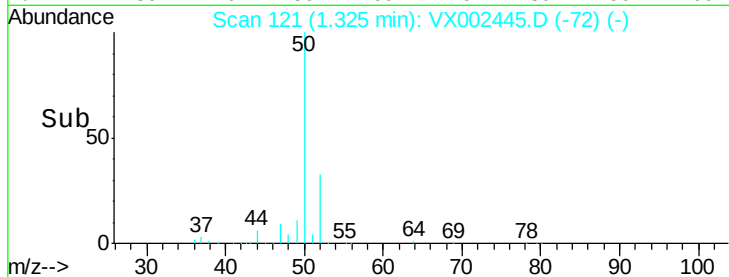


Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



Time-->



#4

Vinyl Chloride

Concen: 46.81 ug/l

RT: 1.41 min Scan# 135

Delta R.T. -0.00 min

Lab File: VX002445.D

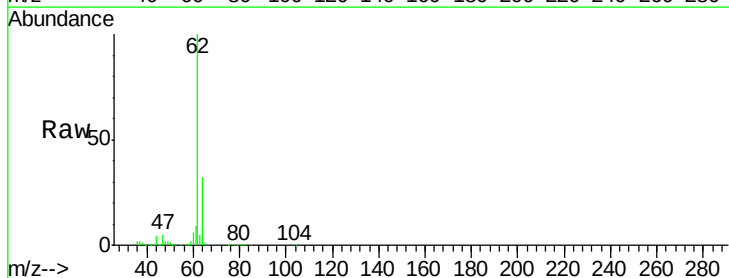
Acq: 11 Jun 2018 16:15

Tgt Ion: 62 Resp: 127453

Ion Ratio Lower Upper

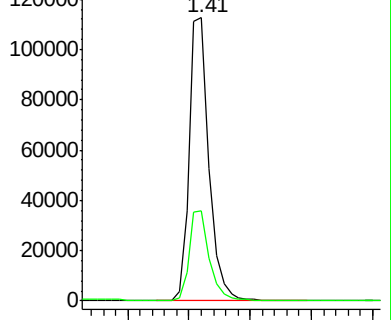
62 100

64 31.9 25.4 38.2

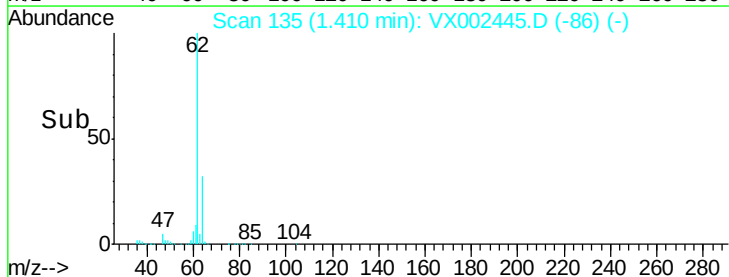


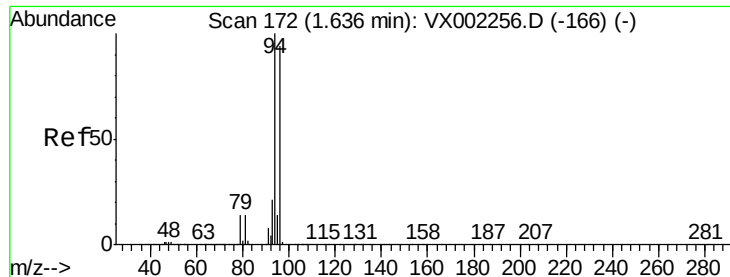
Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0



Time-->





#5

Bromomethane

Concen: 51.63 ug/l

RT: 1.64 min Scan# 172

Delta R.T. 0.00 min

Lab File: VX002445.D

Acq: 11 Jun 2018 16:15

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 94 Resp: 79380

Ion Ratio Lower Upper

94 100

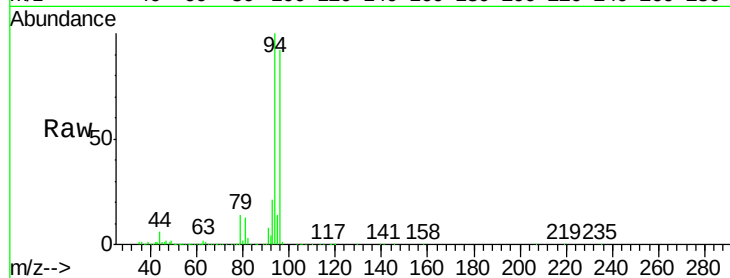
96 92.2 74.9 112.3

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Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.64

80000

60000

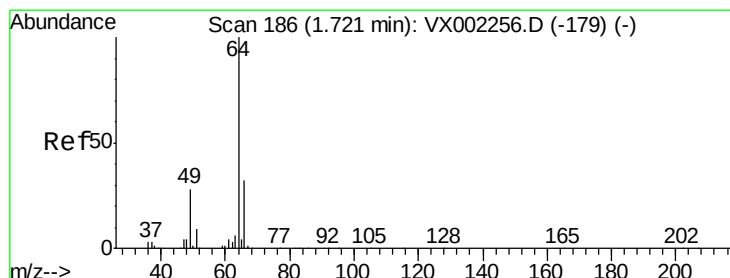
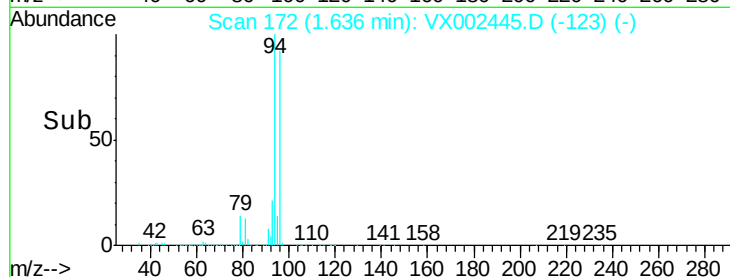
40000

20000

0

Time-->

1.60 1.65 1.70



#6

Chloroethane

Concen: 49.83 ug/l

RT: 1.72 min Scan# 186

Delta R.T. -0.00 min

Lab File: VX002445.D

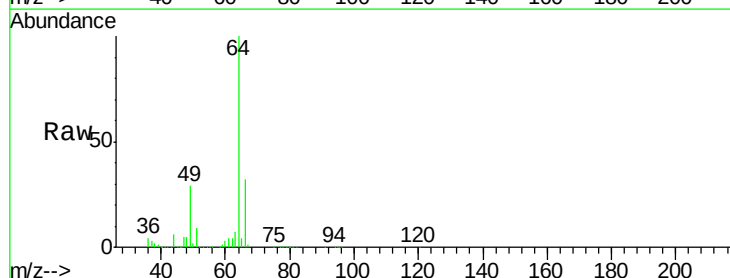
Acq: 11 Jun 2018 16:15

Tgt Ion: 64 Resp: 87763

Ion Ratio Lower Upper

64 100

66 32.5 25.5 38.3



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

1.72

60000

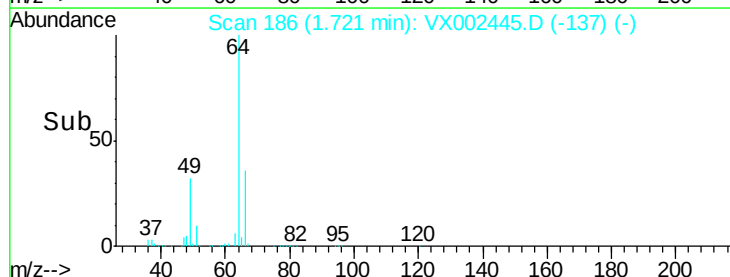
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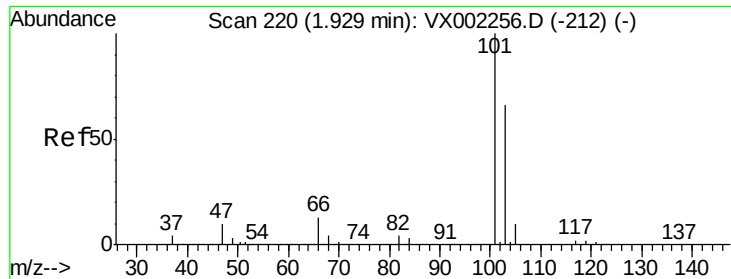
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Time-->

1.65 1.70 1.75 1.80





#7

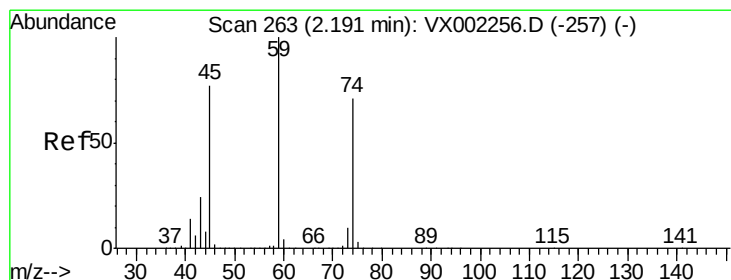
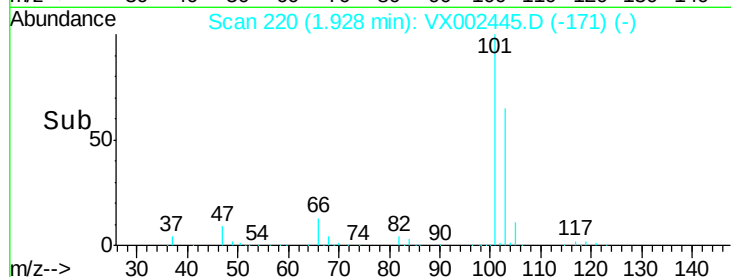
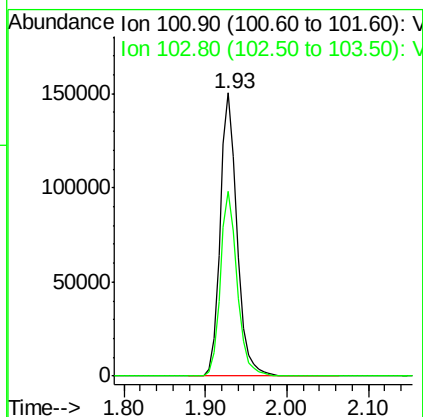
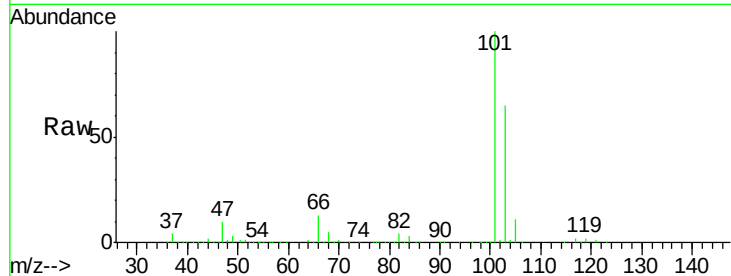
Trichlorofluoromethane
Concen: 52.40 ug/l
RT: 1.93 min Scan# 220
Delta R.T. -0.00 min
Lab File: VX002445.D
Acq: 11 Jun 2018 16:15

Instrument :
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ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
101	100		
103	65.4	52.8	79.2

Manual Integrations
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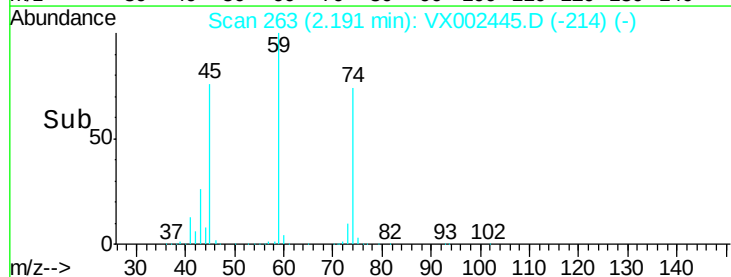
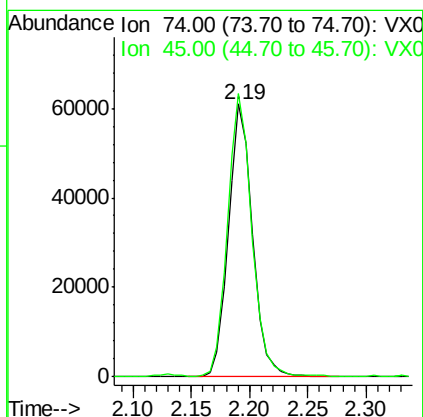
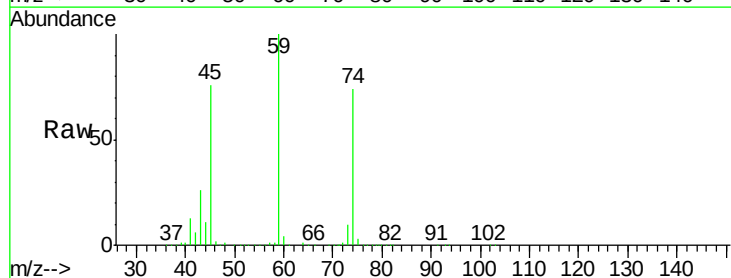
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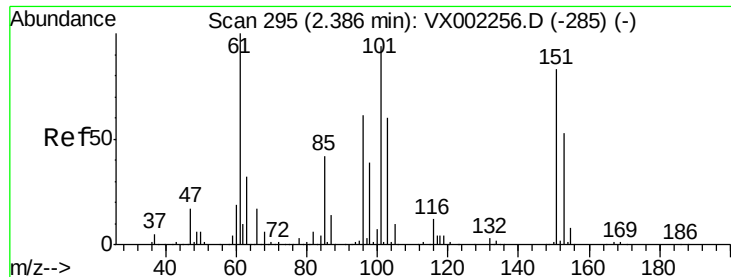


#8

Diethyl Ether
Concen: 59.92 ug/l
RT: 2.19 min Scan# 263
Delta R.T. 0.00 min
Lab File: VX002445.D
Acq: 11 Jun 2018 16:15

Tgt Ion	Ratio	Lower	Upper
74	100		
45	103.7	53.1	159.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 54.47 ug/l

RT: 2.39 min Scan# 295

Delta R.T. -0.00 min

Lab File: VX002445.D

Acq: 11 Jun 2018 16:15

Instrument :

MSVOA_X

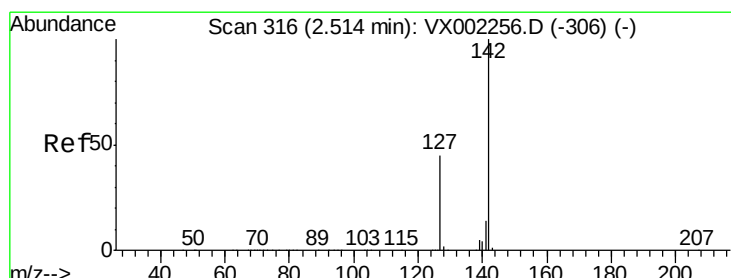
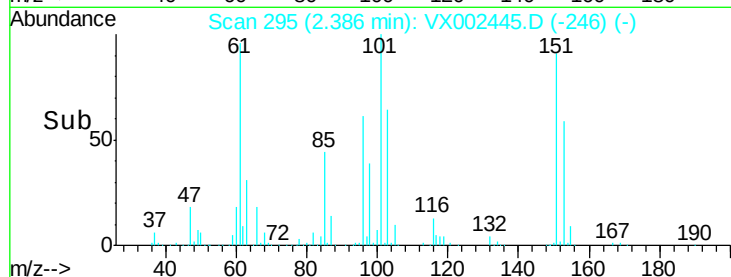
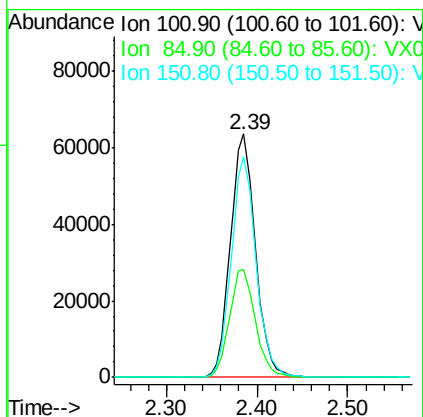
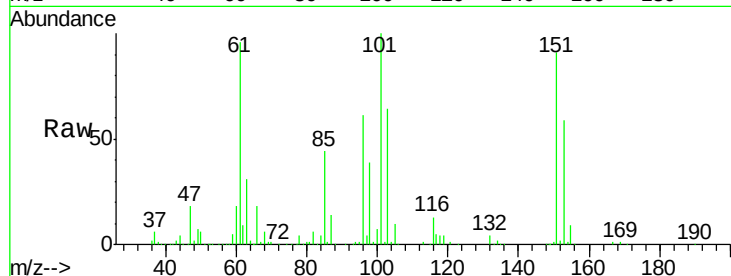
ClientSampleId :

VSTDCCC050EC

Tot Ion:	101	Resp:	121943
Ion Ratio	Lower	Upper	
101	100		
85	45.5	36.0	54.0
151	90.0	70.9	106.3

Manual Integrations
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#10

Methyl Iodide

Concen: 41.20 ug/l

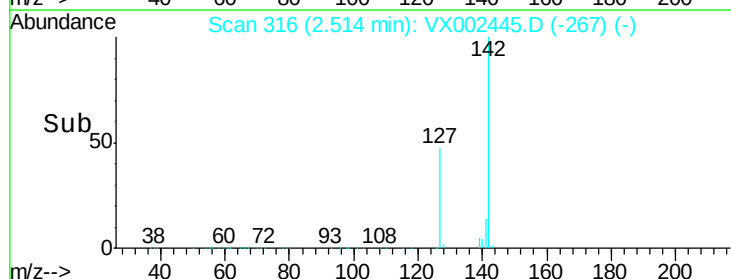
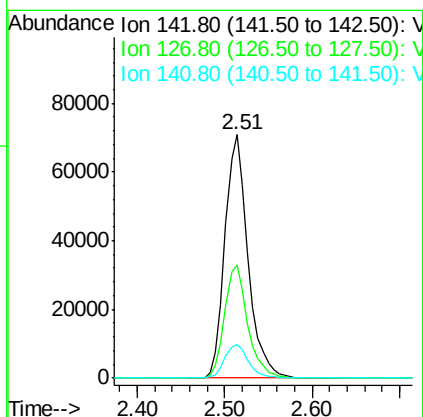
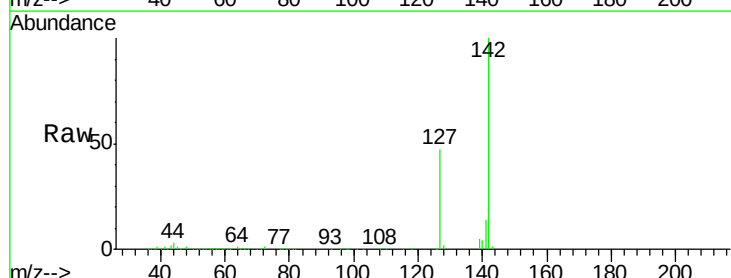
RT: 2.51 min Scan# 316

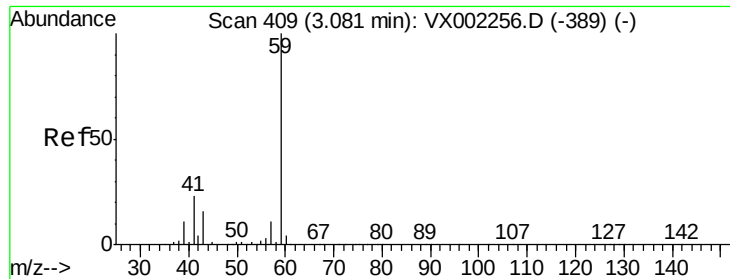
Delta R.T. -0.00 min

Lab File: VX002445.D

Acq: 11 Jun 2018 16:15

Tgt Ion:	142	Resp:	129739
Ion Ratio	Lower	Upper	
142	100		
127	46.6	36.6	55.0
141	14.4	11.3	16.9





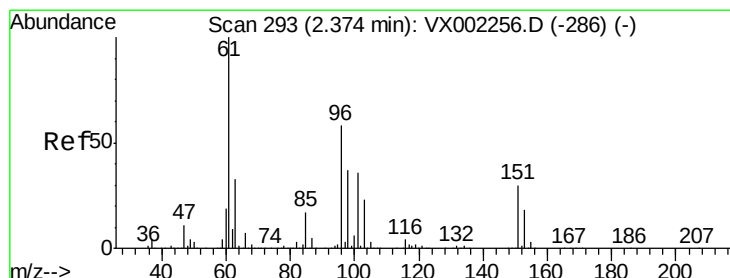
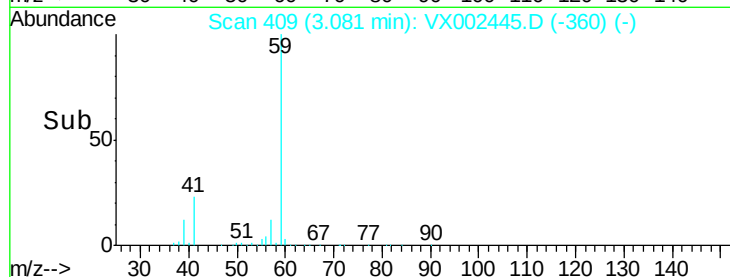
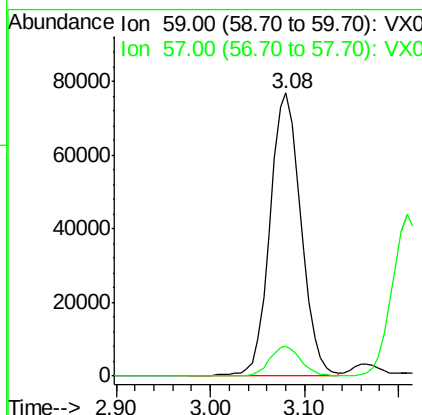
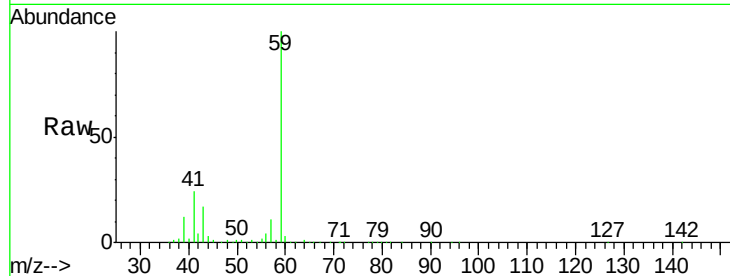
#11
Tert butyl alcohol
Concen: 294.70 ug/l
RT: 3.08 min Scan# 409
Delta R.T. 0.00 min
Lab File: VX002445.D
Acq: 11 Jun 2018 16:15

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	59	57	Ratio	100	10.6	Resp	177332	Lower	8.2	Upper	12.2
Ion											

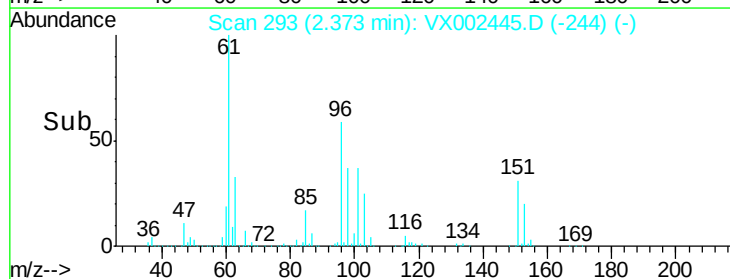
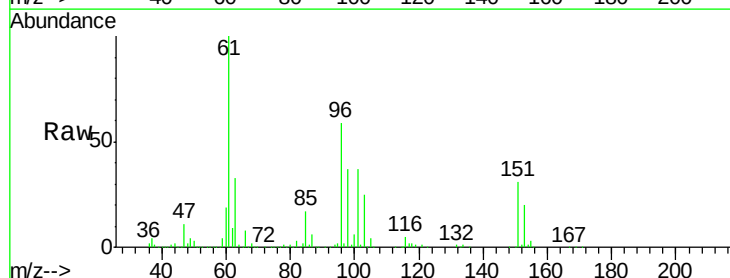
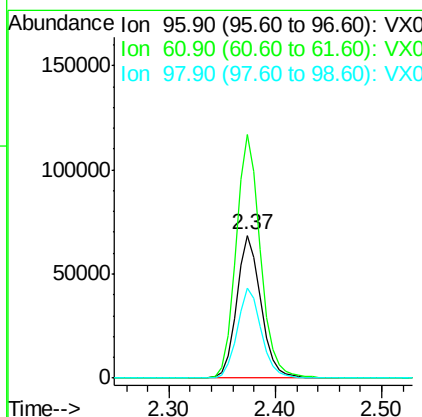
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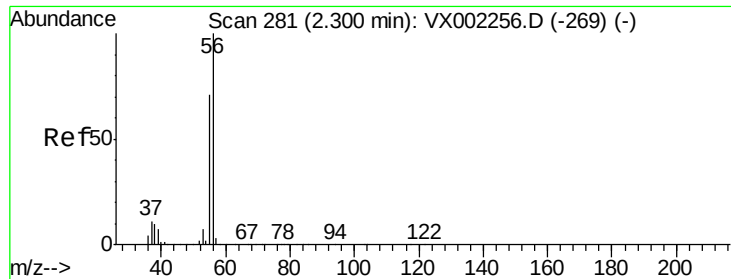
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#12
1,1-Dichloroethene
Concen: 49.79 ug/l
RT: 2.37 min Scan# 293
Delta R.T. -0.00 min
Lab File: VX002445.D
Acq: 11 Jun 2018 16:15

Tgt Ion	96	61	98	Ratio	100	170.6	63.2	Resp	110147	Lower	137.9	Upper	206.9	77.4
Ion														





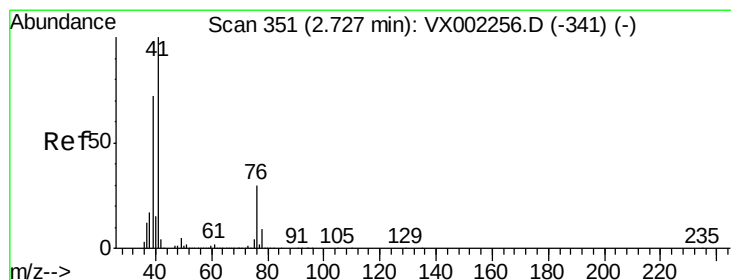
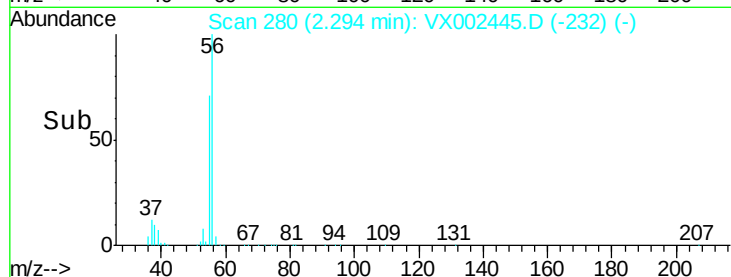
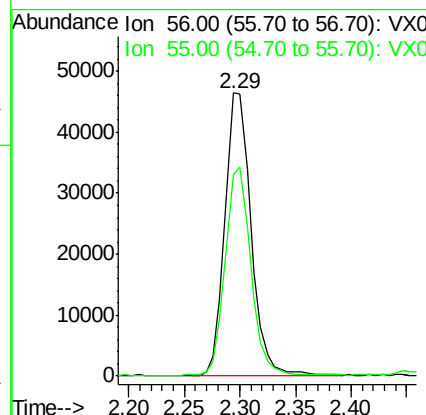
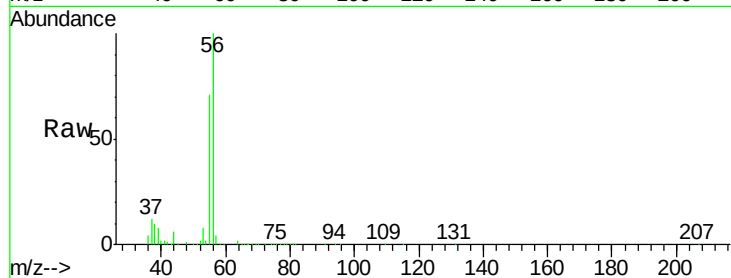
#13
 Acrolein
 Concen: 259.32 ug/l
 RT: 2.29 min Scan# 280
 Delta R.T. -0.01 min
 Lab File: VX002445.D
 Acq: 11 Jun 2018 16:15

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ion	Ratio	Lower	Upper
56	100			
55	72.0	57.0	85.4	

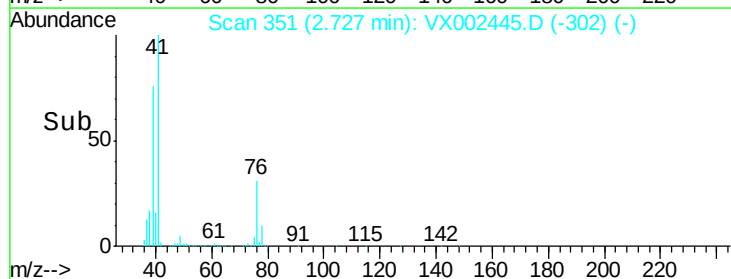
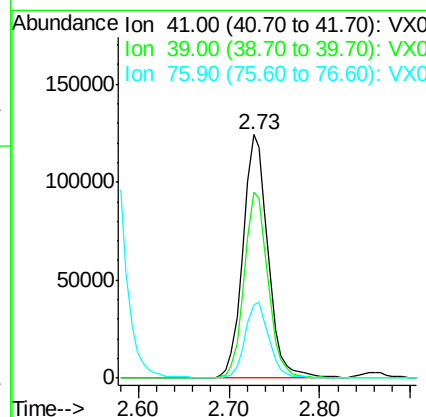
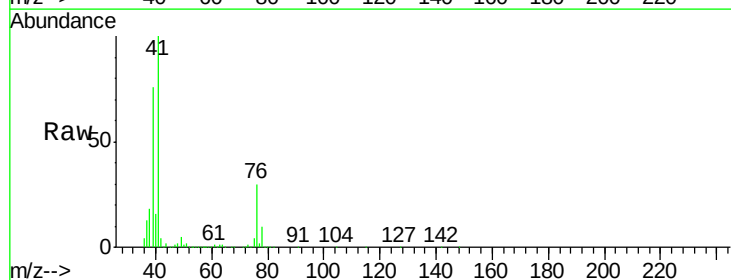
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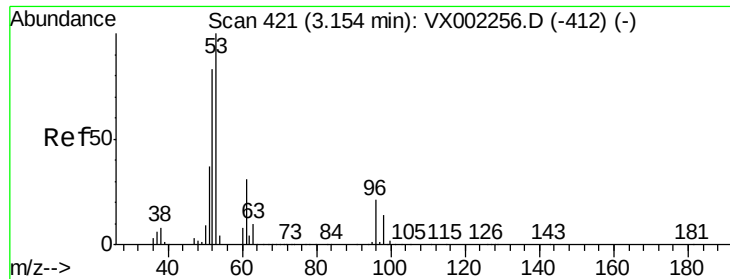
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#14
 Allyl chloride
 Concen: 49.24 ug/l
 RT: 2.73 min Scan# 351
 Delta R.T. -0.00 min
 Lab File: VX002445.D
 Acq: 11 Jun 2018 16:15

Tgt Ion	Ion	Ratio	Lower	Upper
41	100			
39	72.7	56.8	85.2	
76	30.0	23.8	35.8	





#15

Acrylonitrile

Concen: 304.68 ug/l

RT: 3.15 min Scan# 421

Delta R.T. 0.00 min

Lab File: VX002445.D

Acq: 11 Jun 2018 16:15

Instrument :

MSVOA_X

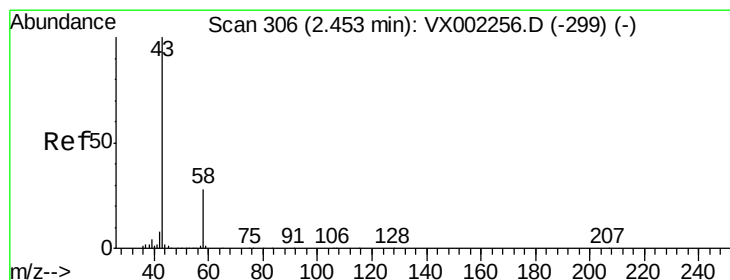
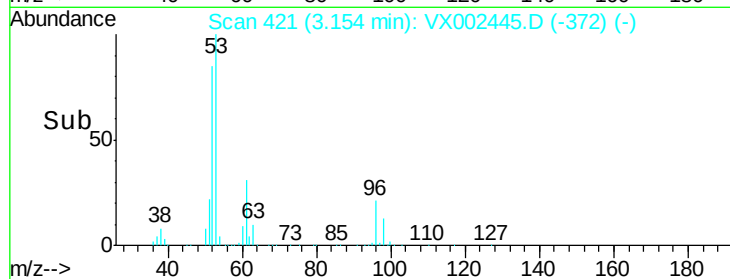
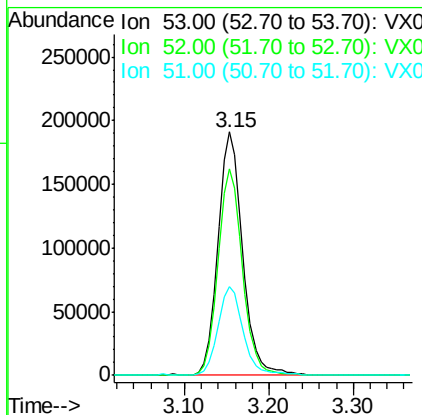
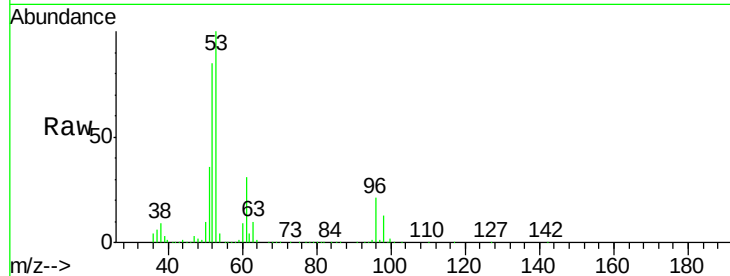
ClientSampleId :

VSTDCCC050EC

Tot Ion:	53	Resp:	382682
Ion Ratio	Lower	Upper	
53	100		
52	84.6	66.7	100.1
51	37.5	29.9	44.9

Manual Integrations
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#16

Acetone

Concen: 316.18 ug/l

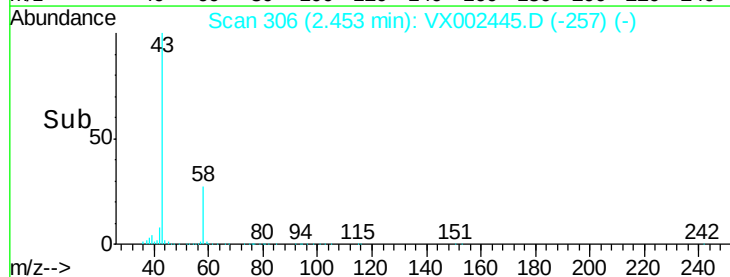
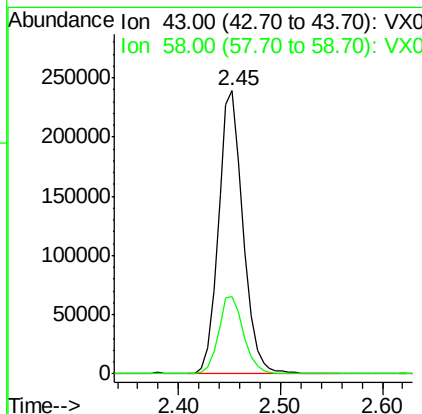
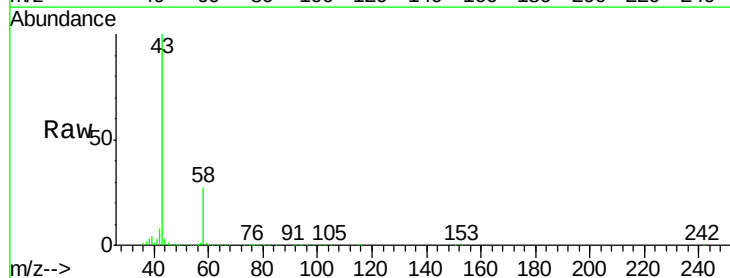
RT: 2.45 min Scan# 306

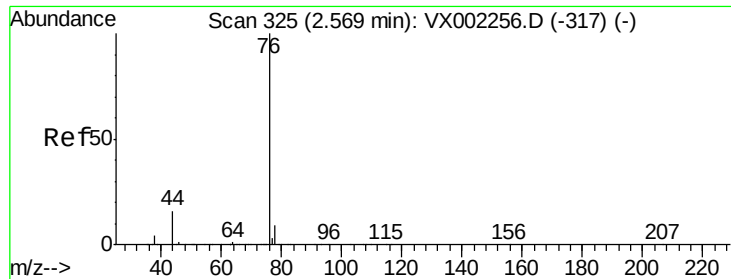
Delta R.T. 0.00 min

Lab File: VX002445.D

Acq: 11 Jun 2018 16:15

Tgt Ion:	43	Resp:	397626
Ion Ratio	Lower	Upper	
43	100		
58	27.2	22.1	33.1





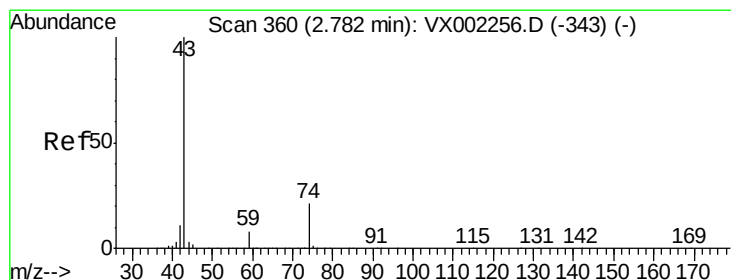
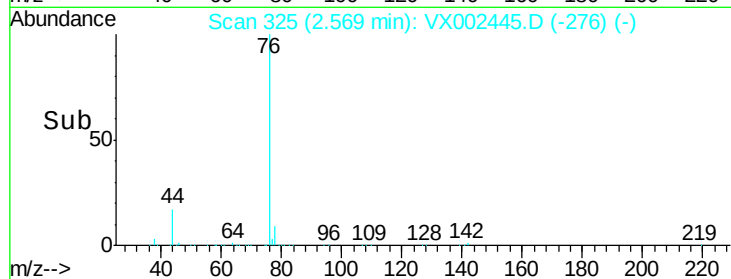
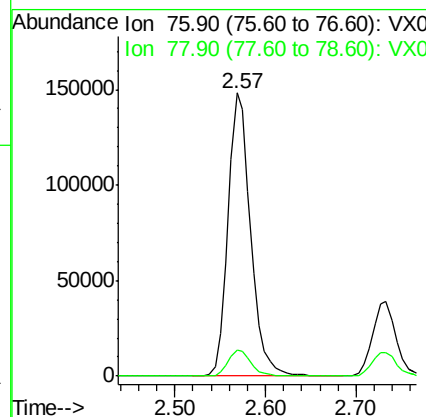
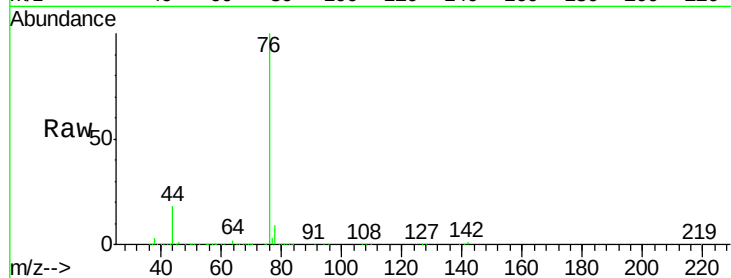
#17
Carbon Disulfide
Concen: 44.01 ug/l
RT: 2.57 min Scan# 325
Delta R.T. -0.00 min
Lab File: VX002445.D
Acq: 11 Jun 2018 16:15

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.1	6.9	10.3

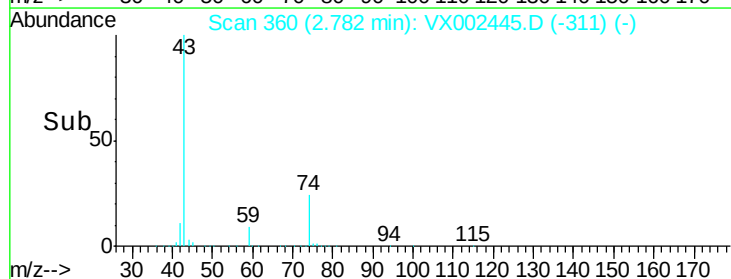
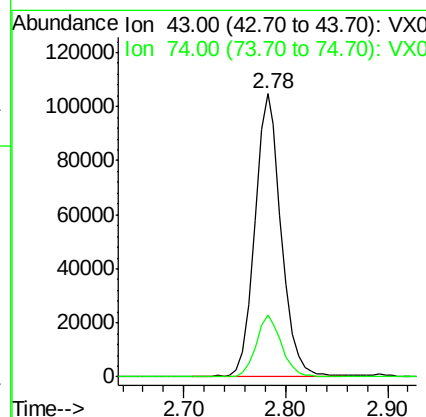
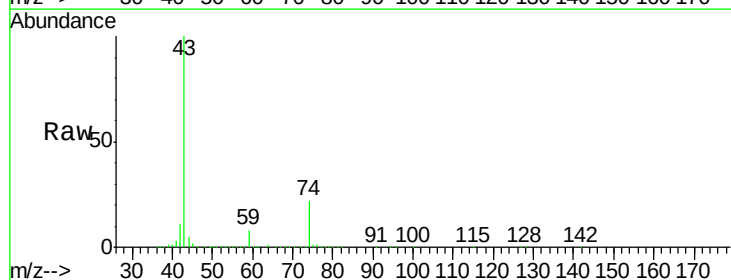
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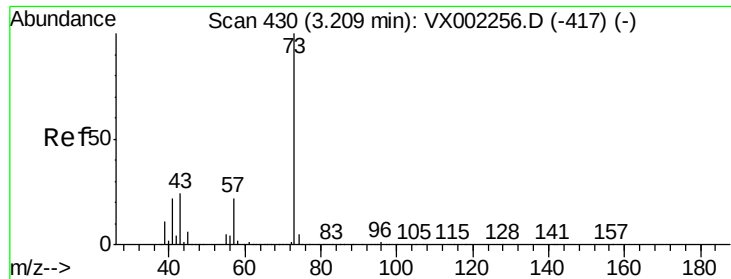
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#18
Methyl Acetate
Concen: 63.43 ug/l
RT: 2.78 min Scan# 360
Delta R.T. -0.00 min
Lab File: VX002445.D
Acq: 11 Jun 2018 16:15

Tgt Ion	Ratio	Lower	Upper
43	100		
74	21.3	16.7	25.1





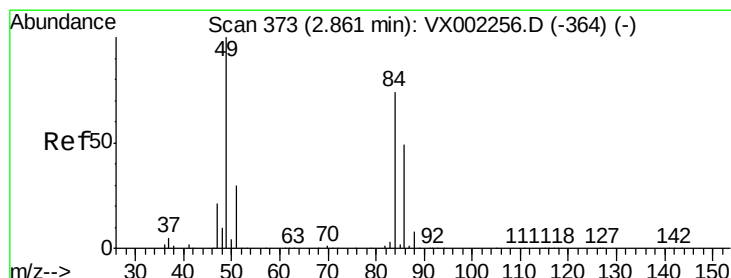
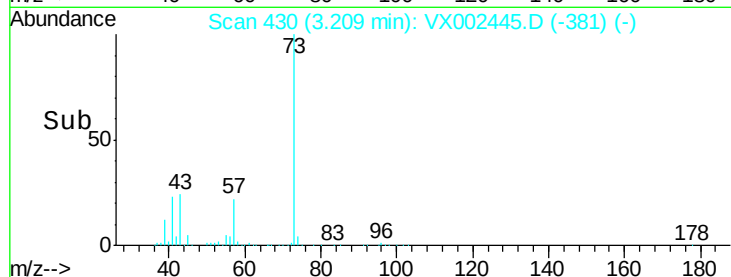
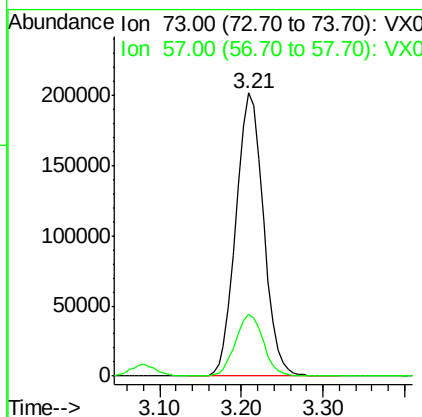
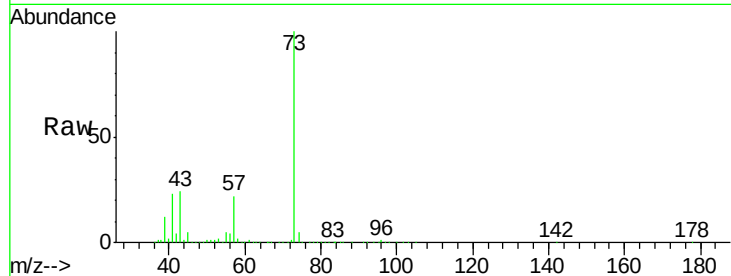
#19
Methyl tert-butyl Ether
Concen: 61.57 ug/l
RT: 3.21 min Scan# 430
Delta R.T. 0.00 min
Lab File: VX002445.D
Acq: 11 Jun 2018 16:15

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 73 Resp: 470080
Ion Ratio Lower Upper
73 100
57 21.7 17.7 26.5

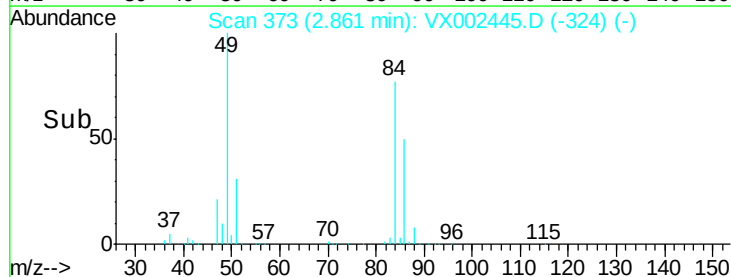
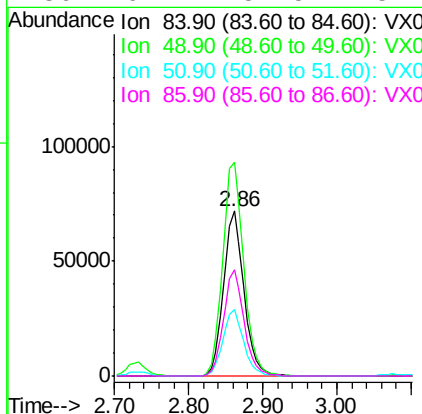
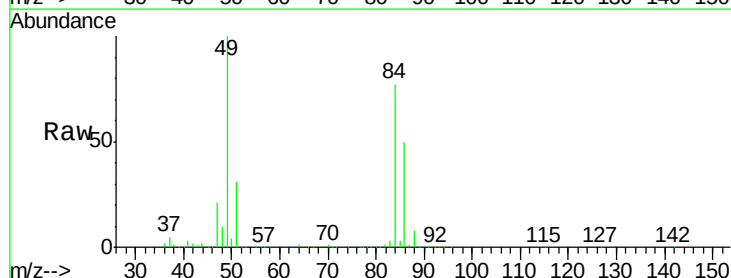
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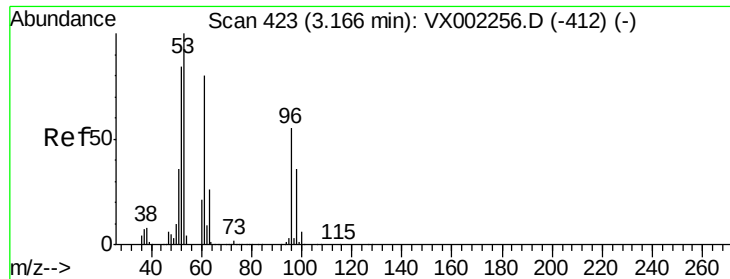
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#20
Methylene Chloride
Concen: 59.03 ug/l
RT: 2.86 min Scan# 373
Delta R.T. 0.00 min
Lab File: VX002445.D
Acq: 11 Jun 2018 16:15

Tgt Ion: 84 Resp: 137525
Ion Ratio Lower Upper
84 100
49 129.4 107.8 161.6
51 40.3 32.8 49.2
86 64.2 52.5 78.7





#21

trans-1,2-Dichloroethene

Concen: 49.94 ug/l

RT: 3.17 min Scan# 423

Delta R.T. -0.00 min

Lab File: VX002445.D

Acq: 11 Jun 2018 16:15

Instrument :

MSVOA_X

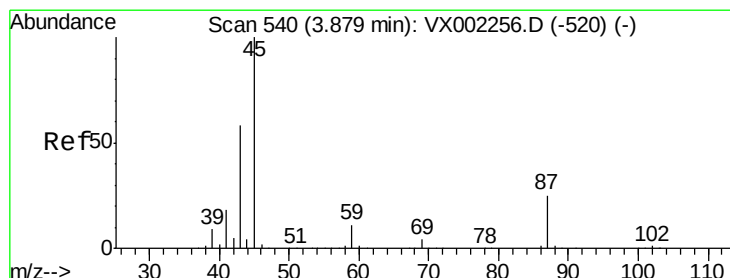
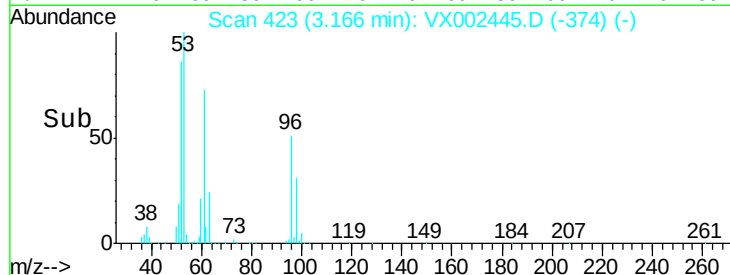
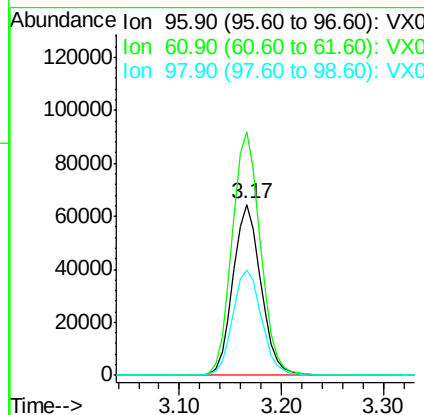
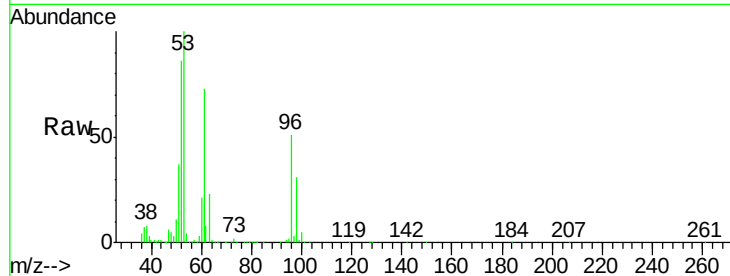
ClientSampleId :

VSTDCCC050EC

Tot Ion:	96	Resp:	121850
Ion	Ratio	Lower	Upper
96	100		
61	142.4	117.0	175.4
98	61.6	52.4	78.6

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#22

Diisopropyl ether

Concen: 54.18 ug/l

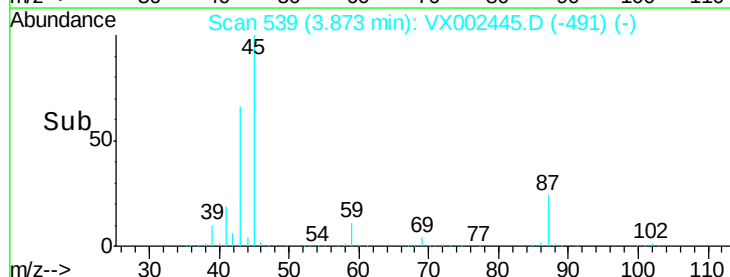
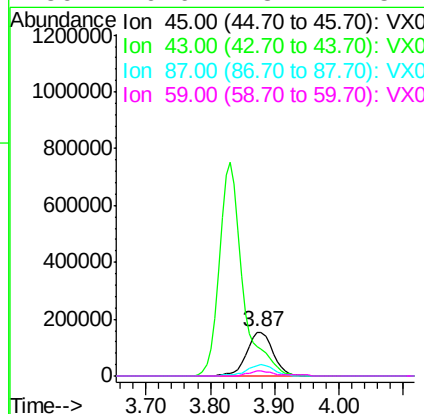
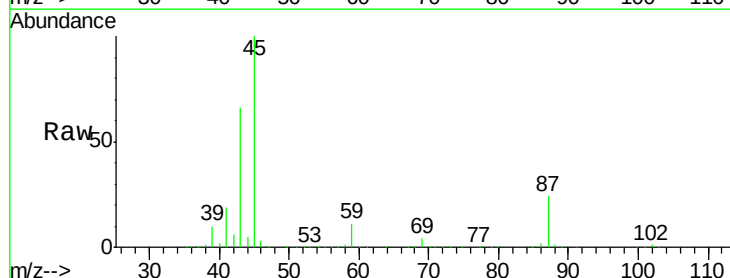
RT: 3.87 min Scan# 539

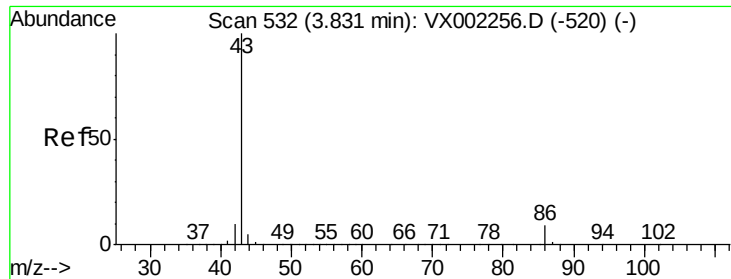
Delta R.T. -0.01 min

Lab File: VX002445.D

Acq: 11 Jun 2018 16:15

Tgt Ion:	45	Resp:	433558
Ion	Ratio	Lower	Upper
45	100		
43	65.9	46.8	70.2
87	24.3	20.2	30.4
59	10.6	8.7	13.1





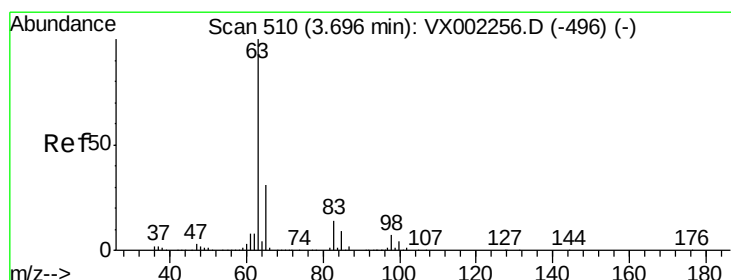
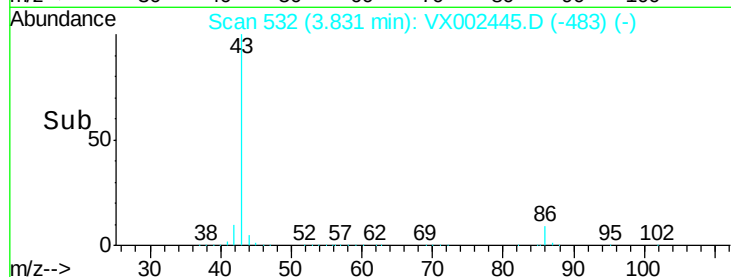
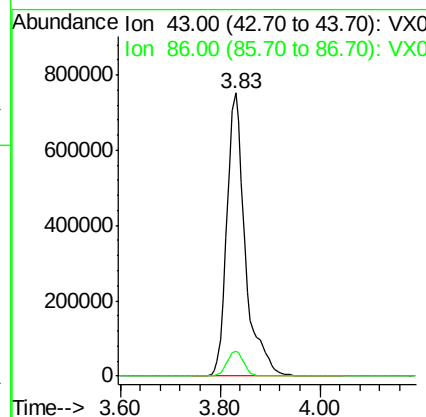
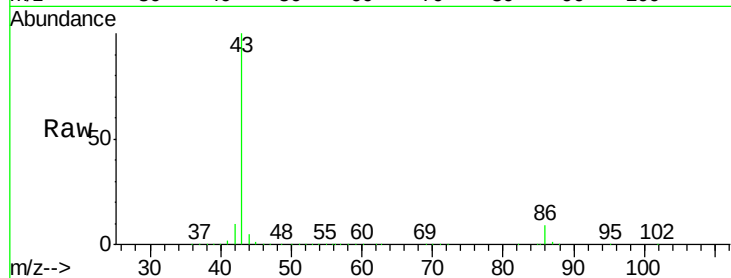
#23
 Vinyl Acetate
 Concen: 246.28 ug/l
 RT: 3.83 min Scan# 532
 Delta R.T. -0.00 min
 Lab File: VX002445.D
 Acq: 11 Jun 2018 16:15

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 43 Resp: 1916881
 Ion Ratio Lower Upper
 43 100
 86 8.9 7.4 11.0

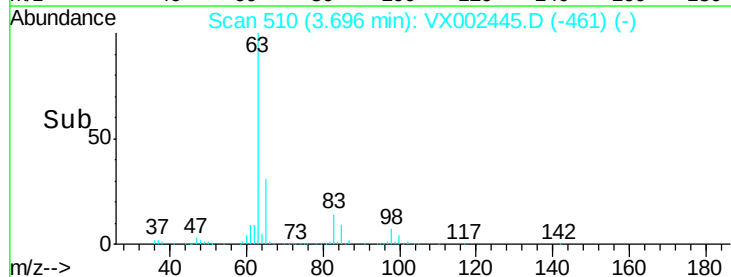
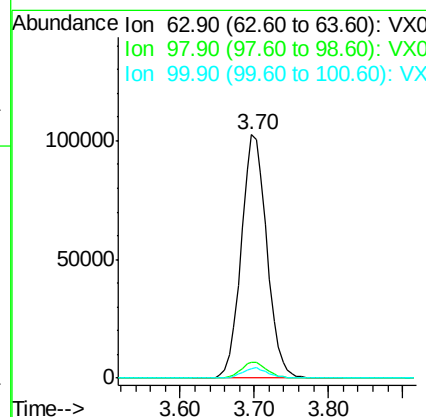
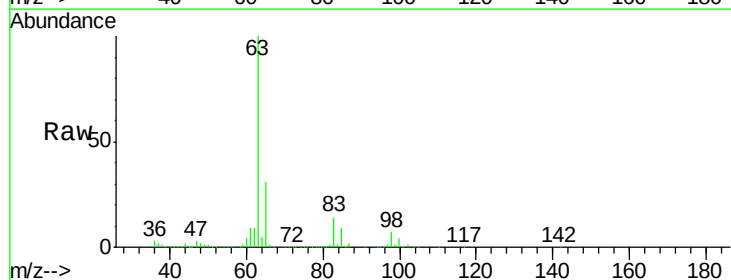
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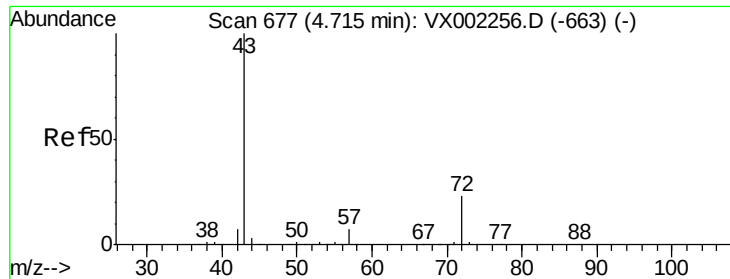
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#24
 1,1-Dichloroethane
 Concen: 51.96 ug/l
 RT: 3.70 min Scan# 510
 Delta R.T. -0.00 min
 Lab File: VX002445.D
 Acq: 11 Jun 2018 16:15

Tgt Ion: 63 Resp: 246556
 Ion Ratio Lower Upper
 63 100
 98 6.6 3.4 10.2
 100 4.0 2.0 6.0





#25

2-Butanone

Concen: 250.92 ug/l

RT: 4.71 min Scan# 676

Delta R.T. -0.01 min

Lab File: VX002445.D

Acq: 11 Jun 2018 16:15

Tot Ion: 43 Resp: 511283

Ion Ratio Lower Upper

43 100

72 23.1 18.5 27.7

Instrument :

MSVOA_X

ClientSampleId :

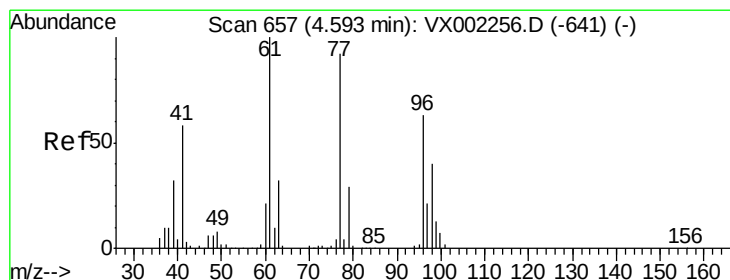
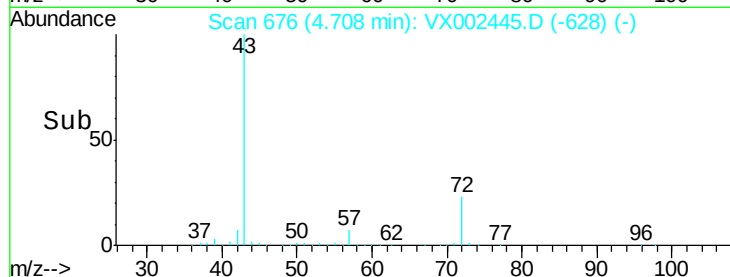
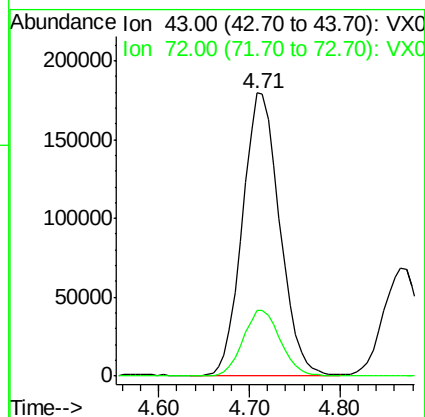
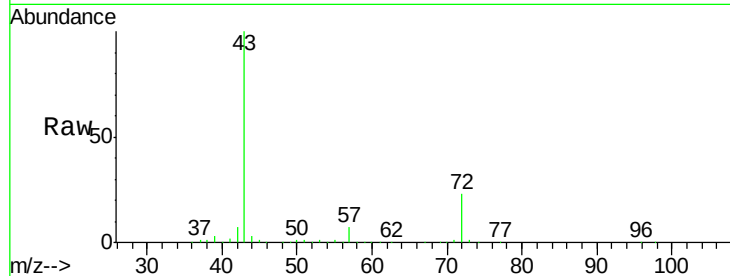
VSTDCCC050EC

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 45.64 ug/l

RT: 4.59 min Scan# 656

Delta R.T. -0.01 min

Lab File: VX002445.D

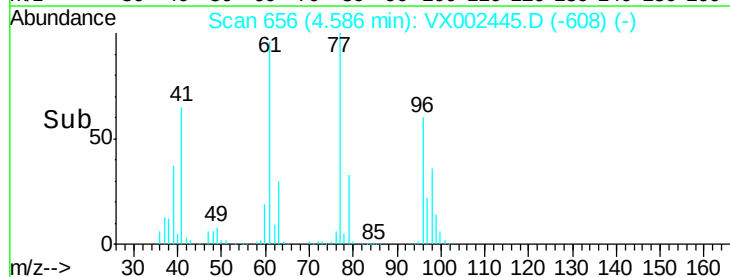
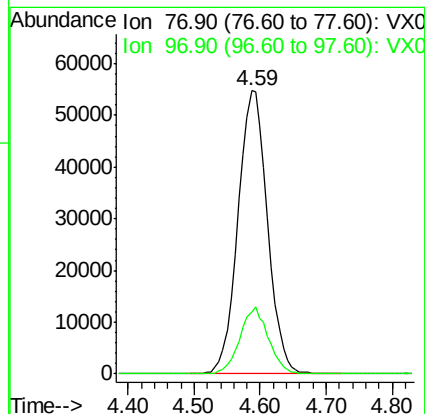
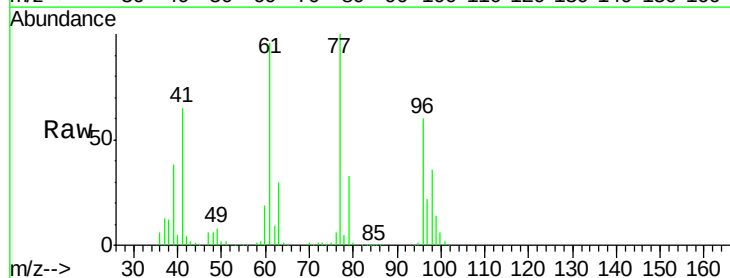
Acq: 11 Jun 2018 16:15

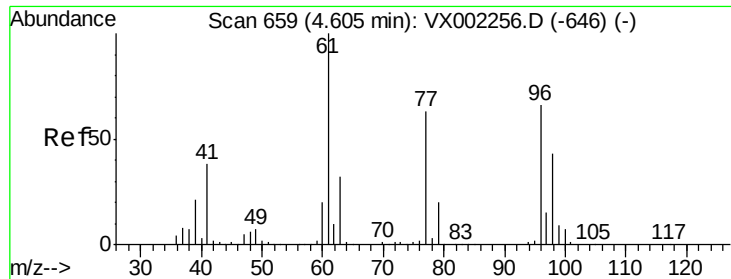
Tgt Ion: 77 Resp: 169294

Ion Ratio Lower Upper

77 100

97 22.8 11.2 33.5





#27

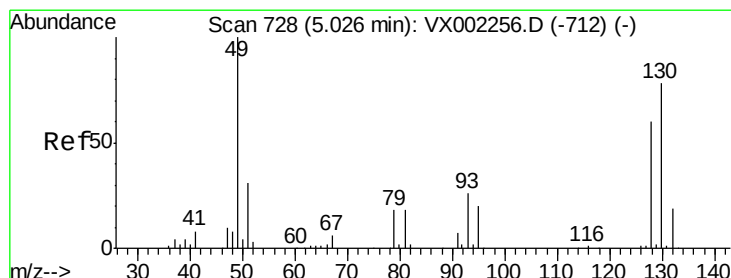
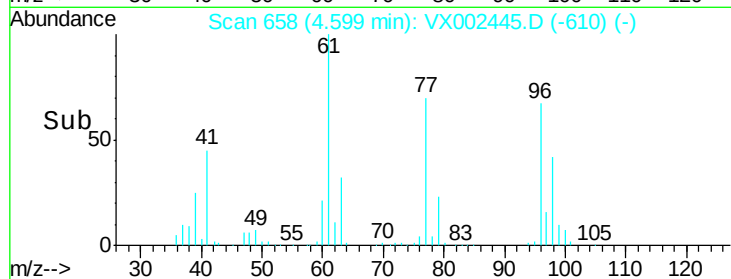
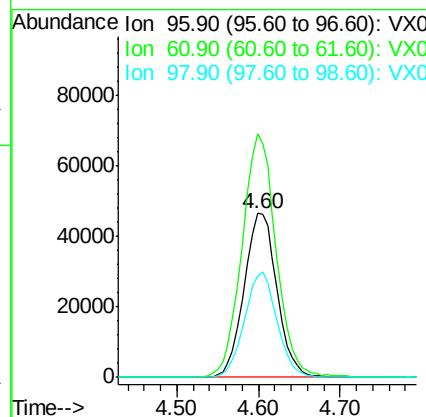
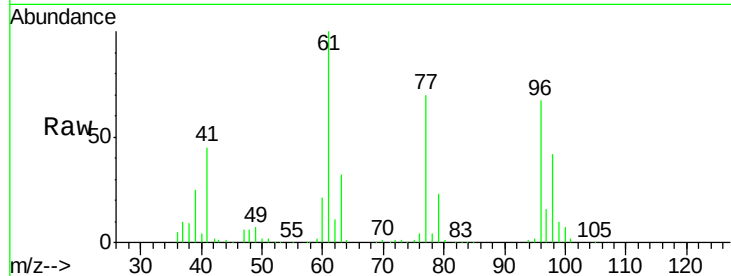
cis-1,2-Dichloroethene
Concen: 49.10 ug/l
RT: 4.60 min Scan# 658
Delta R.T. -0.01 min
Lab File: VX002445.D
Acq: 11 Jun 2018 16:15

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
96	100		
61	154.3	0.0	330.2
98	63.4	0.0	130.2

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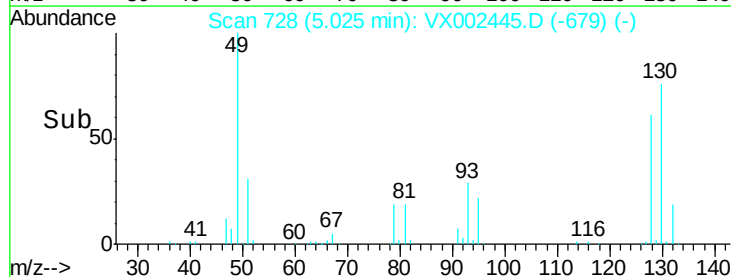
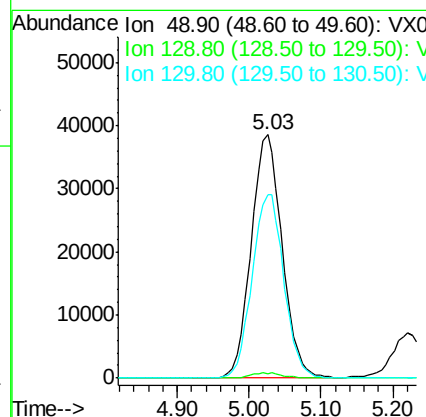
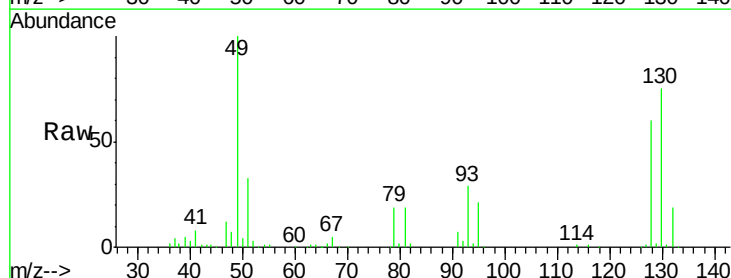
MMDadoda
6/11/2018 5:07:02 PM

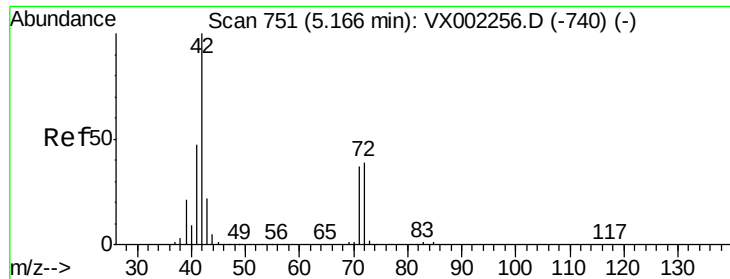


#28

Bromochloromethane
Concen: 57.72 ug/l
RT: 5.03 min Scan# 728
Delta R.T. 0.00 min
Lab File: VX002445.D
Acq: 11 Jun 2018 16:15

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.1	0.0	4.2
130	77.1	61.2	91.8





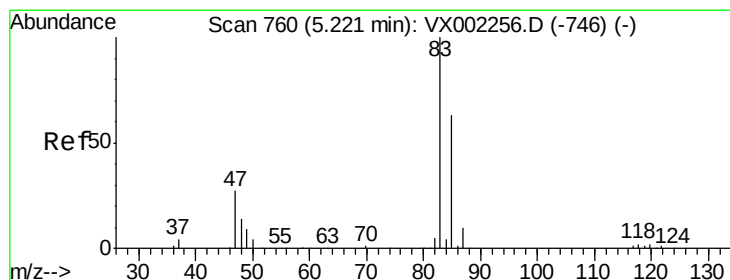
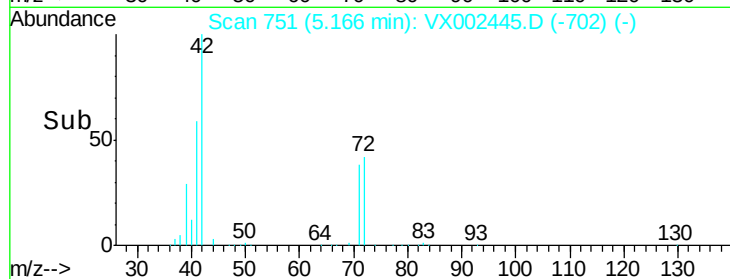
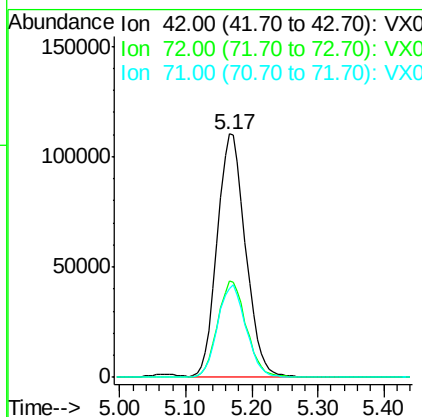
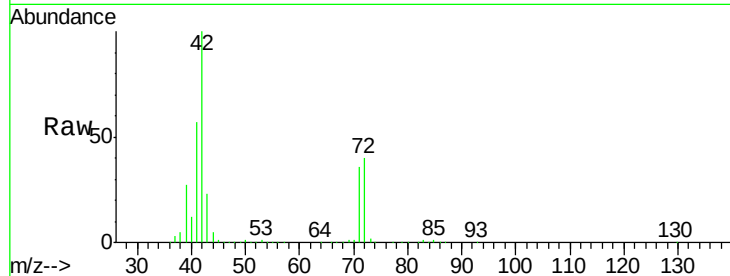
#29
Tetrahydrofuran
Concen: 248.98 ug/l
RT: 5.17 min Scan# 751
Delta R.T. -0.00 min
Lab File: VX002445.D
Acq: 11 Jun 2018 16:15

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
42	100		
72	40.2	32.0	48.0
71	37.9	30.1	45.1

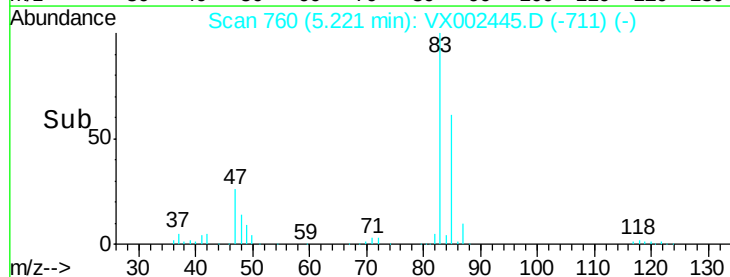
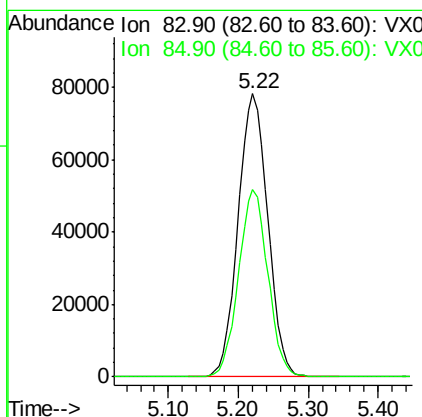
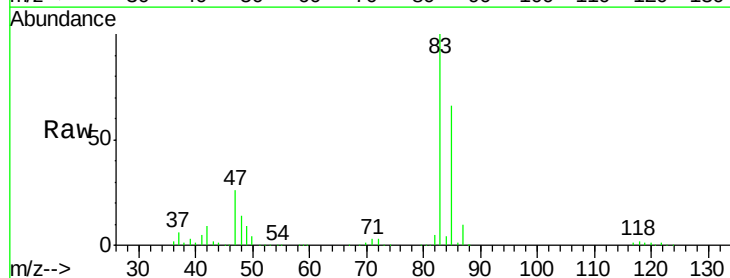
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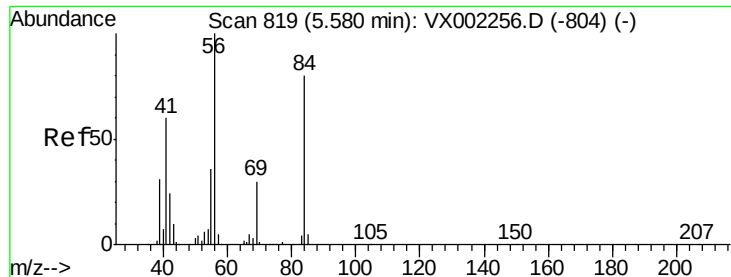
MMDadoda
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#30
Chloroform
Concen: 50.40 ug/l
RT: 5.22 min Scan# 760
Delta R.T. -0.00 min
Lab File: VX002445.D
Acq: 11 Jun 2018 16:15

Tgt Ion	Ratio	Lower	Upper
83	100		
85	66.3	50.4	75.6





#31

Cyclohexane

Concen: 47.03 ug/l

RT: 5.58 min Scan# 819

Delta R.T. -0.00 min

Lab File: VX002445.D

Acq: 11 Jun 2018 16:15

Instrument :

MSVOA_X

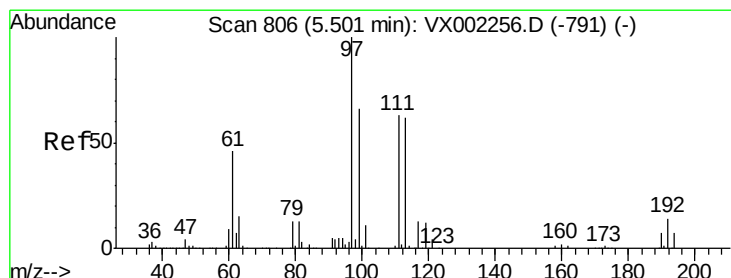
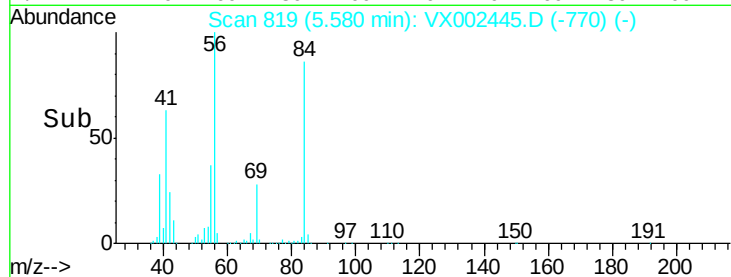
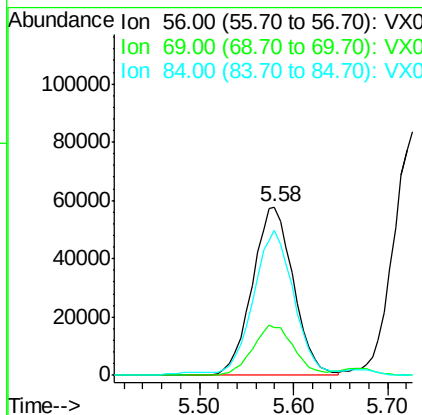
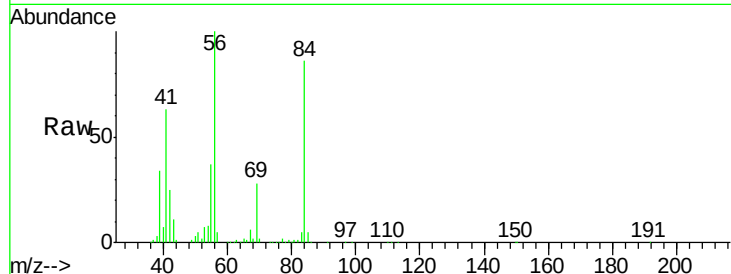
ClientSampleId :

VSTDCCC050EC

Tot Ion	56	Resp	176483
Ion Ratio	Lower	Upper	
56	100		
69	28.1	23.7	35.5
84	83.9	64.1	96.1

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#32

1,1,1-Trichloroethane

Concen: 48.90 ug/l

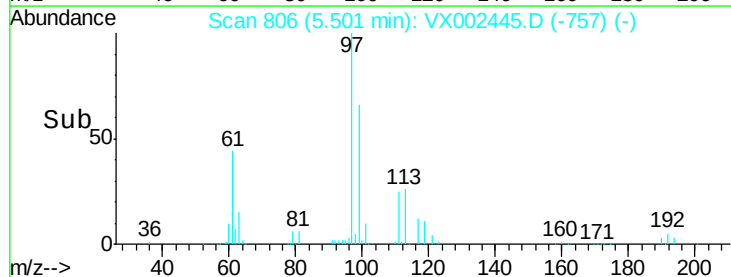
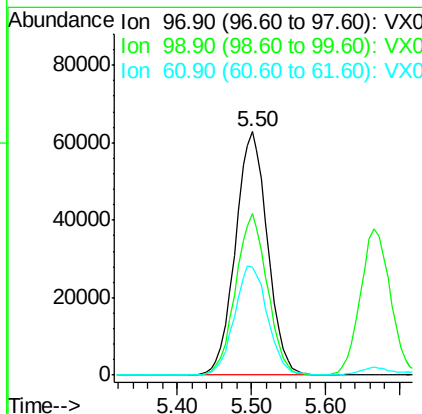
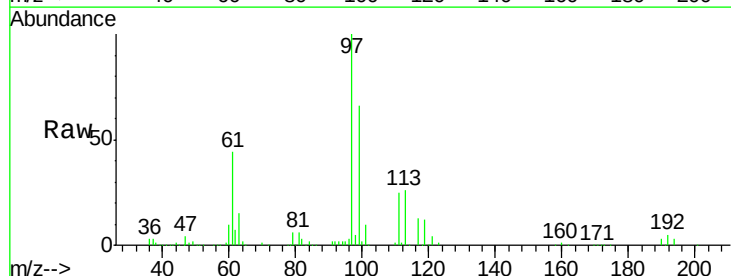
RT: 5.50 min Scan# 806

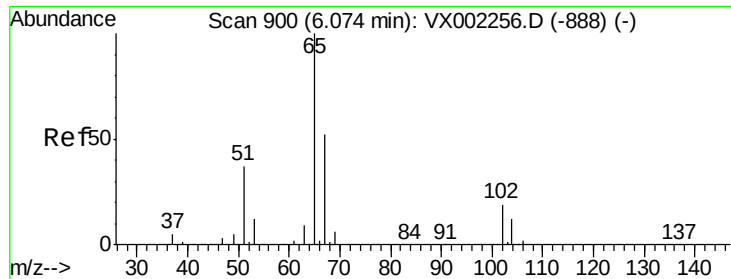
Delta R.T. -0.00 min

Lab File: VX002445.D

Acq: 11 Jun 2018 16:15

Tgt Ion	97	Resp	189901
Ion Ratio	Lower	Upper	
97	100		
99	65.4	51.6	77.4
61	46.4	36.4	54.6





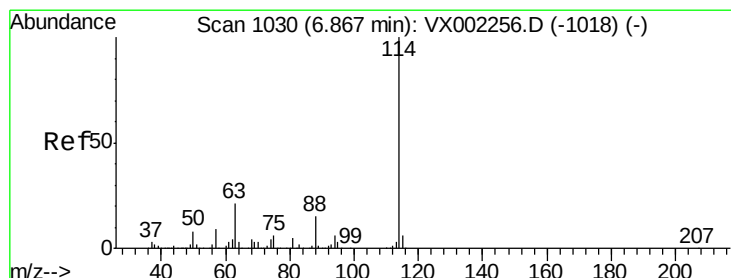
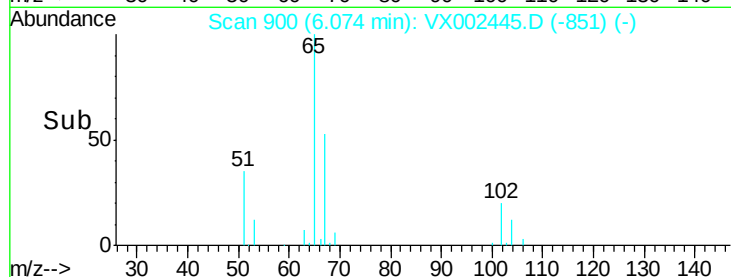
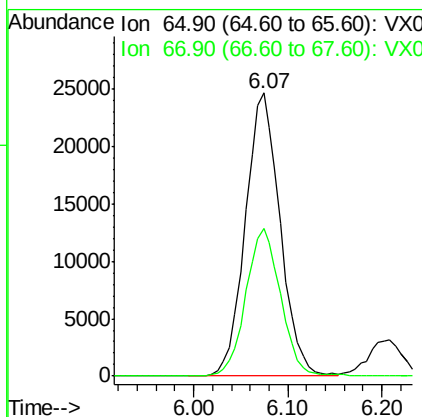
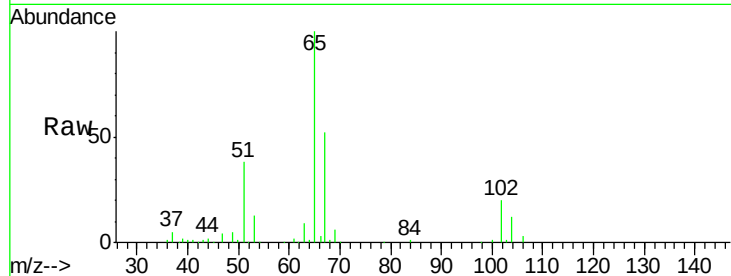
#33
 1,2-Dichloroethane-d4
 Concen: 19.38 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. 0.00 min
 Lab File: VX002445.D
 Acq: 11 Jun 2018 16:15

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
65	100		
67	52.2	0.0	102.6

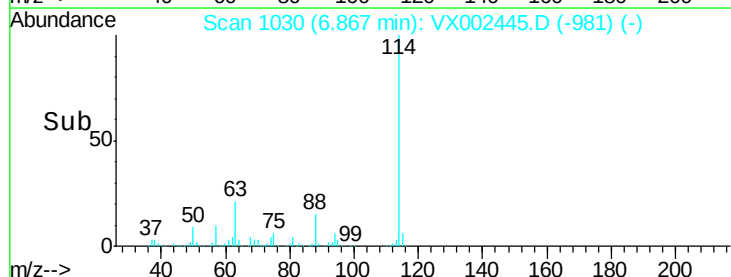
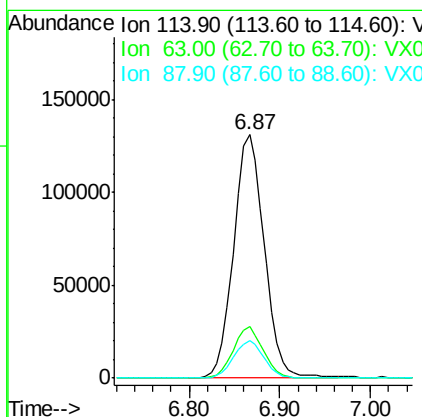
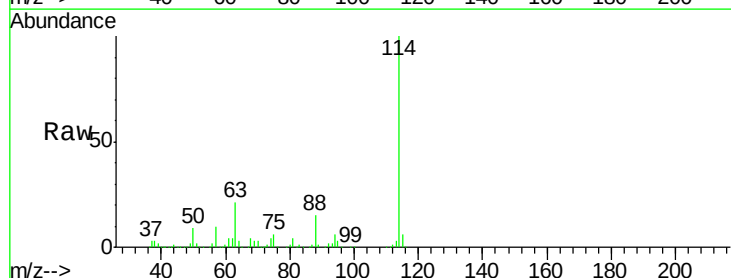
Manual Integrations
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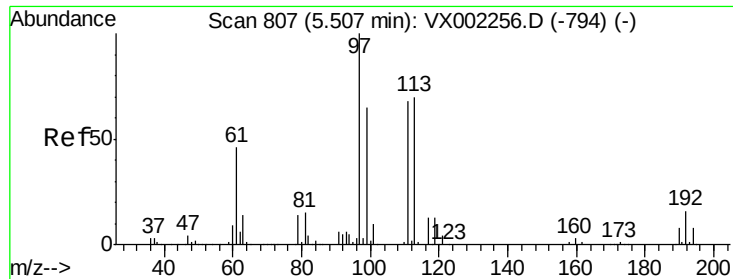
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#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. -0.00 min
 Lab File: VX002445.D
 Acq: 11 Jun 2018 16:15

Tgt Ion	Ratio	Lower	Upper
114	100		
63	20.9	0.0	41.4
88	15.4	0.0	30.0





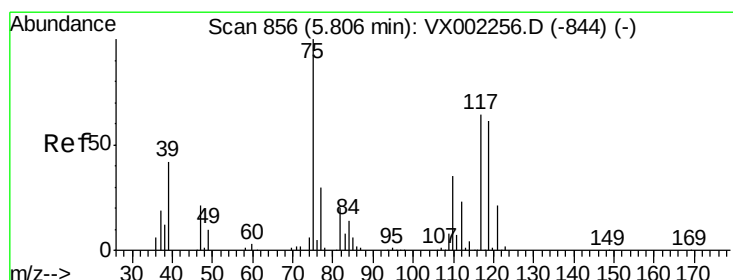
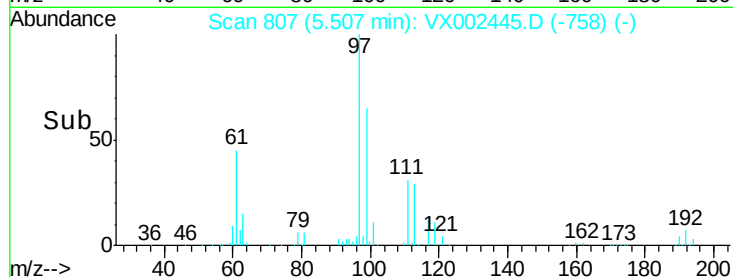
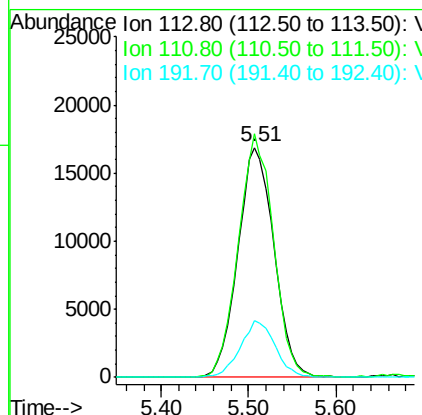
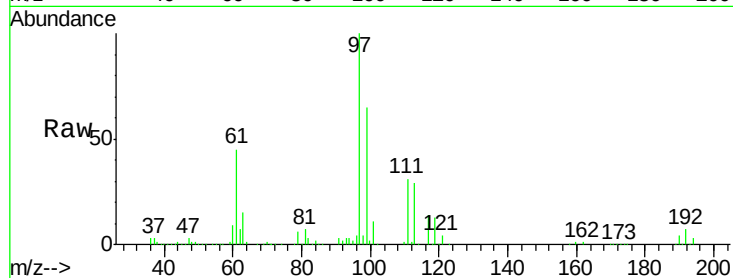
#35
Dibromofluoromethane
Concen: 20.07 ug/l
RT: 5.51 min Scan# 807
Delta R.T. -0.00 min
Lab File: VX002445.D
Acq: 11 Jun 2018 16:15

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
113	100		
111	103.1	81.4	122.0
192	23.8	19.1	28.7

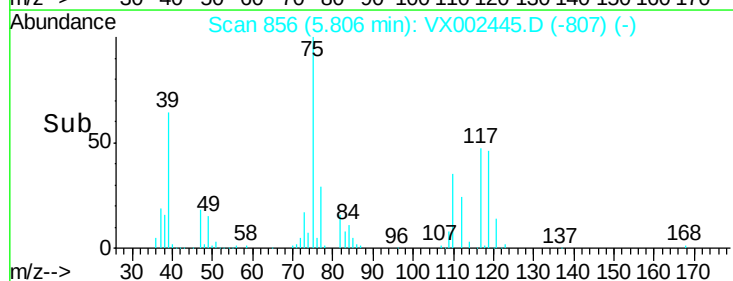
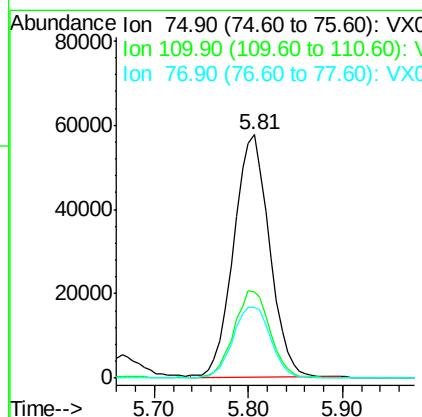
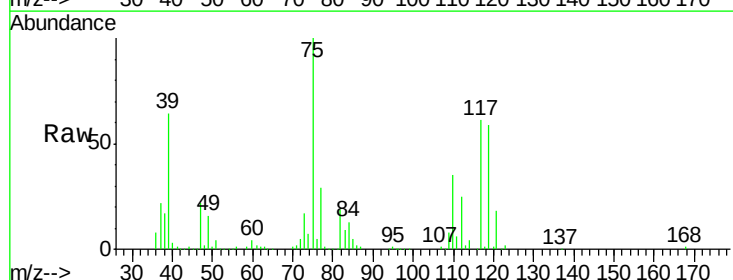
Manual Integrations
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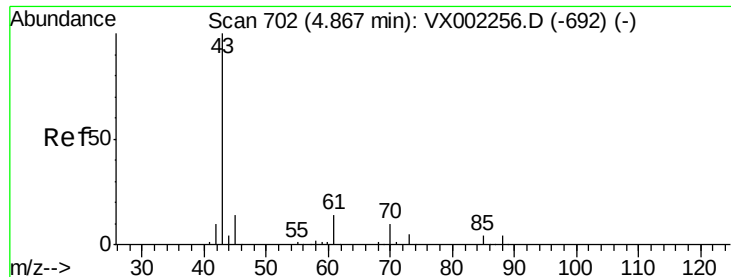
MMDadoda
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#36
1,1-Dichloropropene
Concen: 47.12 ug/l
RT: 5.81 min Scan# 856
Delta R.T. -0.00 min
Lab File: VX002445.D
Acq: 11 Jun 2018 16:15

Tgt Ion	Ratio	Lower	Upper
75	100		
110	36.5	18.1	54.4
77	30.5	24.3	36.5





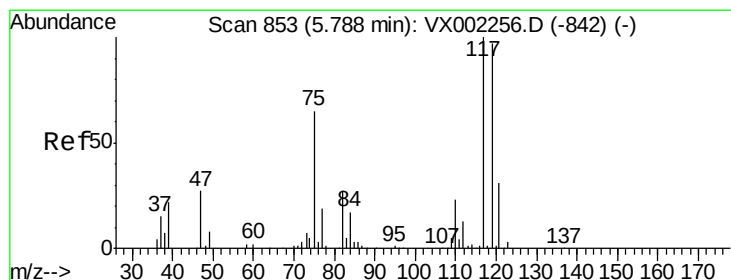
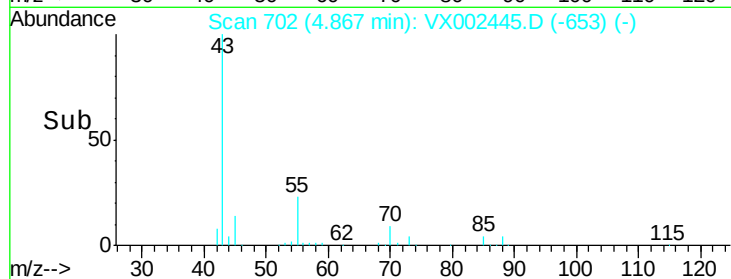
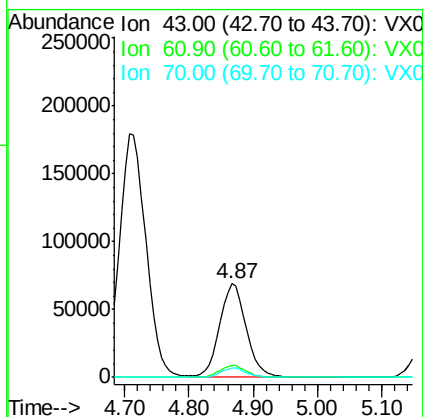
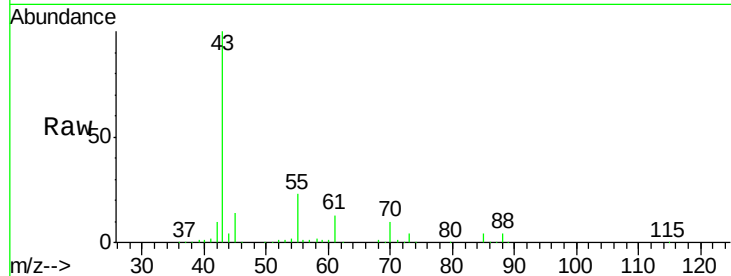
#37
Ethyl Acetate
Concen: 51.63 ug/l
RT: 4.87 min Scan# 702
Delta R.T. -0.00 min
Lab File: VX002445.D
Acq: 11 Jun 2018 16:15

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	12.9	10.4	15.6
70	9.4	7.6	11.4

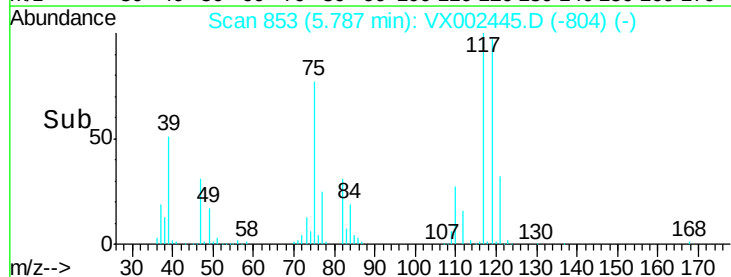
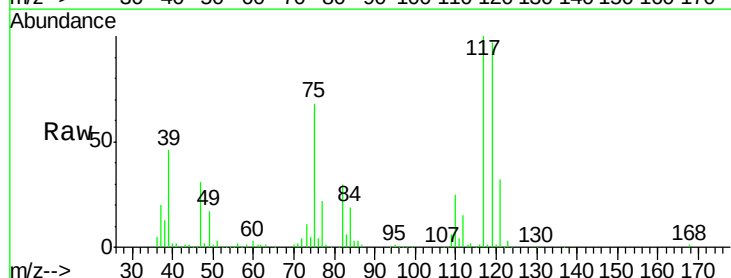
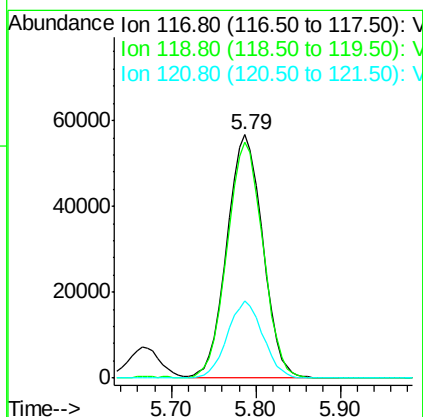
Manual Integrations
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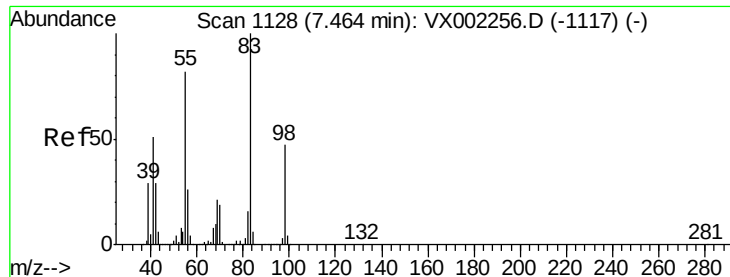
MMDadoda
6/11/2018 5:07:02 PM



#38
Carbon Tetrachloride
Concen: 48.45 ug/l
RT: 5.79 min Scan# 853
Delta R.T. -0.00 min
Lab File: VX002445.D
Acq: 11 Jun 2018 16:15

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.9	77.4	116.0
121	31.9	24.4	36.6





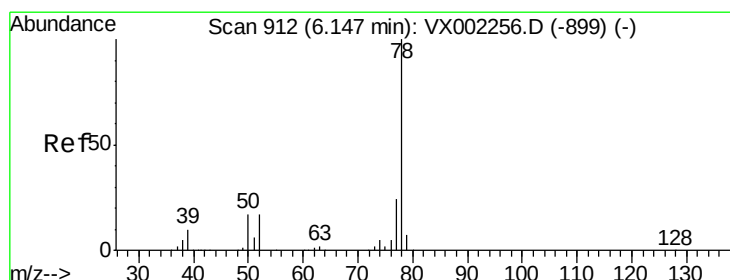
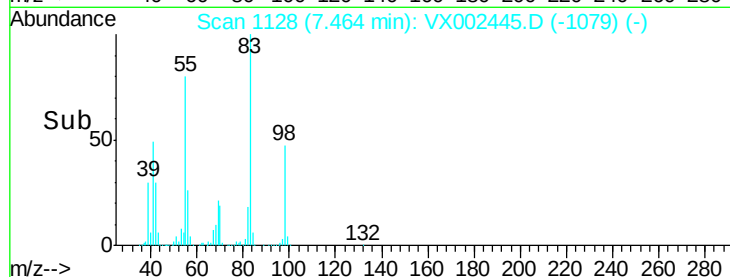
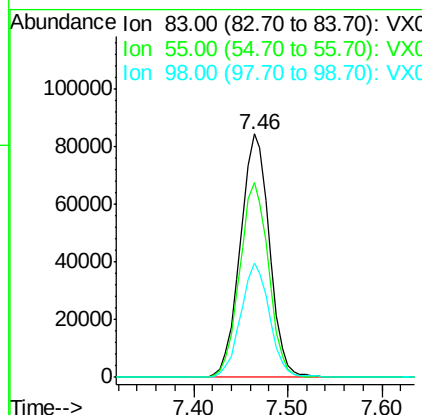
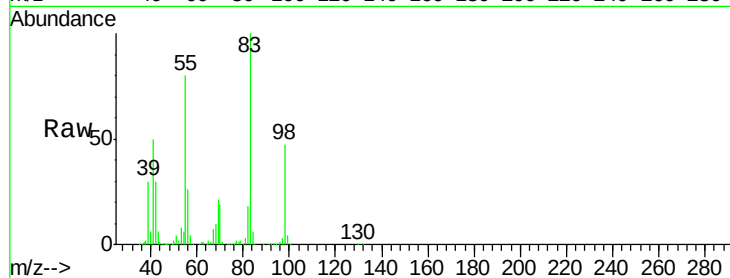
#39
Methylvlcyclohexane
Concen: 45.77 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. 0.00 min
Lab File: VX002445.D
Acq: 11 Jun 2018 16:15

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
83	100		
55	80.3	65.4	98.0
98	47.1	37.4	56.0

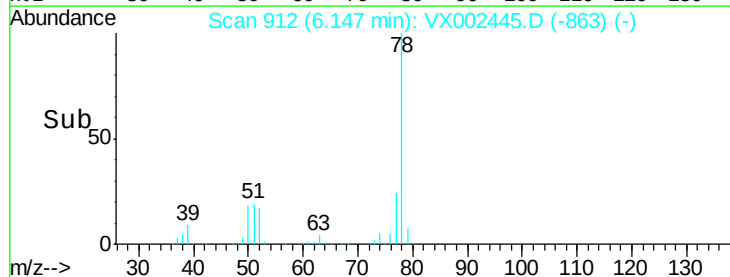
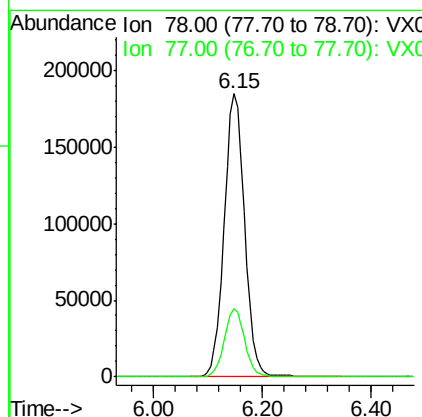
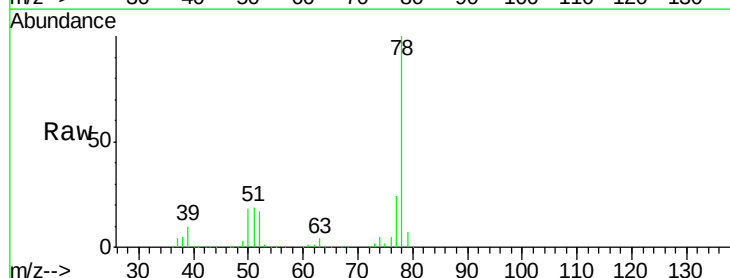
Manual Integrations
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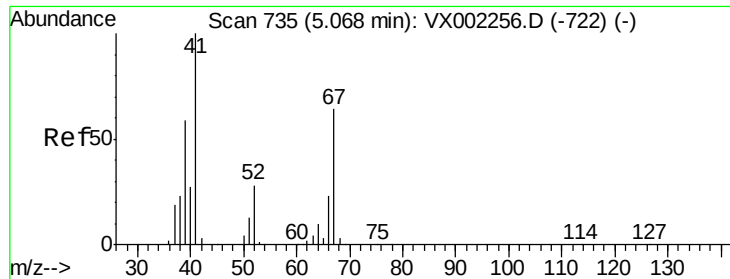
MMDadoda
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#40
Benzene
Concen: 48.65 ug/l
RT: 6.15 min Scan# 912
Delta R.T. -0.00 min
Lab File: VX002445.D
Acq: 11 Jun 2018 16:15

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.1	19.1	28.7





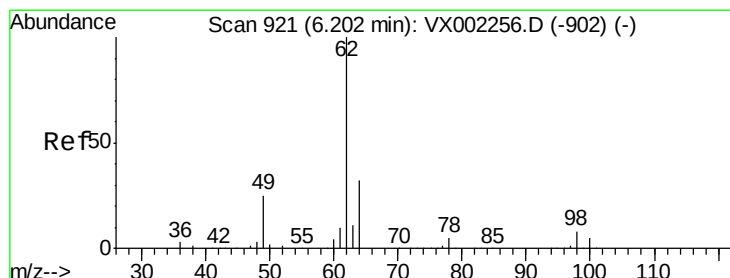
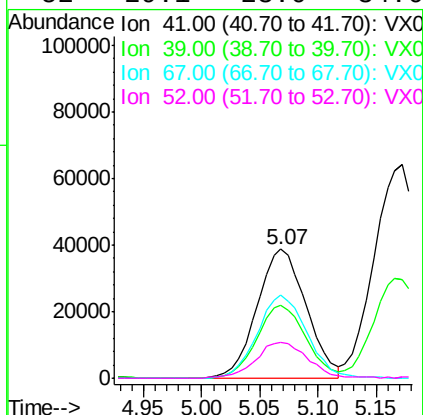
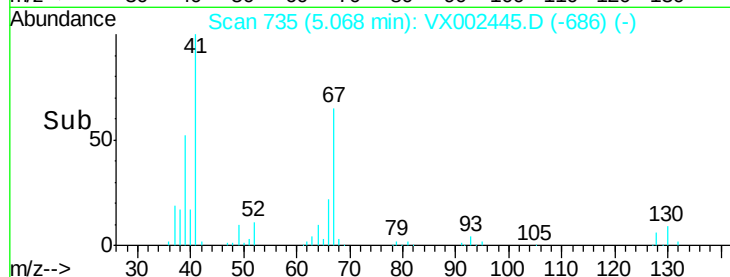
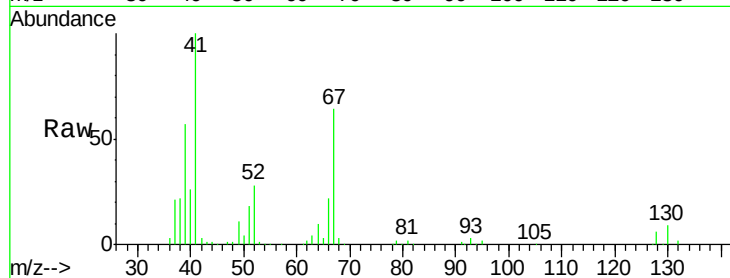
#41
Methacrylonitrile
Concen: 50.98 ug/l
RT: 5.07 min Scan# 735
Delta R.T. -0.00 min
Lab File: VX002445.D
Acq: 11 Jun 2018 16:15

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	56.2	45.8	68.6	
67	65.3	51.3	76.9	
52	29.1	23.0	34.6	

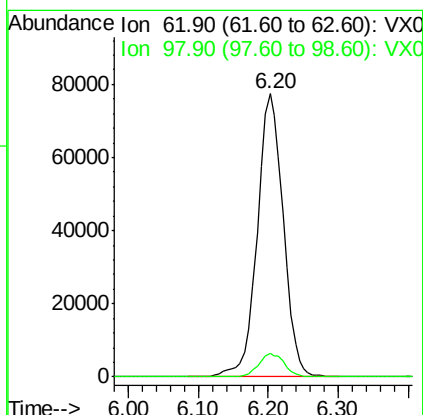
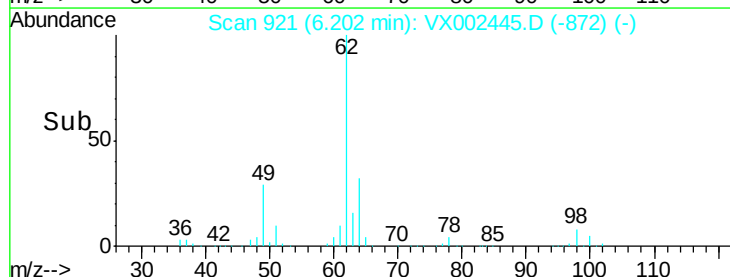
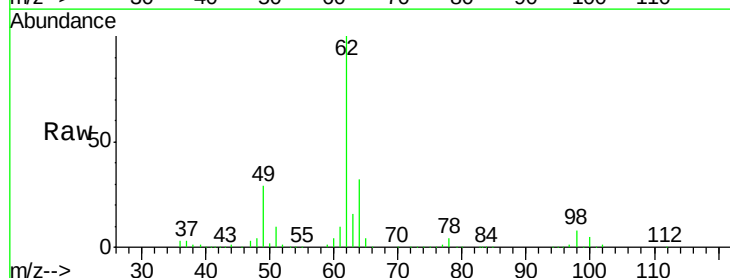
Manual Integrations
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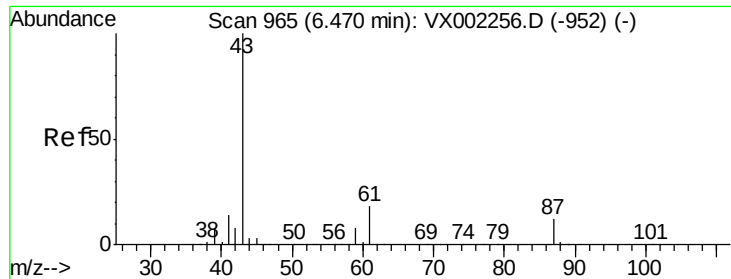
MMDadoda
6/11/2018 5:07:02 PM



#42
1,2-Dichloroethane
Concen: 50.78 ug/l
RT: 6.20 min Scan# 921
Delta R.T. -0.00 min
Lab File: VX002445.D
Acq: 11 Jun 2018 16:15

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	8.2	0.0	16.6	





#43

Isopropyl Acetate

Concen: 50.56 ug/l

RT: 6.47 min Scan# 965

Delta R.T. -0.00 min

Lab File: VX002445.D

Acq: 11 Jun 2018 16:15

Instrument :

MSVOA_X

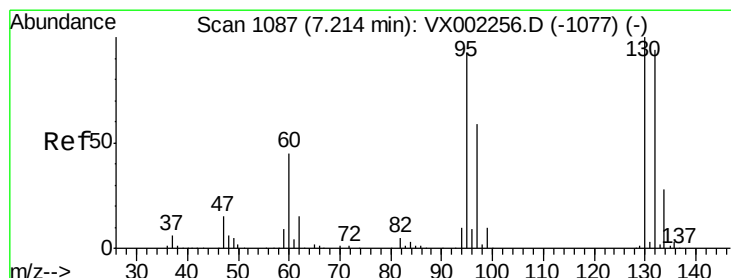
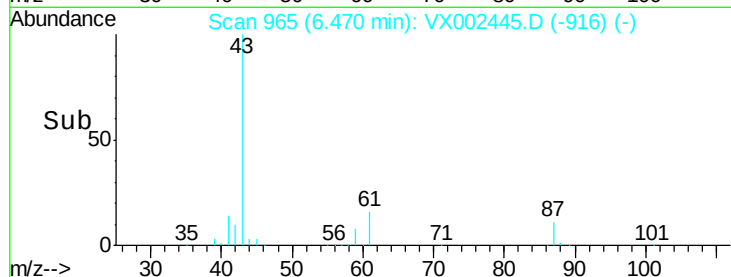
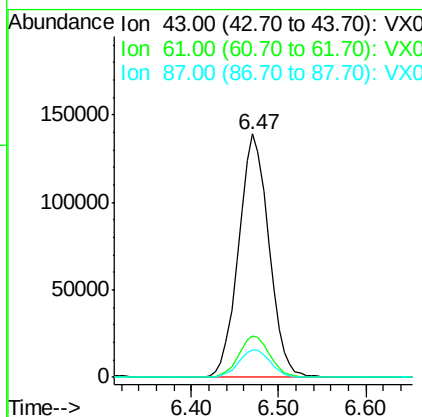
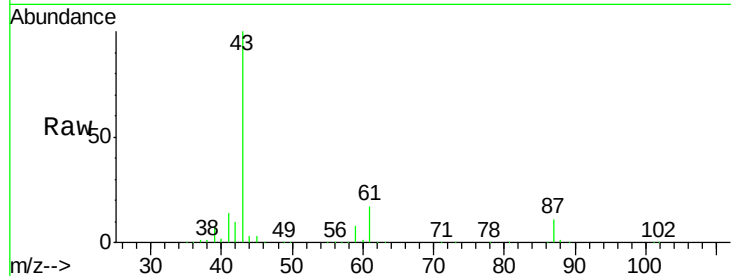
ClientSampleId :

VSTDCCC050EC

Tot Ion:	43	Resp:	333824
Ion	Ratio	Lower	Upper
43	100		
61	17.7	14.4	21.6
87	11.8	9.5	14.3

Manual Integrations
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6/11/2018 5:07:02 PM



#44

Trichloroethene

Concen: 49.07 ug/l

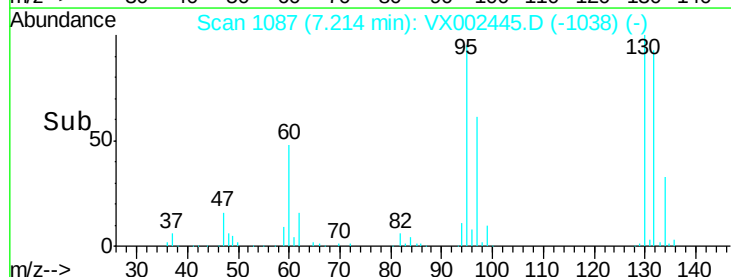
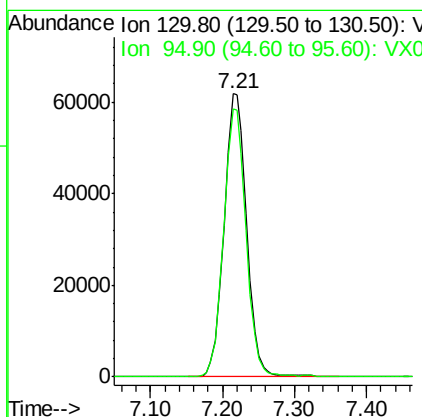
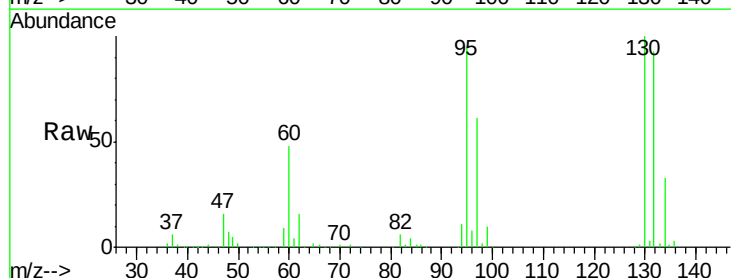
RT: 7.21 min Scan# 1087

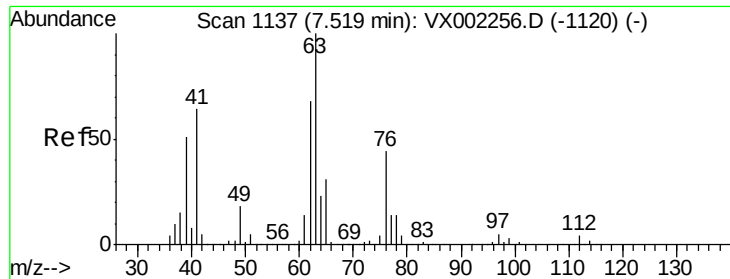
Delta R.T. -0.00 min

Lab File: VX002445.D

Acq: 11 Jun 2018 16:15

Tgt Ion:	130	Resp:	134978
Ion	Ratio	Lower	Upper
130	100		
95	94.7	0.0	185.4





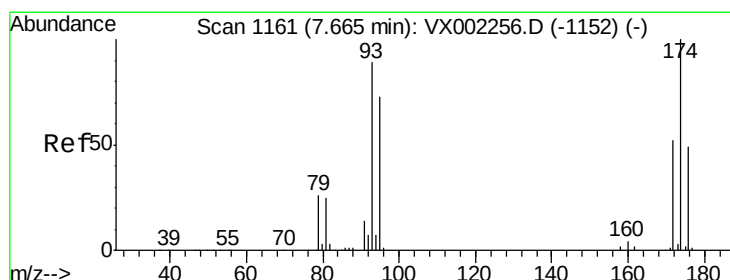
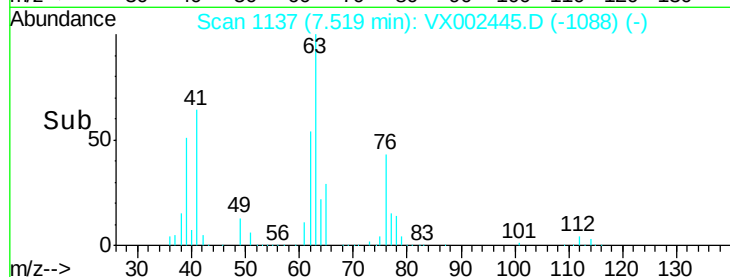
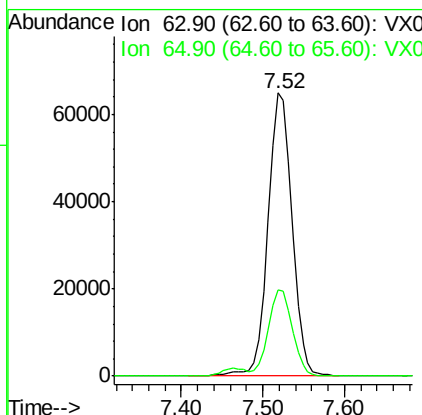
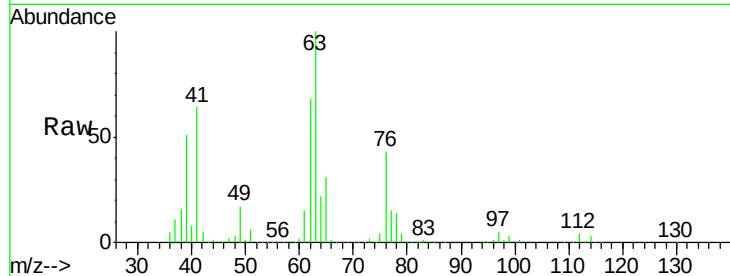
#45
 1,2-Dichloropropane
 Concen: 49.63 ug/l
 RT: 7.52 min Scan# 1137
 Delta R.T. -0.00 min
 Lab File: VX002445.D
 Acq: 11 Jun 2018 16:15

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 63 Resp: 132775
 Ion Ratio Lower Upper
 63 100
 65 30.5 24.7 37.1

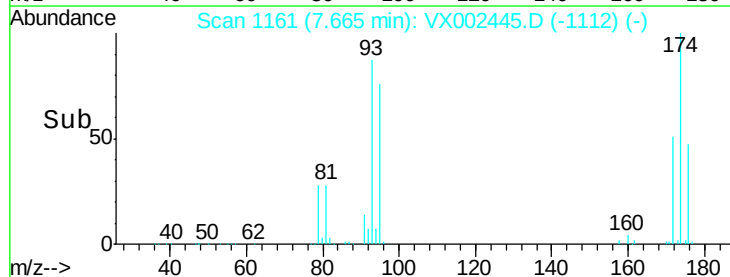
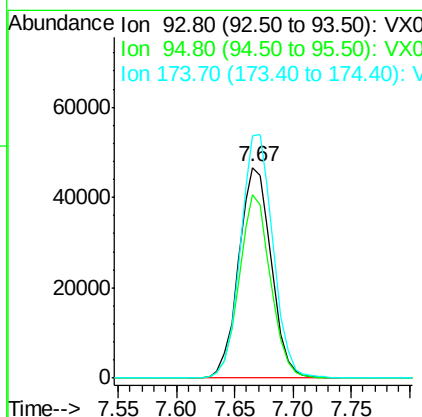
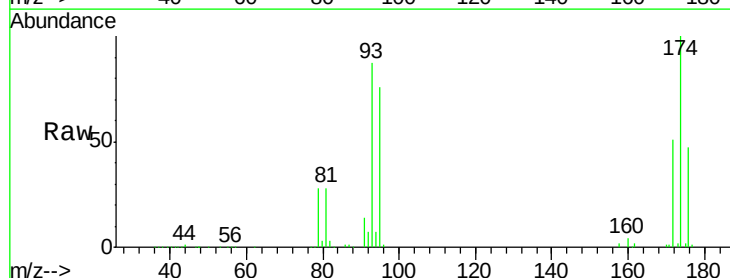
Manual Integrations
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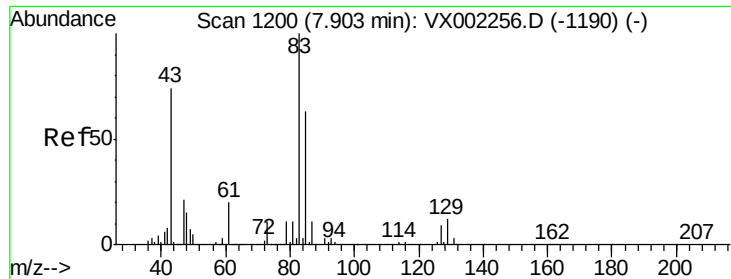
MMDadoda
 6/11/2018 5:07:02 PM



#46
 Dibromomethane
 Concen: 50.14 ug/l
 RT: 7.67 min Scan# 1161
 Delta R.T. -0.00 min
 Lab File: VX002445.D
 Acq: 11 Jun 2018 16:15

Tgt Ion: 93 Resp: 90933
 Ion Ratio Lower Upper
 93 100
 95 84.3 65.9 98.9
 174 115.3 92.4 138.6





#47

Bromodichloromethane

Concen: 51.58 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. -0.00 min

Lab File: VX002445.D

Acq: 11 Jun 2018 16:15

Instrument :

MSVOA_X

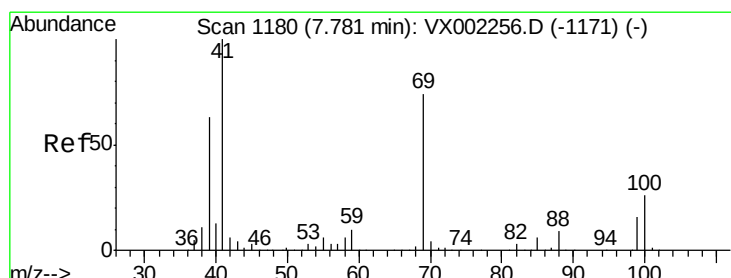
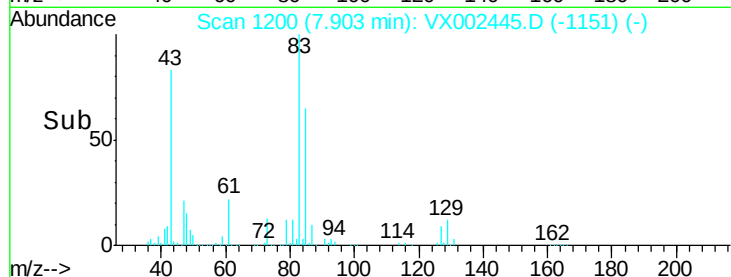
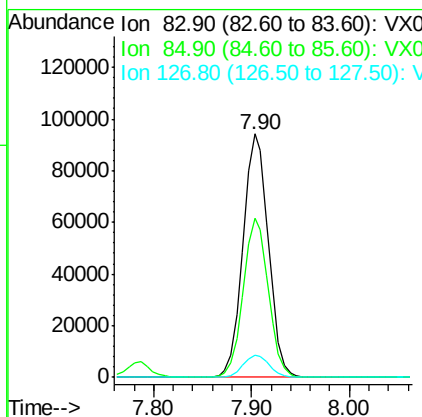
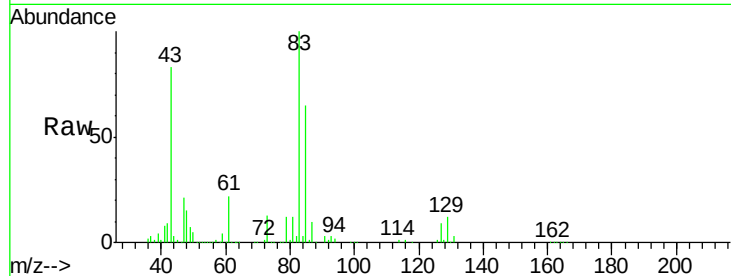
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	169184
Ion	Ratio	Lower	Upper
83	100		
85	65.3	50.3	75.5
127	9.3	7.0	10.4

Manual Integrations
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MMDadoda
6/11/2018 5:07:02 PM



#48

Methyl methacrylate

Concen: 51.31 ug/l

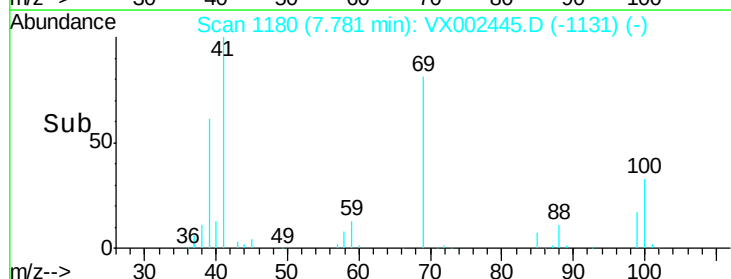
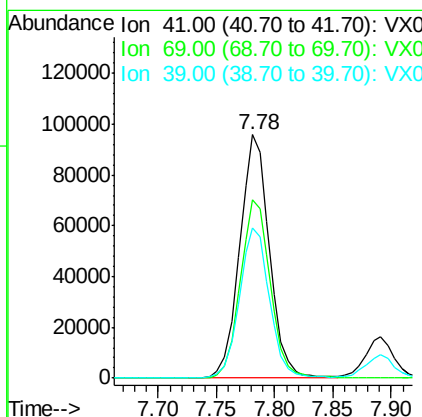
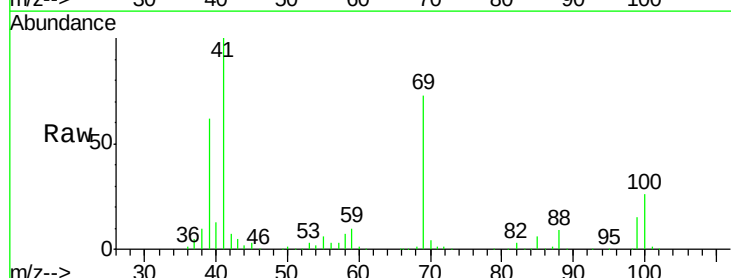
RT: 7.78 min Scan# 1180

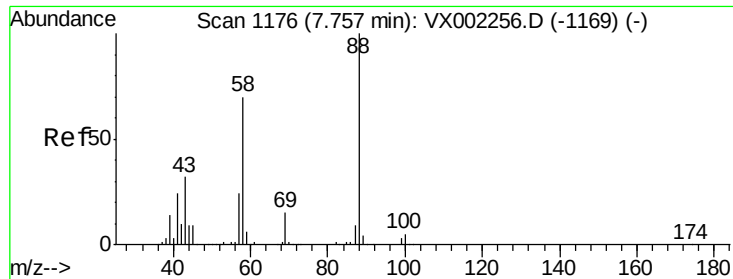
Delta R.T. -0.00 min

Lab File: VX002445.D

Acq: 11 Jun 2018 16:15

Tgt Ion:	41	Resp:	170156
Ion	Ratio	Lower	Upper
41	100		
69	74.0	59.1	88.7
39	62.1	48.9	73.3





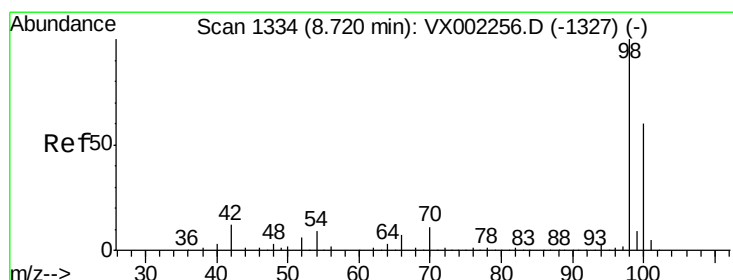
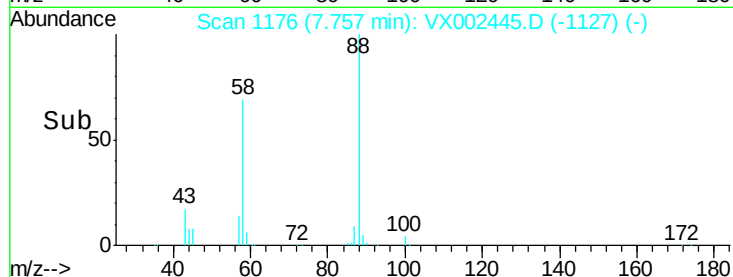
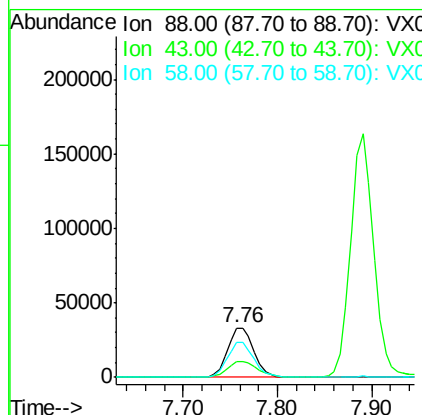
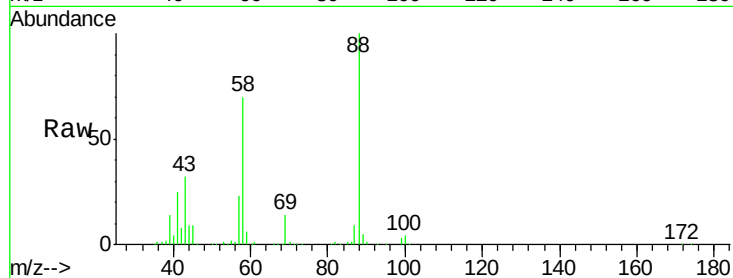
#49
1,4-Dioxane
Concen: 1026.36 ug/l
RT: 7.76 min Scan# 1176
Delta R.T. -0.00 min
Lab File: VX002445.D
Acq: 11 Jun 2018 16:15

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
88	100		
43	37.2	29.8	44.6
58	71.9	57.1	85.7

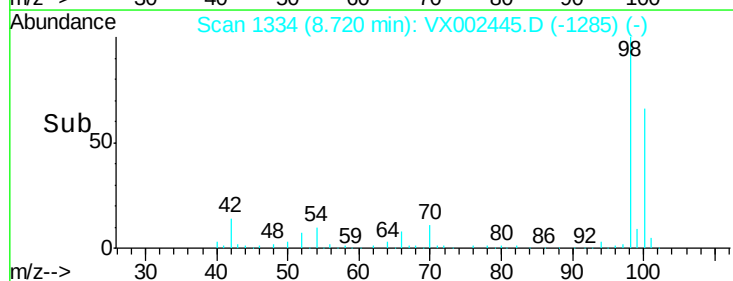
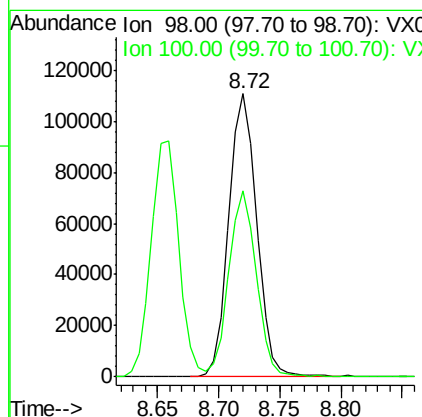
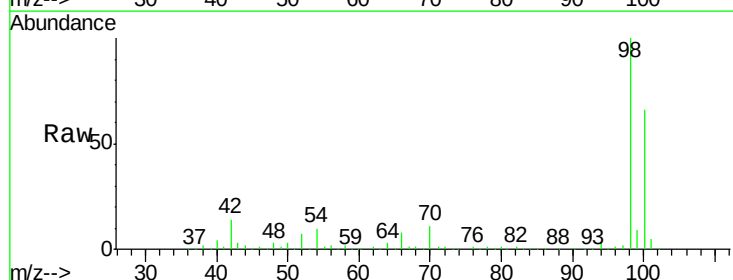
Manual Integrations
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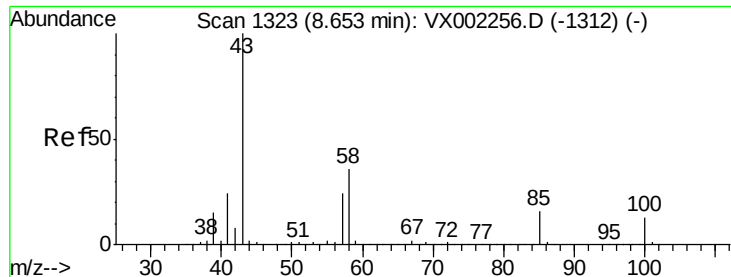
MMDadoda
6/11/2018 5:07:02 PM



#50
Toluene-d8
Concen: 18.87 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. -0.00 min
Lab File: VX002445.D
Acq: 11 Jun 2018 16:15

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.1	50.9	76.3





#51

4-Methyl-2-Pentanone

Concen: 262.01 ug/l

RT: 8.65 min Scan# 1323

Delta R.T. -0.00 min

Lab File: VX002445.D

Acq: 11 Jun 2018 16:15

Instrument :

MSVOA_X

ClientSampled :

VSTDCCC050EC

Tot Ion: 43 Resp: 1077254

Ion Ratio Lower Upper

43 100

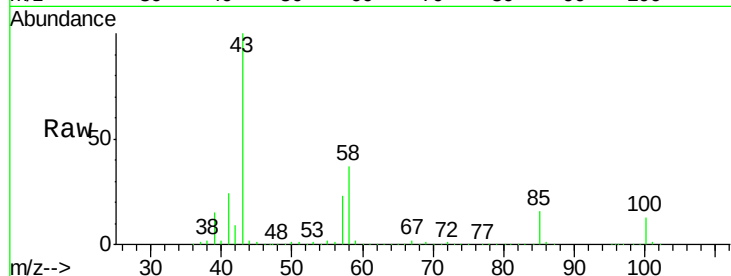
58 36.4 28.6 42.8

Manual Integrations

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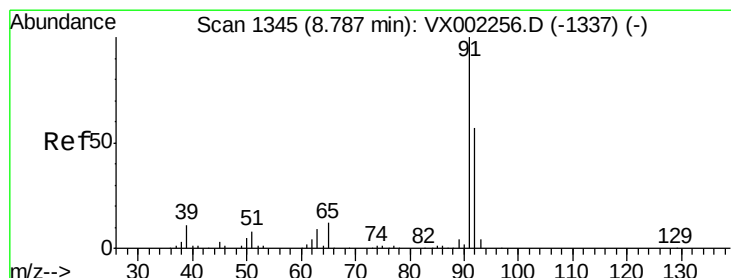
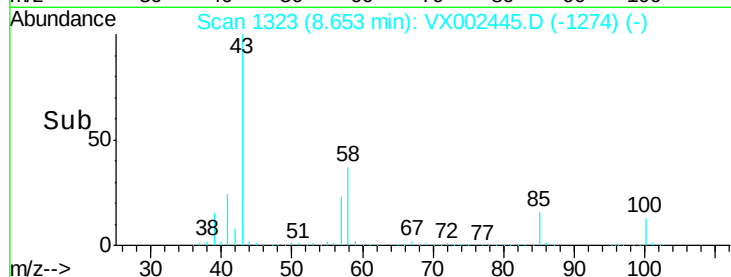
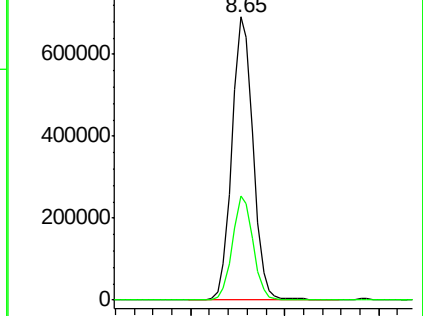
MMDadoda

6/11/2018 5:07:02 PM



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 49.14 ug/l

RT: 8.79 min Scan# 1345

Delta R.T. -0.00 min

Lab File: VX002445.D

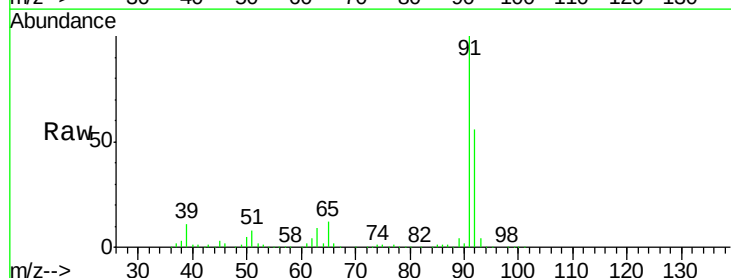
Acq: 11 Jun 2018 16:15

Tgt Ion: 92 Resp: 309721

Ion Ratio Lower Upper

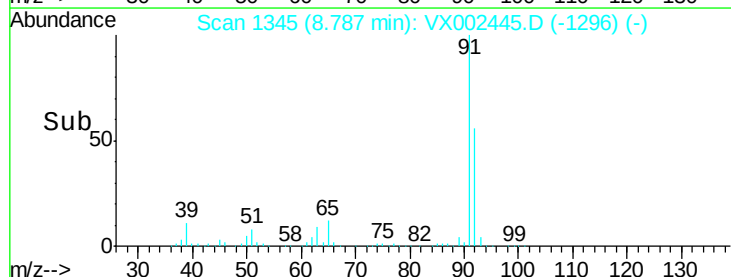
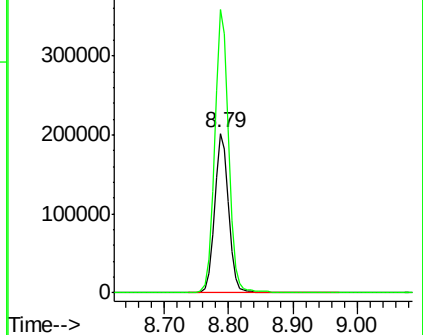
92 100

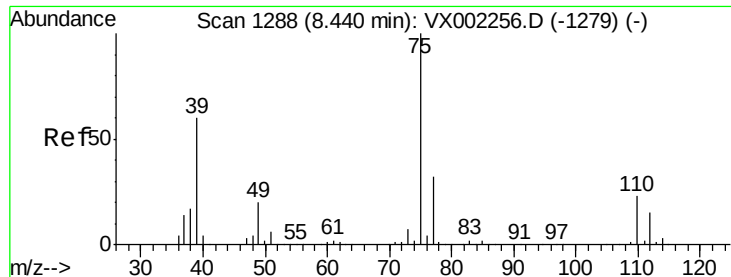
91 176.9 140.4 210.6



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0





#53

t-1,3-Dichloropropene

Concen: 51.62 ug/l

RT: 8.44 min Scan# 1288

Delta R.T. -0.00 min

Lab File: VX002445.D

Acq: 11 Jun 2018 16:15

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 75 Resp: 203054

Ion Ratio Lower Upper

75 100

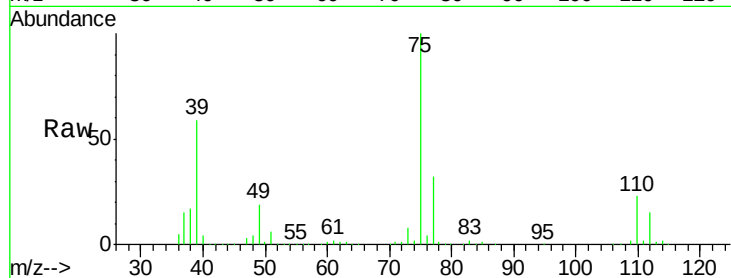
77 31.8 25.4 38.2

Manual Integrations

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Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

150000

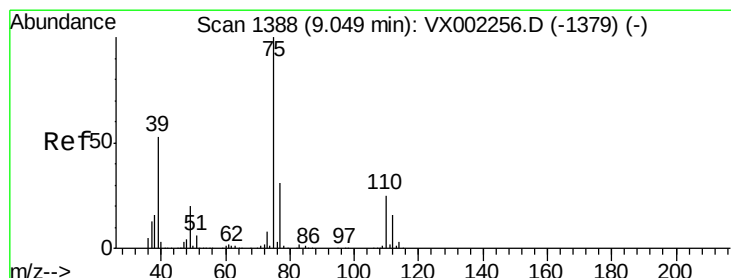
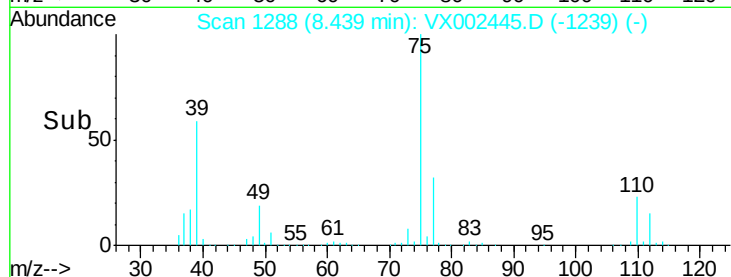
100000

50000

0

8.40 8.50 8.60

Time-->



#54

cis-1,3-Dichloropropene

Concen: 51.53 ug/l

RT: 9.04 min Scan# 1387

Delta R.T. -0.01 min

Lab File: VX002445.D

Acq: 11 Jun 2018 16:15

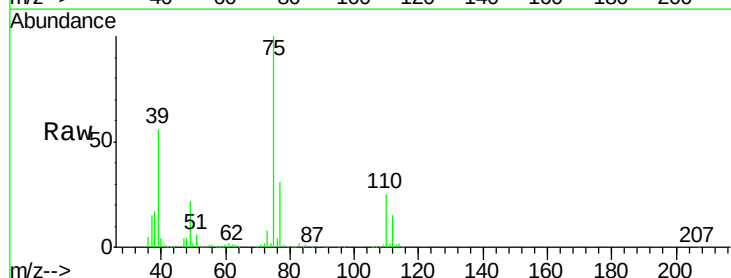
Tgt Ion: 75 Resp: 191256

Ion Ratio Lower Upper

75 100

77 30.9 24.8 37.2

39 55.5 42.4 63.6



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

150000

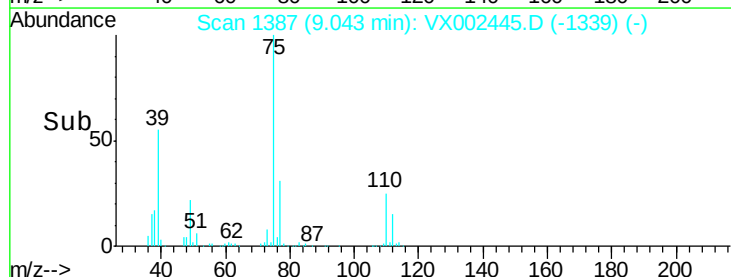
100000

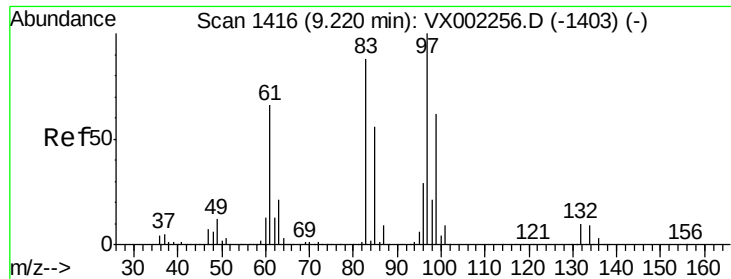
50000

0

9.00 9.10

Time-->





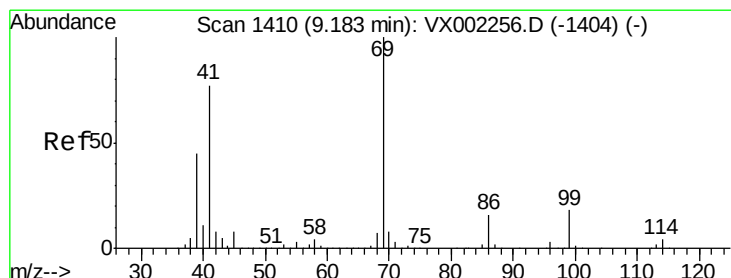
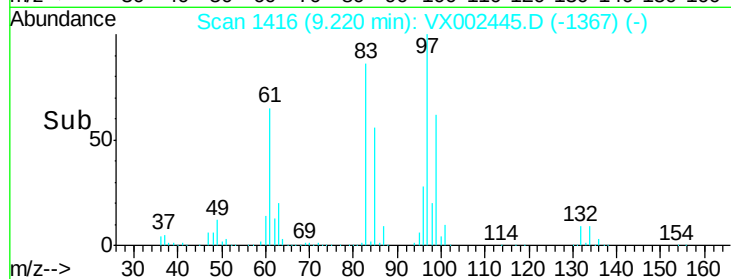
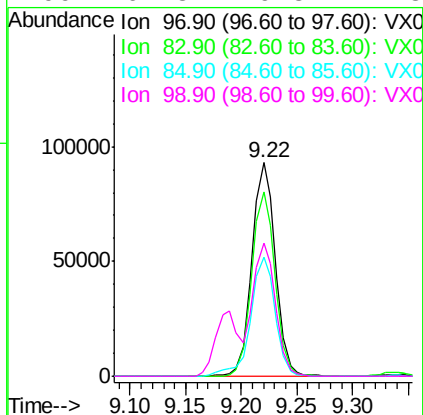
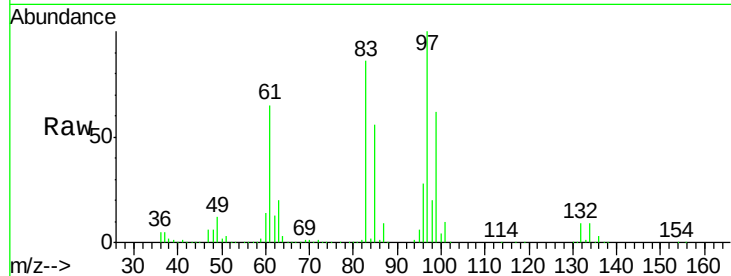
#55
 1,1,2-Trichloroethane
 Concen: 52.75 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. -0.00 min
 Lab File: VX002445.D
 Acq: 11 Jun 2018 16:15

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:	97	Resp:	136744
Ion	Ratio	Lower	Upper
97	100		
83	86.4	70.2	105.2
85	55.5	44.9	67.3
99	62.3	49.8	74.8

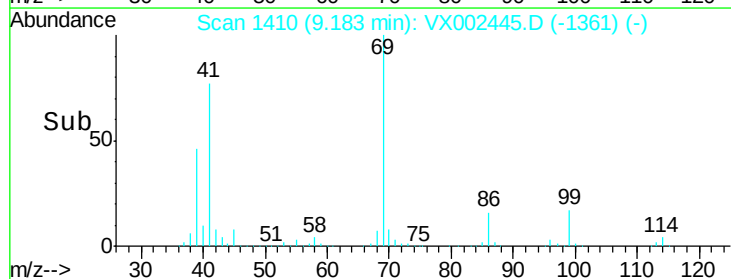
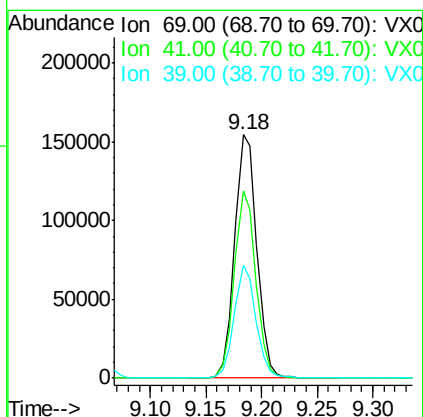
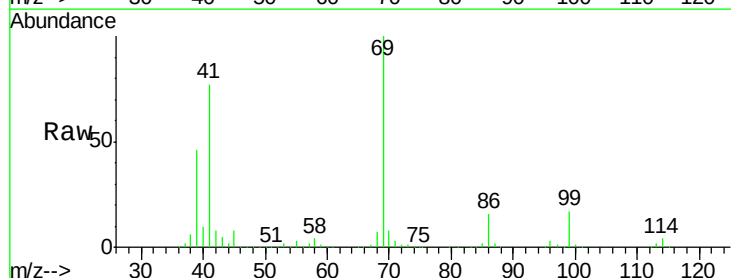
Manual Integrations
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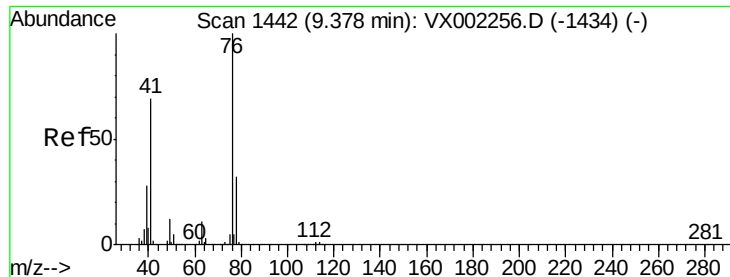
MMDadoda
 6/11/2018 5:07:02 PM



#56
 Ethyl methacrylate
 Concen: 51.61 ug/l
 RT: 9.18 min Scan# 1410
 Delta R.T. -0.00 min
 Lab File: VX002445.D
 Acq: 11 Jun 2018 16:15

Tgt Ion:	69	Resp:	213609
Ion	Ratio	Lower	Upper
69	100		
41	75.1	60.3	90.5
39	44.8	35.8	53.8





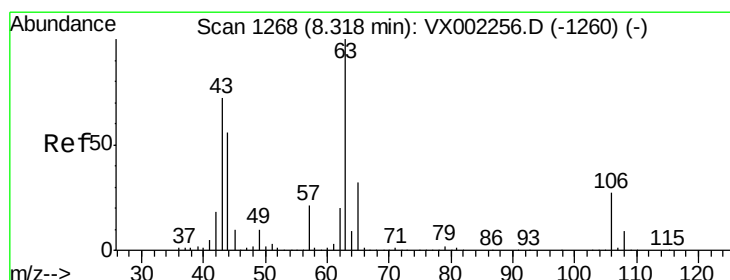
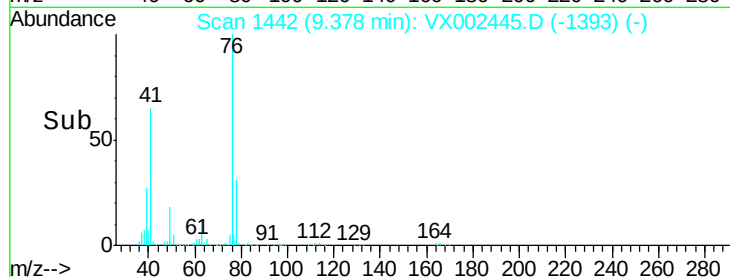
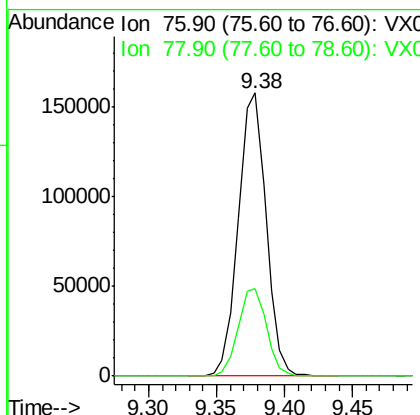
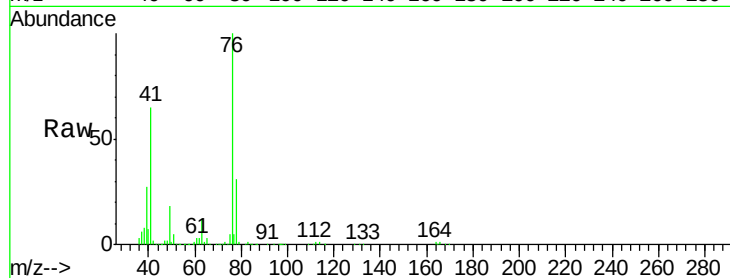
#57
 1,3-Dichloropropane
 Concen: 51.81 ug/l
 RT: 9.38 min Scan# 1442
 Delta R.T. -0.00 min
 Lab File: VX002445.D
 Acq: 11 Jun 2018 16:15

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 76 Resp: 225325
 Ion Ratio Lower Upper
 76 100
 78 31.7 25.8 38.6

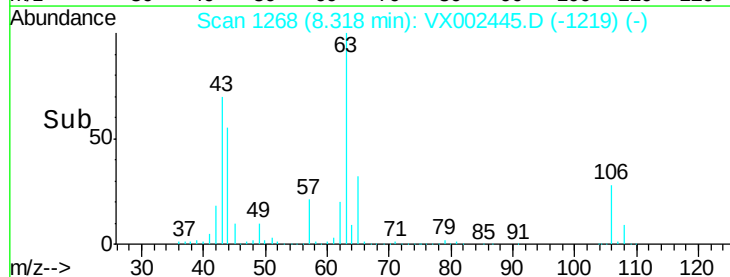
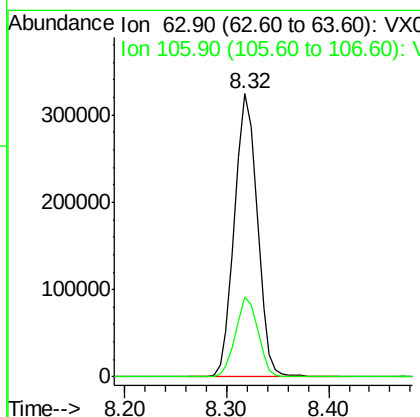
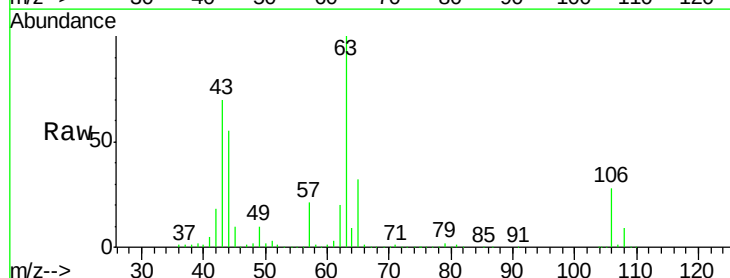
Manual Integrations
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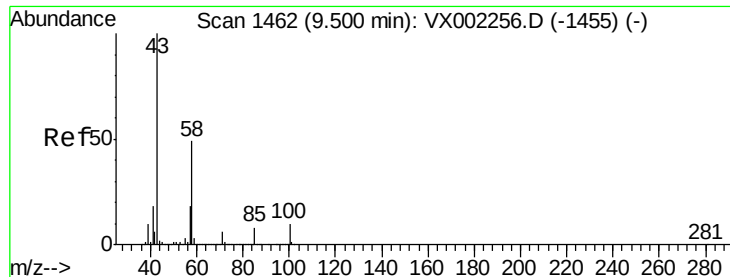
MMDadoda
 6/11/2018 5:07:02 PM



#58
 2-Chloroethyl Vinyl ether
 Concen: 261.76 ug/l
 RT: 8.32 min Scan# 1268
 Delta R.T. -0.00 min
 Lab File: VX002445.D
 Acq: 11 Jun 2018 16:15

Tgt Ion: 63 Resp: 501442
 Ion Ratio Lower Upper
 63 100
 106 27.8 21.8 32.8





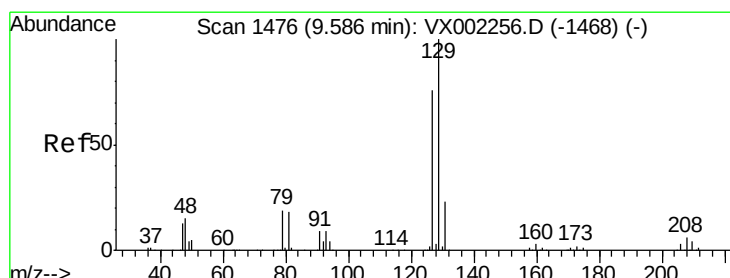
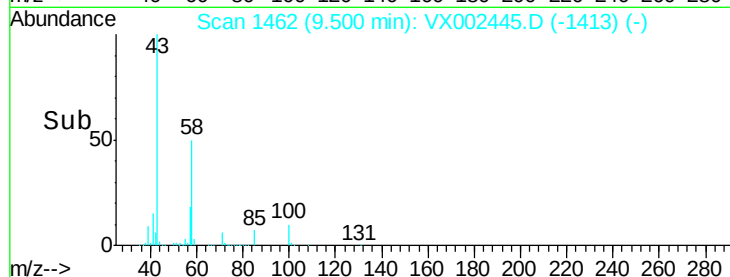
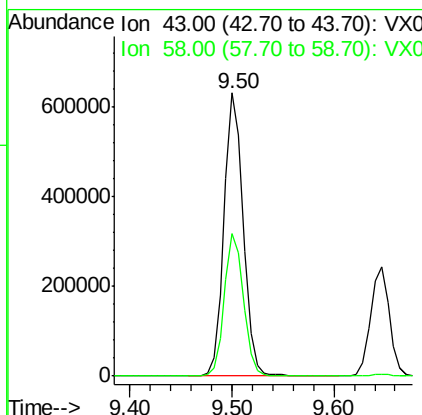
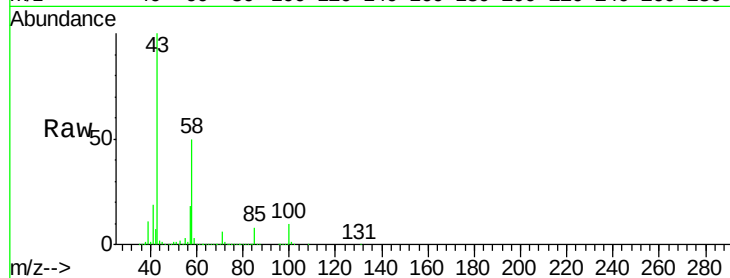
#59
2-Hexanone
Concen: 261.00 ug/l
RT: 9.50 min Scan# 1462
Delta R.T. -0.00 min
Lab File: VX002445.D
Acq: 11 Jun 2018 16:15

Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050EC

Tot Ion: 43 Resp: 828860
Ion Ratio Lower Upper
43 100
58 50.1 24.6 73.6

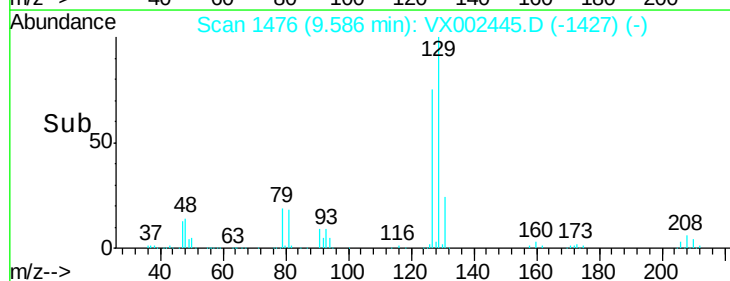
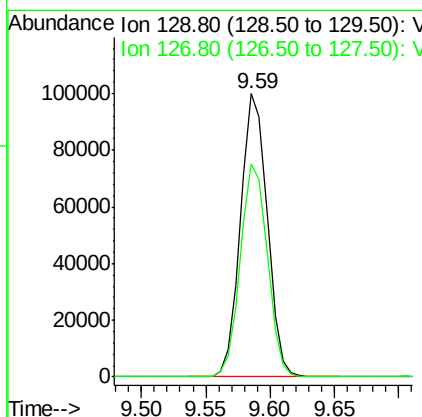
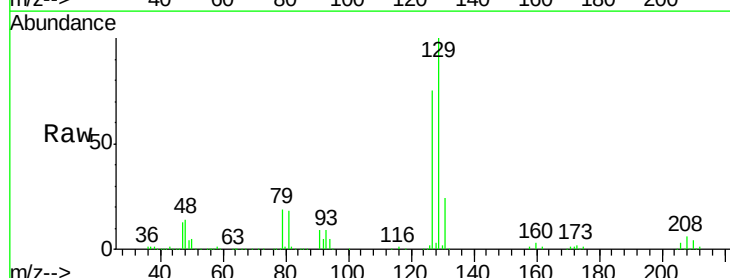
Manual Integrations
APPROVED

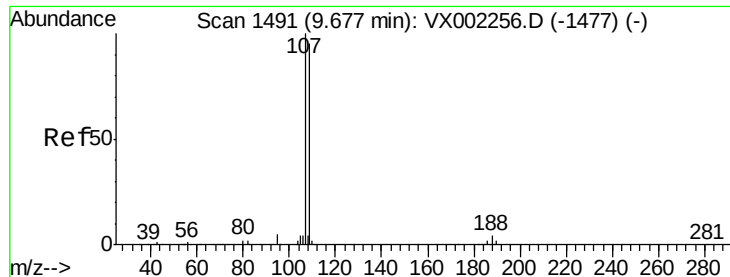
MMDadoda
6/11/2018 5:07:02 PM



#60
Dibromochloromethane
Concen: 55.05 ug/l
RT: 9.59 min Scan# 1476
Delta R.T. -0.00 min
Lab File: VX002445.D
Acq: 11 Jun 2018 16:15

Tgt Ion:129 Resp: 143554
Ion Ratio Lower Upper
129 100
127 76.1 38.5 115.3





#61

1,2-Dibromoethane

Concen: 52.82 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. -0.00 min

Lab File: VX002445.D

Acq: 11 Jun 2018 16:15

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 107 Resp: 142776

Ion Ratio Lower Upper

107 100

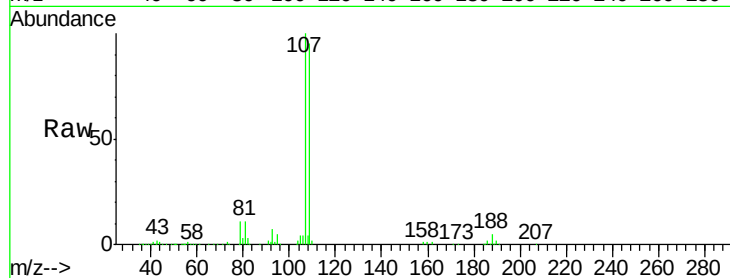
109 94.5 75.3 112.9

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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

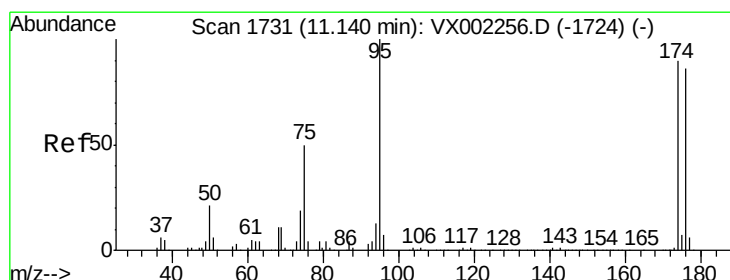
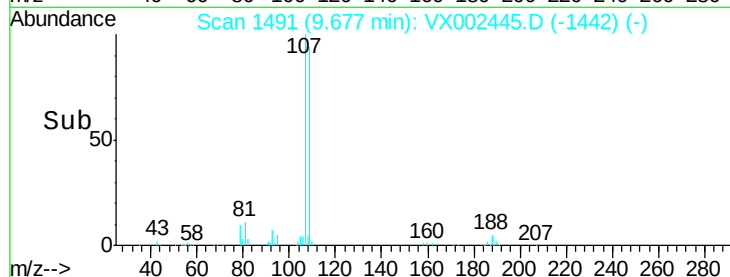
60000

40000

20000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 19.24 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.00 min

Lab File: VX002445.D

Acq: 11 Jun 2018 16:15

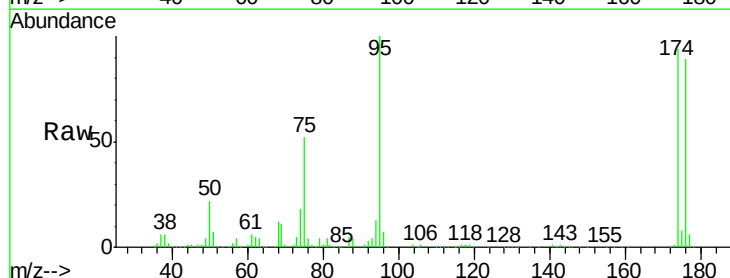
Tgt Ion: 95 Resp: 68772

Ion Ratio Lower Upper

95 100

174 96.8 0.0 187.4

176 94.4 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

11.14

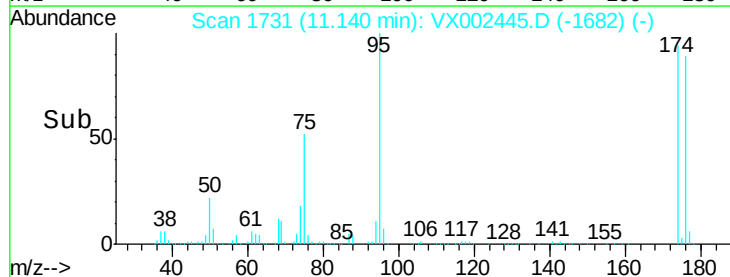
60000

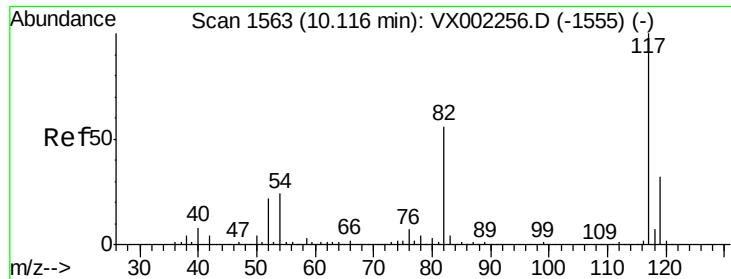
40000

20000

0

Time-->





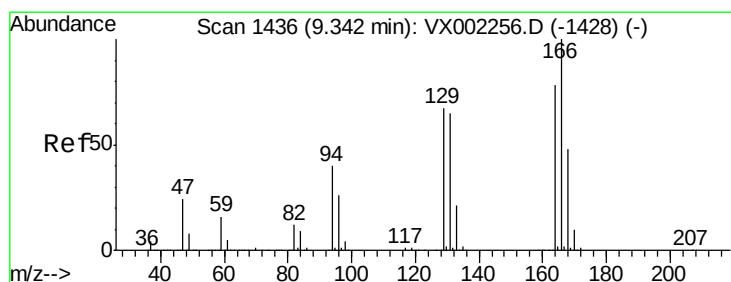
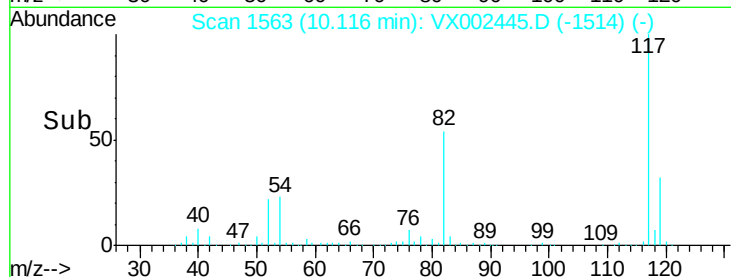
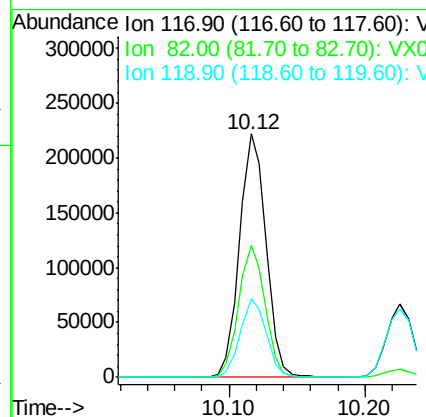
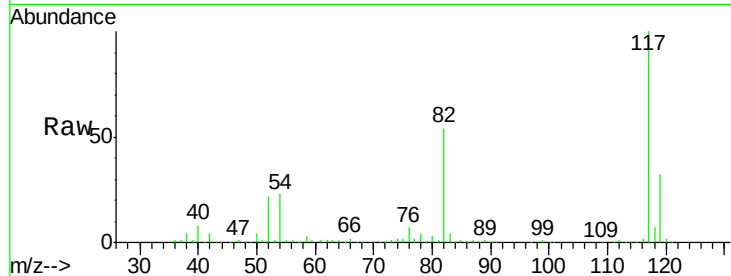
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX002445.D
Acq: 11 Jun 2018 16:15

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
117	100	301854		
82	54.4	45.0	67.4	
119	32.1	25.8	38.6	

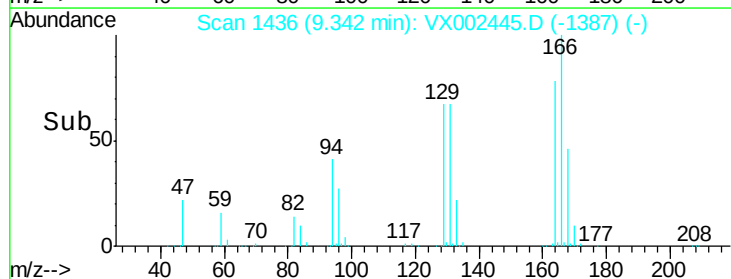
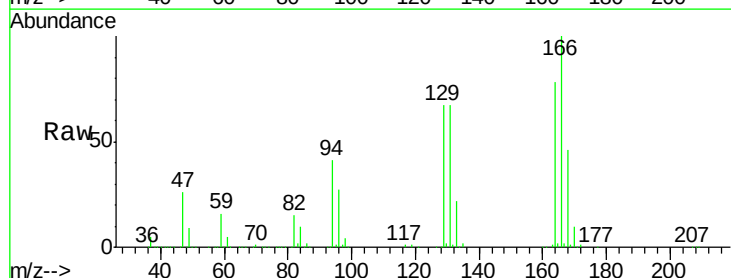
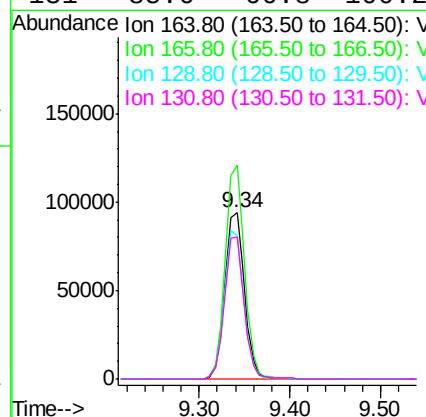
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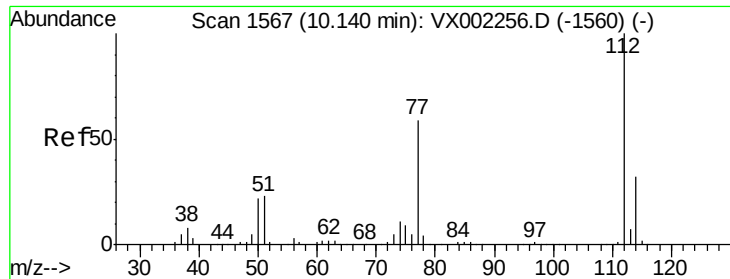
MMDadoda
6/11/2018 5:07:02 PM



#64
Tetrachloroethene
Concen: 45.82 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. -0.00 min
Lab File: VX002445.D
Acq: 11 Jun 2018 16:15

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	142647		
166	128.5	102.9	154.3	
129	86.6	68.6	102.8	
131	85.6	66.8	100.2	





#65

Chlorobenzene

Concen: 48.51 ug/l

RT: 10.14 min Scan# 1567

Delta R.T. -0.00 min

Lab File: VX002445.D

Acq: 11 Jun 2018 16:15

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:112 Resp: 364336

Ion Ratio Lower Upper

112 100

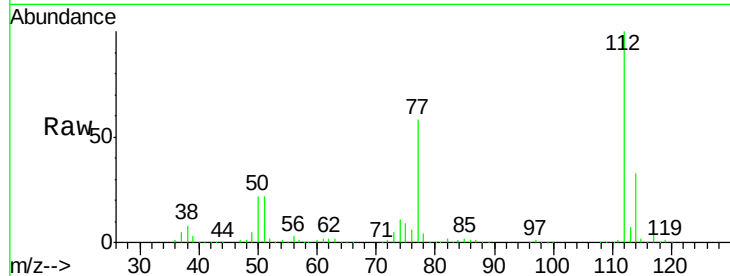
114 33.1 25.3 37.9

Manual Integrations

APPROVED

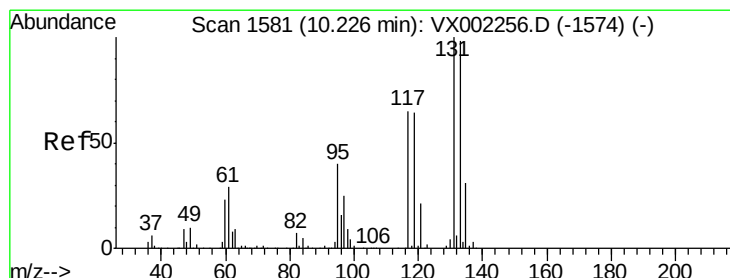
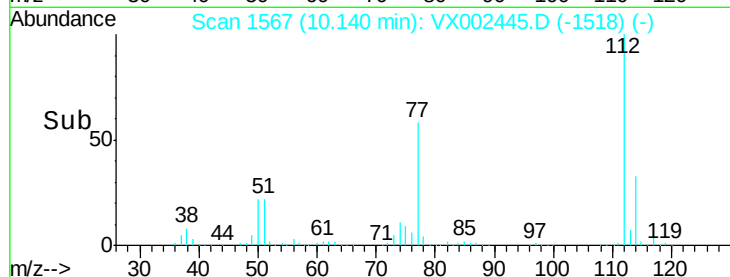
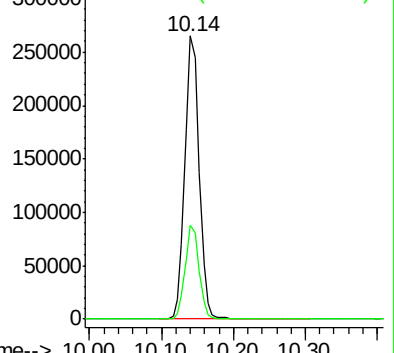
MMDadoda

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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: 51.39 ug/l

RT: 10.23 min Scan# 1581

Delta R.T. -0.00 min

Lab File: VX002445.D

Acq: 11 Jun 2018 16:15

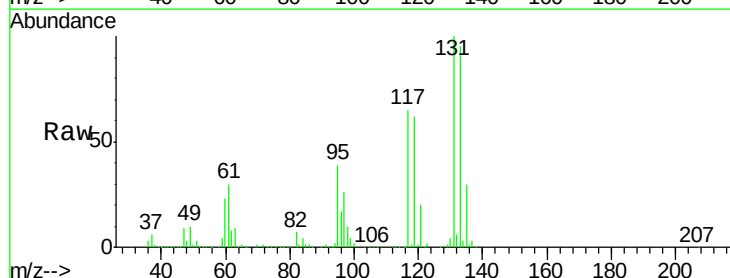
Tgt Ion:131 Resp: 139764

Ion Ratio Lower Upper

131 100

133 94.9 47.9 143.6

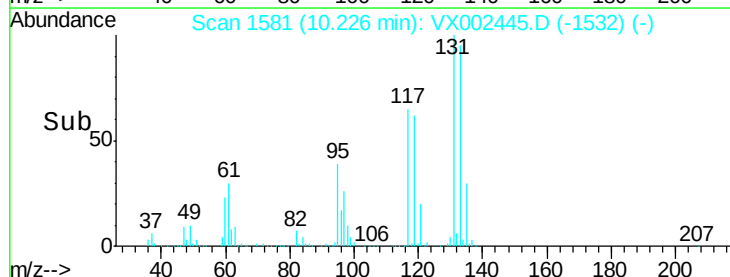
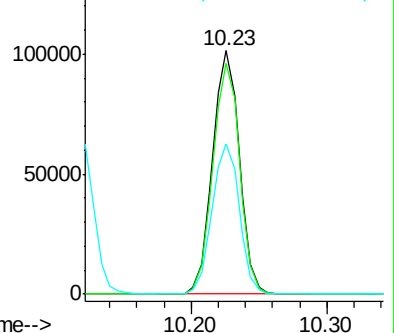
119 62.7 31.8 95.3

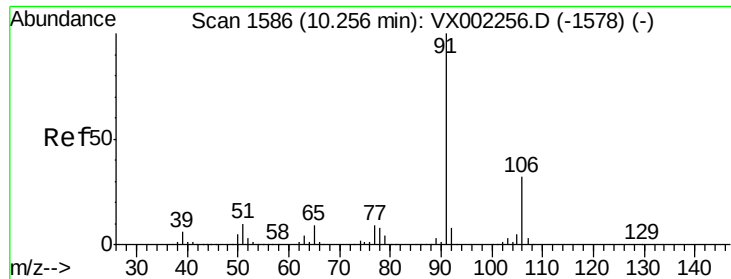


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





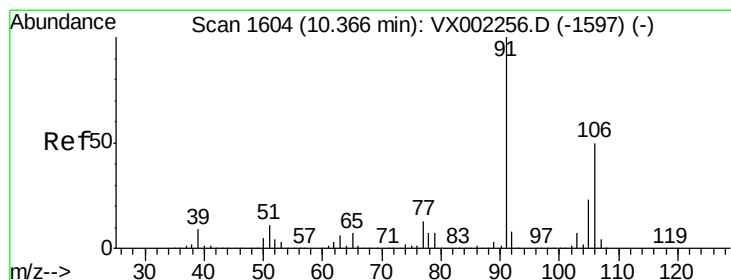
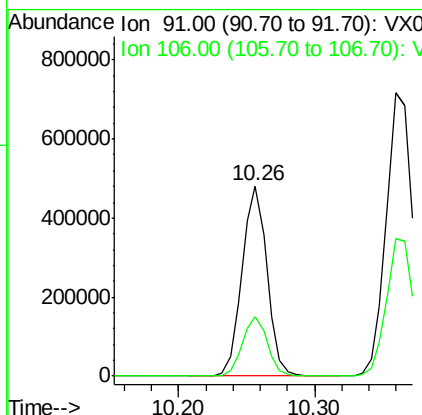
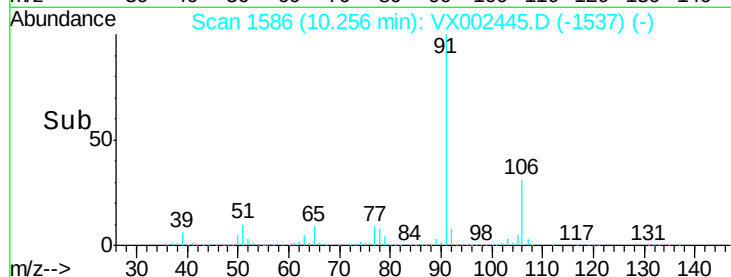
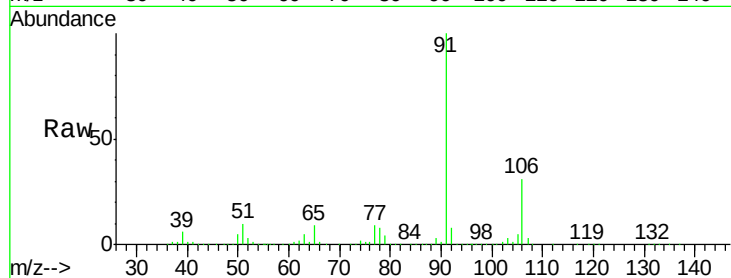
#67
Ethyl Benzene
Concen: 49.03 ug/l
RT: 10.26 min Scan# 1586
Delta R.T. -0.00 min
Lab File: VX002445.D
Acq: 11 Jun 2018 16:15

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 91 Resp: 616298
Ion Ratio Lower Upper
91 100
106 31.3 25.5 38.3

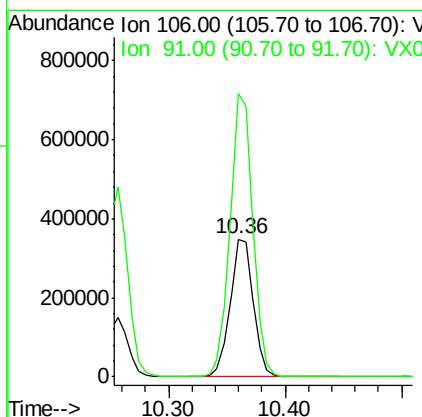
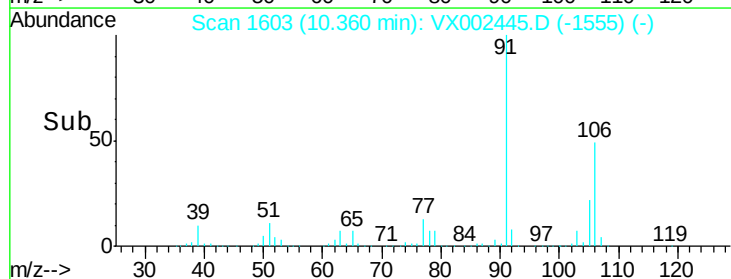
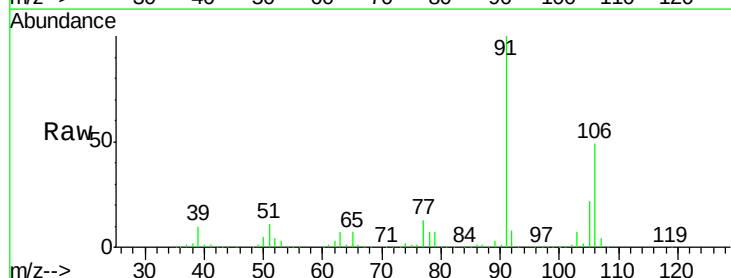
Manual Integrations
APPROVED

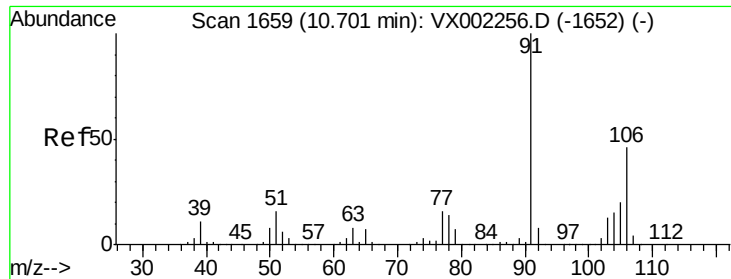
MMDadoda
6/11/2018 5:07:02 PM



#68
m/p-Xylenes
Concen: 98.32 ug/l
RT: 10.36 min Scan# 1603
Delta R.T. -0.01 min
Lab File: VX002445.D
Acq: 11 Jun 2018 16:15

Tgt Ion: 106 Resp: 480431
Ion Ratio Lower Upper
106 100
91 204.1 163.4 245.2





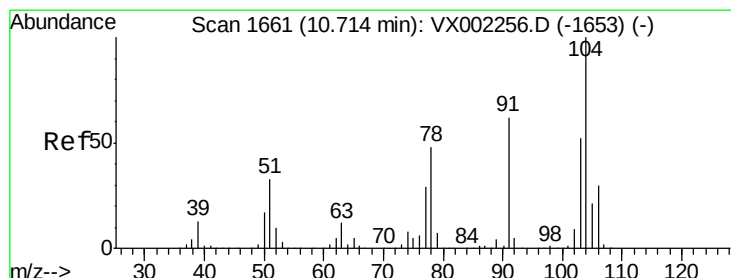
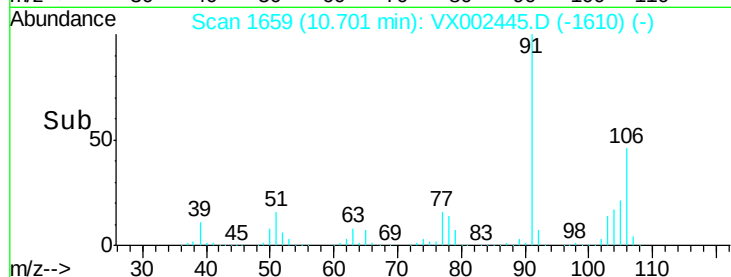
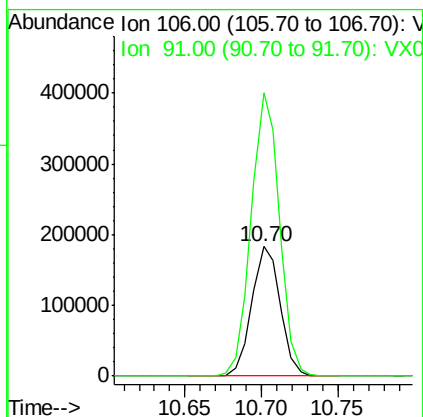
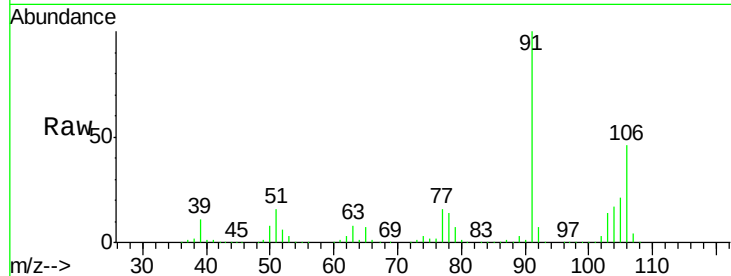
#69
o-Xylene
Concen: 48.92 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. -0.00 min
Lab File: VX002445.D
Acq: 11 Jun 2018 16:15

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:106 Resp: 237878
Ion Ratio Lower Upper
106 100
91 216.9 108.2 324.6

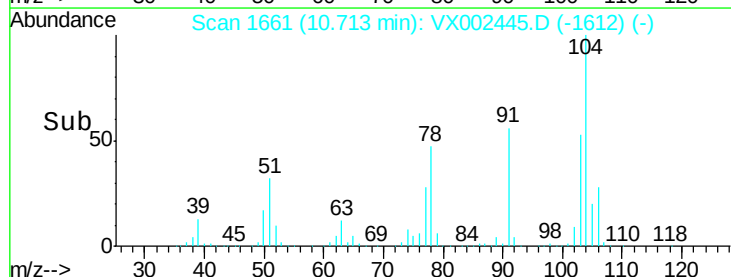
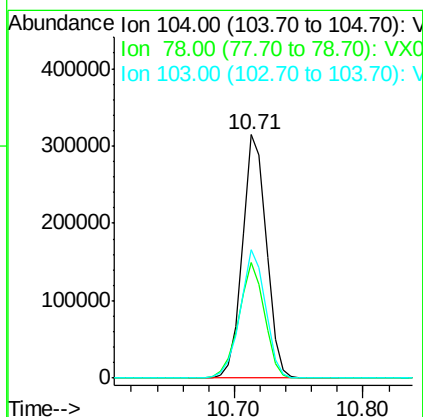
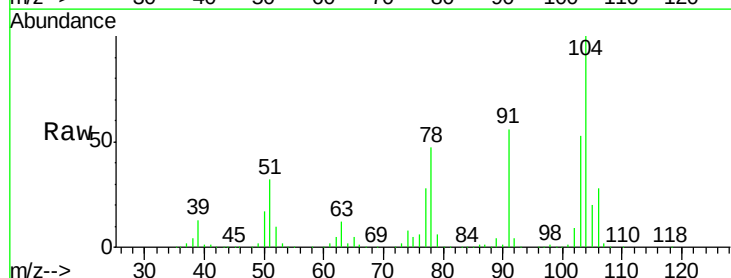
Manual Integrations
APPROVED

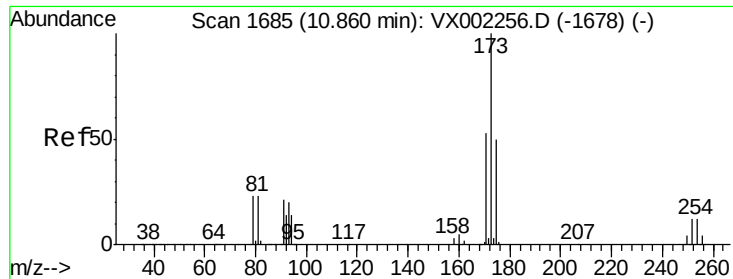
MMDadoda
6/11/2018 5:07:02 PM



#70
Styrene
Concen: 50.70 ug/l
RT: 10.71 min Scan# 1661
Delta R.T. -0.00 min
Lab File: VX002445.D
Acq: 11 Jun 2018 16:15

Tgt Ion:104 Resp: 403031
Ion Ratio Lower Upper
104 100
78 51.2 41.0 61.6
103 56.0 44.2 66.4





#71

Bromoform

Concen: 46.38 ug/l

RT: 10.86 min Scan# 1685

Delta R.T. 0.00 min

Lab File: VX002445.D

Acq: 11 Jun 2018 16:15

Instrument :

MSVOA_X

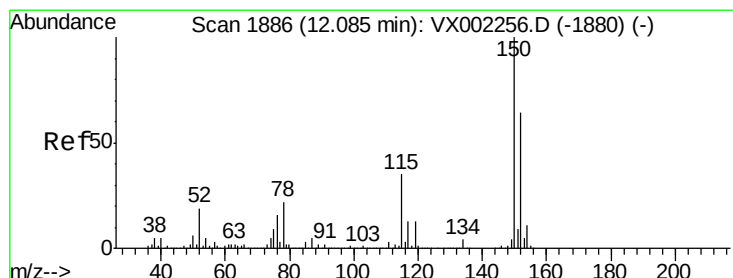
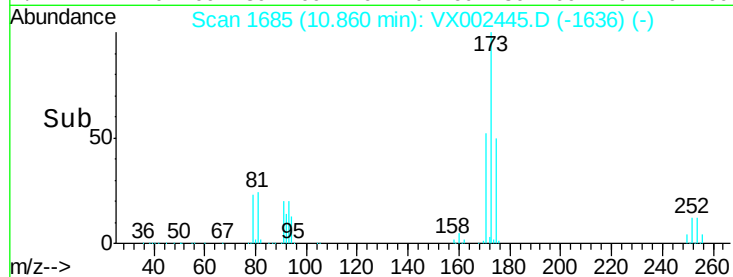
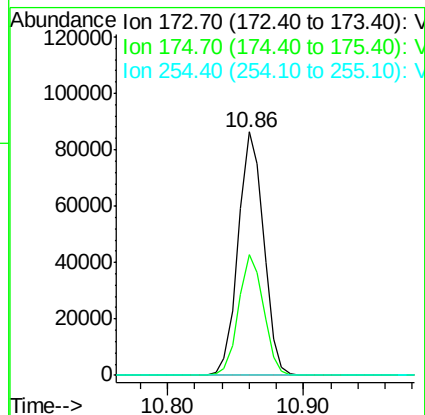
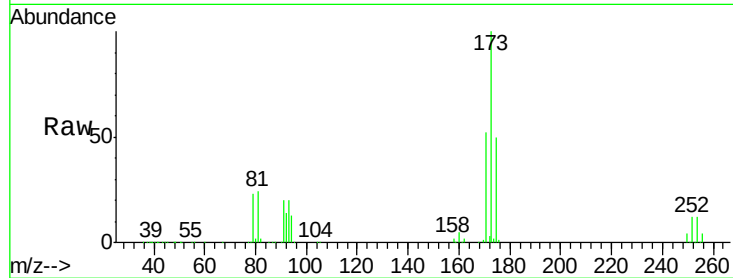
ClientSampleId :

VSTDCCC050EC

Tot Ion:	173	Resp:	112302
Ion Ratio	Lower	Upper	
173	100		
175	49.0	24.7	74.1
254	0.2	0.2	0.2

Manual Integrations
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6/11/2018 5:07:02 PM



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

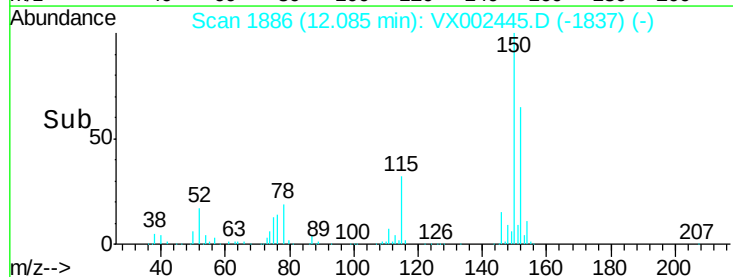
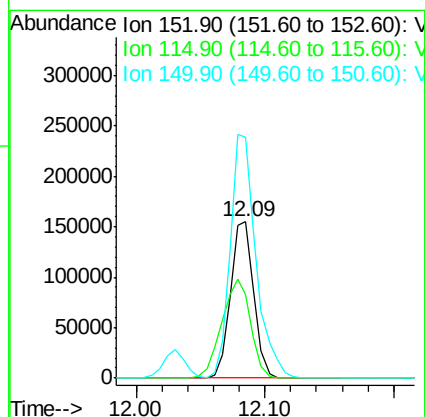
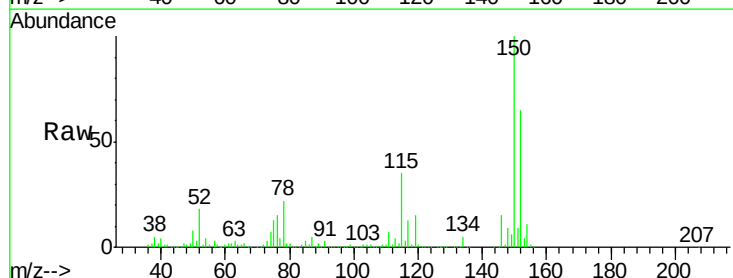
RT: 12.09 min Scan# 1886

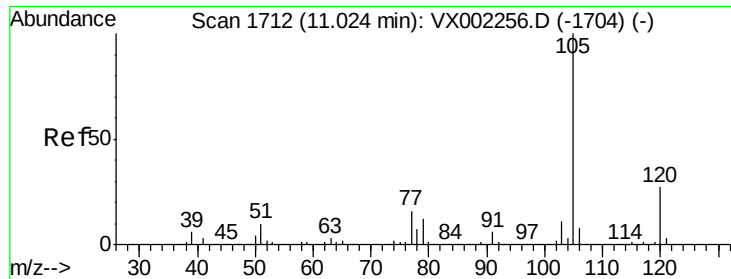
Delta R.T. -0.00 min

Lab File: VX002445.D

Acq: 11 Jun 2018 16:15

Tgt Ion:	152	Resp:	196023
Ion Ratio	Lower	Upper	
152	100		
115	78.7	40.1	120.2
150	172.7	0.0	347.2





#73

Isopropylbenzene

Concen: 46.92 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. -0.00 min

Lab File: VX002445.D

Acq: 11 Jun 2018 16:15

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 639846

Ion Ratio Lower Upper

105 100

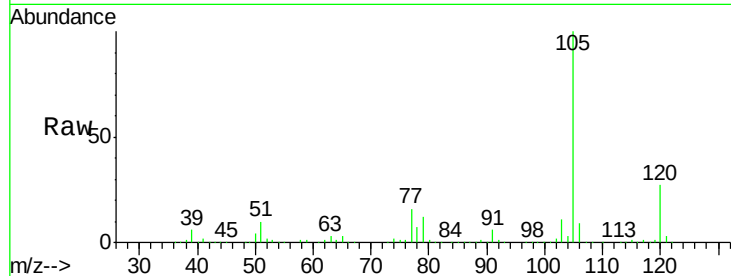
120 27.1 13.5 40.4

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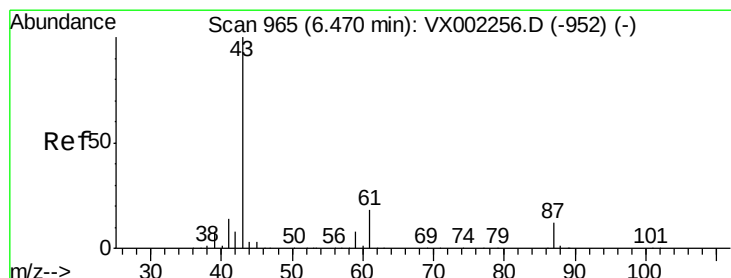
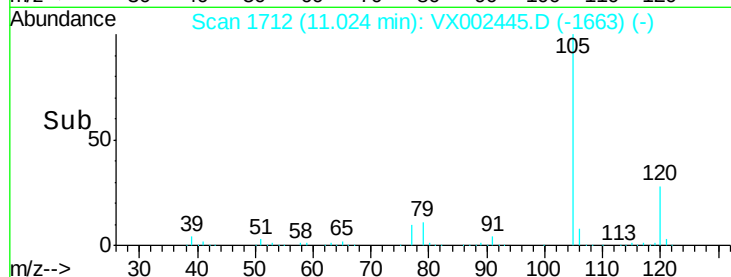
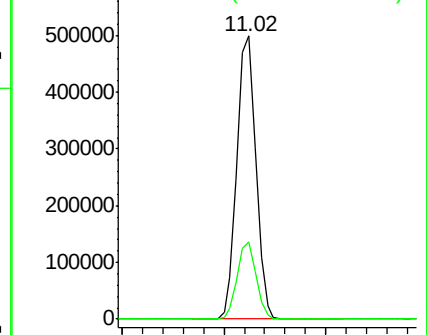
MMDadoda

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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: 45.43 ug/l

RT: 6.47 min Scan# 965

Delta R.T. -0.00 min

Lab File: VX002445.D

Acq: 11 Jun 2018 16:15

Tgt Ion: 43 Resp: 333824

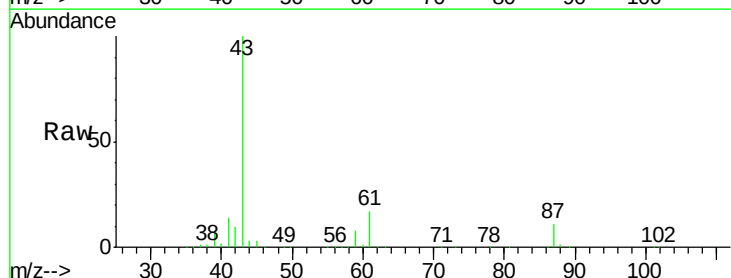
Ion Ratio Lower Upper

43 100

70 0.0 0.0 0.0

55 0.0 0.0 0.0

61 17.7 14.4 21.6

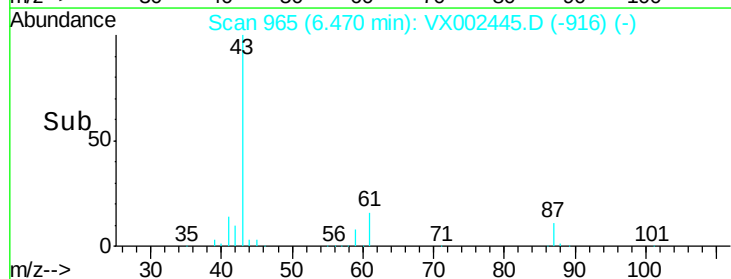
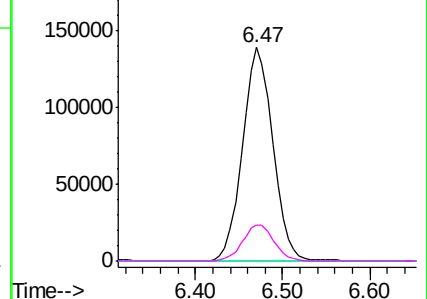


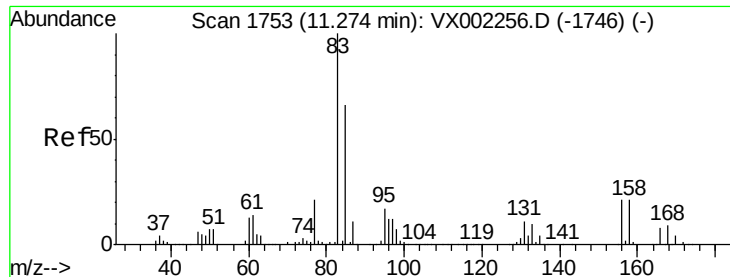
Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 48.73 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. -0.00 min

Lab File: VX002445.D

Acq: 11 Jun 2018 16:15

Instrument :

MSVOA_X

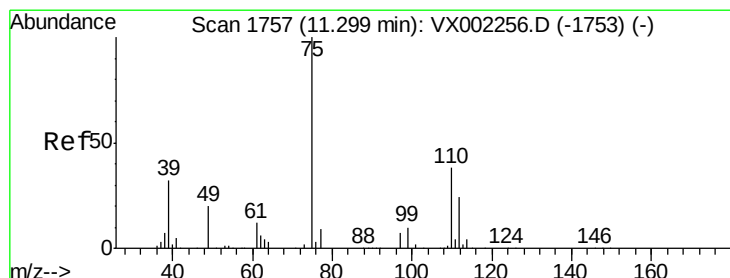
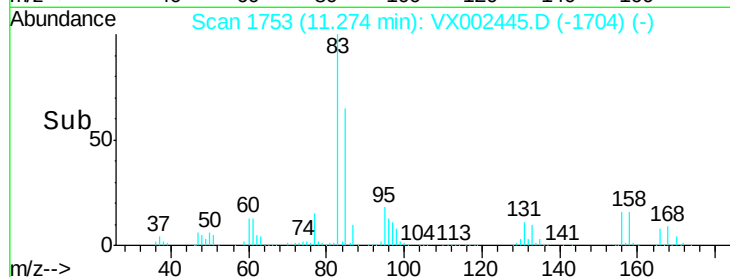
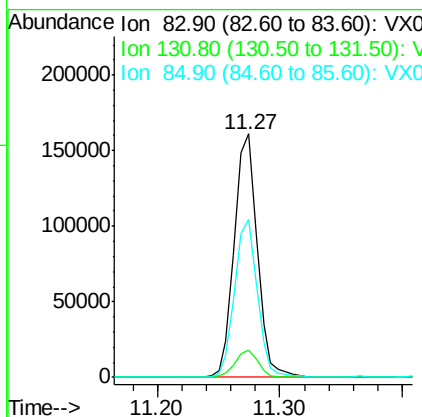
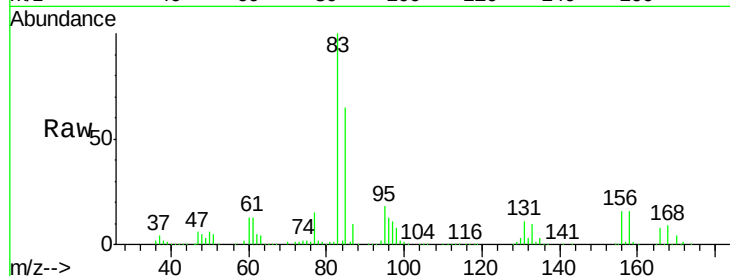
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	209009
Ion Ratio	Lower	Upper	
83	100		
131	11.1	5.6	16.8
85	64.3	32.4	97.2

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 42.44 ug/l m

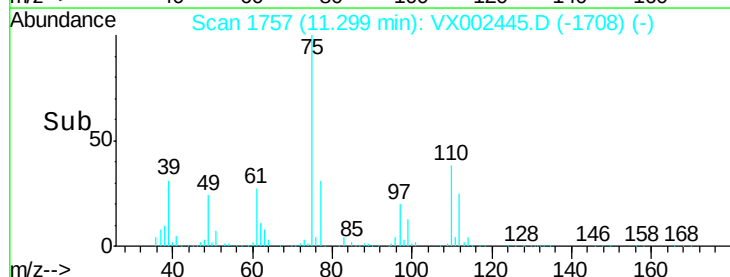
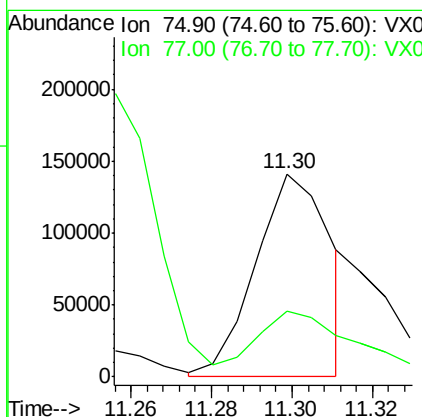
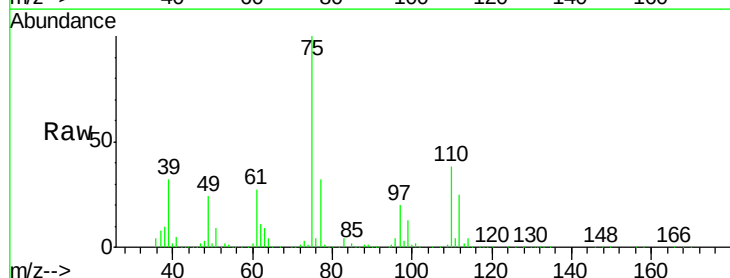
RT: 11.30 min Scan# 1757

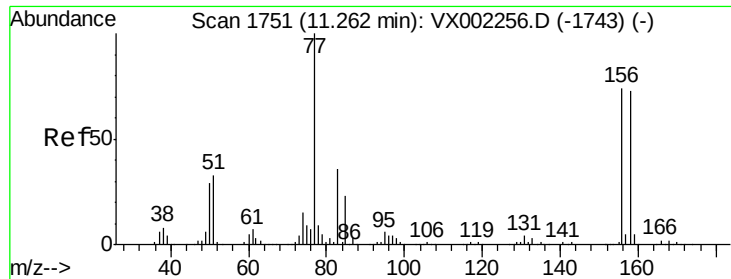
Delta R.T. -0.00 min

Lab File: VX002445.D

Acq: 11 Jun 2018 16:15

Tgt Ion:	75	Resp:	182545
Ion Ratio	Lower	Upper	
75	100		
77	43.0	22.8	68.3





#77

Bromobenzene

Concen: 46.89 ug/l

RT: 11.26 min Scan# 1750

Delta R.T. -0.01 min

Lab File: VX002445.D

Acq: 11 Jun 2018 16:15

Instrument :

MSVOA_X

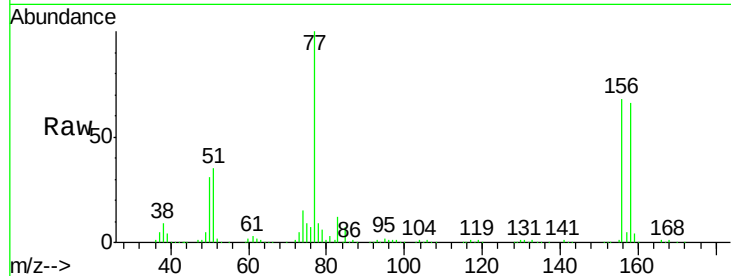
ClientSampled :

VSTDCCC050EC

Tot Ion:	156	Resp:	179511
Ion Ratio	Lower	Upper	
156	100		
77	139.9	71.4	214.2
158	97.3	48.9	146.6

Manual Integrations
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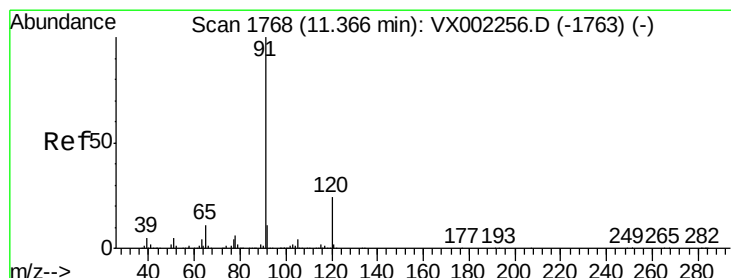
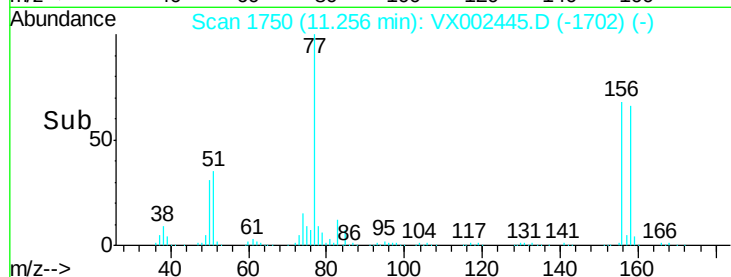
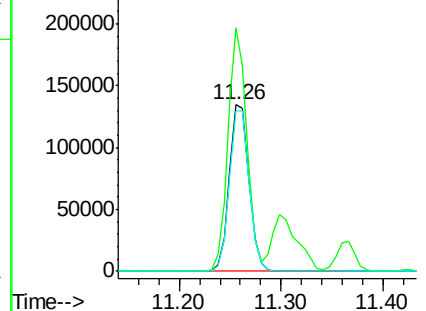
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Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 48.43 ug/l

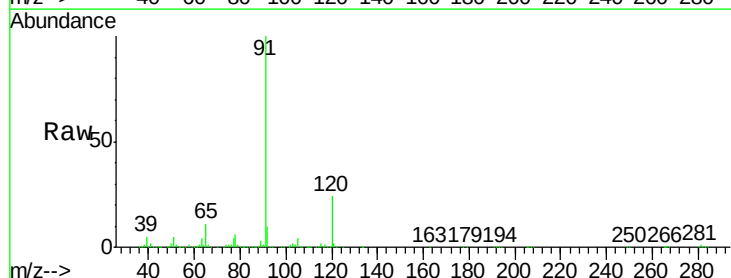
RT: 11.37 min Scan# 1768

Delta R.T. -0.00 min

Lab File: VX002445.D

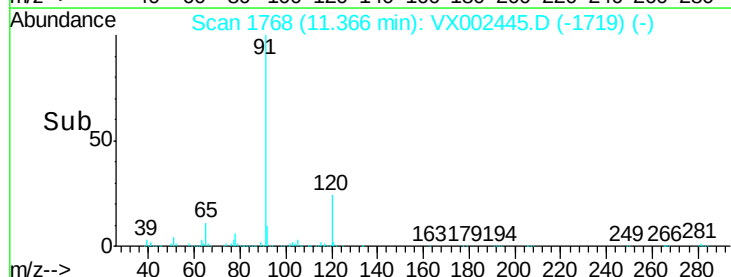
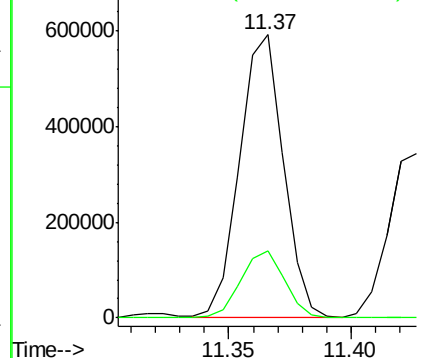
Acq: 11 Jun 2018 16:15

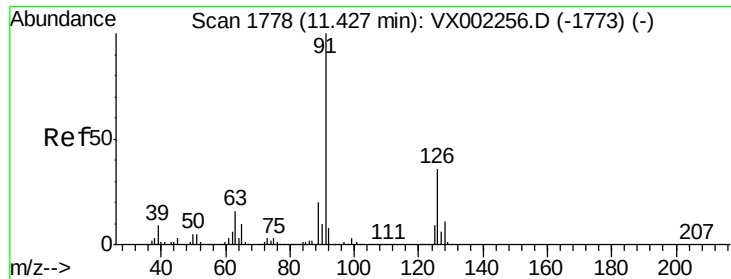
Tgt Ion:	91	Resp:	734004
Ion Ratio	Lower	Upper	
91	100		
120	23.7	11.8	35.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 45.68 ug/l

RT: 11.43 min Scan# 1778

Delta R.T. -0.00 min

Lab File: VX002445.D

Acq: 11 Jun 2018 16:15

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 91 Resp: 437175

Ion Ratio Lower Upper

91 100

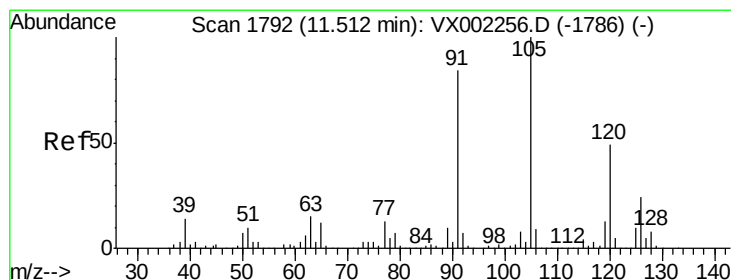
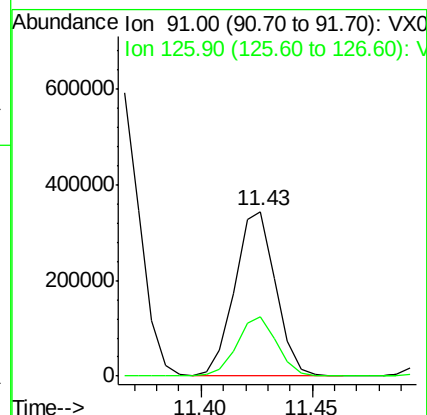
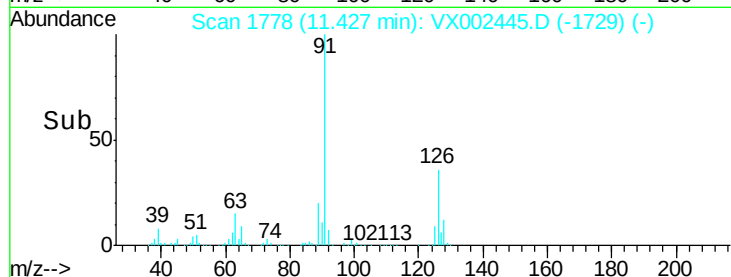
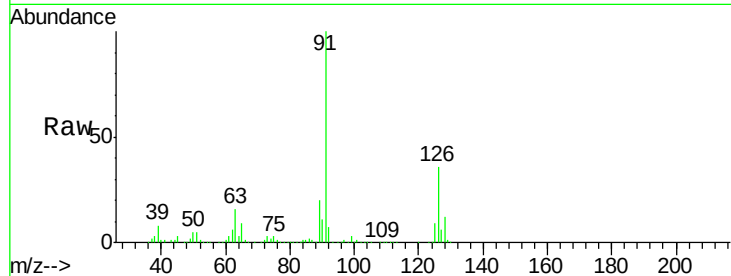
126 35.6 17.7 53.1

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#80

1,3,5-Trimethylbenzene

Concen: 47.11 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX002445.D

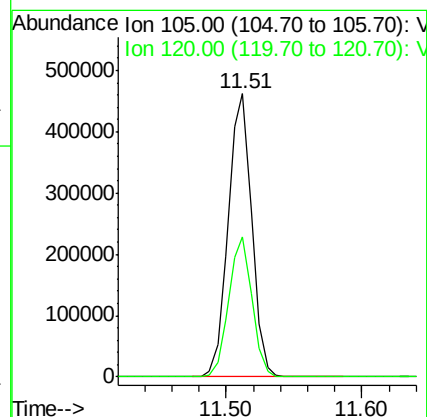
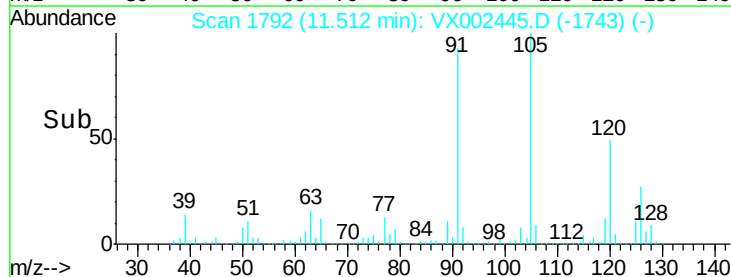
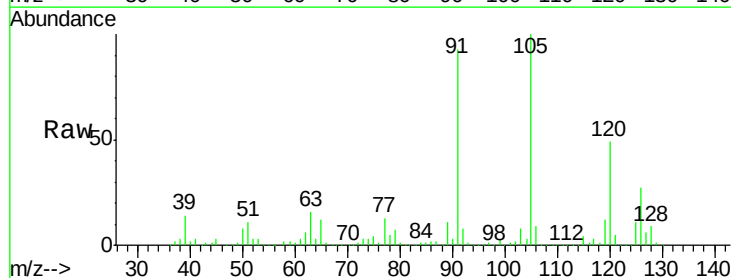
Acq: 11 Jun 2018 16:15

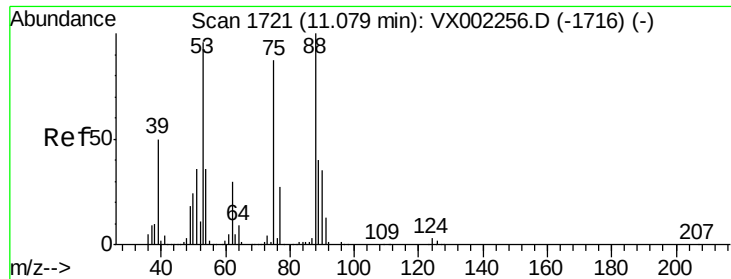
Tgt Ion: 105 Resp: 551009

Ion Ratio Lower Upper

105 100

120 49.0 24.4 73.4





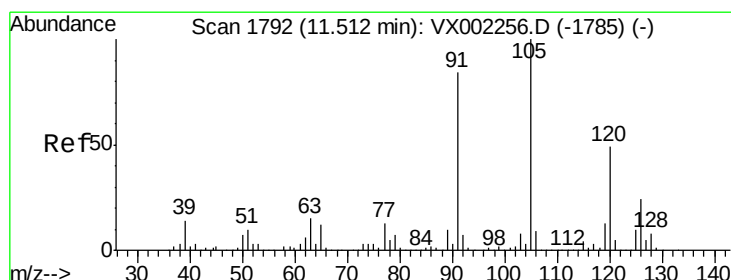
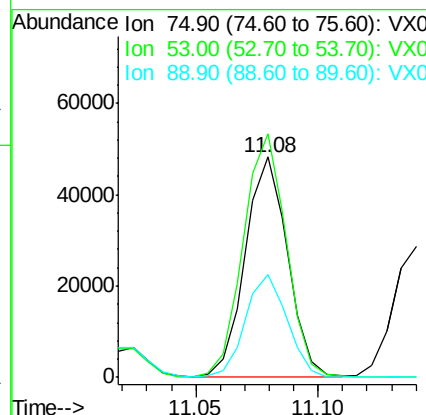
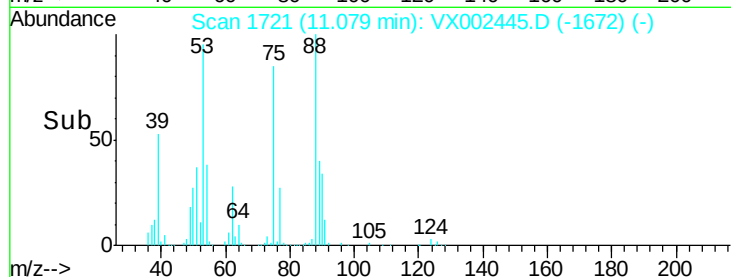
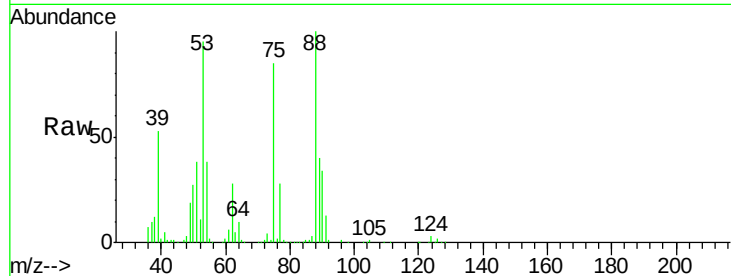
#81
trans-1,4-Dichloro-2-butene
Concen: 47.20 ug/l
RT: 11.08 min Scan# 1721
Delta R.T. -0.00 min
Lab File: VX002445.D
Acq: 11 Jun 2018 16:15

Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
75	100		
53	112.0	86.8	130.2
89	46.4	38.2	57.2

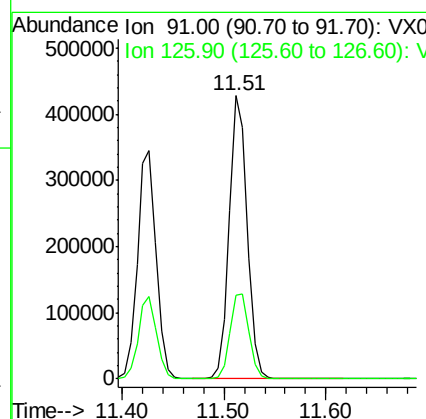
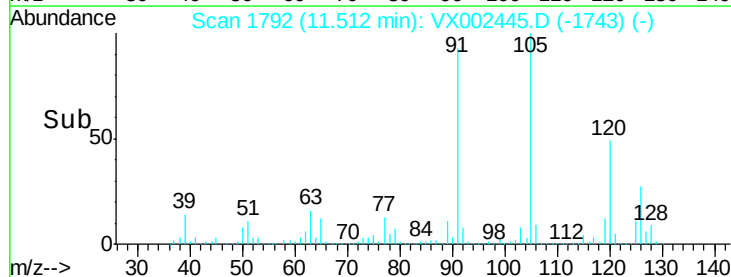
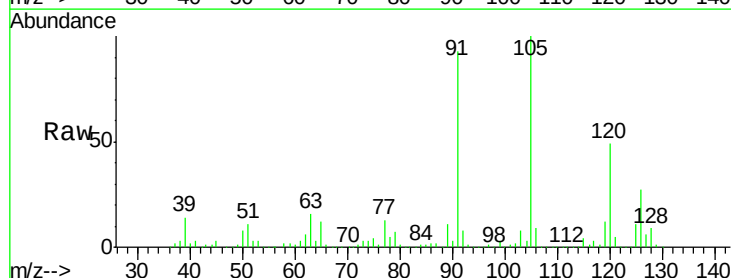
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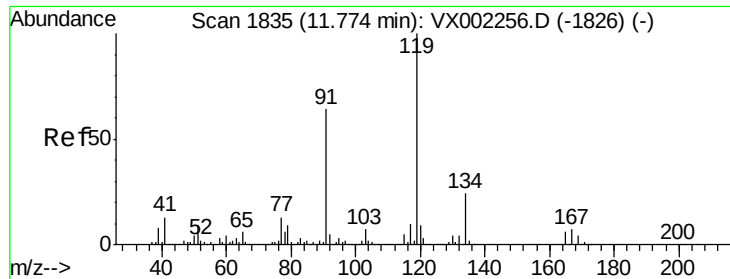
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#82
4-Chlorotoluene
Concen: 47.14 ug/l
RT: 11.51 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX002445.D
Acq: 11 Jun 2018 16:15

Tgt Ion	Ratio	Lower	Upper
91	100		
126	31.5	15.4	46.4





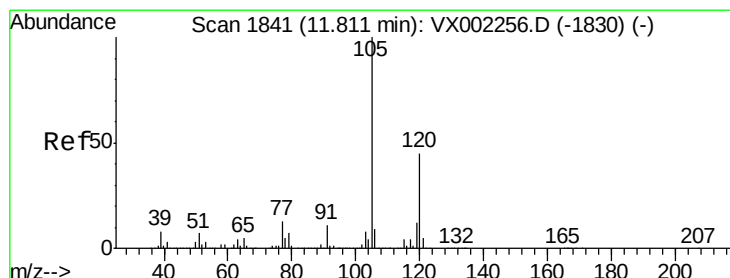
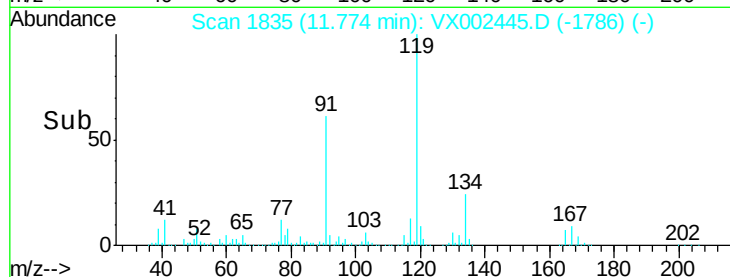
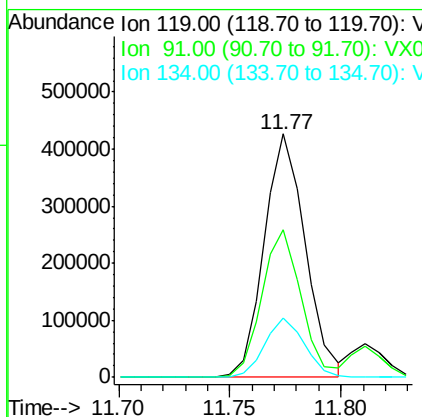
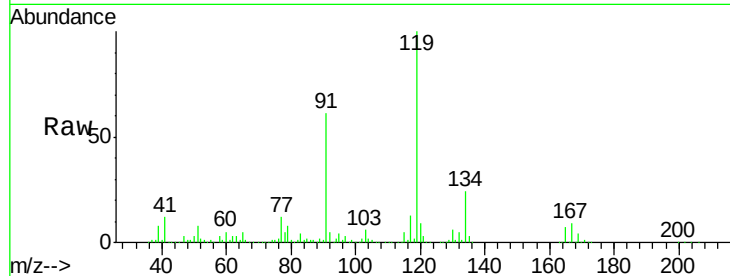
#83
 tert-Butylbenzene
 Concen: 48.03 ug/l
 RT: 11.77 min Scan# 1835
 Delta R.T. -0.00 min
 Lab File: VX002445.D
 Acq: 11 Jun 2018 16:15

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
119	100		
91	58.5	30.3	90.9
134	23.7	11.7	35.1

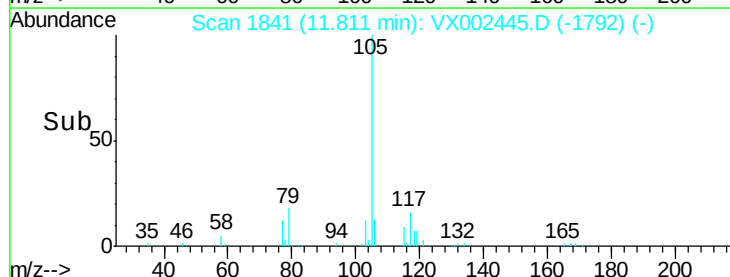
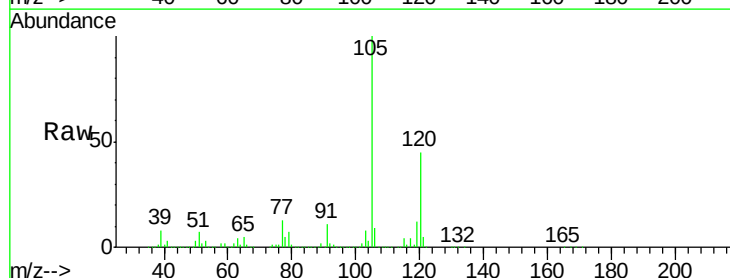
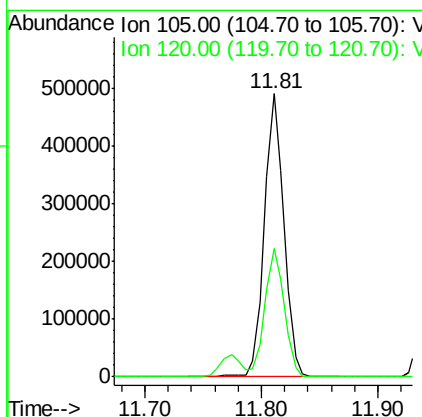
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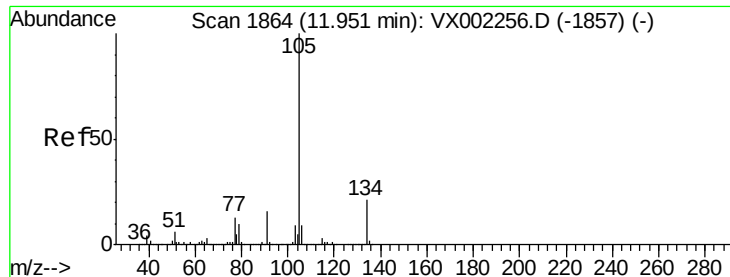
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#84
 1,2,4-Trimethylbenzene
 Concen: 47.31 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. -0.00 min
 Lab File: VX002445.D
 Acq: 11 Jun 2018 16:15

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.1	22.3	66.8





#85

sec-Butylbenzene

Concen: 49.38 ug/l

RT: 11.95 min Scan# 1864

Delta R.T. -0.00 min

Lab File: VX002445.D

Acq: 11 Jun 2018 16:15

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 659272

Ion Ratio Lower Upper

105 100

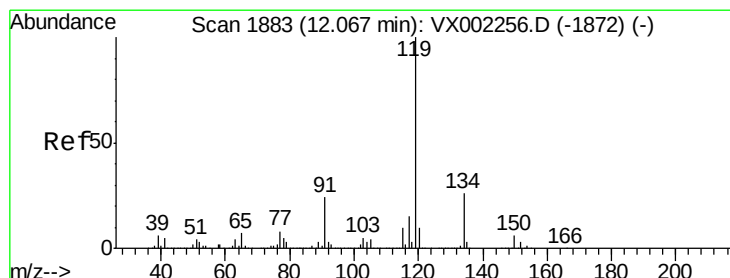
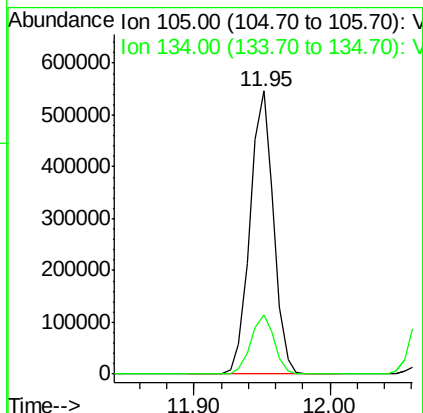
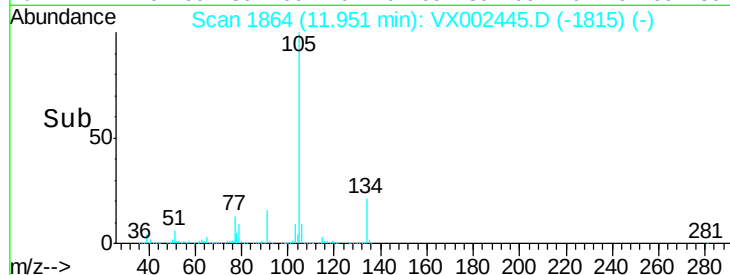
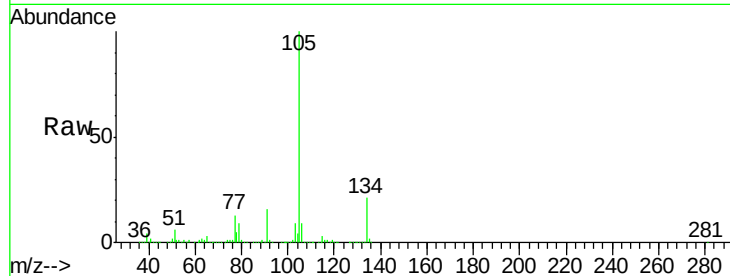
134 20.9 10.4 31.1

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#86

p-Isopropyltoluene

Concen: 49.63 ug/l

RT: 12.07 min Scan# 1883

Delta R.T. -0.00 min

Lab File: VX002445.D

Acq: 11 Jun 2018 16:15

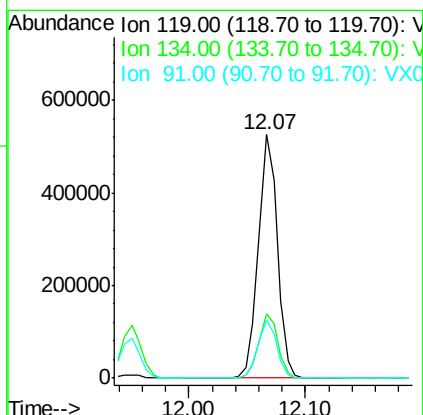
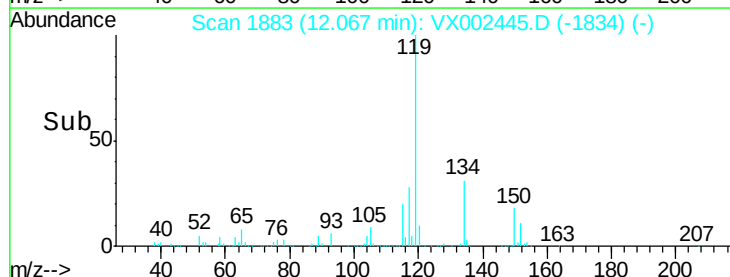
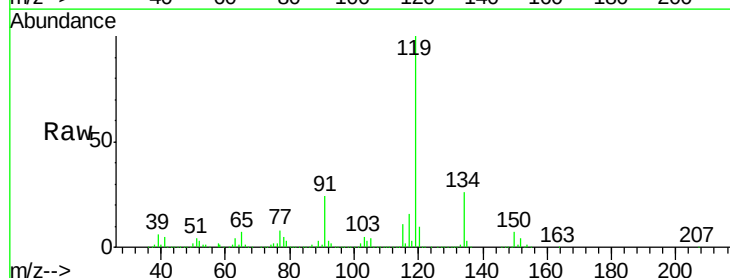
Tgt Ion:119 Resp: 603663

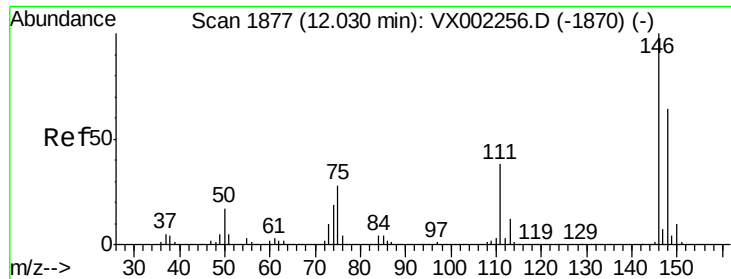
Ion Ratio Lower Upper

119 100

134 26.8 13.4 40.1

91 23.6 11.9 35.7





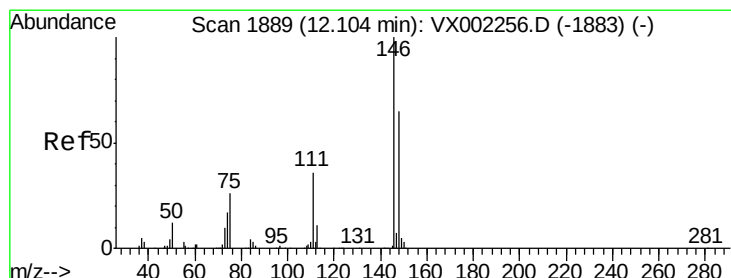
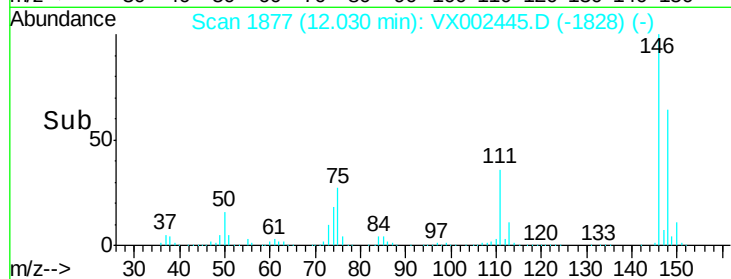
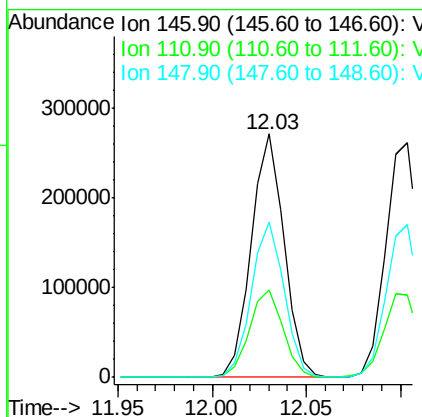
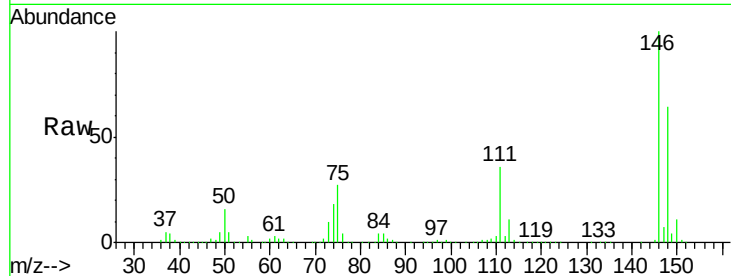
#87
 1,3-Dichlorobenzene
 Concen: 47.91 ug/l
 RT: 12.03 min Scan# 1877
 Delta R.T. -0.00 min
 Lab File: VX002445.D
 Acq: 11 Jun 2018 16:15

Instrument :
 MSVOA_X
 ClientSampled :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	36.8	18.9	56.7
148	63.9	32.1	96.3

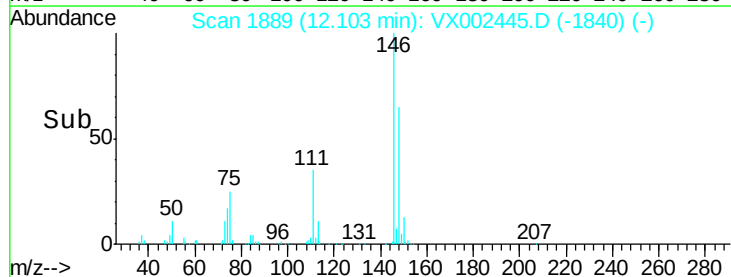
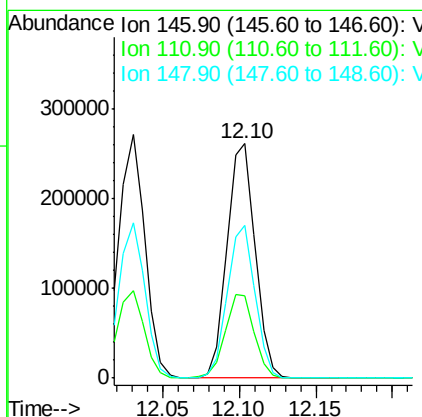
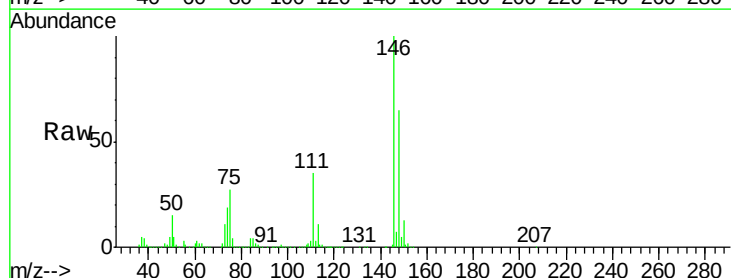
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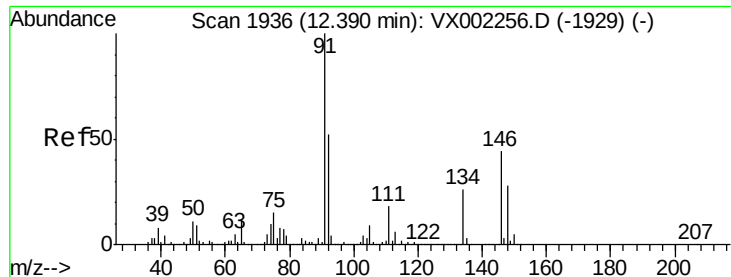
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#88
 1,4-Dichlorobenzene
 Concen: 47.19 ug/l
 RT: 12.10 min Scan# 1889
 Delta R.T. -0.00 min
 Lab File: VX002445.D
 Acq: 11 Jun 2018 16:15

Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.6	18.7	56.1
148	64.0	32.4	97.0





#89

n-Butylbenzene

Concen: 51.70 ug/l

RT: 12.39 min Scan# 1936

Delta R.T. -0.00 min

Lab File: VX002445.D

Acq: 11 Jun 2018 16:15

Instrument :

MSVOA_X

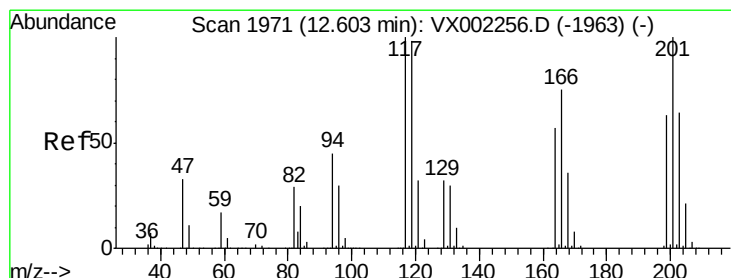
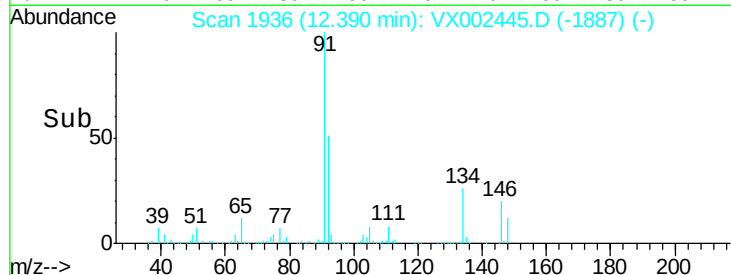
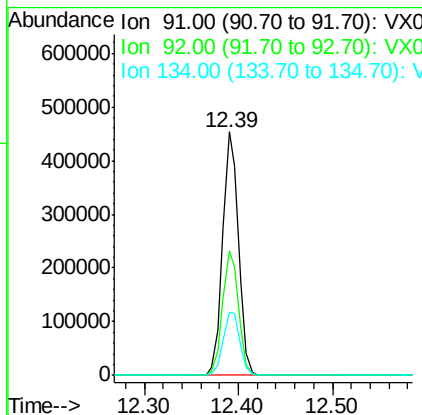
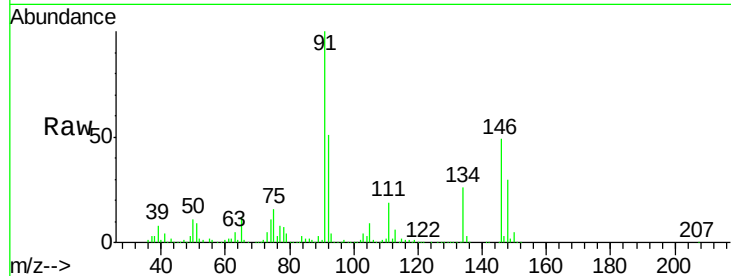
ClientSampleId :

VSTDCCC050EC

Tot Ion:	91	Resp:	527308
Ion	Ratio	Lower	Upper
91	100		
92	51.6	26.0	78.0
134	27.2	13.5	40.5

Manual Integrations
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#90

Hexachloroethane

Concen: 46.79 ug/l

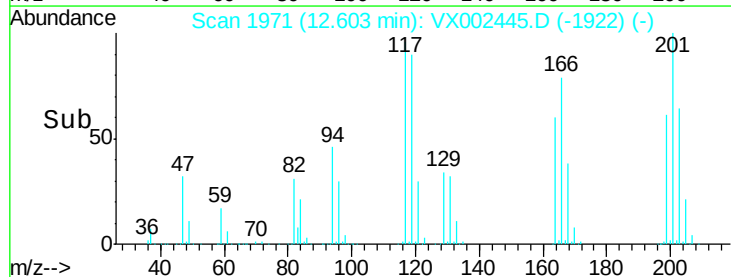
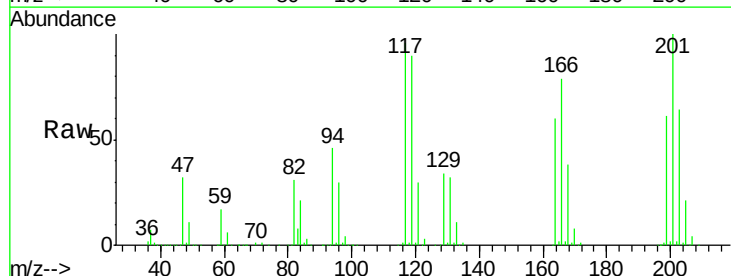
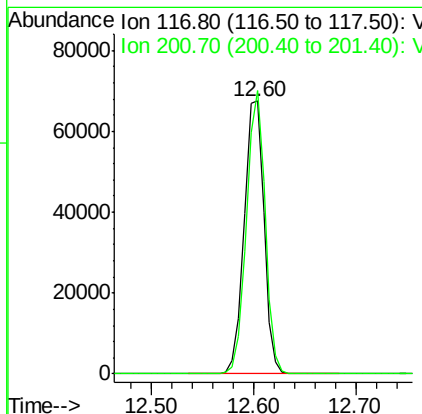
RT: 12.60 min Scan# 1971

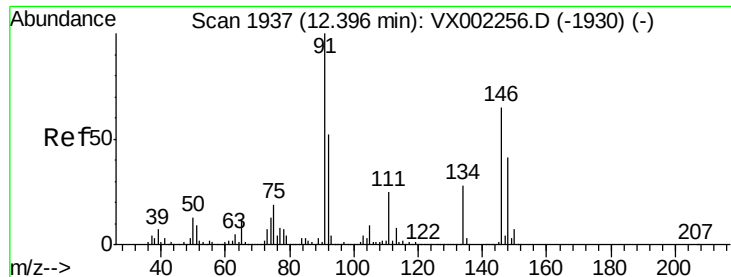
Delta R.T. -0.00 min

Lab File: VX002445.D

Acq: 11 Jun 2018 16:15

Tgt Ion:	117	Resp:	90849
Ion	Ratio	Lower	Upper
117	100		
201	97.8	49.0	147.0





#91

1,2-Dichlorobenzene

Concen: 48.07 ug/l

RT: 12.40 min Scan# 1937

Delta R.T. -0.00 min

Lab File: VX002445.D

Acq: 11 Jun 2018 16:15

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:146 Resp: 340409

Ion Ratio Lower Upper

146 100

111 38.3 19.4 58.1

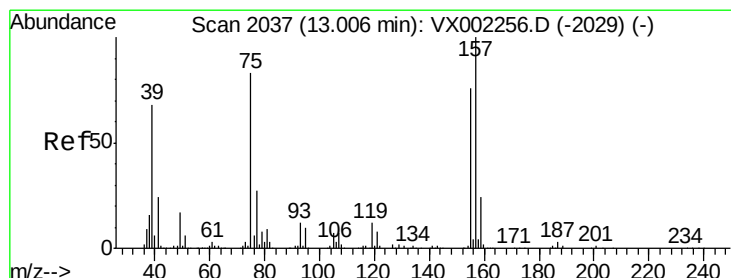
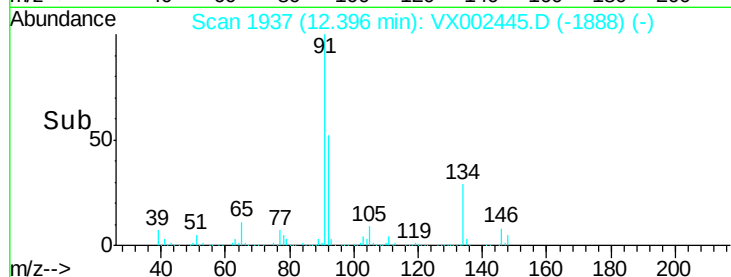
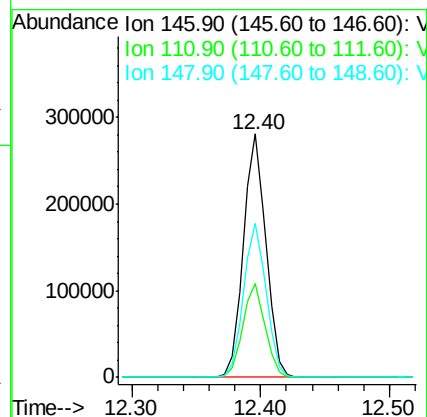
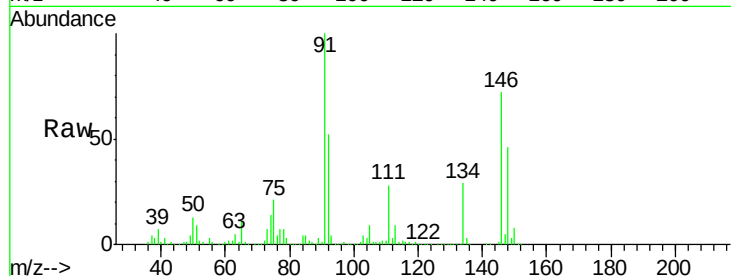
148 63.6 31.7 95.1

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#92

1,2-Dibromo-3-Chloropropane

Concen: 50.91 ug/l

RT: 13.01 min Scan# 2037

Delta R.T. -0.00 min

Lab File: VX002445.D

Acq: 11 Jun 2018 16:15

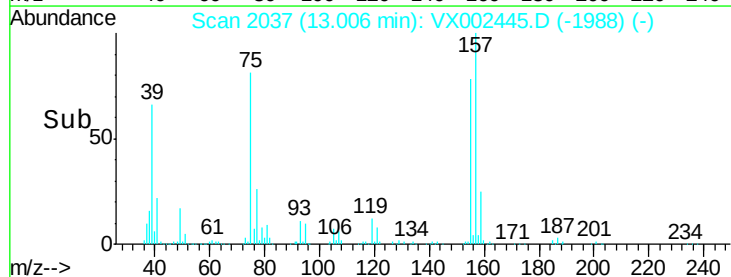
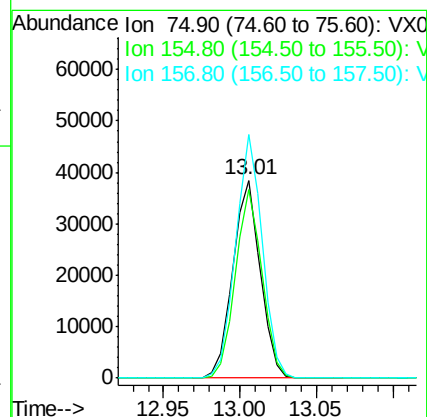
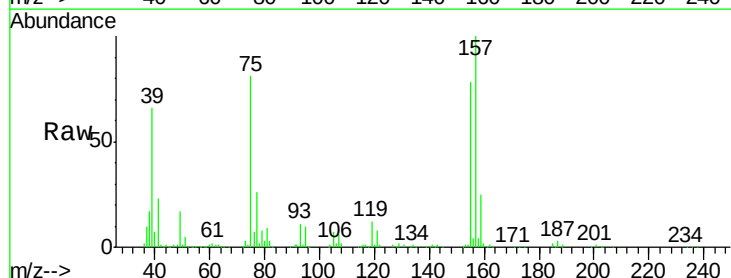
Tgt Ion: 75 Resp: 47750

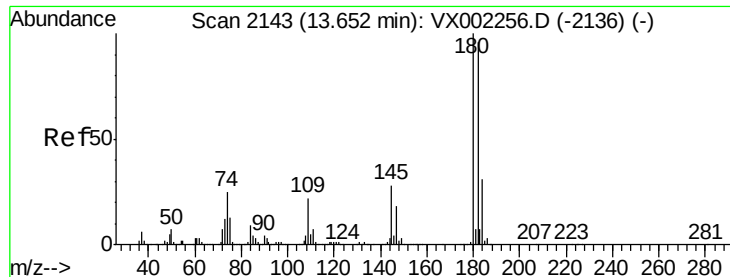
Ion Ratio Lower Upper

75 100

155 92.8 45.8 137.4

157 119.9 60.1 180.3





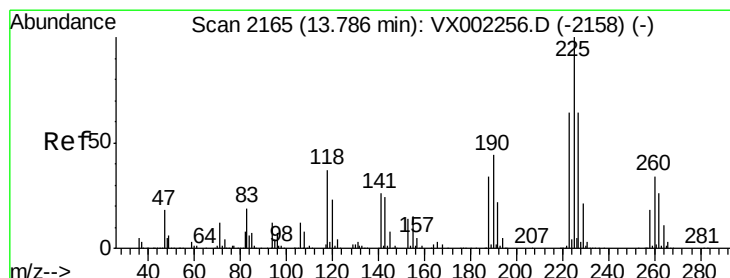
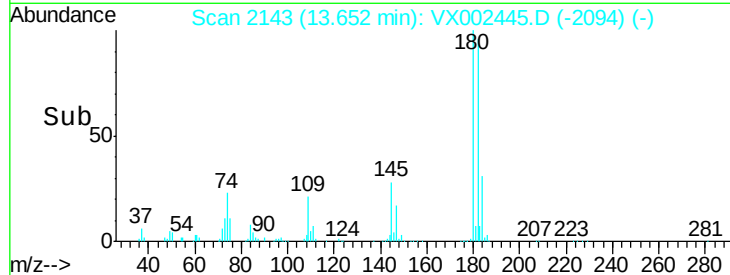
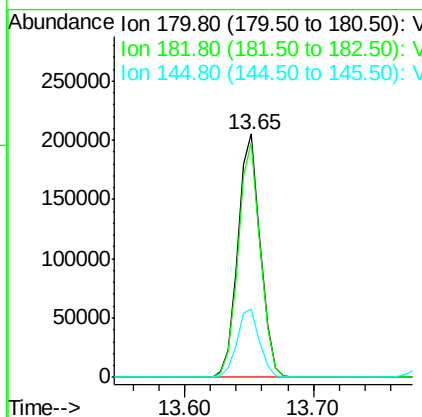
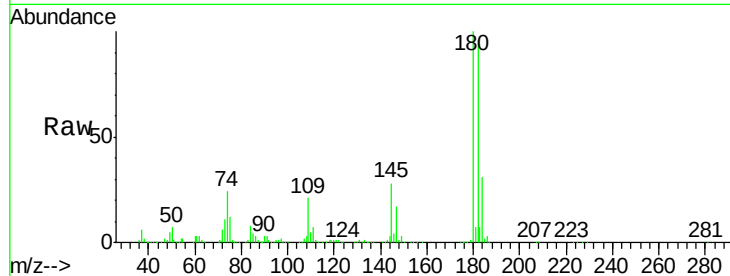
#93
 1,2,4-Trichlorobenzene
 Concen: 49.94 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. -0.00 min
 Lab File: VX002445.D
 Acq: 11 Jun 2018 16:15

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
180	100	248020		
182	95.1	47.7	143.1	
145	28.1	14.1	42.4	

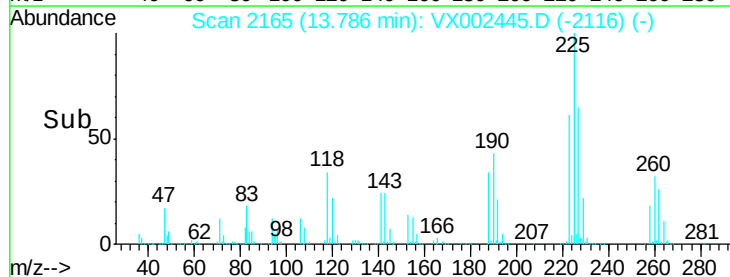
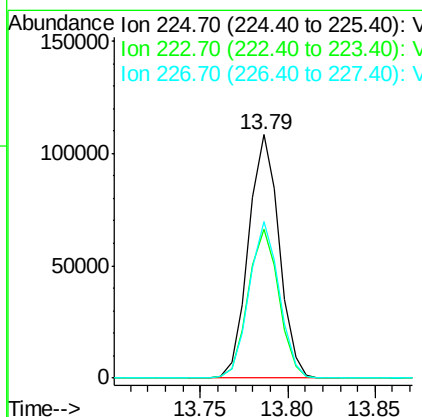
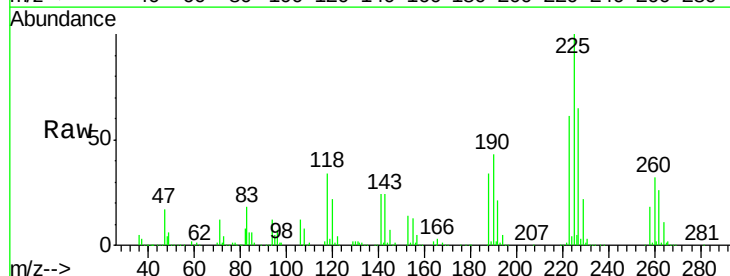
Manual Integrations
 APPROVED

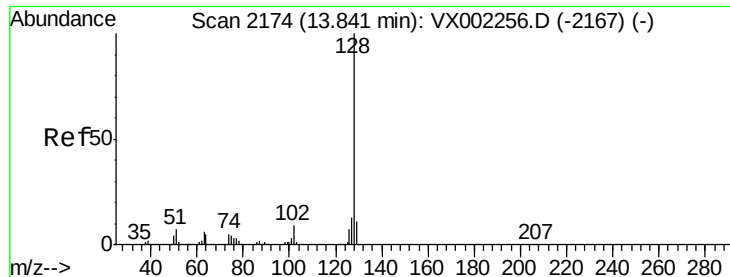
MMDadoda
 6/11/2018 5:07:02 PM



#94
 Hexachlorobutadiene
 Concen: 53.71 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. -0.00 min
 Lab File: VX002445.D
 Acq: 11 Jun 2018 16:15

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	131802		
223	61.4	31.6	95.0	
227	63.3	32.4	97.2	





#95

Naphthalene

Concen: 50.67 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. -0.00 min

Lab File: VX002445.D

Acq: 11 Jun 2018 16:15

Instrument :

MSVOA_X

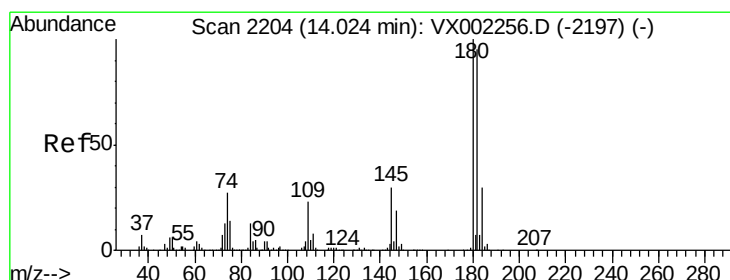
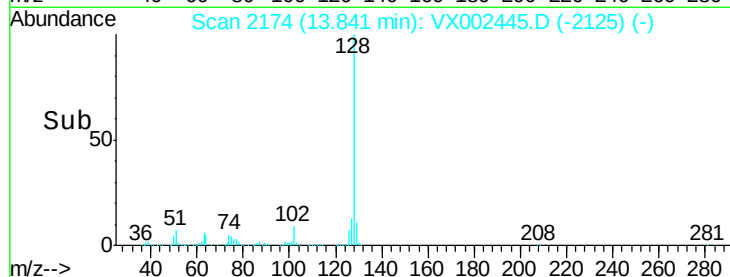
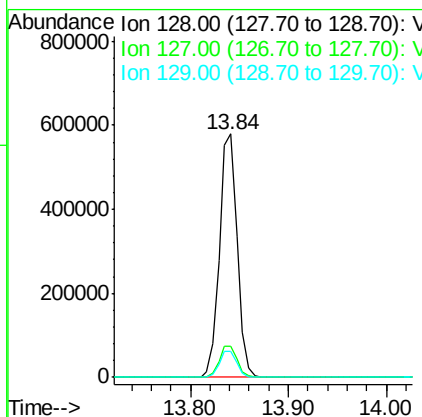
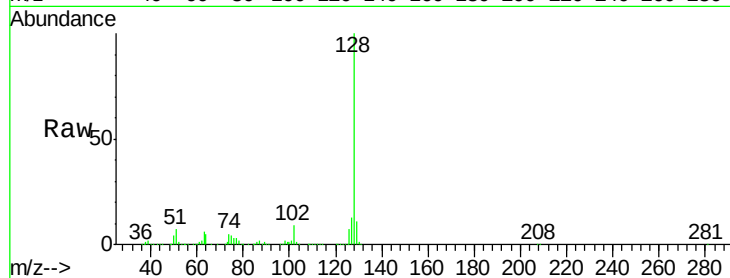
ClientSampleId :

VSTDCCC050EC

Tot Ion:	128	Resp:	723010
Ion Ratio	Lower	Upper	
128	100		
127	13.1	10.4	15.6
129	10.9	8.6	13.0

Manual Integrations
APPROVED

MMDadoda
6/11/2018 5:07:02 PM



#96

1,2,3-Trichlorobenzene

Concen: 50.34 ug/l

RT: 14.02 min Scan# 2204

Delta R.T. -0.00 min

Lab File: VX002445.D

Acq: 11 Jun 2018 16:15

Tgt Ion:	180	Resp:	254972
Ion Ratio	Lower	Upper	
180	100		
182	94.9	48.0	144.0
145	28.8	14.8	44.3

