

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX043018\
 Data File : VX001267.D
 Acq On : 30 Apr 2018 21:46
 Operator : JC/MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleID :
 VSTDCCC020EC

Manual Integrations
 APPROVED

MMDadoda
 5/2/2018 11:08:11 AM

Quant Time: May 01 09:30:20 2018
 Quant Method : W:\HPCHEM1\MSVOA X\METHOD\624X043018W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Tue May 01 09:17:40 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.03	128	34107	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.87	114	194241	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.12	117	181360	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.07	65	75875	30.84	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	102.80%
60) 4-Bromofluorobenzene	11.14	95	87846	28.91	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	96.37%
63) Toluene-d8	8.72	98	234874	30.20	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	100.67%

Target Compounds

						Ovalue
2) Dichlorodifluoromethane	1.20	85	45787	20.48	ug/l	99
3) Chloromethane	1.32	50	42816	20.51	ug/l	98
4) Vinyl Chloride	1.40	62	44747	20.44	ug/l	98
5) Bromomethane	1.65	94	33777	20.43	ug/l	98
6) Chloroethane	1.73	64	27637	20.63	ug/l	99
7) Trichlorofluoromethane	1.93	101	76573	21.06	ug/l	99
8) Diethyl Ether	2.19	74	27202	21.54	ug/l	93
9) 1,1,2-Trichlorotrifluoroet	2.39	101	41766	20.25	ug/l	94
10) 1,1-Dichloroethene	2.38	96	38990	20.87	ug/l	90
11) Methyl Iodide	2.52	142	40192	17.69	ug/l	93
12) Methyl Acetate	2.78	43	56402	22.96	ug/l	99
13) Acrolein	2.30	56	29138	99.47	ug/l	99
14) Acrylonitrile	3.15	53	111568	114.13	ug/l	99
15) Acetone	2.45	58	31054	102.09	ug/l	95
16) Carbon Disulfide	2.57	76	95409	19.20	ug/l	99
17) Allyl chloride	2.73	41	68697	20.72	ug/l	98
18) Methylene Chloride	2.86	84	42179	20.71	ug/l	99
19) trans-1,2-Dichloroethene	3.17	96	40944	20.33	ug/l	94
20) Diisopropyl ether	3.88	45	128620	19.71	ug/l	98
21) 1,1-Dichloroethane	3.70	63	69883	19.93	ug/l	100
22) cis-1,2-Dichloroethene	4.60	96	44681	19.86	ug/l	100
23) tert-Butyl Alcohol	3.07	59	51255	128.29	ug/l #	100
24) Methyl tert-Butyl Ether	3.21	73	133960	20.91	ug/l	93
25) Chloroform	5.23	83	76025	19.92	ug/l	97
26) Cyclohexane	5.59	56	62504	19.61	ug/l #	94
29) 1,1-Dichloropropene	5.81	75	54775	19.03	ug/l	99
30) 2-Butanone	4.71	43	153431	104.04	ug/l	97
31) 2,2-Dichloropropane	4.59	77	53358	16.98	ug/l	98
32) 1,1,1-Trichloroethane	5.50	97	65555	18.83	ug/l	99
33) Carbon Tetrachloride	5.79	117	56750	18.08	ug/l	95
34) Benzene	6.15	78	163408	19.16	ug/l	96
35) Methacrylonitrile	5.07	41	32905	20.11	ug/l	92
36) 1,2-Dichloroethane	6.20	62	64064	19.57	ug/l	100
37) Trichloroethene	7.22	130	49651	19.20	ug/l	95
38) Methylcyclohexane	7.46	83	63198	18.66	ug/l	96
39) 1,2-Dichloropropane	7.52	63	41485	19.18	ug/l	98
40) Dibromomethane	7.67	93	29529	19.41	ug/l	86

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 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Tue May 01 09:17:40 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Bromodichloromethane	7.90	83	52249	18.18	ug/l	98
42) Vinyl Acetate	3.83	43	546462	94.20	ug/l	98
43) Ethyl Acetate	4.87	43	59139	20.82	ug/l	97
44) Isopropyl Acetate	6.48	43	95299	19.72	ug/l	97
45) 1,4-Dioxane	7.76	88	19962	454.48	ug/l	96
46) Methyl methacrylate	7.78	41	49264	19.60	ug/l	91
47) n-amyl Acetate	10.90	43	83436	17.99	ug/l	100
48) t-1,3-Dichloropropene	8.44	75	60356	17.84	ug/l	96
49) cis-1,3-Dichloropropene	9.05	75	56256	17.36	ug/l	95
50) 1,1,2-Trichloroethane	9.22	97	43815	19.39	ug/l	97
51) Ethyl methacrylate	9.19	69	60939	18.93	ug/l	96
52) 1,3-Dichloropropane	9.38	76	72546	19.86	ug/l	99
53) Dibromochloromethane	9.59	129	43962	17.63	ug/l	97
54) 1,2-Dibromoethane	9.68	107	46759	19.34	ug/l	99
55) 2-Chloroethyl vinyl ether	8.32	63	157142	99.64	ug/l	99
56) Bromoform	10.86	173	35129	17.21	ug/l #	98
58) 4-Methyl-2-Pentanone	8.66	43	316685	105.21	ug/l	98
59) 2-Hexanone	9.50	43	237782	101.39	ug/l	97
61) Tetrachloroethene	9.34	164	56557	20.35	ug/l	92
62) Toluene	8.79	91	187129	19.20	ug/l	99
64) Chlorobenzene	10.15	112	125102	19.02	ug/l	98
65) 1,1,1,2-Tetrachloroethane	10.23	131	44525	18.54	ug/l	96
66) Ethyl Benzene	10.26	91	203980	18.75	ug/l	100
67) m/p-Xylenes	10.37	106	163529	37.84	ug/l	97
68) o-Xylene	10.70	106	79895	19.13	ug/l	99
69) Styrene	10.72	104	127758	18.38	ug/l	99
70) Isopropylbenzene	11.02	105	213457	18.82	ug/l	99
71) 1,1,2,2-Tetrachloroethane	11.27	83	64593	19.41	ug/l	99
72) 1,2,3-Trichloropropane	11.30	75	60642m	20.37	ug/l	
73) Bromobenzene	11.26	156	61723	18.72	ug/l	95
74) n-propylbenzene	11.37	91	240423	18.77	ug/l	99
75) 2-Chlorotoluene	11.43	91	145739	18.85	ug/l	98
76) 1,3,5-Trimethylbenzene	11.51	105	180850	18.71	ug/l	68
77) t-1,4-Dichloro-2-butene	11.08	75	14248	16.08	ug/l	77
78) 4-Chlorotoluene	11.52	91	169449	18.37	ug/l	99
79) tert-butylbenzene	12.07	119	199222	19.26	ug/l	94
80) 1,2,4-Trimethylbenzene	11.81	105	184849	18.79	ug/l	100
81) sec-Butylbenzene	11.95	105	215352	19.19	ug/l	99
82) p-Isopropyltoluene	12.07	119	199222	19.26	ug/l	99
83) 1,3-Dichlorobenzene	12.03	146	111130	18.49	ug/l	98
84) 1,4-Dichlorobenzene	12.10	146	112620	18.38	ug/l	98
85) n-Butylbenzene	12.40	91	164628	18.41	ug/l	98
86) Hexachloroethane	12.60	117	26602	16.83	ug/l	64
87) 1,2-Dichlorobenzene	12.40	146	112714	18.86	ug/l	99
88) 1,2-Dibromo-3-Chloropropan	13.01	75	13340	19.19	ug/l	95
89) 1,2,4-Trichlorobenzene	13.65	180	86774	19.16	ug/l	98
90) Hexachlorobutadiene	13.79	225	46048	21.90	ug/l	96
91) Naphthalene	13.84	128	238873	20.33	ug/l	99
92) 1,2,3-Trichlorobenzene	14.02	180	88087	19.71	ug/l	96

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ClientSampleId :
VSTDCCC020EC

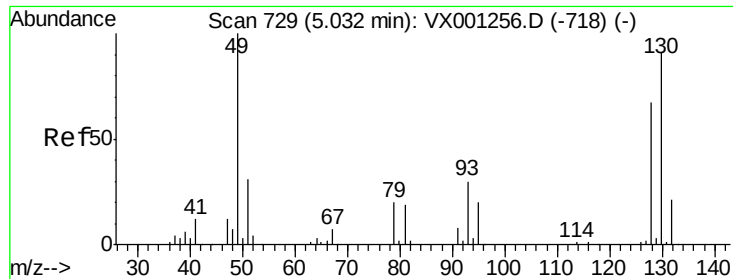
Manual Integrations
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QLast Update : Tue May 01 09:17:40 2018
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



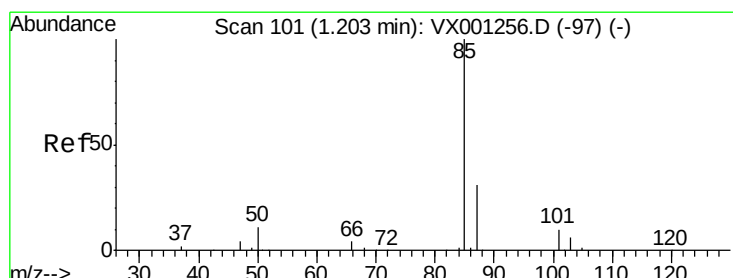
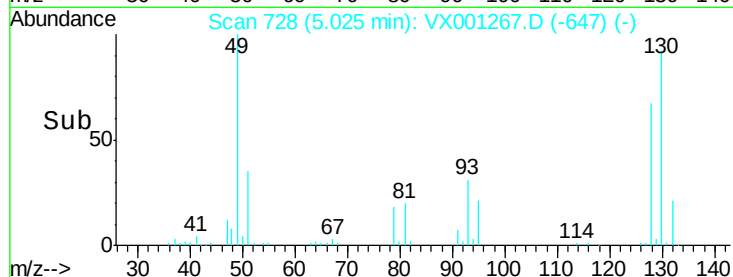
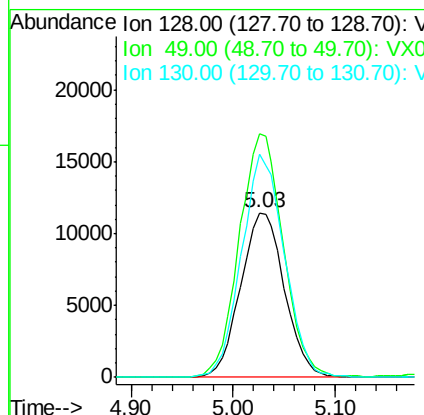
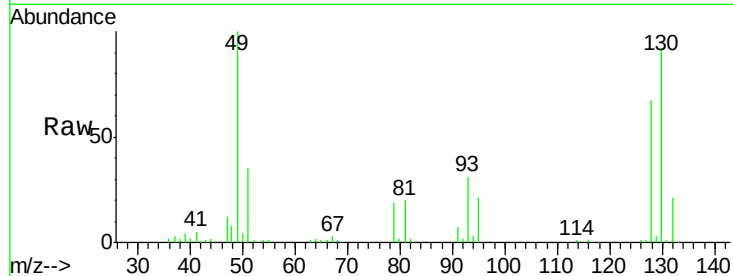
#1
Bromochloromethane
Concen: 30.00 ug/l
RT: 5.03 min Scan# 728
Delta R.T. -0.01 min
Lab File: VX001267.D
Acq: 30 Apr 2018 21:46

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
128	100		
49	148.9	0.0	378.3
130	132.9	0.0	324.3

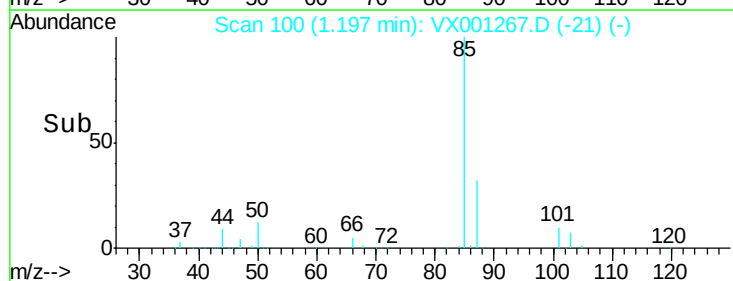
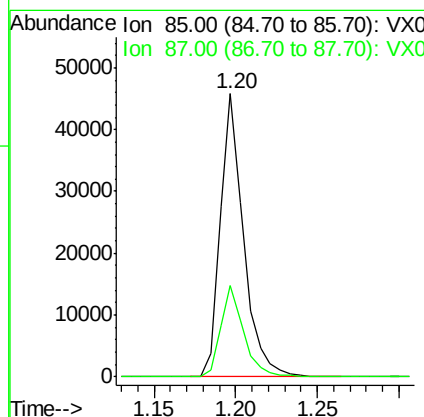
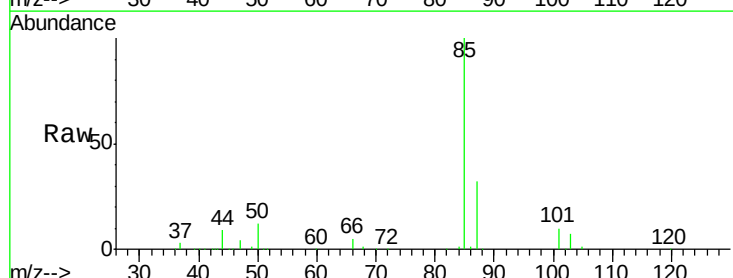
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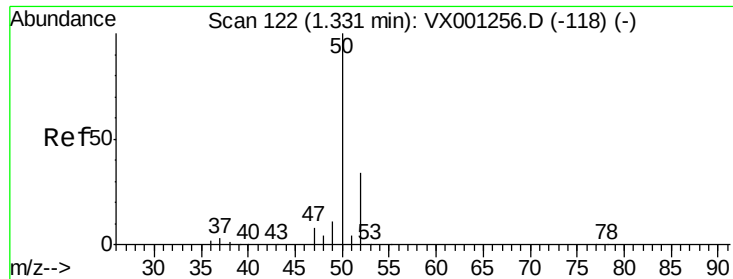
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#2
Dichlorodifluoromethane
Concen: 20.48 ug/l
RT: 1.20 min Scan# 100
Delta R.T. 0.00 min
Lab File: VX001267.D
Acq: 30 Apr 2018 21:46

Tgt Ion	Ratio	Lower	Upper
85	100		
87	32.4	16.6	49.7





#3

Chloromethane

Concen: 20.51 ug/l

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX001267.D

Acq: 30 Apr 2018 21:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tot Ion: 50 Resp: 42816

Ion Ratio Lower Upper

50 100

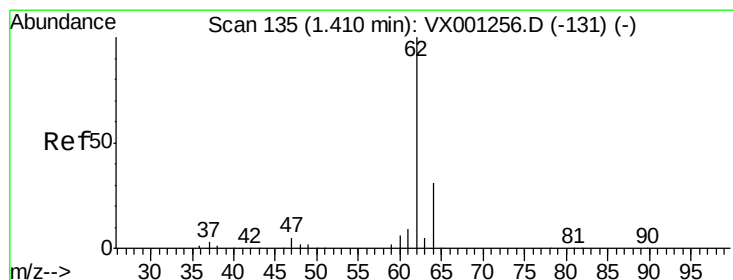
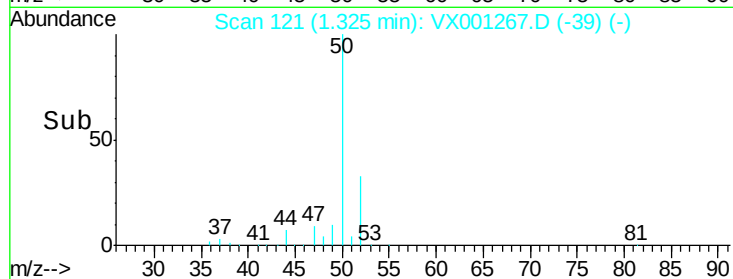
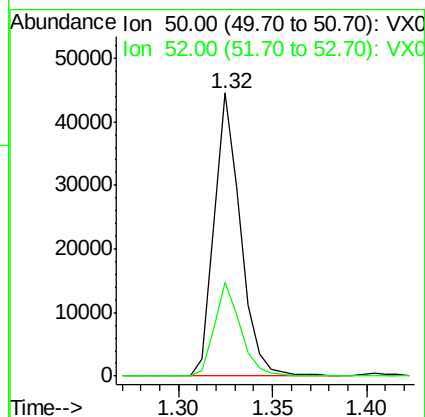
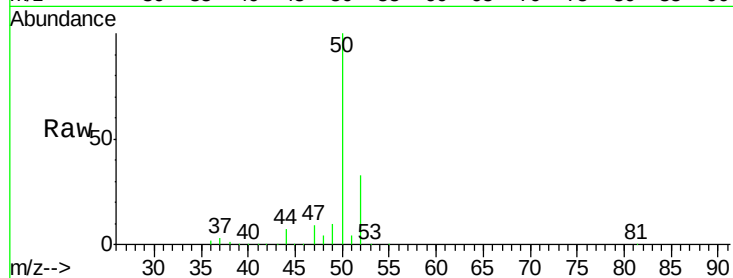
52 33.4 27.8 41.6

Manual Integrations

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#4

Vinyl Chloride

Concen: 20.44 ug/l

RT: 1.40 min Scan# 134

Delta R.T. 0.00 min

Lab File: VX001267.D

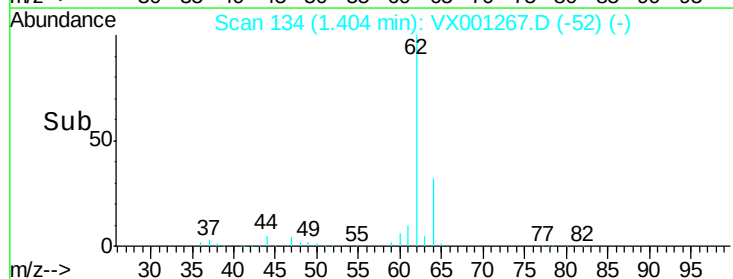
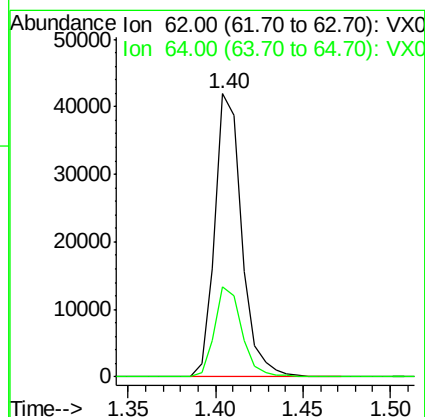
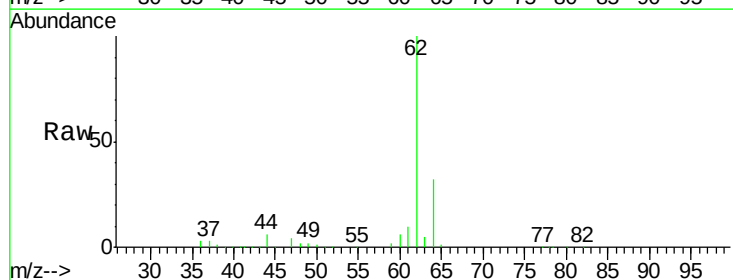
Acq: 30 Apr 2018 21:46

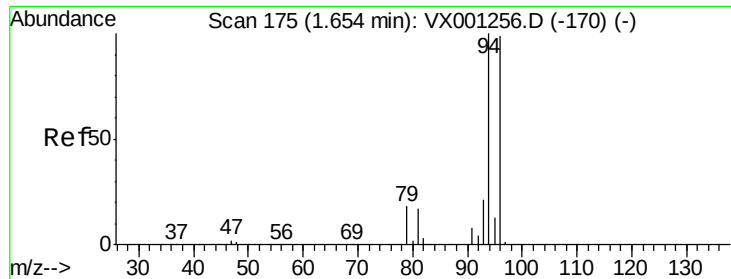
Tgt Ion: 62 Resp: 44747

Ion Ratio Lower Upper

62 100

64 31.5 26.0 39.0





#5

Bromomethane

Concen: 20.43 ug/l

RT: 1.65 min Scan# 174

Delta R.T. 0.01 min

Lab File: VX001267.D

Acq: 30 Apr 2018 21:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tot Ion: 94 Resp: 33777

Ion Ratio Lower Upper

94 100

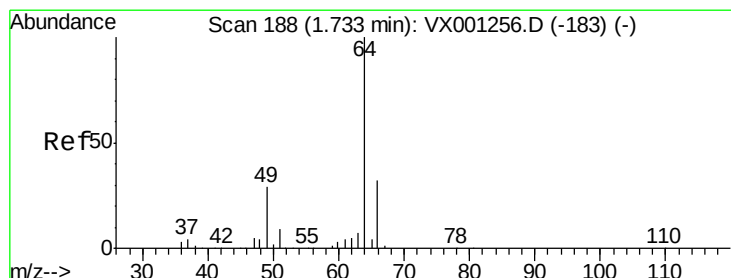
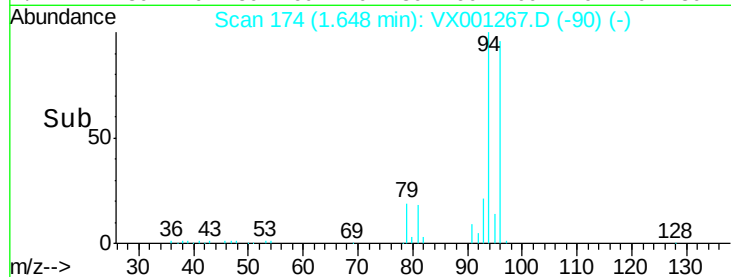
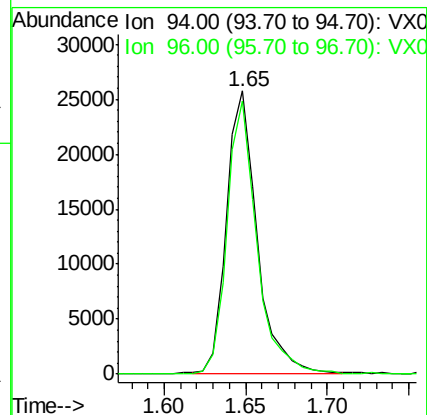
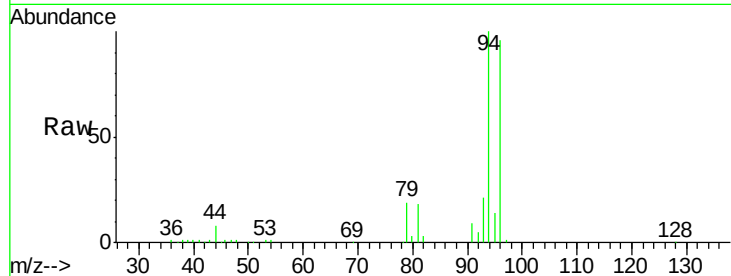
96 96.9 76.2 114.2

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#6

Chloroethane

Concen: 20.63 ug/l

RT: 1.73 min Scan# 188

Delta R.T. 0.01 min

Lab File: VX001267.D

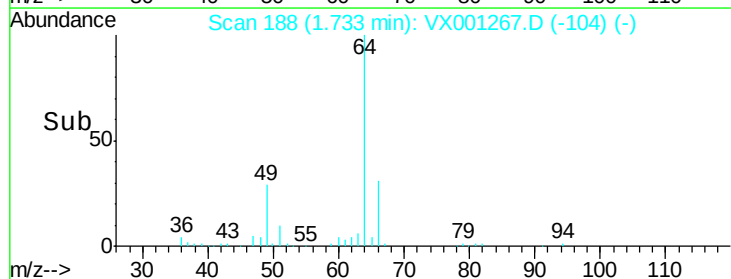
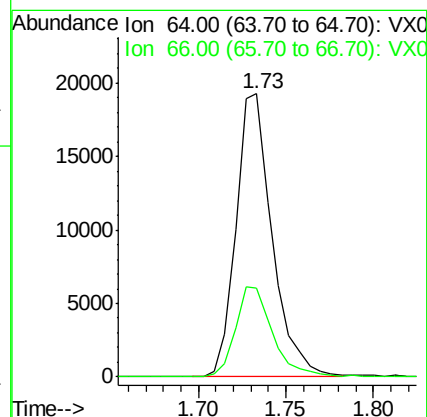
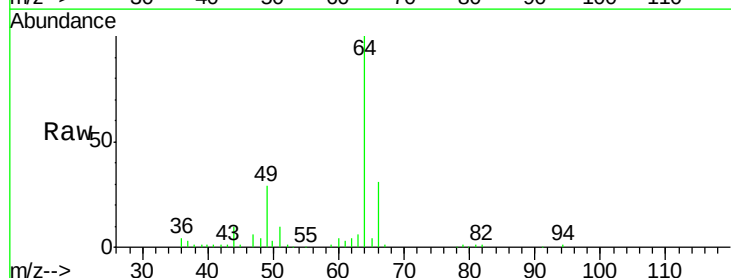
Acq: 30 Apr 2018 21:46

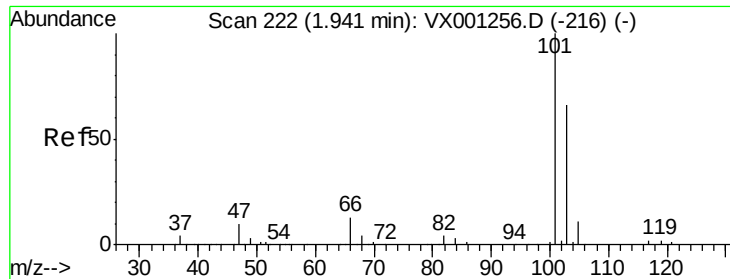
Tgt Ion: 64 Resp: 27637

Ion Ratio Lower Upper

64 100

66 31.2 25.2 37.8





#7

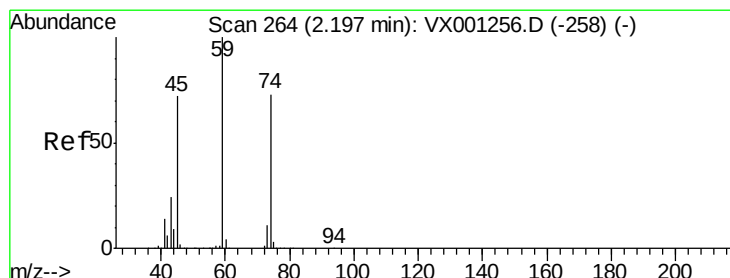
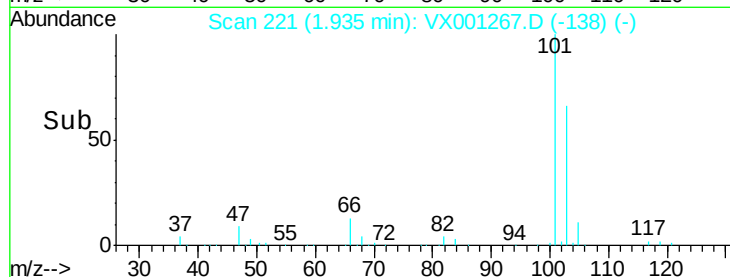
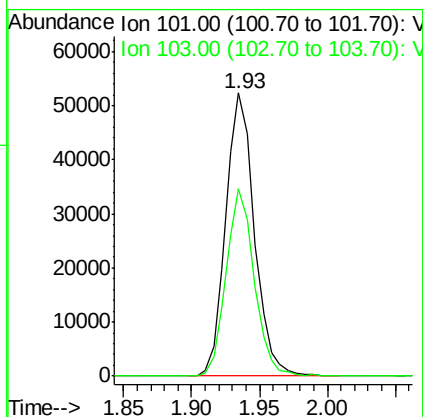
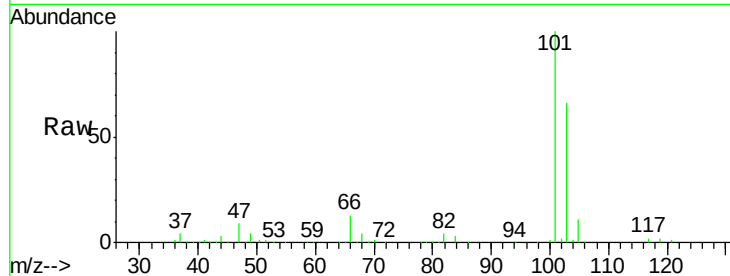
Trichlorofluoromethane
Concen: 21.06 ug/l
RT: 1.93 min Scan# 221
Delta R.T. 0.01 min
Lab File: VX001267.D
Acq: 30 Apr 2018 21:46

Instrument :
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ClientSampleId :
VSTDCCC020EC

Tot Ion:101 Resp: 76573
Ion Ratio Lower Upper
101 100
103 66.4 52.2 78.4

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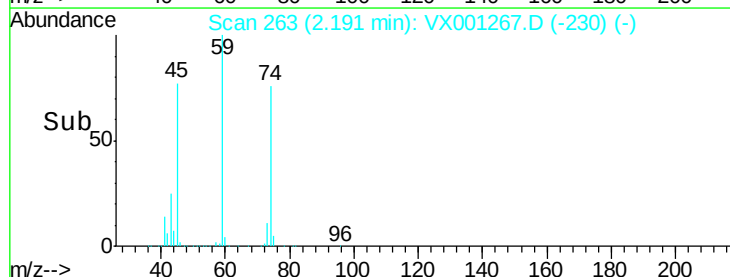
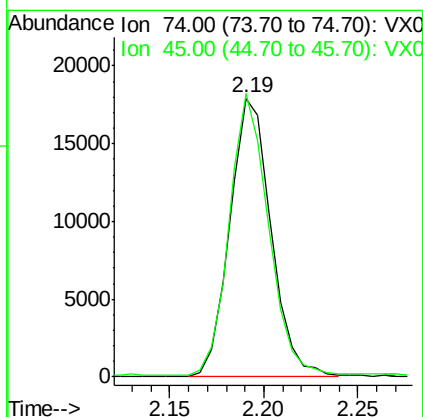
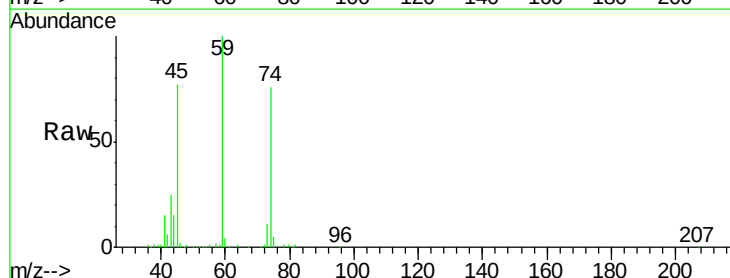
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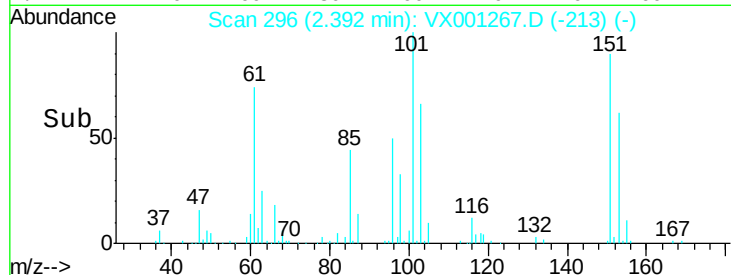
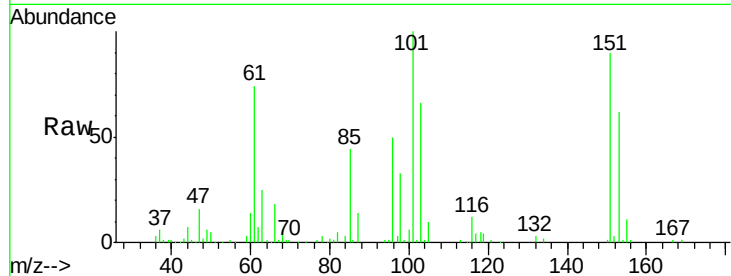
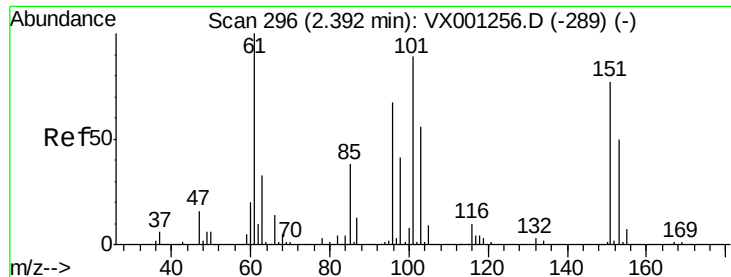


#8

Diethyl Ether
Concen: 21.54 ug/l
RT: 2.19 min Scan# 263
Delta R.T. 0.00 min
Lab File: VX001267.D
Acq: 30 Apr 2018 21:46

Tgt Ion: 74 Resp: 27202
Ion Ratio Lower Upper
74 100
45 95.6 17.8 159.8





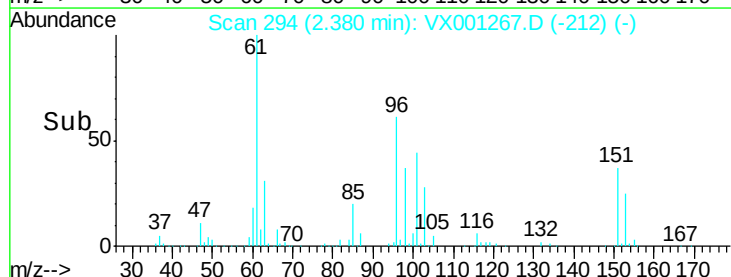
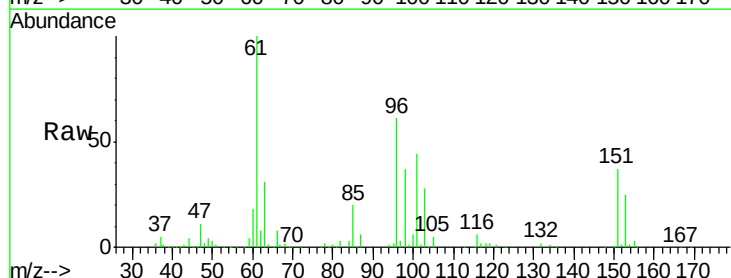
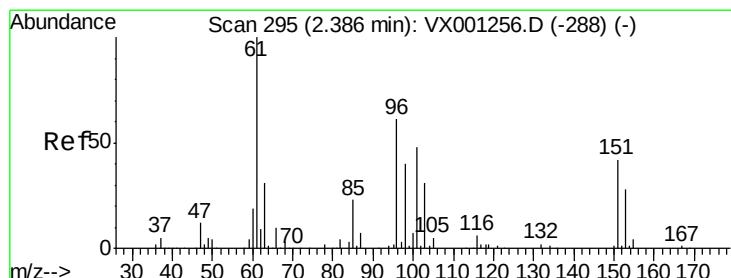
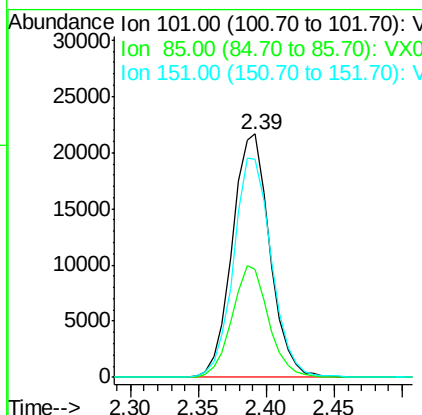
#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.25 ug/l
RT: 2.39 min Scan# 296
Delta R.T. 0.01 min
Lab File: VX001267.D
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Tot Ion	Ratio	Resp	Lower	Upper
101	100	41766		
85	44.6	0.0	90.4	
151	91.1	0.0	167.6	

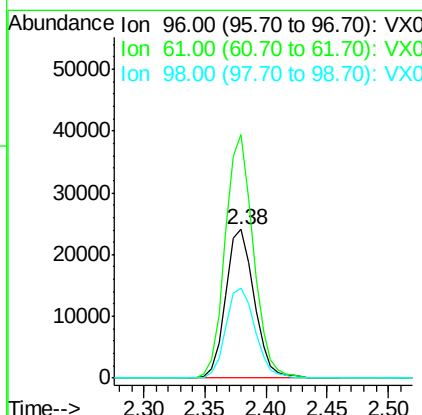
Manual Integrations
APPROVED

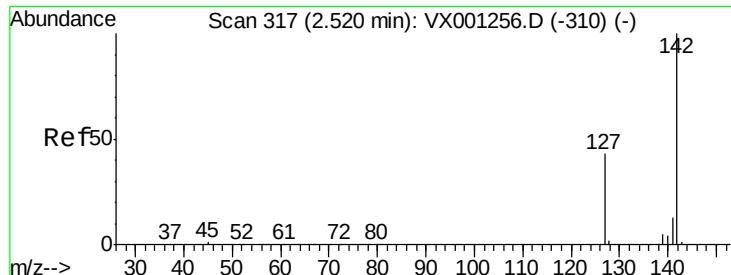
MMDadoda
5/2/2018 11:08:11 AM



#10
1,1-Dichloroethene
Concen: 20.87 ug/l
RT: 2.38 min Scan# 294
Delta R.T. 0.00 min
Lab File: VX001267.D
Acq: 30 Apr 2018 21:46

Tgt Ion	Ratio	Resp	Lower	Upper
96	100	38990		
61	163.7	118.6	178.0	
98	60.9	51.0	76.6	





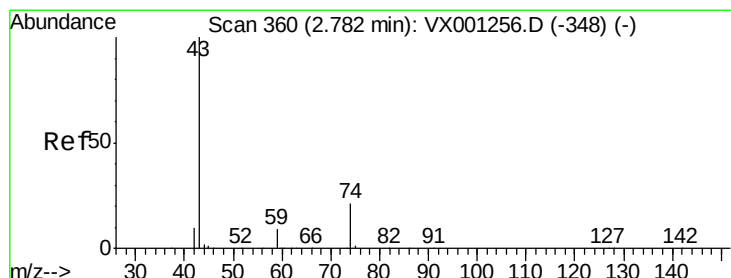
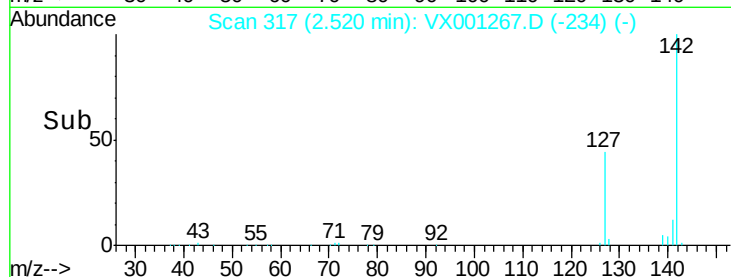
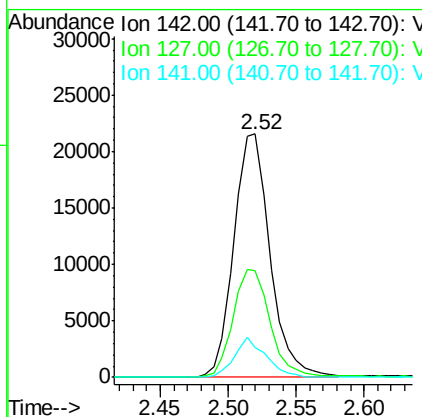
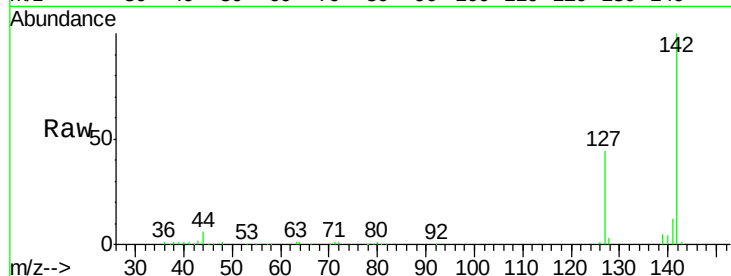
#11
Methyl Iodide
Concen: 17.69 ug/l
RT: 2.52 min Scan# 317
Delta R.T. 0.01 min
Lab File: VX001267.D
Acq: 30 Apr 2018 21:46

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
142	100		
127	43.9	23.8	71.5
141	12.2	8.2	24.4

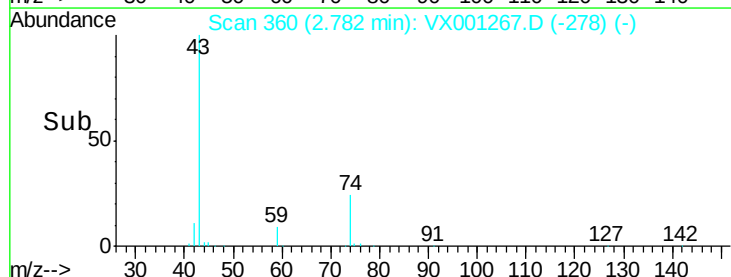
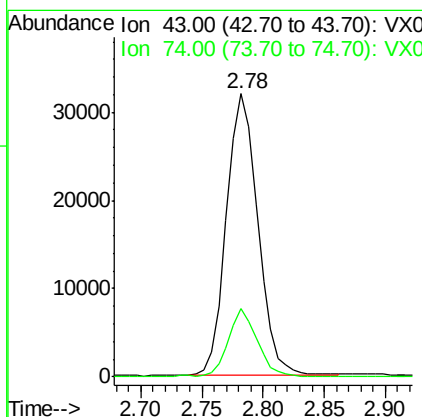
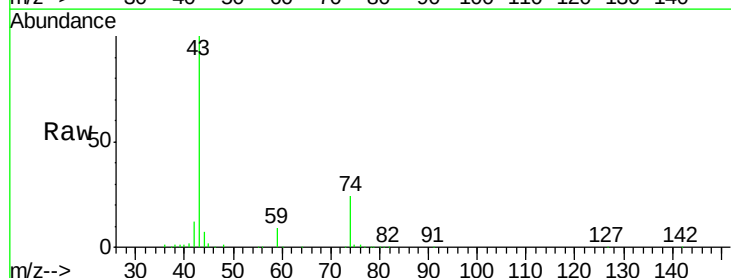
Manual Integrations
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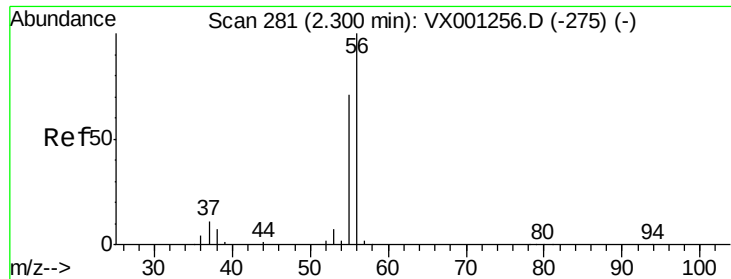
MMDadoda
5/2/2018 11:08:11 AM



#12
Methyl Acetate
Concen: 22.96 ug/l
RT: 2.78 min Scan# 360
Delta R.T. 0.00 min
Lab File: VX001267.D
Acq: 30 Apr 2018 21:46

Tgt Ion	Ratio	Lower	Upper
43	100		
74	23.9	18.6	27.8





#13

Acrolein

Concen: 99.47 ug/l

RT: 2.30 min Scan# 281

Delta R.T. 0.01 min

Lab File: VX001267.D

Acq: 30 Apr 2018 21:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tot Ion: 56 Resp: 29138

Ion Ratio Lower Upper

56 100

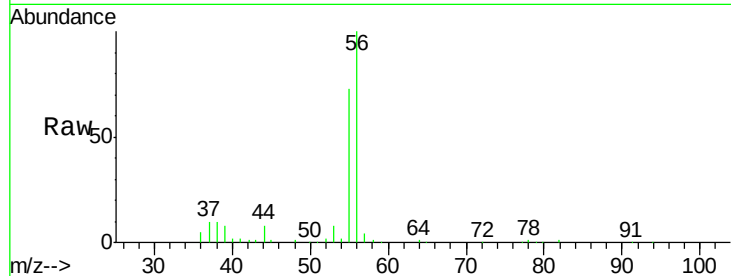
55 71.0 57.3 85.9

Manual Integrations

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Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

20000

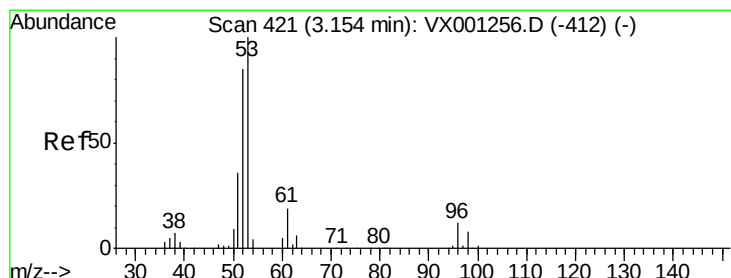
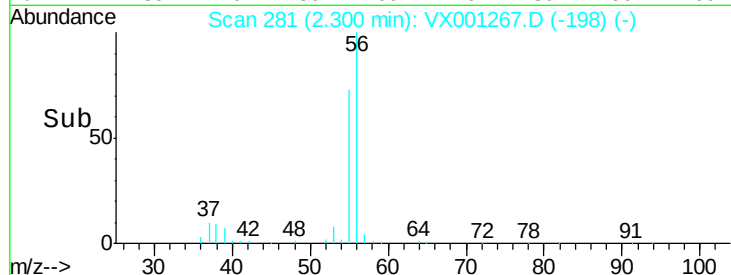
15000

10000

5000

0

Time-->



#14

Acrylonitrile

Concen: 114.13 ug/l

RT: 3.15 min Scan# 421

Delta R.T. 0.00 min

Lab File: VX001267.D

Acq: 30 Apr 2018 21:46

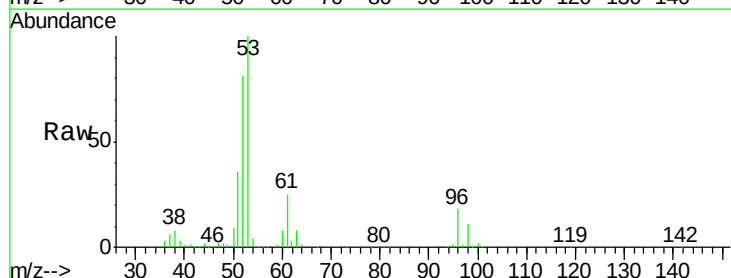
Tgt Ion: 53 Resp: 111568

Ion Ratio Lower Upper

53 100

52 83.4 41.9 125.8

51 37.7 18.8 56.3



Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0

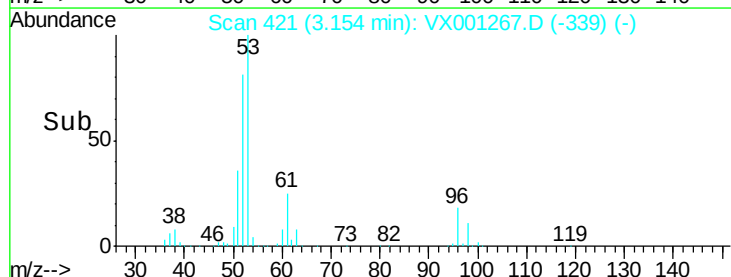
60000

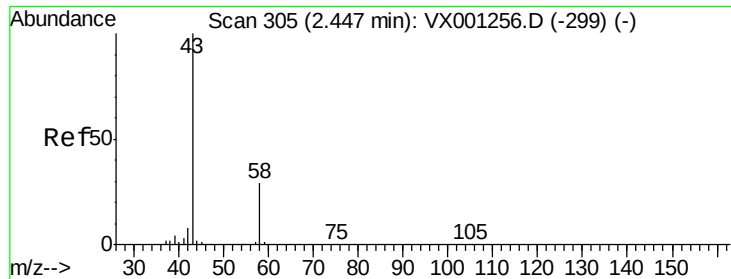
40000

20000

0

Time-->





#15

Acetone

Concen: 102.09 ug/l

RT: 2.45 min Scan# 305

Delta R.T. 0.00 min

Lab File: VX001267.D

Acq: 30 Apr 2018 21:46

Instrument :

MSVOA_X

ClientSampled :

VSTDCCC020EC

Tot Ion: 58 Resp: 31054

Ion Ratio Lower Upper

58 100

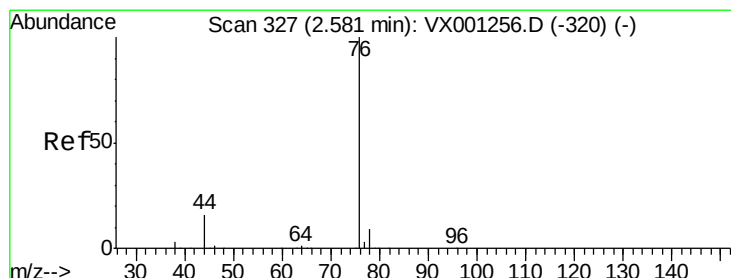
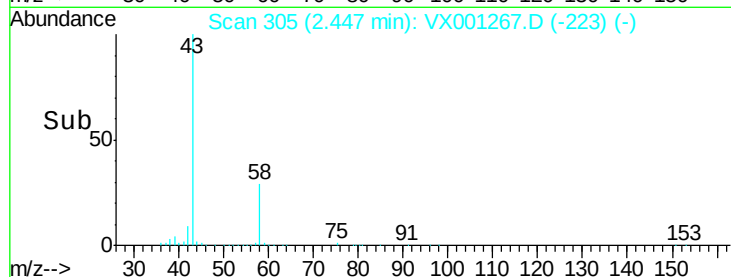
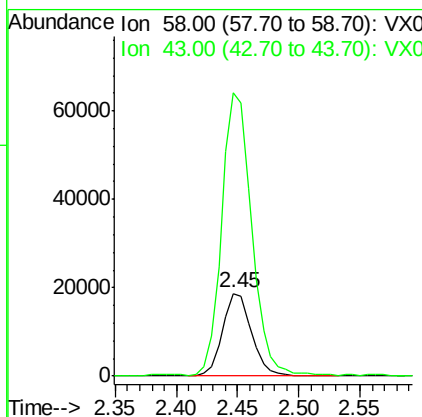
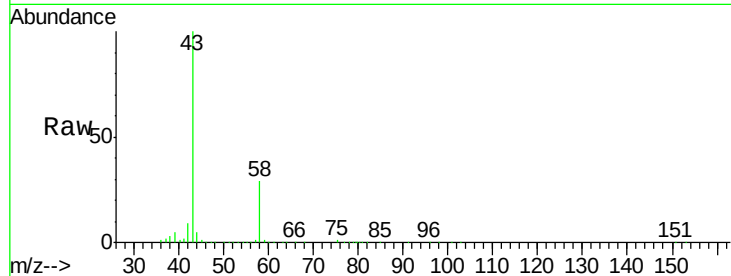
43 340.6 264.6 396.8

Manual Integrations

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#16

Carbon Disulfide

Concen: 19.20 ug/l

RT: 2.57 min Scan# 326

Delta R.T. 0.00 min

Lab File: VX001267.D

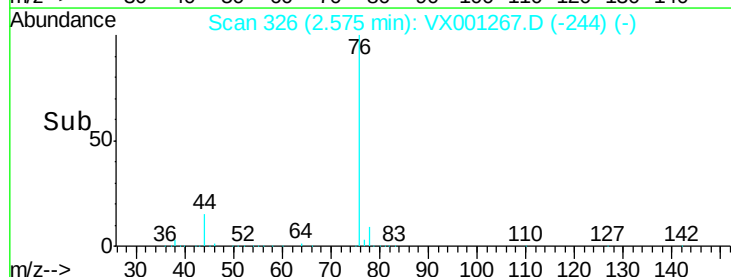
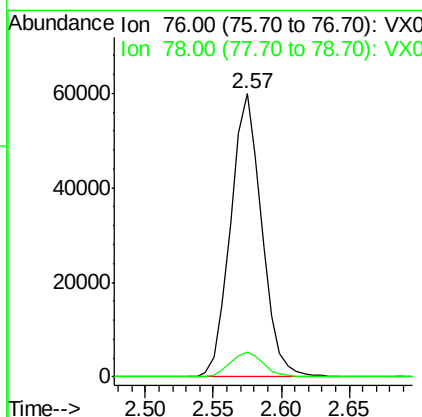
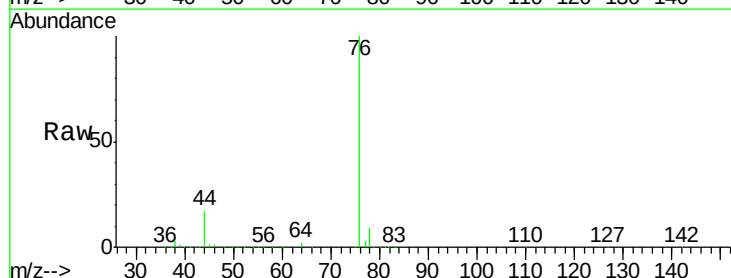
Acq: 30 Apr 2018 21:46

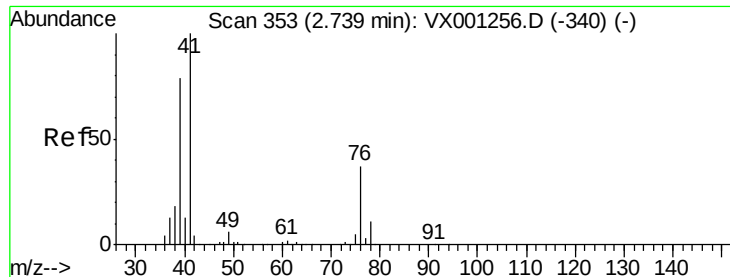
Tgt Ion: 76 Resp: 95409

Ion Ratio Lower Upper

76 100

78 8.8 6.8 10.2





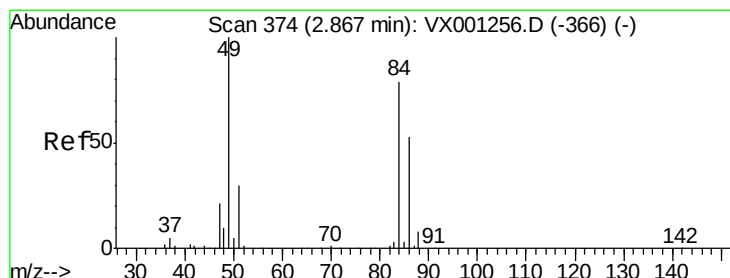
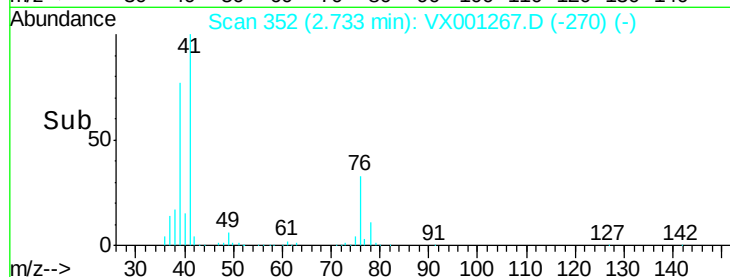
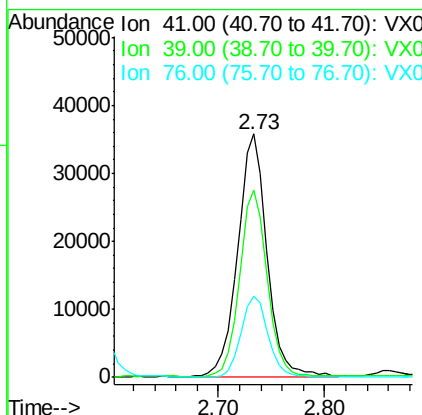
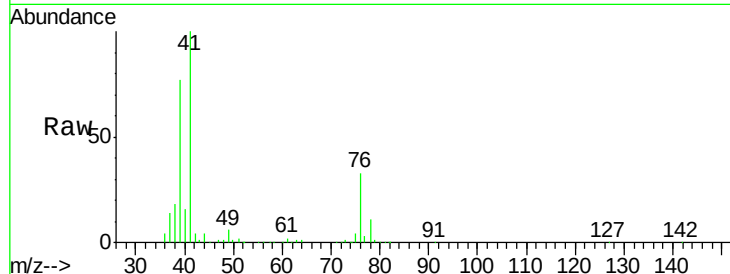
#17
Allvl chloride
Concen: 20.72 ug/l
RT: 2.73 min Scan# 352
Delta R.T. 0.00 min
Lab File: VX001267.D
Acq: 30 Apr 2018 21:46

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
41	100		
39	76.9	38.5	115.5
76	33.2	18.7	56.1

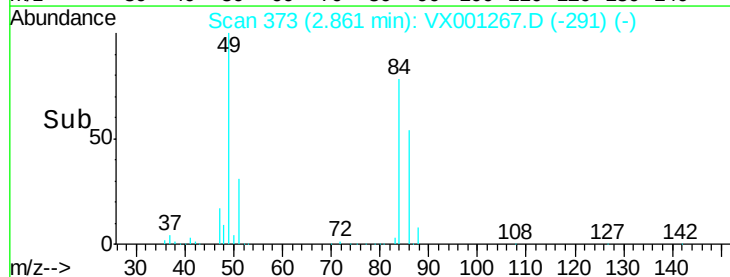
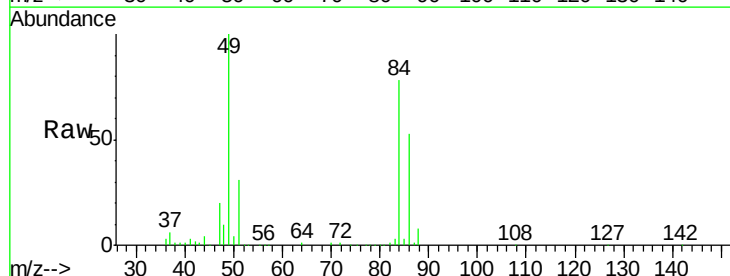
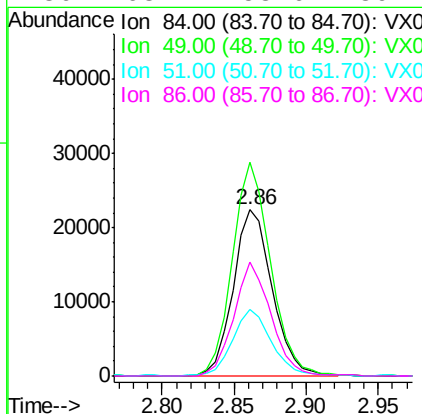
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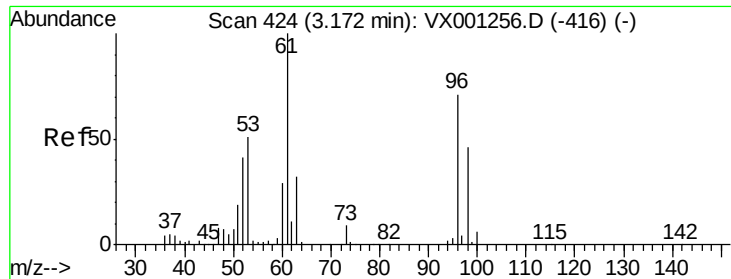
MMDadoda
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#18
Methylene Chloride
Concen: 20.71 ug/l
RT: 2.86 min Scan# 373
Delta R.T. 0.00 min
Lab File: VX001267.D
Acq: 30 Apr 2018 21:46

Tgt Ion	Ratio	Lower	Upper
84	100		
49	128.4	103.3	154.9
51	39.4	31.2	46.8
86	68.7	53.6	80.4





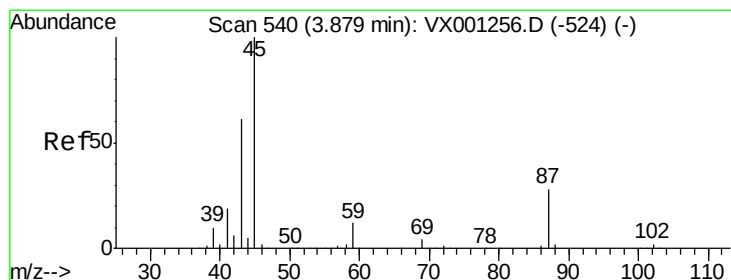
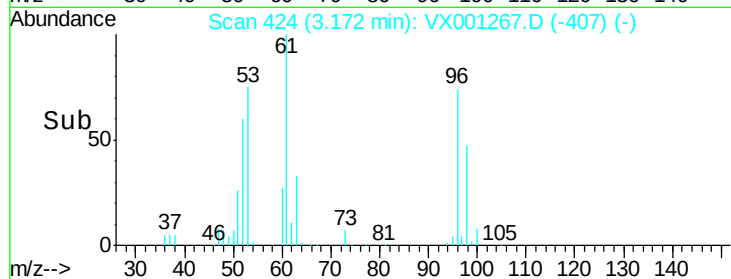
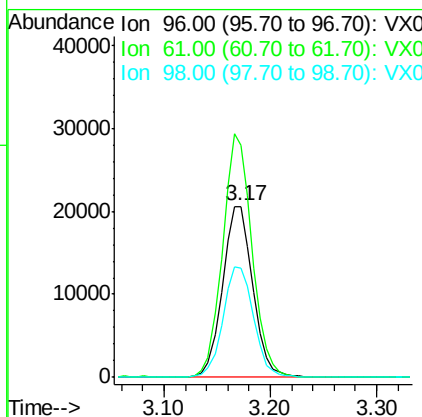
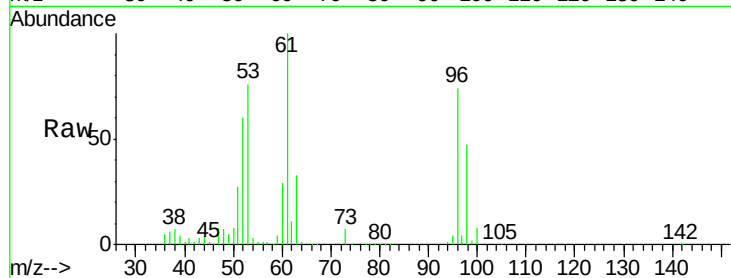
#19
trans-1,2-Dichloroethene
Concen: 20.33 ug/l
RT: 3.17 min Scan# 424
Delta R.T. 0.01 min
Lab File: VX001267.D
Acq: 30 Apr 2018 21:46

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
96	100		
61	135.4	101.0	151.6
98	64.0	53.3	79.9

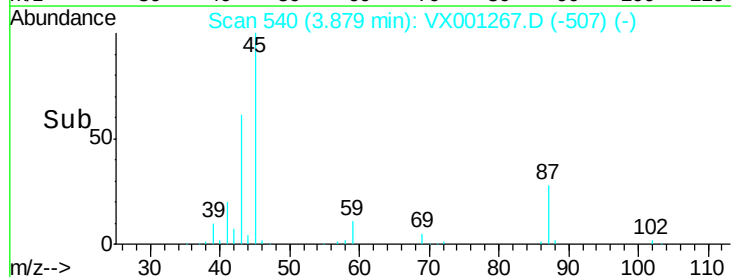
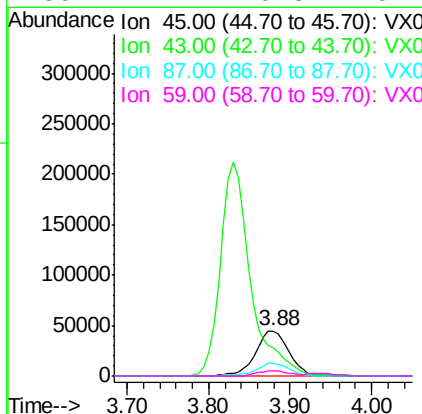
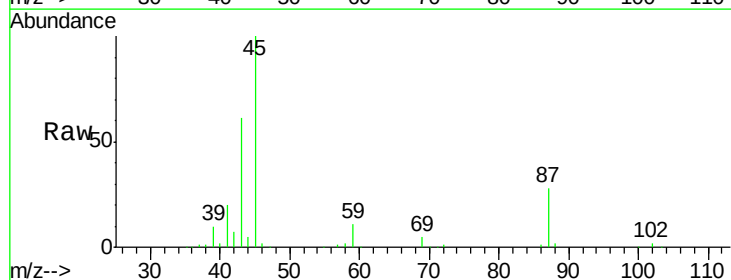
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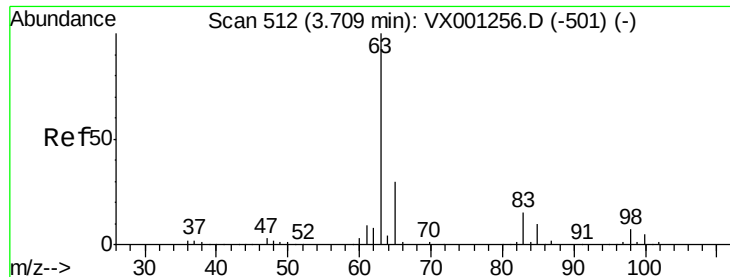
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#20
Diisopropyl ether
Concen: 19.71 ug/l
RT: 3.88 min Scan# 540
Delta R.T. 0.00 min
Lab File: VX001267.D
Acq: 30 Apr 2018 21:46

Tgt Ion	Ratio	Lower	Upper
45	100		
43	60.7	49.6	74.4
87	27.9	23.1	34.7
59	11.2	10.8	16.2





#21

1,1-Dichloroethane

Concen: 19.93 ug/l

RT: 3.70 min Scan# 511

Delta R.T. 0.00 min

Lab File: VX001267.D

Acq: 30 Apr 2018 21:46

Instrument :

MSVOA_X

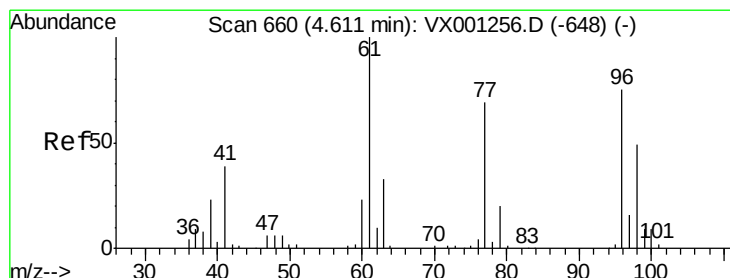
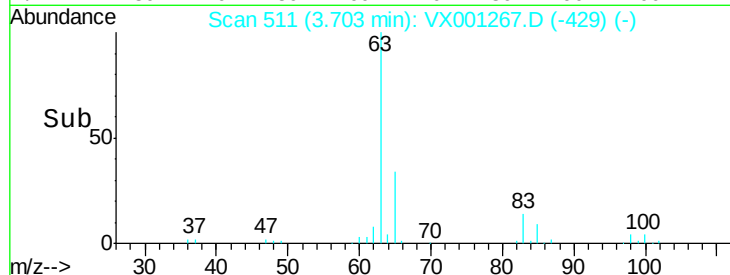
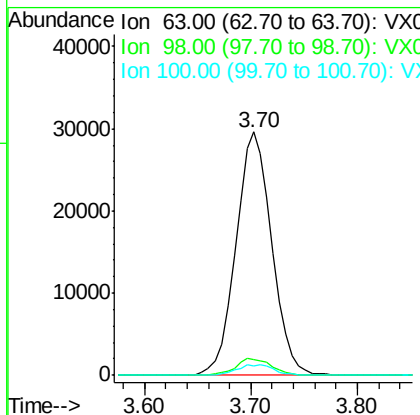
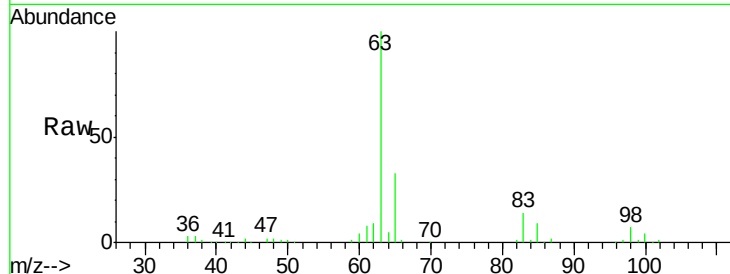
ClientSampleId :

VSTDCCC020EC

Tot Ion:	63	Resp:	69883
Ion	Ratio	Lower	Upper
63	100		
98	6.6	3.3	9.9
100	4.1	2.1	6.5

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#22

cis-1,2-Dichloroethene

Concen: 19.86 ug/l

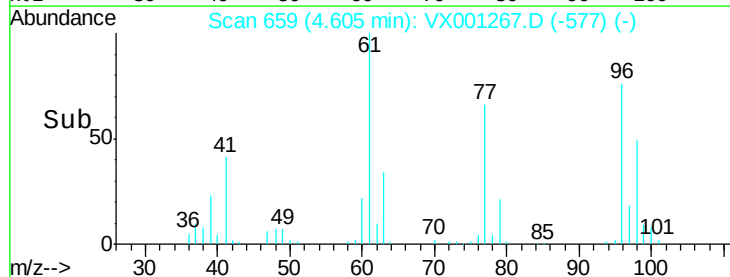
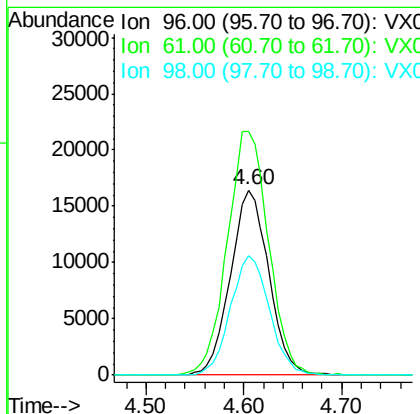
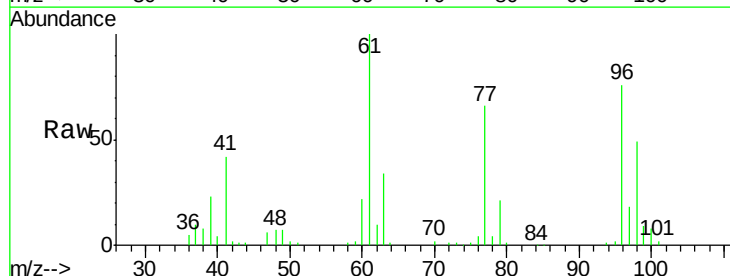
RT: 4.60 min Scan# 659

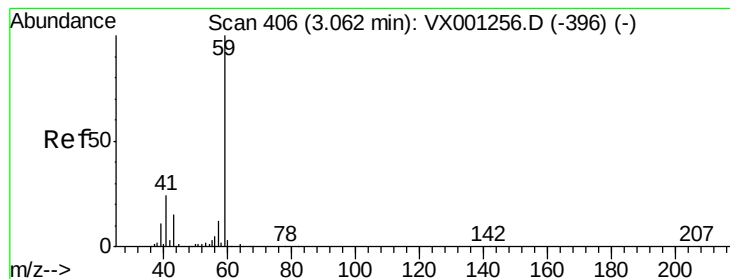
Delta R.T. 0.00 min

Lab File: VX001267.D

Acq: 30 Apr 2018 21:46

Tgt Ion:	96	Resp:	44681
Ion	Ratio	Lower	Upper
96	100		
61	141.6	113.5	170.3
98	65.4	51.8	77.8





#23

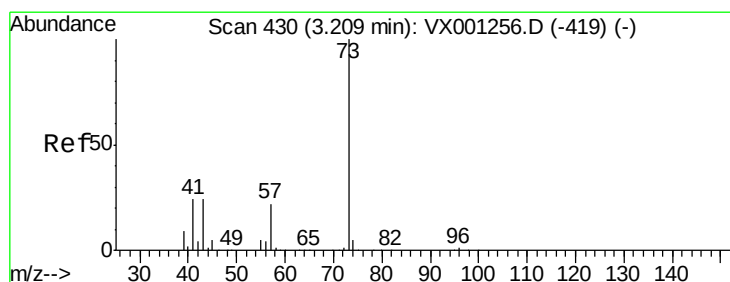
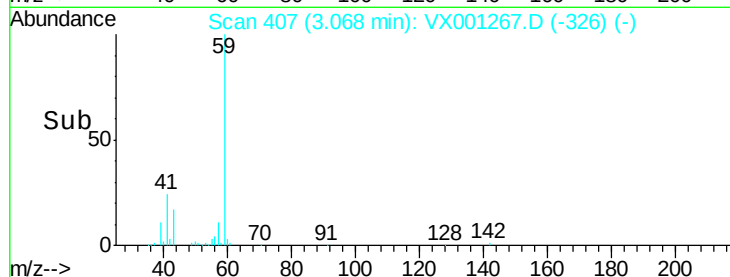
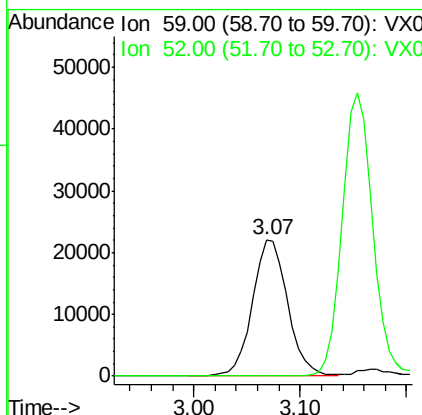
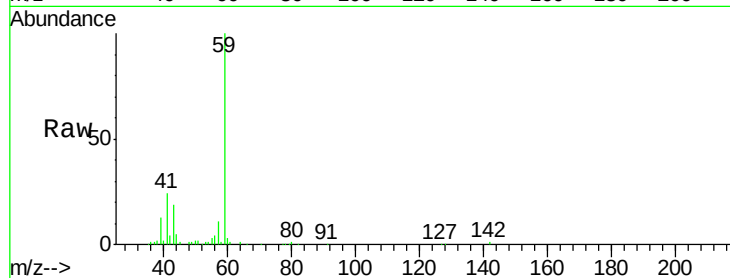
tert-Butyl Alcohol
Concen: 128.29 ug/l
RT: 3.07 min Scan# 407
Delta R.T. -0.01 min
Lab File: VX001267.D
Acq: 30 Apr 2018 21:46

Instrument :
MSVOA_X
ClientSampled :
VSTDCCC020EC

Tot Ion	59	Ratio	Lower	Upper
59	100			
52	0.3	0.1	0.1	0.1#

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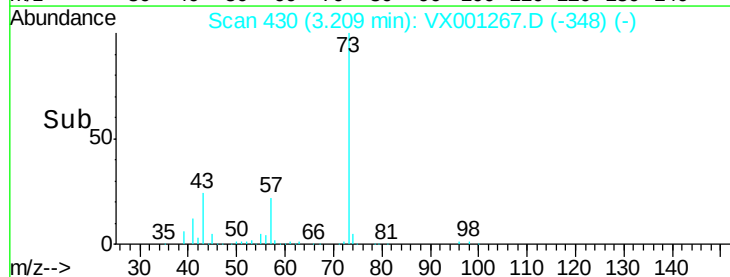
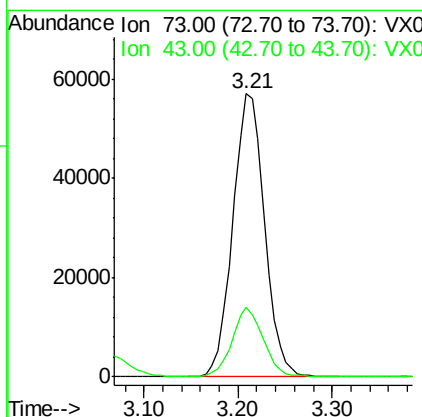
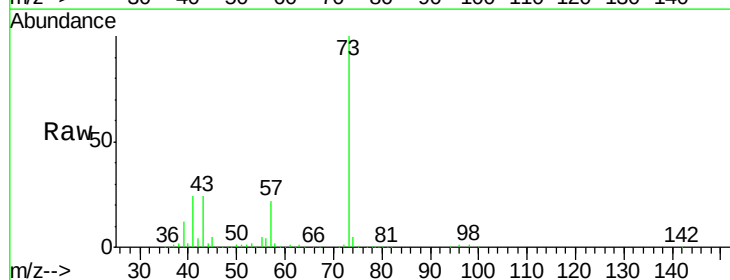
MMDadoda
5/2/2018 11:08:11 AM

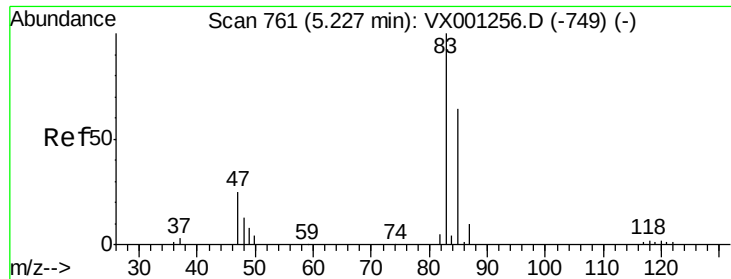


#24

Methyl tert-Butyl Ether
Concen: 20.91 ug/l
RT: 3.21 min Scan# 430
Delta R.T. 0.00 min
Lab File: VX001267.D
Acq: 30 Apr 2018 21:46

Tgt Ion	73	Ratio	Lower	Upper
73	100			
43	23.6	16.5	24.7	





#25

Chloroform

Concen: 19.92 ug/l

RT: 5.23 min Scan# 761

Delta R.T. 0.00 min

Lab File: VX001267.D

Acq: 30 Apr 2018 21:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tot Ion: 83 Resp: 76025

Ion Ratio Lower Upper

83 100

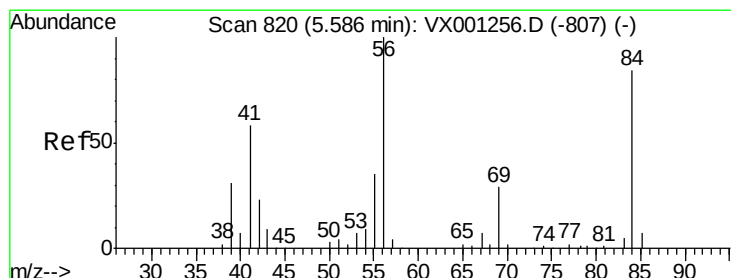
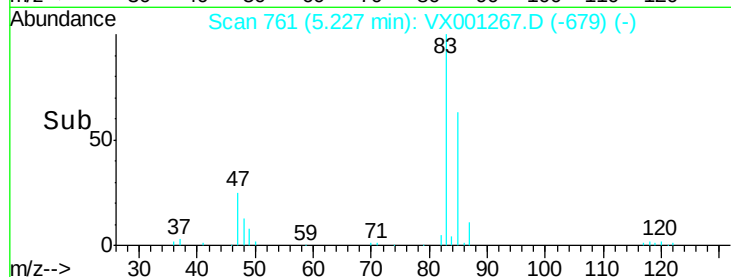
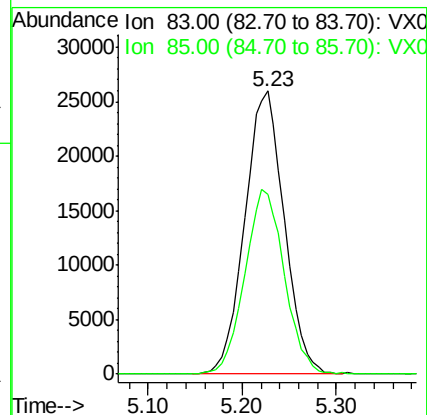
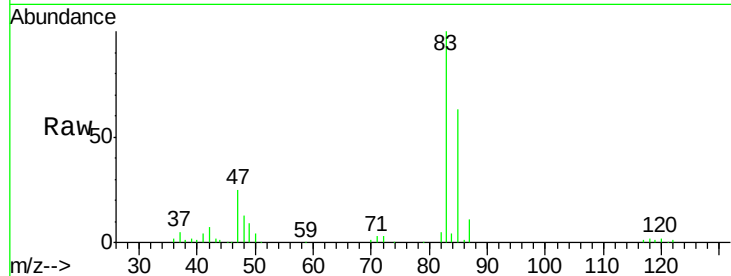
85 63.3 52.5 78.7

Manual Integrations

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#26

Cyclohexane

Concen: 19.61 ug/l

RT: 5.59 min Scan# 820

Delta R.T. 0.01 min

Lab File: VX001267.D

Acq: 30 Apr 2018 21:46

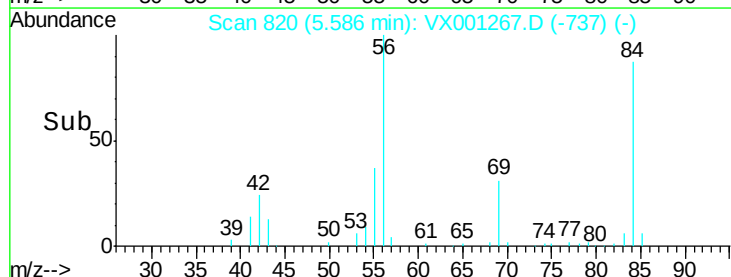
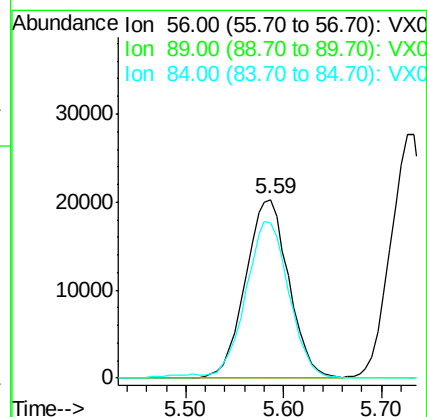
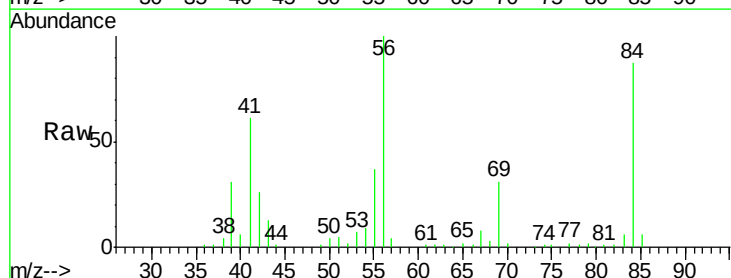
Tgt Ion: 56 Resp: 62504

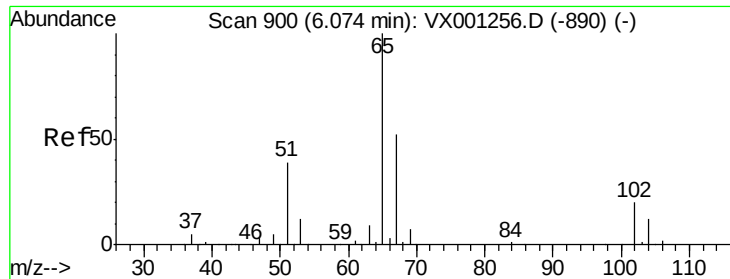
Ion Ratio Lower Upper

56 100

89 0.0 0.0 0.0

84 87.4 74.8 112.2





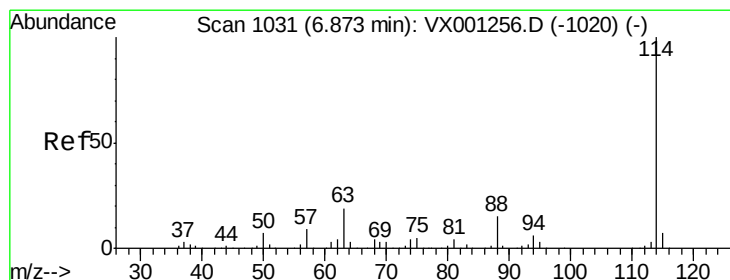
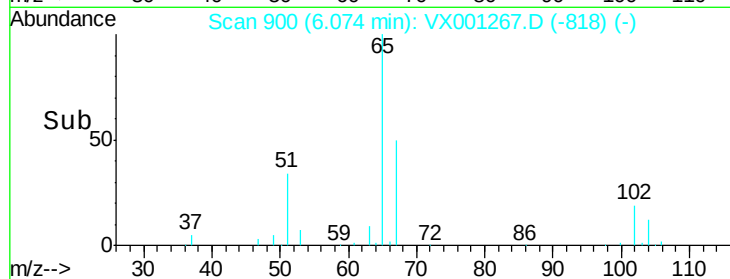
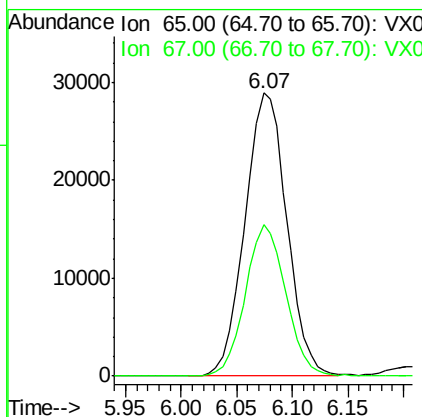
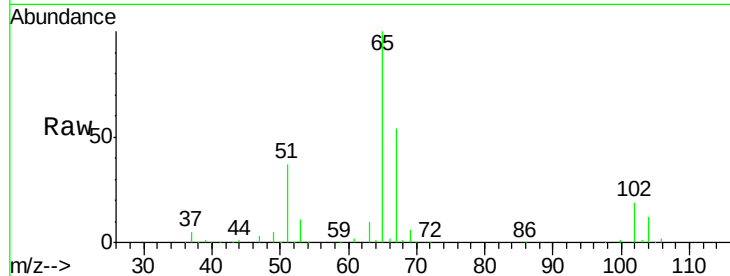
#27
 1,2-Dichloroethane-d4
 Concen: 30.84 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. 0.00 min
 Lab File: VX001267.D
 Acq: 30 Apr 2018 21:46

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
65	100		
67	51.5	41.4	62.2

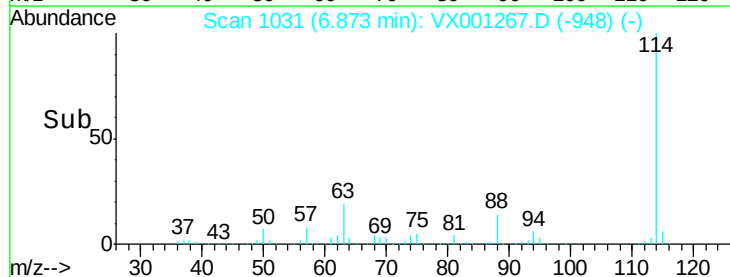
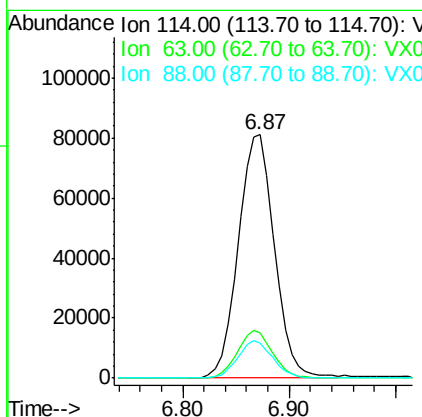
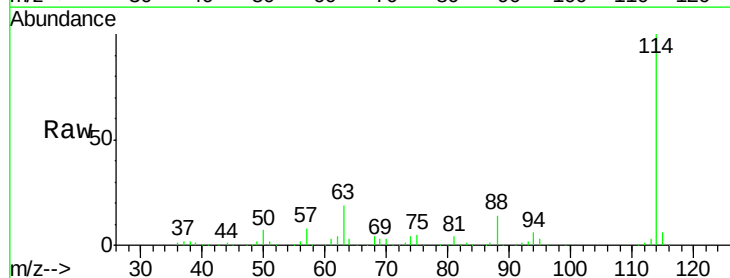
Manual Integrations
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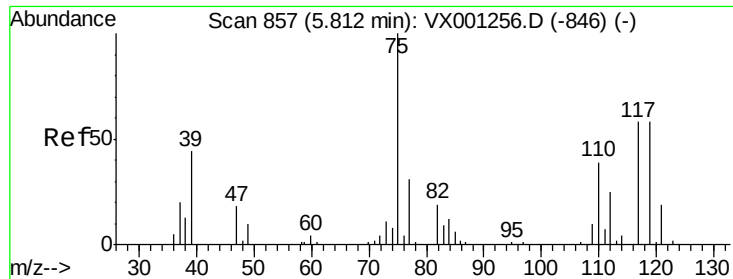
MMDadoda
 5/2/2018 11:08:11 AM



#28
 1,4-Difluorobenzene
 Concen: 30.00 ug/l
 RT: 6.87 min Scan# 1031
 Delta R.T. 0.01 min
 Lab File: VX001267.D
 Acq: 30 Apr 2018 21:46

Tgt Ion	Ratio	Lower	Upper
114	100		
63	19.2	15.0	22.4
88	14.9	11.8	17.8





#29

1,1-Dichloropropene

Concen: 19.03 ug/l

RT: 5.81 min Scan# 856

Delta R.T. 0.00 min

Lab File: VX001267.D

Acq: 30 Apr 2018 21:46

Instrument :

MSVOA_X

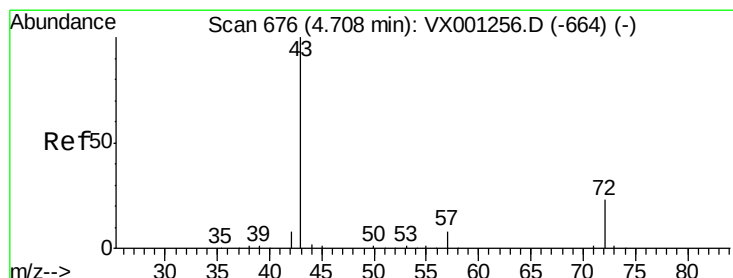
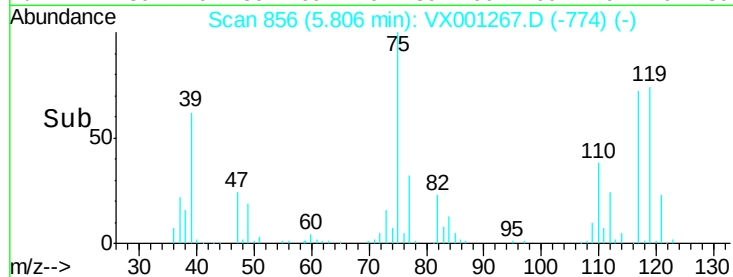
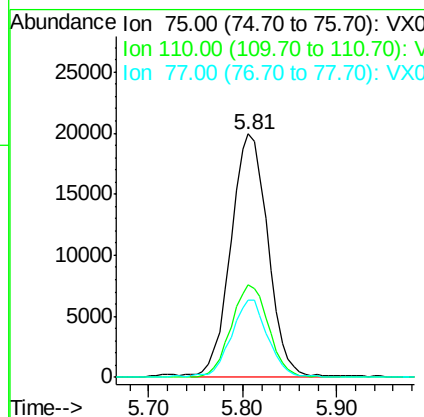
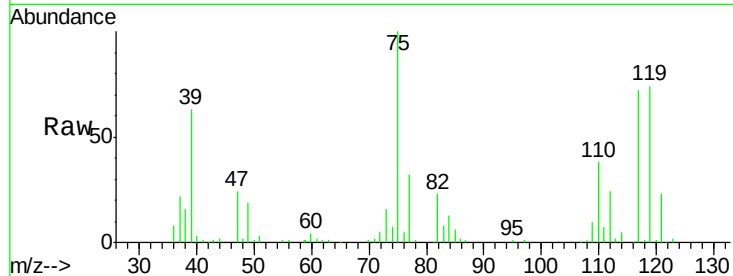
ClientSampleId :

VSTDCCC020EC

Tot Ion:	75	Resp:	54775
Ion Ratio	Lower	Upper	
75	100		
110	37.9	0.0	75.6
77	30.4	0.0	62.6

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#30

2-Butanone

Concen: 104.04 ug/l

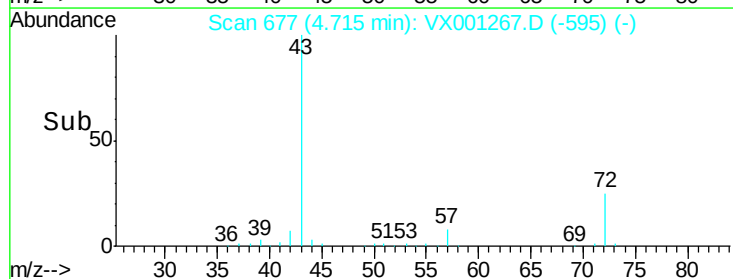
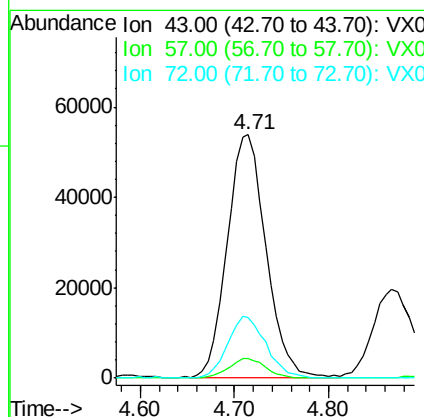
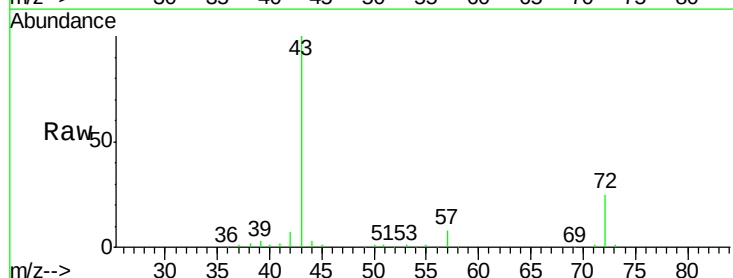
RT: 4.71 min Scan# 677

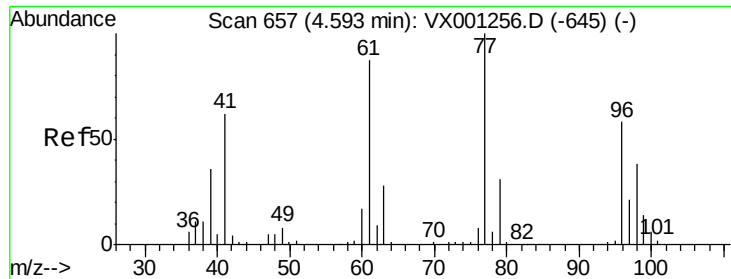
Delta R.T. 0.00 min

Lab File: VX001267.D

Acq: 30 Apr 2018 21:46

Tgt Ion:	43	Resp:	153431
Ion Ratio	Lower	Upper	
43	100		
57	7.9	6.6	10.0
72	25.2	21.8	32.6





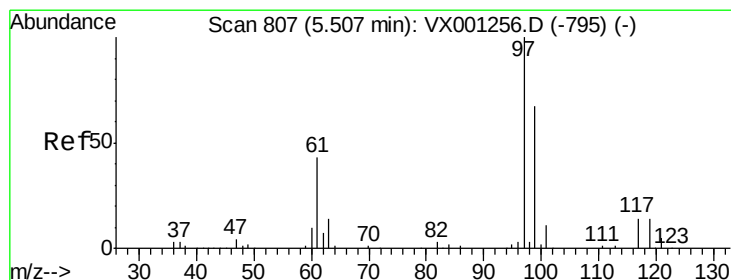
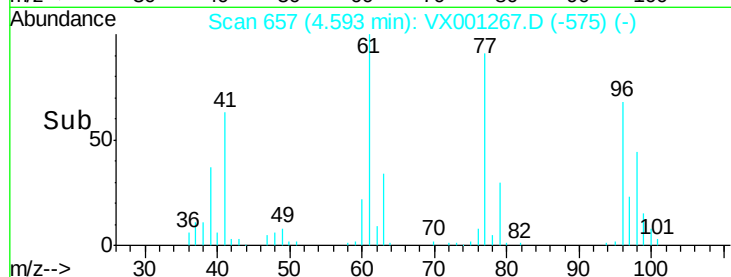
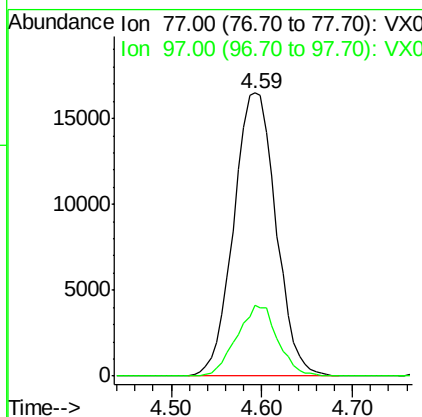
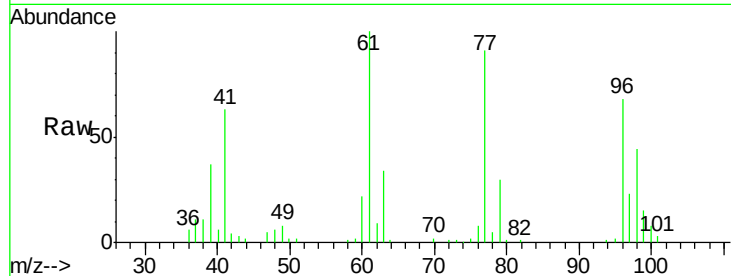
#31
 2,2-Dichloropropane
 Concen: 16.98 ug/l
 RT: 4.59 min Scan# 657
 Delta R.T. 0.00 min
 Lab File: VX001267.D
 Acq: 30 Apr 2018 21:46

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

Tot Ion: 77 Resp: 53358
 Ion Ratio Lower Upper
 77 100
 97 24.0 18.6 27.8

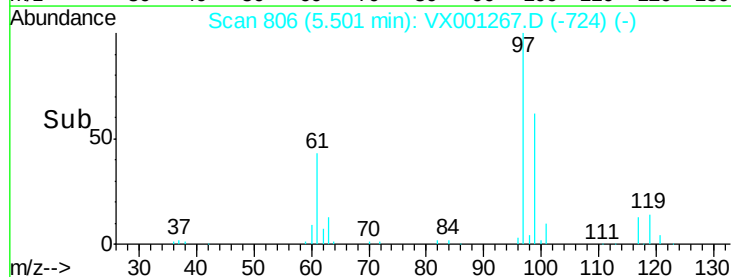
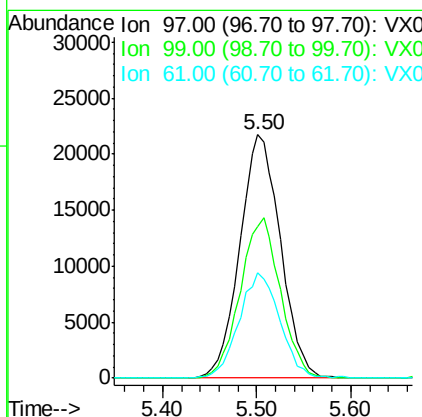
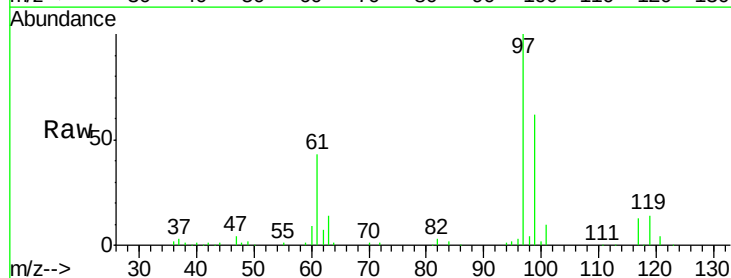
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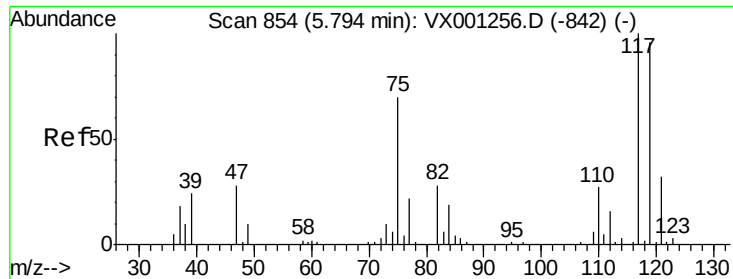
MMDadoda
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#32
 1,1,1-Trichloroethane
 Concen: 18.83 ug/l
 RT: 5.50 min Scan# 806
 Delta R.T. 0.00 min
 Lab File: VX001267.D
 Acq: 30 Apr 2018 21:46

Tgt Ion: 97 Resp: 65555
 Ion Ratio Lower Upper
 97 100
 99 65.0 52.3 78.5
 61 43.4 34.3 51.5





#33

Carbon Tetrachloride

Concen: 18.08 ug/l

RT: 5.79 min Scan# 853

Delta R.T. 0.00 min

Lab File: VX001267.D

Acq: 30 Apr 2018 21:46

Instrument :

MSVOA_X

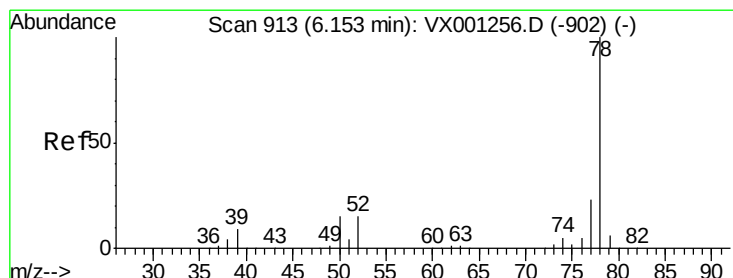
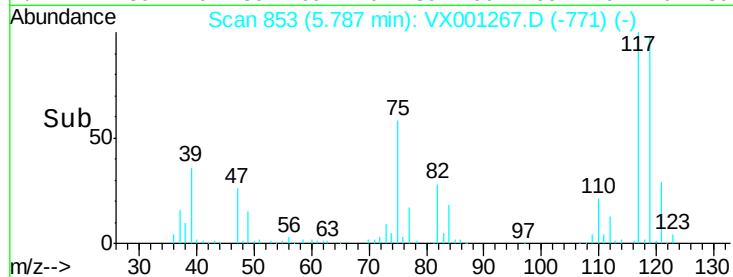
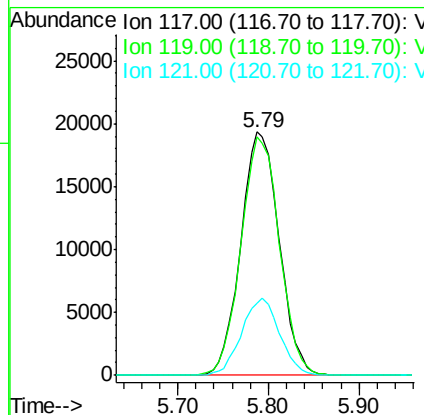
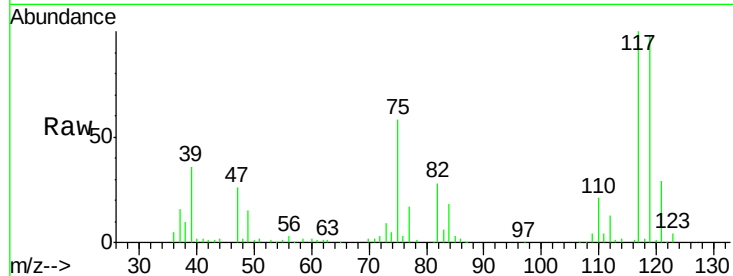
ClientSampled :

VSTDCCC020EC

Tot Ion:	117	Resp:	56750
Ion Ratio	Lower	Upper	
117	100		
119	98.0	73.5	110.3
121	29.5	24.6	37.0

Manual Integrations
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#34

Benzene

Concen: 19.16 ug/l

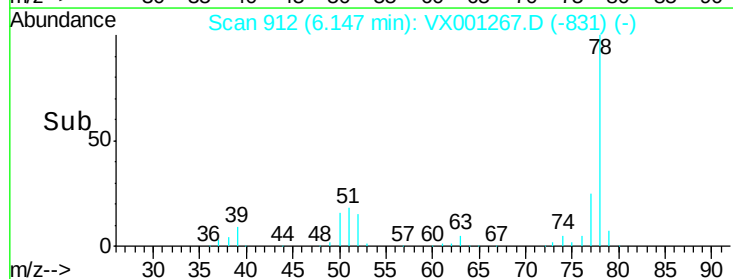
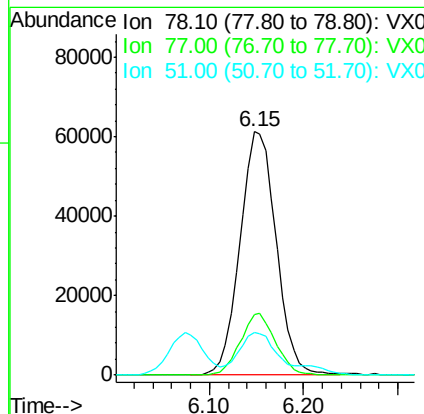
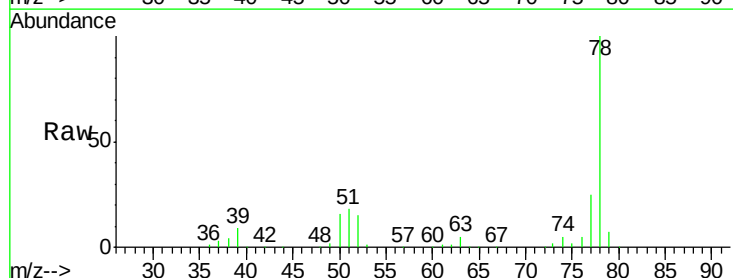
RT: 6.15 min Scan# 912

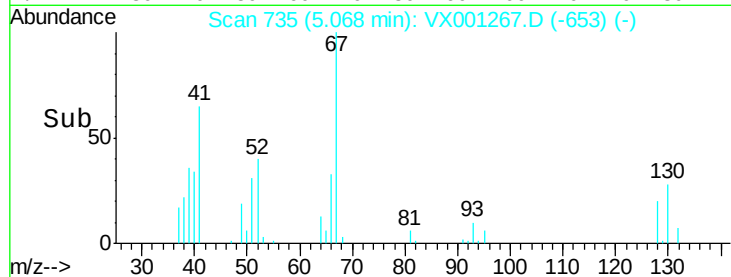
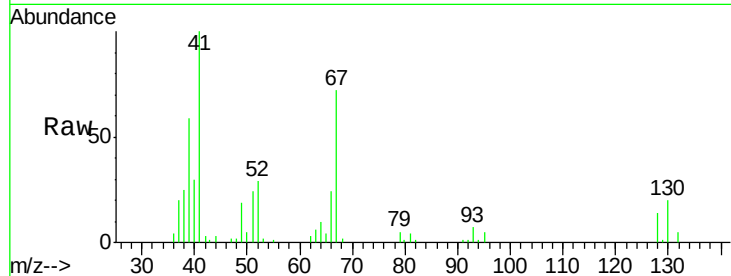
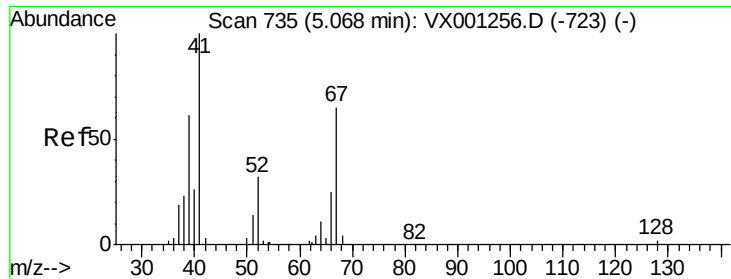
Delta R.T. -0.01 min

Lab File: VX001267.D

Acq: 30 Apr 2018 21:46

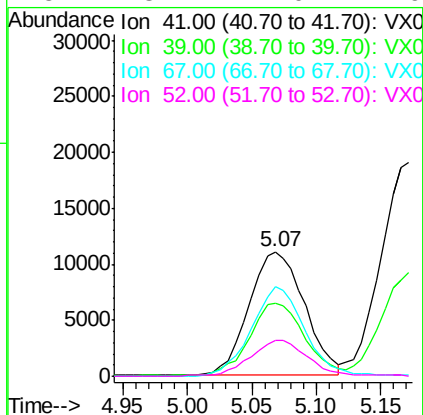
Tgt Ion:	78	Resp:	163408
Ion Ratio	Lower	Upper	
78	100		
77	25.0	21.7	32.5
51	17.0	14.9	22.3





#35
Methacrylonitrile
Concen: 20.11 ug/l
RT: 5.07 min Scan# 735
Delta R.T. 0.00 min
Lab File: VX001267.D
Acq: 30 Apr 2018 21:46

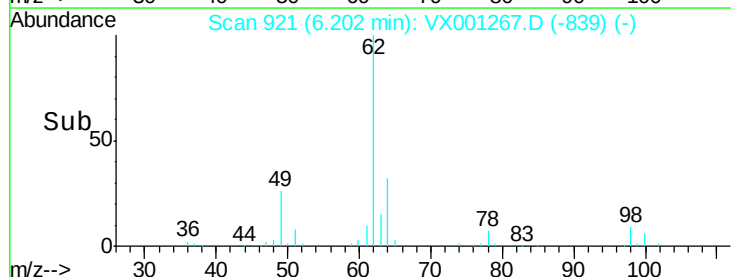
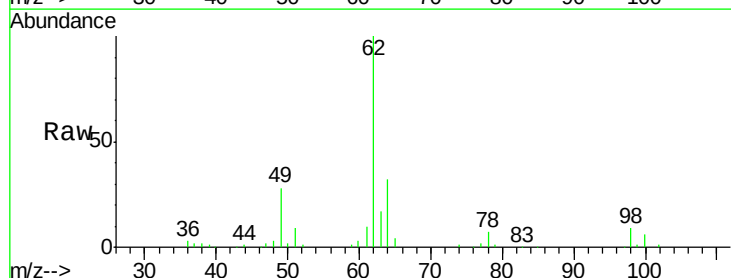
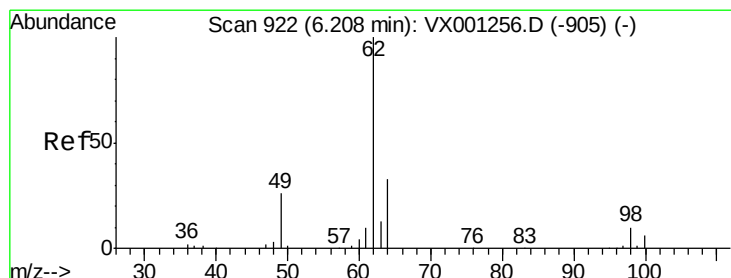
Tot Ion	Ion	Ratio	Resp	Lower	Upper
41	100				
39	59.0	29.8	89.3		
67	72.6	28.7	86.3		
52	28.1	14.0	41.9		



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

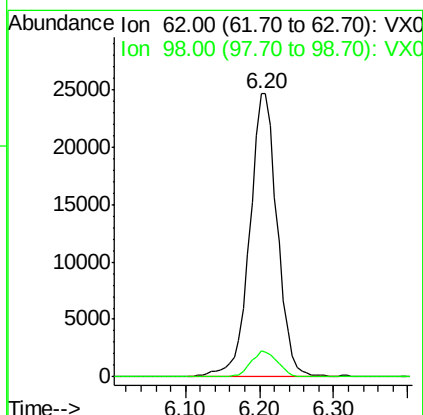
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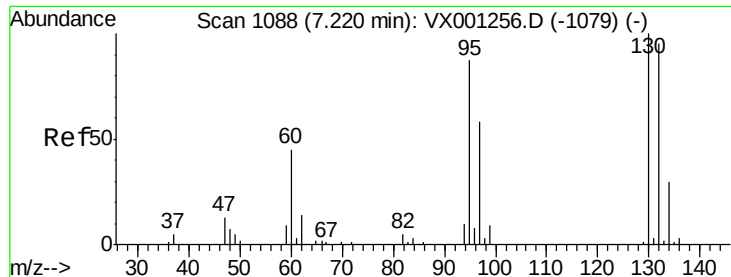
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#36
1,2-Dichloroethane
Concen: 19.57 ug/l
RT: 6.20 min Scan# 921
Delta R.T. 0.00 min
Lab File: VX001267.D
Acq: 30 Apr 2018 21:46

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
62	100				
98	8.7	6.9	10.3		





#37

Trichloroethene

Concen: 19.20 ug/l

RT: 7.22 min Scan# 1088

Delta R.T. 0.00 min

Lab File: VX001267.D

Acq: 30 Apr 2018 21:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tot Ion:130 Resp: 49651

Ion Ratio Lower Upper

130 100

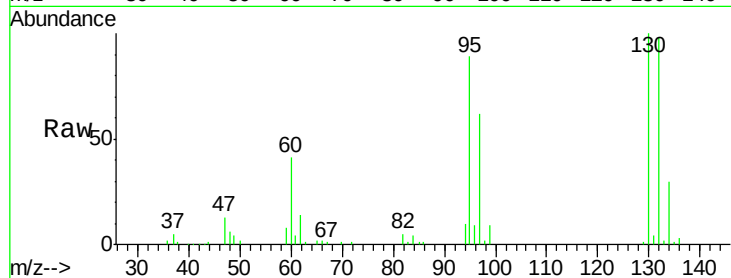
95 89.0 74.6 112.0

Manual Integrations

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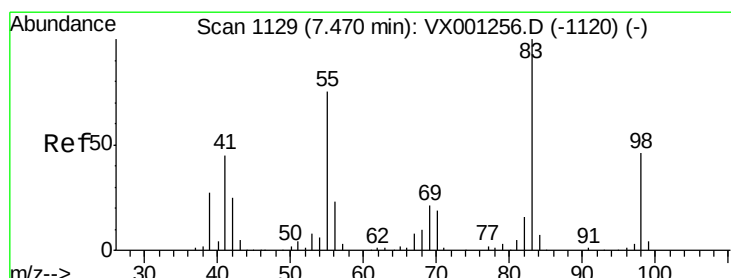
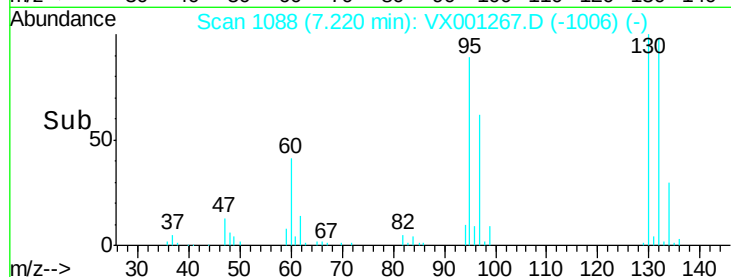
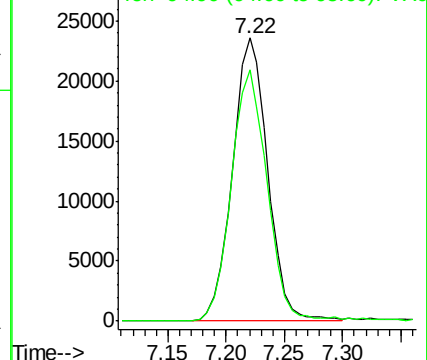
MMDadoda

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Abundance Ion 129.90 (129.60 to 130.60): V

Ion 94.90 (94.60 to 95.60): VX0



#38

Methylcyclohexane

Concen: 18.66 ug/l

RT: 7.46 min Scan# 1128

Delta R.T. -0.01 min

Lab File: VX001267.D

Acq: 30 Apr 2018 21:46

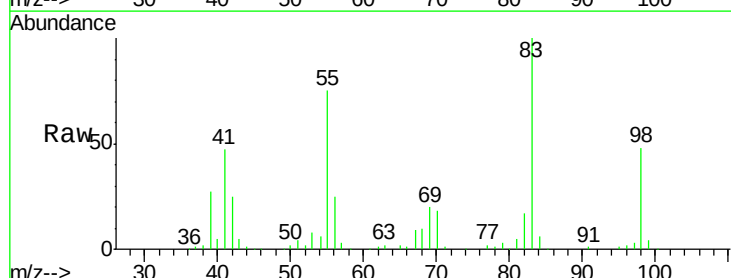
Tgt Ion: 83 Resp: 63198

Ion Ratio Lower Upper

83 100

55 77.2 35.9 107.7

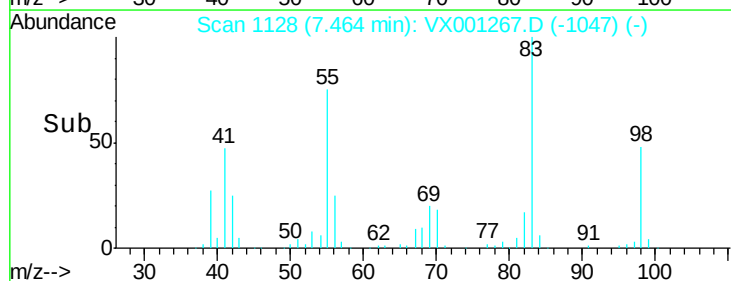
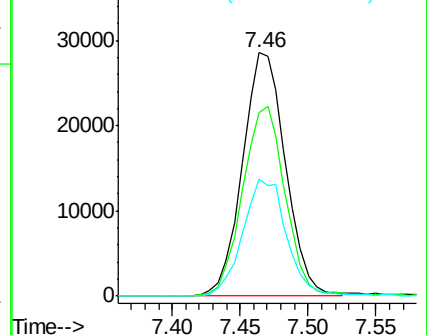
98 49.2 24.6 74.0

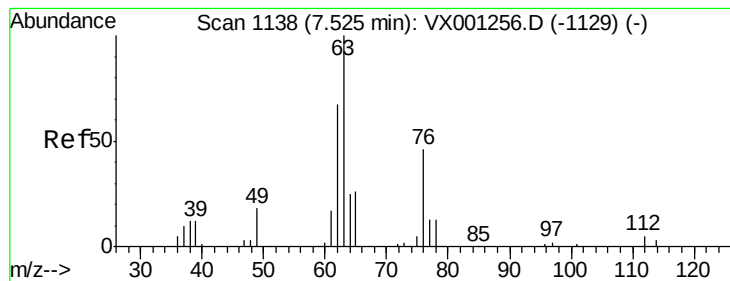


Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 98.00 (97.70 to 98.70): VX0





#39

1,2-Dichloropropane

Concen: 19.18 ug/l

RT: 7.52 min Scan# 1138

Delta R.T. 0.00 min

Lab File: VX001267.D

Acq: 30 Apr 2018 21:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tot Ion: 63 Resp: 41485

Ion Ratio Lower Upper

63 100

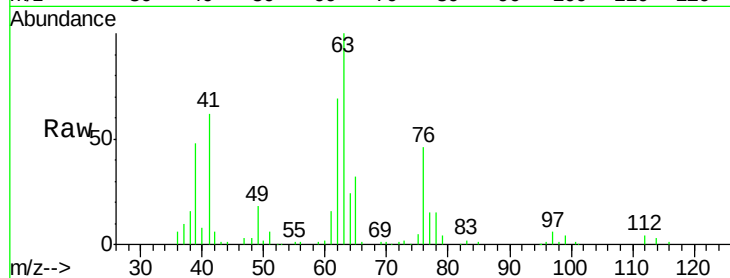
65 32.6 25.0 37.6

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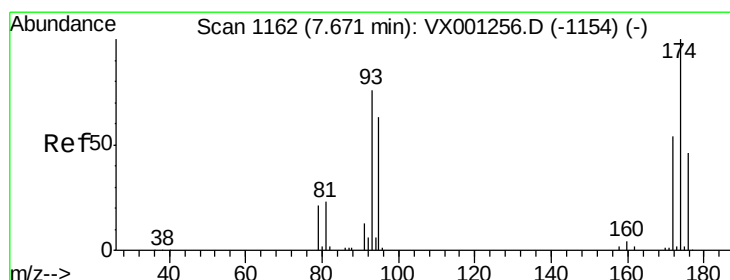
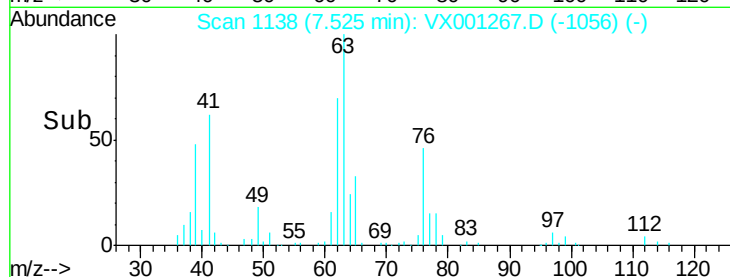
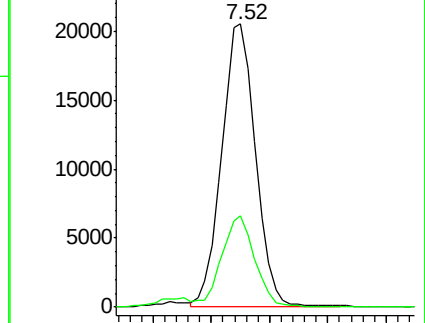
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Abundance Ion 63.00 (62.70 to 63.70): VX0

Ion 65.00 (64.70 to 65.70): VX0



#40

Dibromomethane

Concen: 19.41 ug/l

RT: 7.67 min Scan# 1162

Delta R.T. 0.00 min

Lab File: VX001267.D

Acq: 30 Apr 2018 21:46

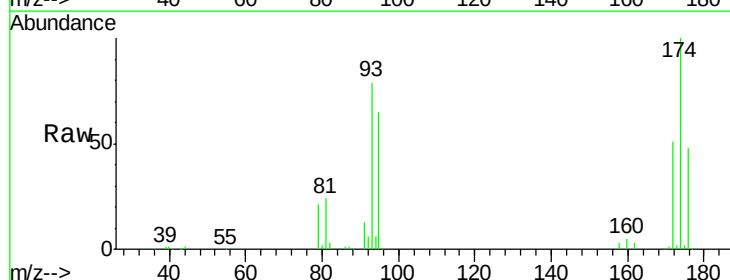
Tgt Ion: 93 Resp: 29529

Ion Ratio Lower Upper

93 100

95 82.8 0.0 170.6

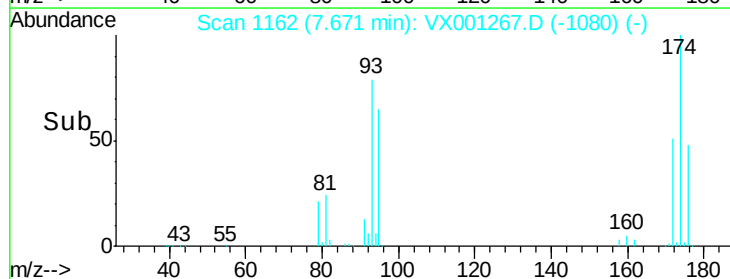
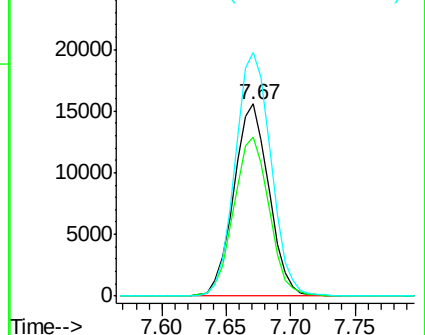
174 128.7 0.0 210.4

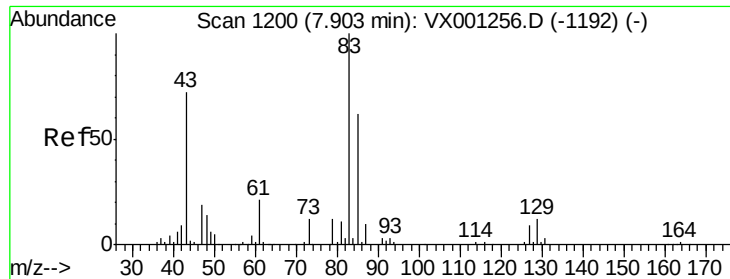


Abundance Ion 93.00 (92.70 to 93.70): VX0

Ion 95.00 (94.70 to 95.70): VX0

Ion 174.00 (173.70 to 174.70): V





#41

Bromodichloromethane

Concen: 18.18 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. 0.00 min

Lab File: VX001267.D

Acq: 30 Apr 2018 21:46

Instrument :

MSVOA_X

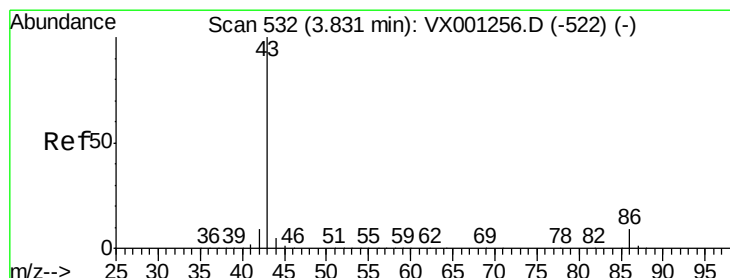
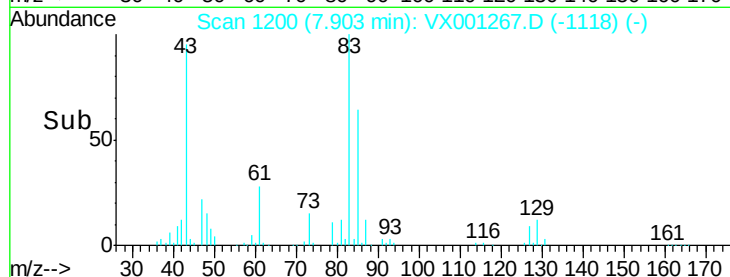
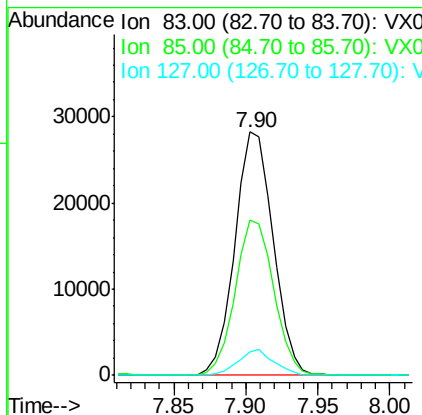
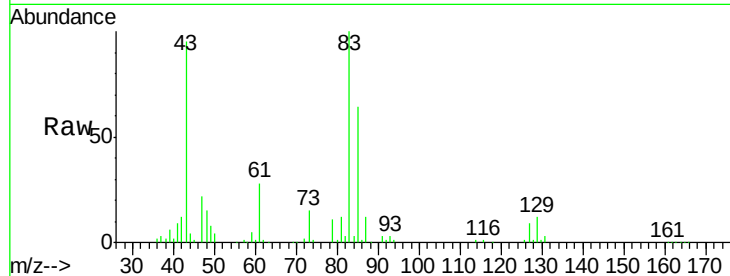
ClientSampleId :

VSTDCCC020EC

Tot Ion:	83	Resp:	52249
Ion	Ratio	Lower	Upper
83	100		
85	63.8	50.0	75.0
127	9.5	6.6	10.0

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#42

Vinyl Acetate

Concen: 94.20 ug/l

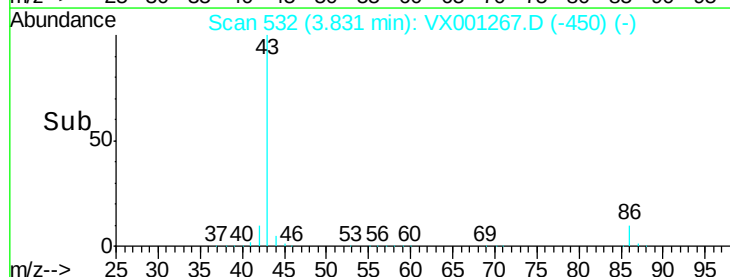
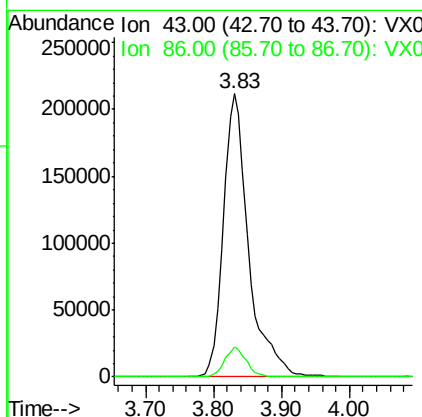
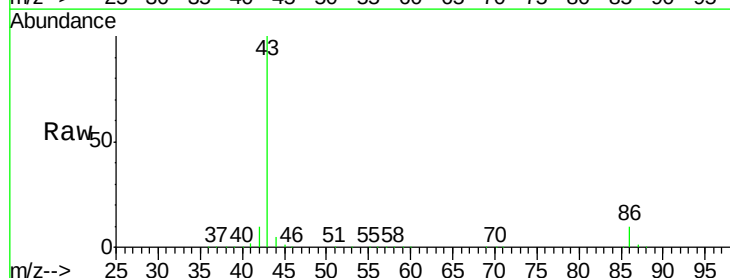
RT: 3.83 min Scan# 532

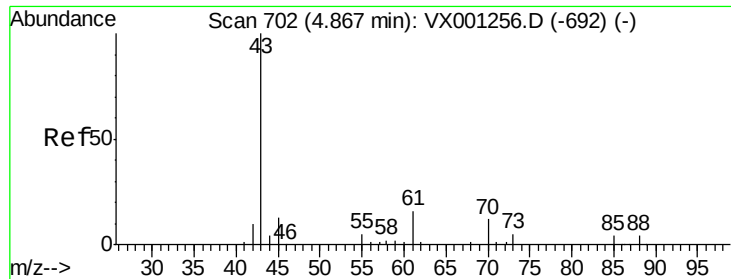
Delta R.T. 0.00 min

Lab File: VX001267.D

Acq: 30 Apr 2018 21:46

Tgt Ion:	43	Resp:	546462
Ion	Ratio	Lower	Upper
43	100		
86	9.0	7.8	11.6





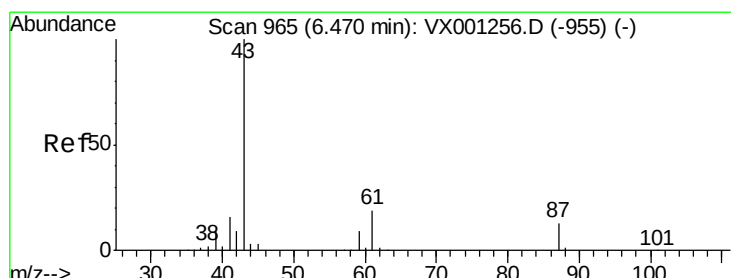
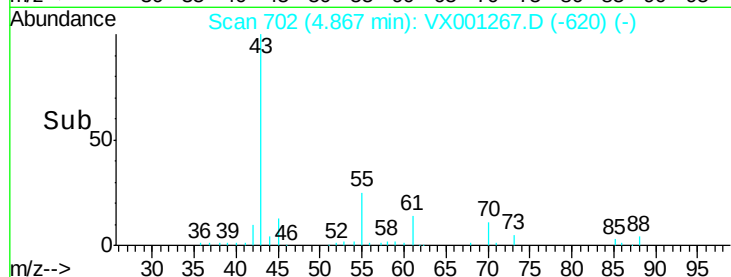
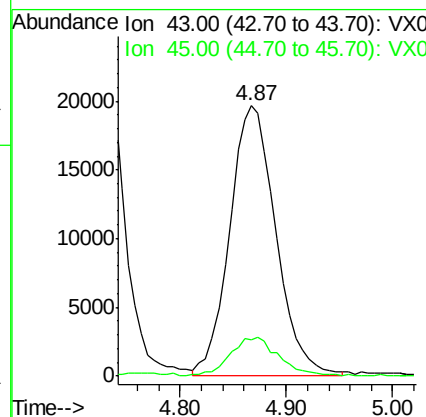
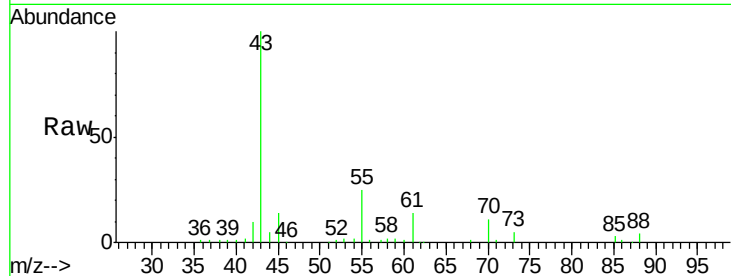
#43
Ethyl Acetate
Concen: 20.82 ug/l
RT: 4.87 min Scan# 702
Delta R.T. 0.00 min
Lab File: VX001267.D
Acq: 30 Apr 2018 21:46

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion: 43 Resp: 59139
Ion Ratio Lower Upper
43 100
45 15.2 11.4 17.0

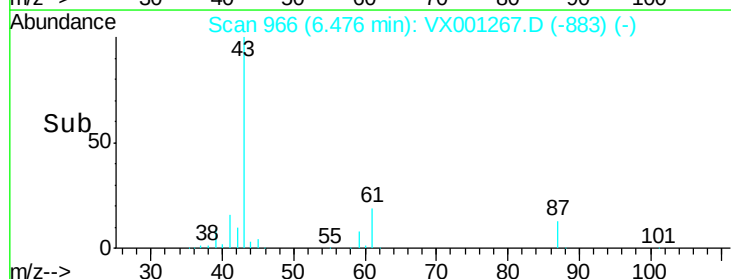
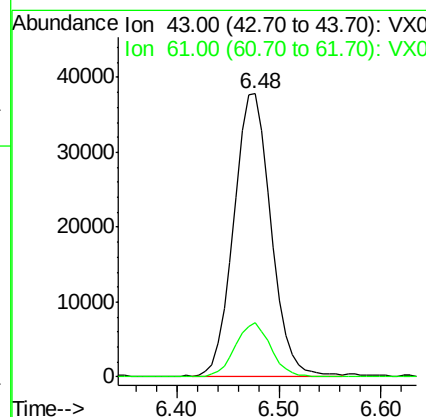
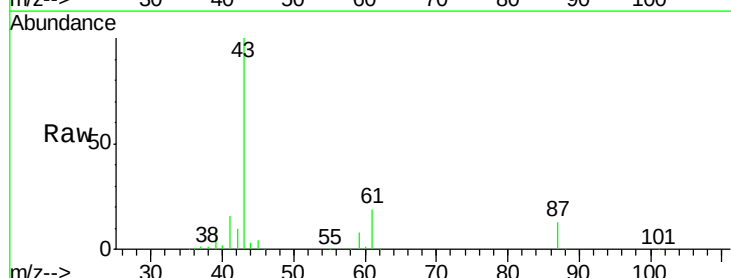
Manual Integrations
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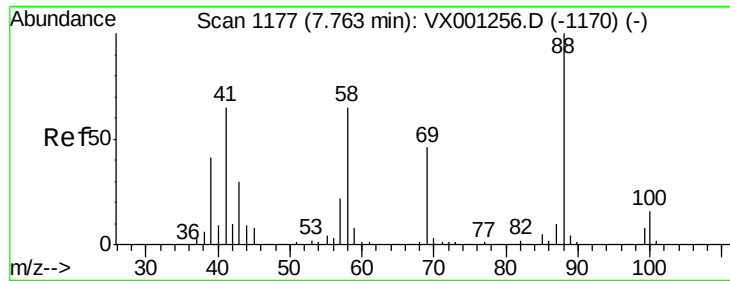
MMDadoda
5/2/2018 11:08:11 AM



#44
Isopropyl Acetate
Concen: 19.72 ug/l
RT: 6.48 min Scan# 966
Delta R.T. 0.01 min
Lab File: VX001267.D
Acq: 30 Apr 2018 21:46

Tgt Ion: 43 Resp: 95299
Ion Ratio Lower Upper
43 100
61 18.4 15.7 23.5





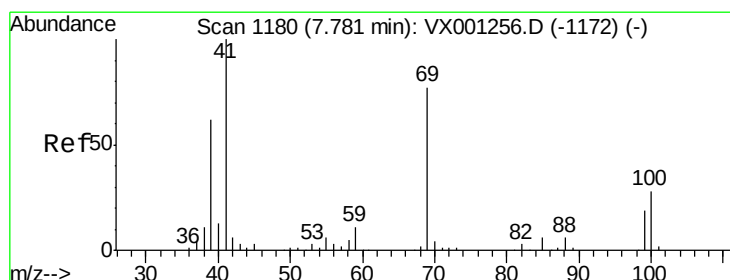
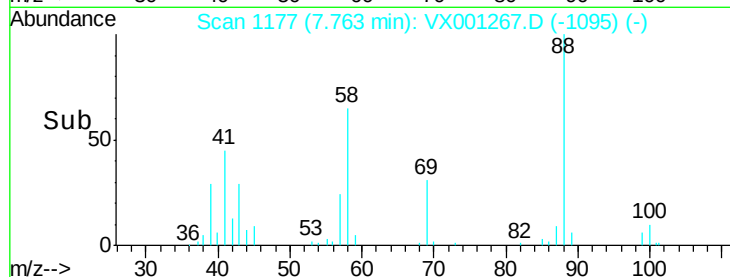
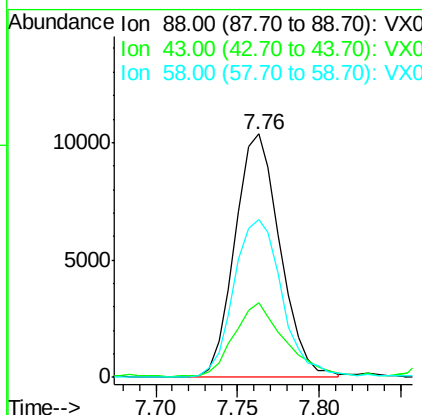
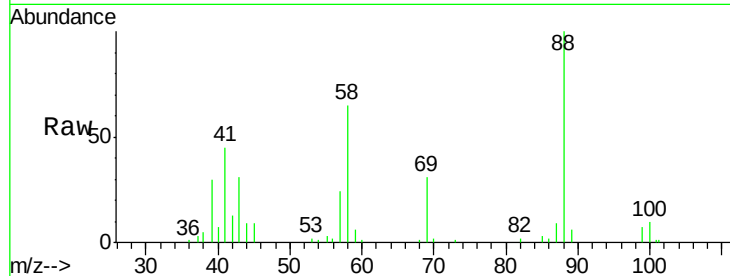
#45
1,4-Dioxane
Concen: 454.48 ug/l
RT: 7.76 min Scan# 1177
Delta R.T. 0.00 min
Lab File: VX001267.D
Acq: 30 Apr 2018 21:46

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
88	100		
43	33.4	26.8	40.2
58	69.6	52.1	78.1

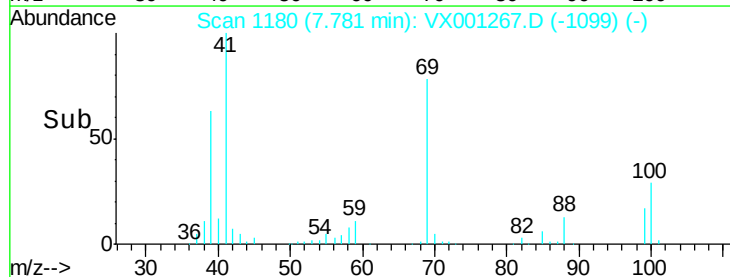
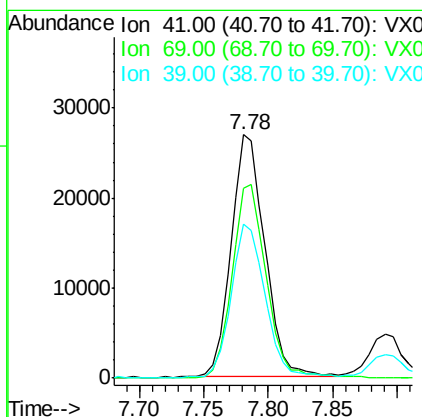
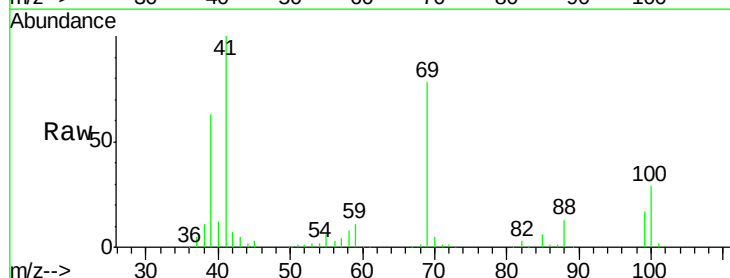
Manual Integrations
APPROVED

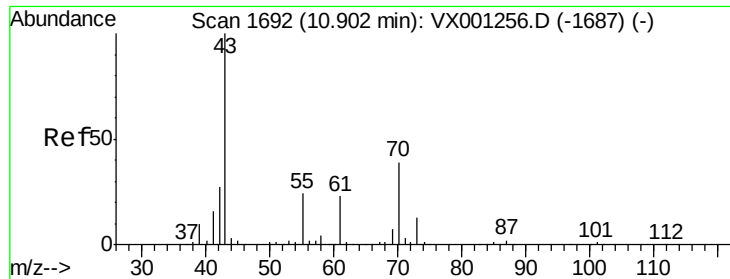
MMDadoda
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#46
Methyl methacrylate
Concen: 19.60 ug/l
RT: 7.78 min Scan# 1180
Delta R.T. -0.01 min
Lab File: VX001267.D
Acq: 30 Apr 2018 21:46

Tgt Ion	Ratio	Lower	Upper
41	100		
69	78.3	45.5	136.5
39	62.8	32.5	97.5





#47

n-amvl Acetate

Concen: 17.99 ug/l

RT: 10.90 min Scan# 1692

Delta R.T. 0.00 min

Lab File: VX001267.D

Acq: 30 Apr 2018 21:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tot Ion: 43 Resp: 83436

Ion Ratio Lower Upper

43 100

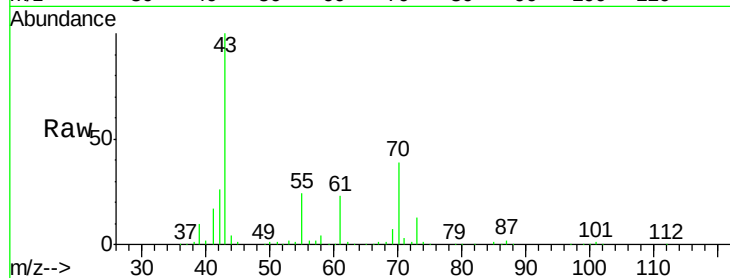
55 24.4 19.4 29.2

Manual Integrations

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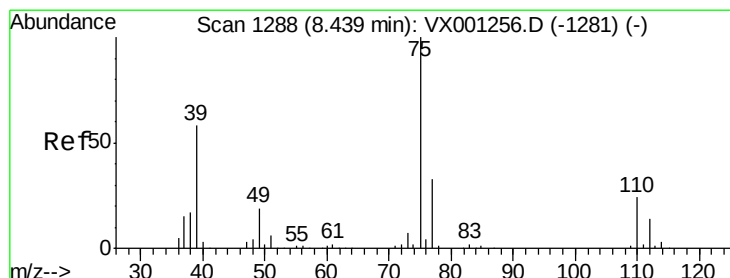
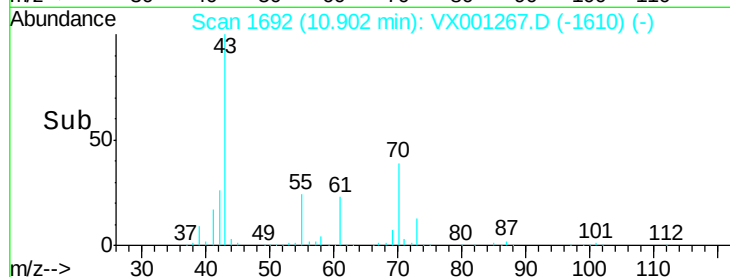
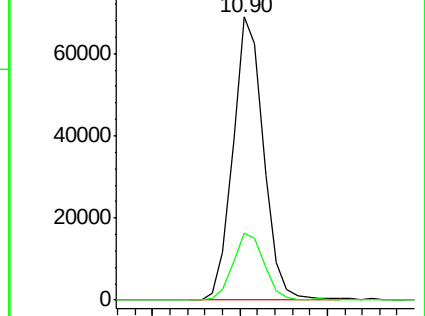
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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#48

t-1,3-Dichloropropene

Concen: 17.84 ug/l

RT: 8.44 min Scan# 1288

Delta R.T. -0.01 min

Lab File: VX001267.D

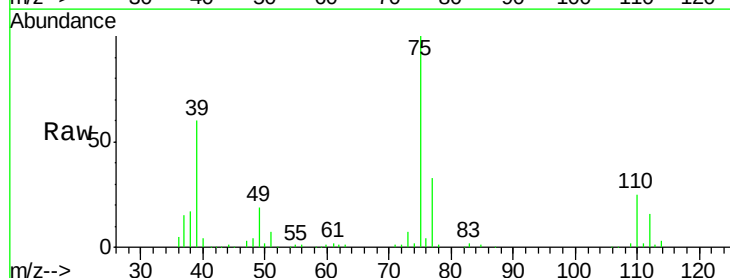
Acq: 30 Apr 2018 21:46

Tgt Ion: 75 Resp: 60356

Ion Ratio Lower Upper

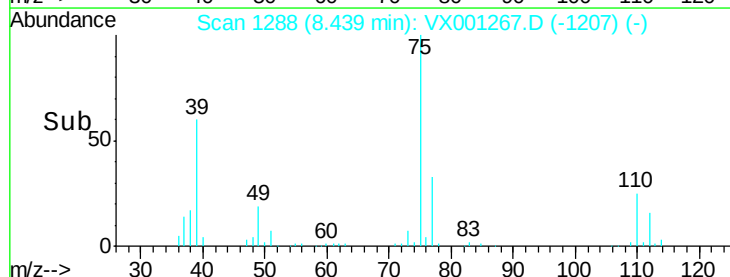
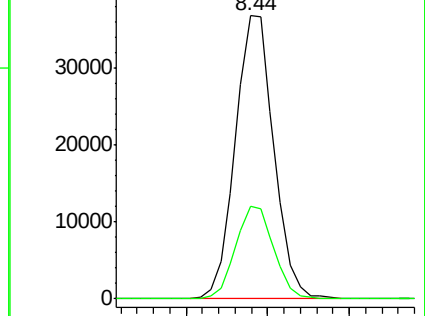
75 100

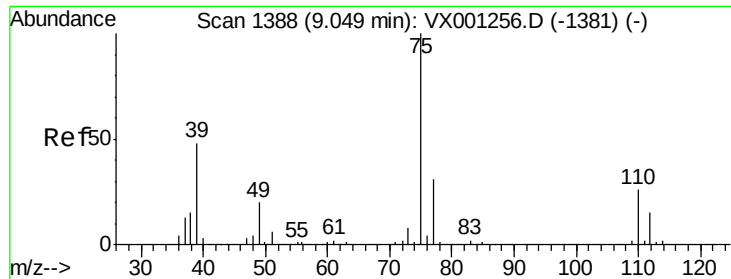
77 33.0 24.6 37.0



Abundance Ion 75.00 (74.70 to 75.70): VX0

Ion 77.00 (76.70 to 77.70): VX0





#49

cis-1,3-Dichloropropene

Concen: 17.36 ug/l

RT: 9.05 min Scan# 1388

Delta R.T. 0.00 min

Lab File: VX001267.D

Acq: 30 Apr 2018 21:46

Instrument :

MSVOA_X

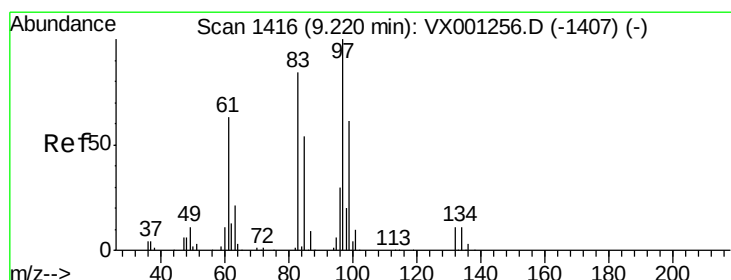
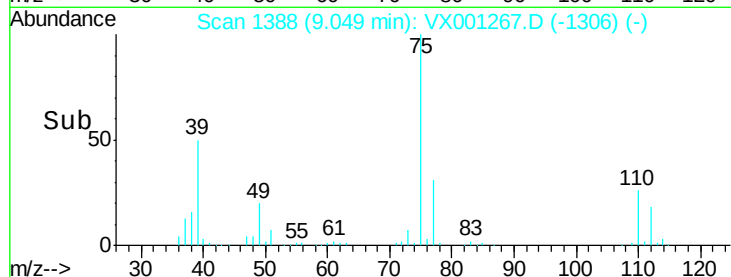
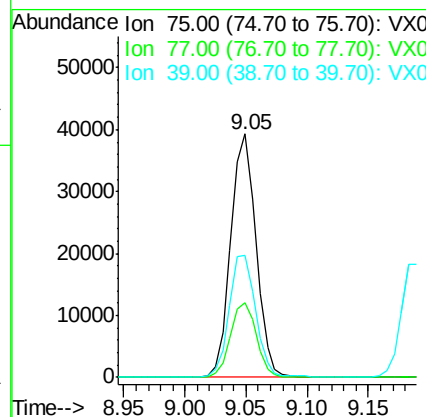
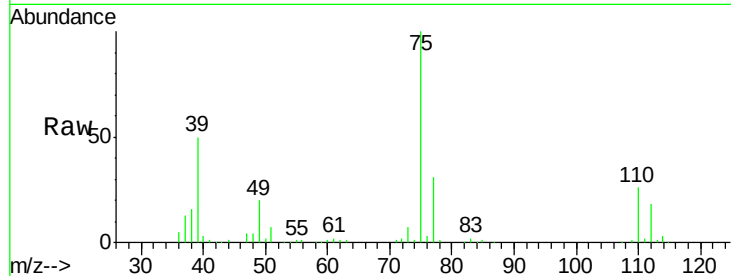
ClientSampleId :

VSTDCCC020EC

Tot Ion:	75	Resp:	56256
Ion Ratio	Lower	Upper	
75	100		
77	30.6	24.5	36.7
39	49.7	35.6	53.4

Manual Integrations
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#50

1,1,2-Trichloroethane

Concen: 19.39 ug/l

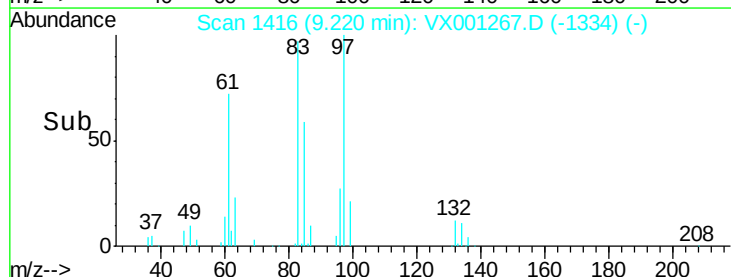
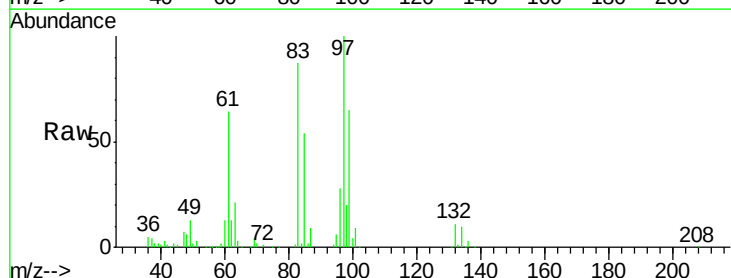
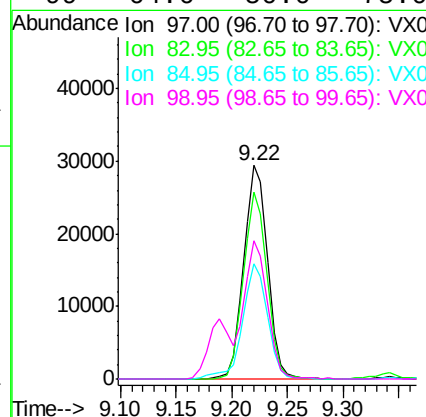
RT: 9.22 min Scan# 1416

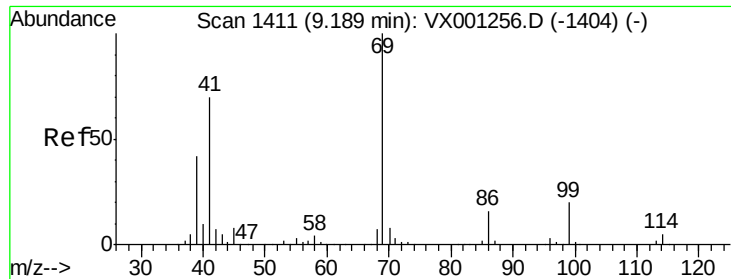
Delta R.T. 0.00 min

Lab File: VX001267.D

Acq: 30 Apr 2018 21:46

Tgt Ion:	97	Resp:	43815
Ion Ratio	Lower	Upper	
97	100		
83	87.2	66.9	100.3
85	54.1	44.4	66.6
99	64.6	50.0	75.0





#51

Ethyl methacrylate

Concen: 18.93 ug/l

RT: 9.19 min Scan# 1411

Delta R.T. 0.00 min

Lab File: VX001267.D

Acq: 30 Apr 2018 21:46

Instrument :

MSVOA_X

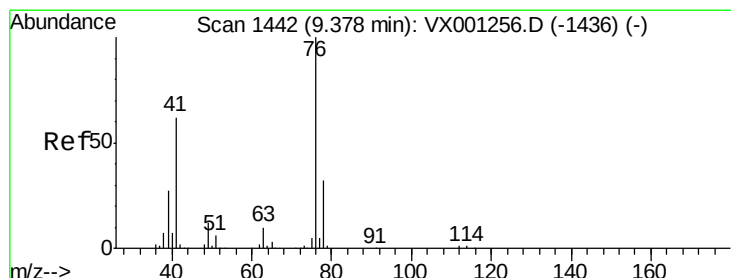
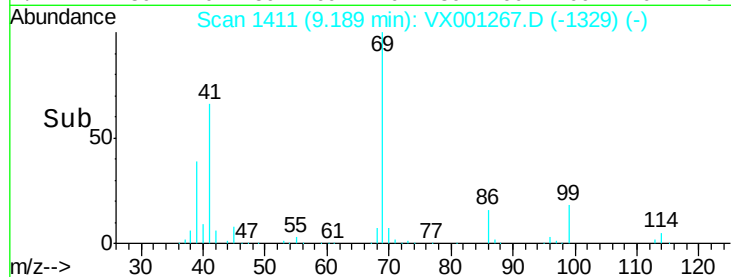
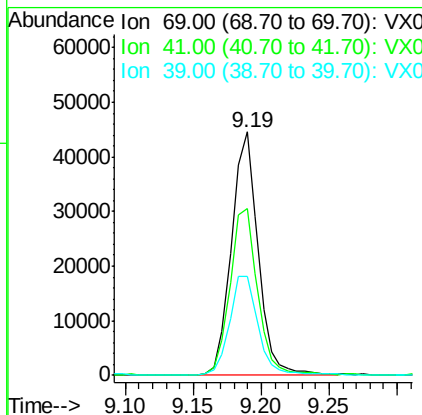
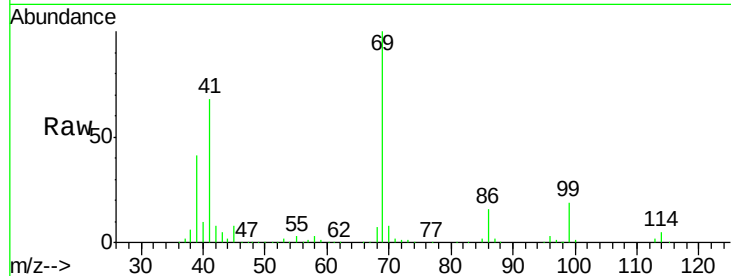
ClientSampleId :

VSTDCCC020EC

Tot Ion:	69	Resp:	60939
Ion	Ratio	Lower	Upper
69	100		
41	68.3	32.1	96.3
39	40.6	19.6	58.7

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#52

1,3-Dichloropropane

Concen: 19.86 ug/l

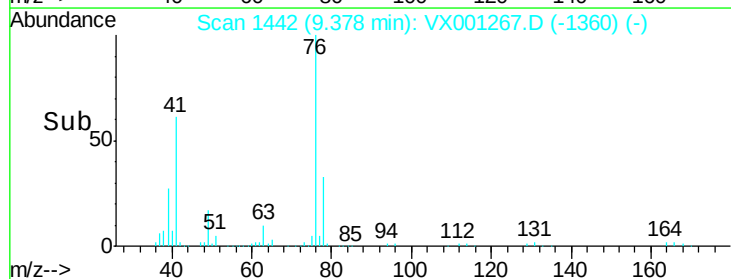
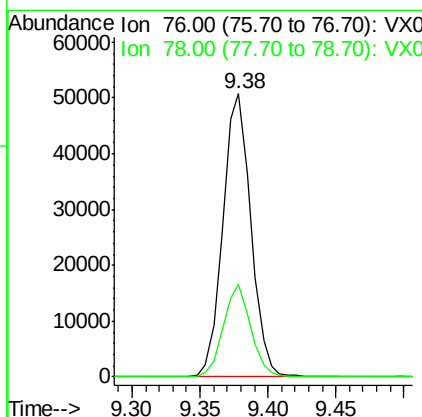
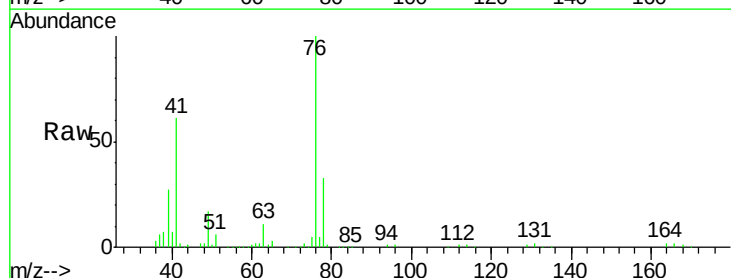
RT: 9.38 min Scan# 1442

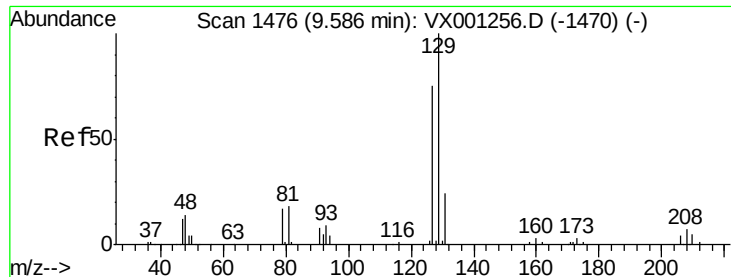
Delta R.T. 0.00 min

Lab File: VX001267.D

Acq: 30 Apr 2018 21:46

Tgt Ion:	76	Resp:	72546
Ion	Ratio	Lower	Upper
76	100		
78	31.7	0.0	65.0





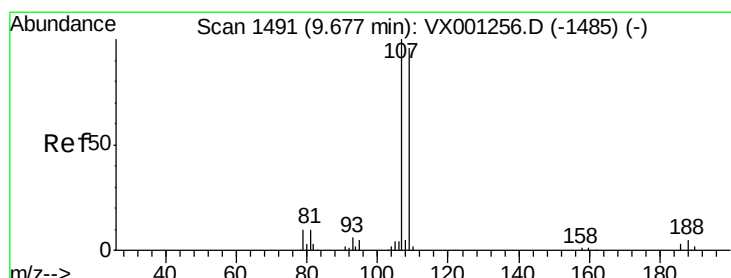
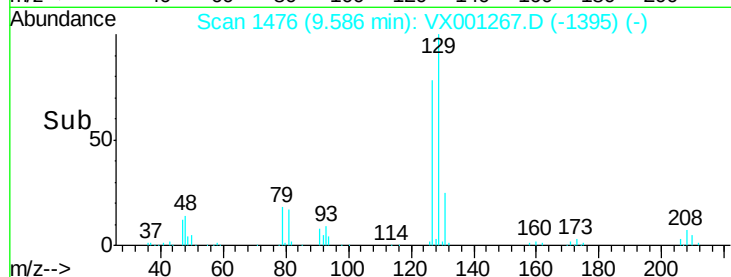
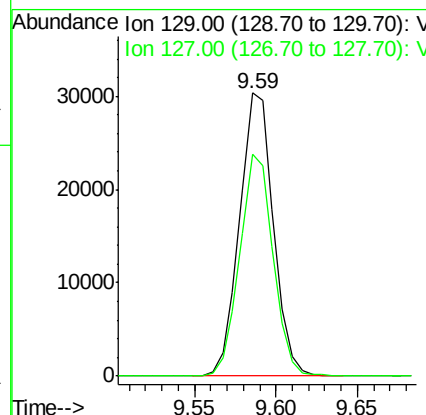
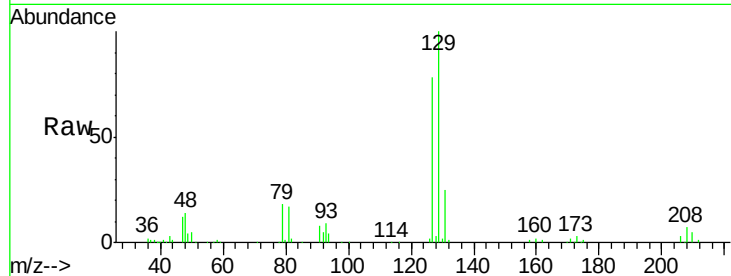
#53
 Dibromochloromethane
 Concen: 17.63 ug/l
 RT: 9.59 min Scan# 1476
 Delta R.T. -0.01 min
 Lab File: VX001267.D
 Acq: 30 Apr 2018 21:46

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

Tot Ion	Ion	Ratio	Resp	Lower	Upper
129	100		43962		
127	77.4	37.5	112.5		

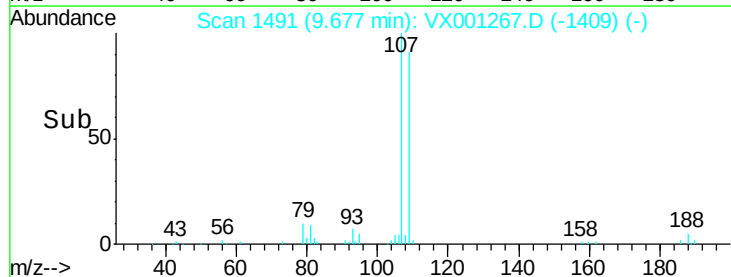
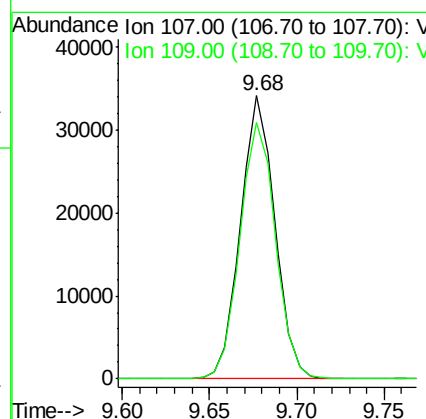
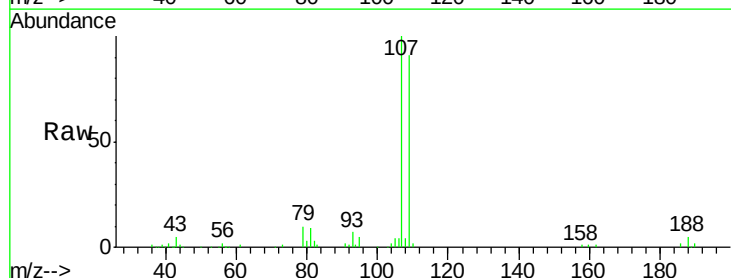
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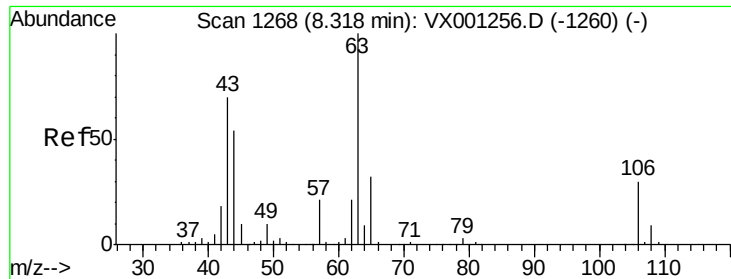
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#54
 1,2-Dibromoethane
 Concen: 19.34 ug/l
 RT: 9.68 min Scan# 1491
 Delta R.T. 0.00 min
 Lab File: VX001267.D
 Acq: 30 Apr 2018 21:46

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100		46759		
109	93.6	74.5	111.7		





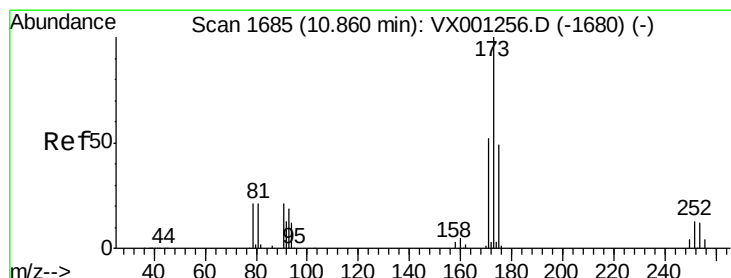
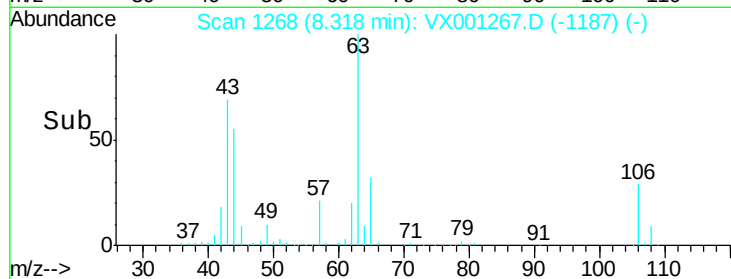
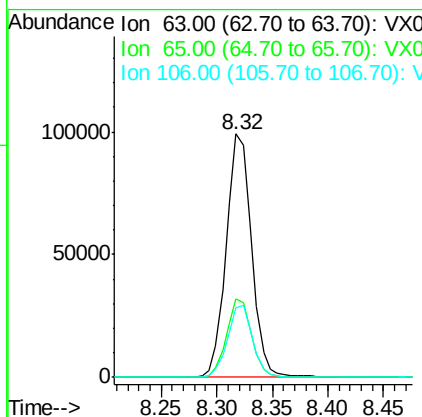
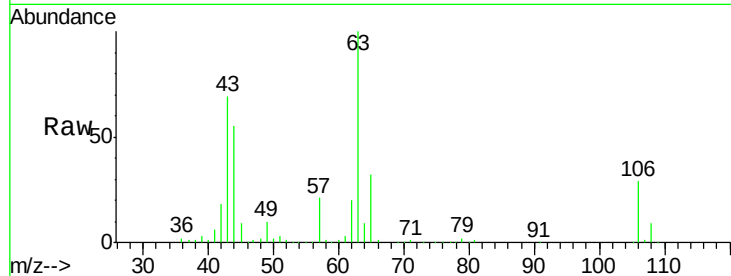
#55
2-Chloroethyl vinyl ether
Concen: 99.64 ug/l
RT: 8.32 min Scan# 1268
Delta R.T. -0.01 min
Lab File: VX001267.D
Acq: 30 Apr 2018 21:46

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
63	100		
65	31.6	25.8	38.8
106	29.3	23.8	35.6

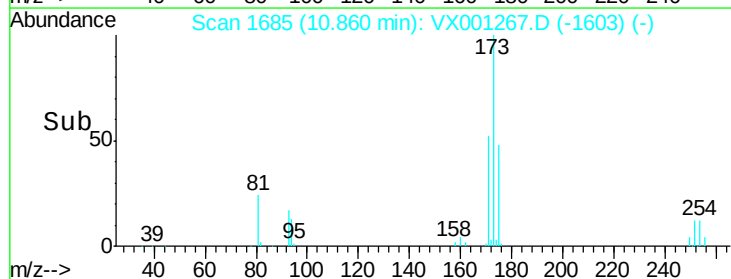
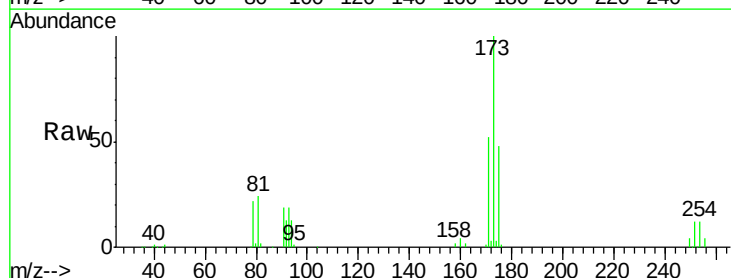
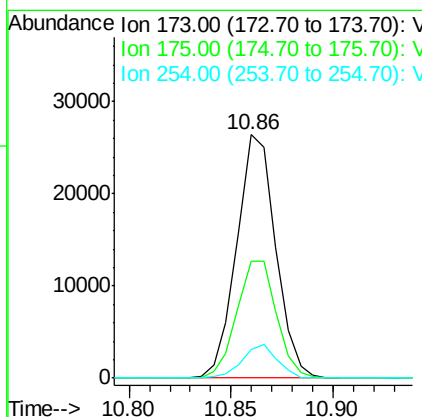
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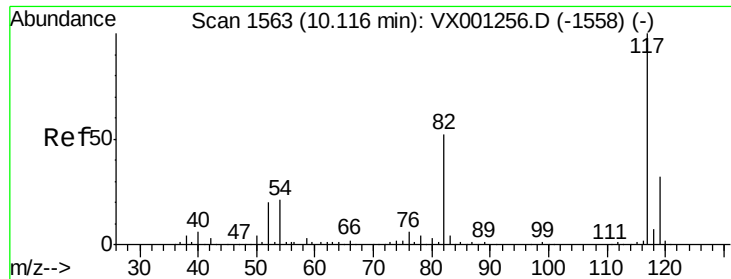
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#56
Bromoform
Concen: 17.21 ug/l
RT: 10.86 min Scan# 1685
Delta R.T. 0.00 min
Lab File: VX001267.D
Acq: 30 Apr 2018 21:46

Tgt Ion	Ratio	Lower	Upper
173	100		
175	49.2	39.0	58.4
254	12.5	7.0	10.4





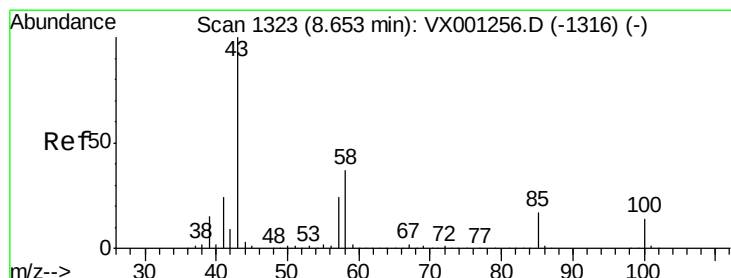
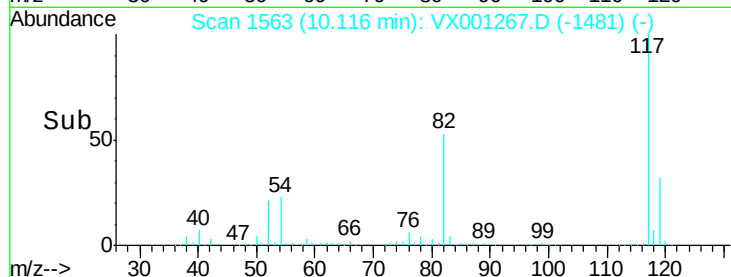
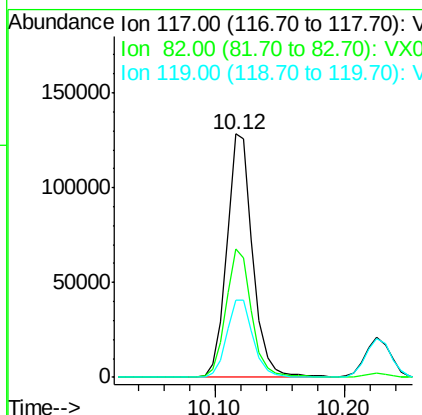
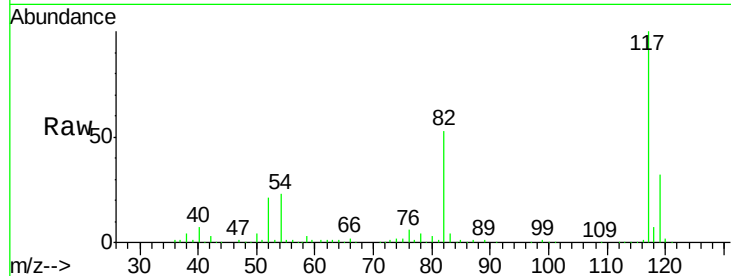
#57
Chlorobenzene-d5
Concen: 30.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. 0.00 min
Lab File: VX001267.D
Acq: 30 Apr 2018 21:46

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
117	100		
82	52.4	43.0	64.4
119	32.5	25.8	38.8

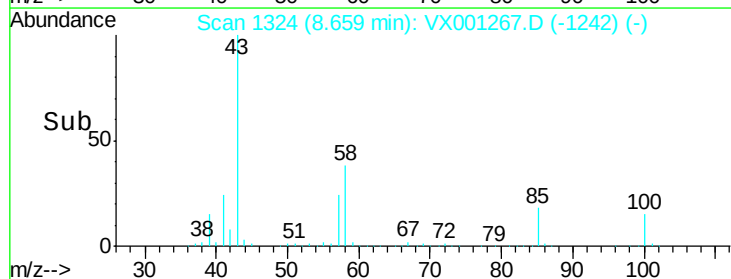
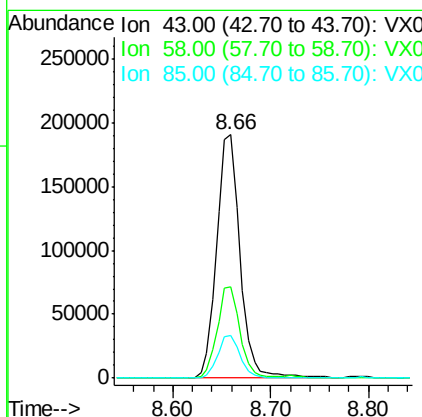
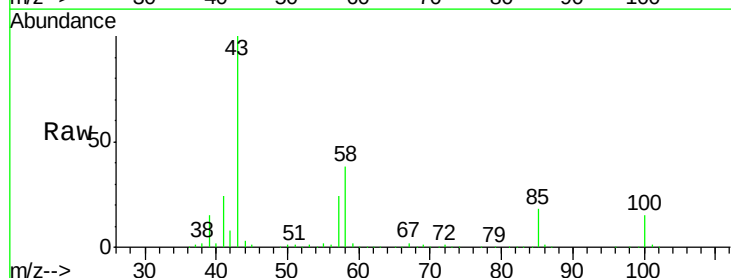
Manual Integrations
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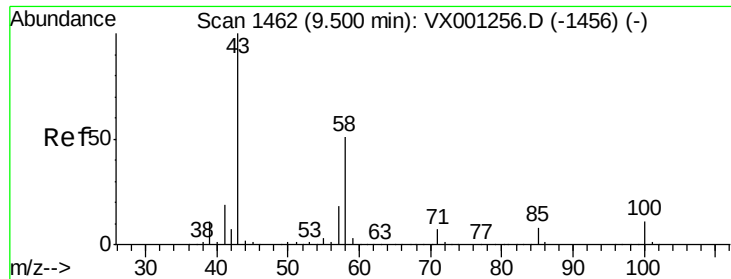
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#58
4-Methyl-2-Pentanone
Concen: 105.21 ug/l
RT: 8.66 min Scan# 1324
Delta R.T. 0.00 min
Lab File: VX001267.D
Acq: 30 Apr 2018 21:46

Tgt Ion	Ratio	Lower	Upper
43	100		
58	36.5	29.8	44.8
85	17.2	14.9	22.3





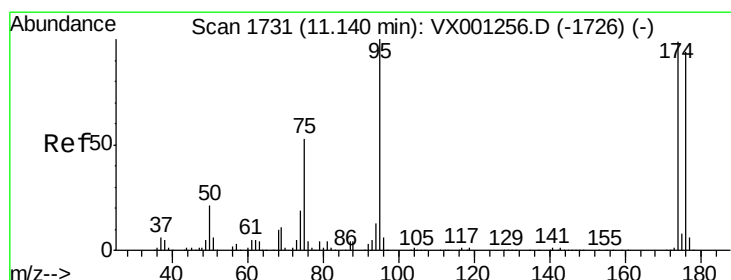
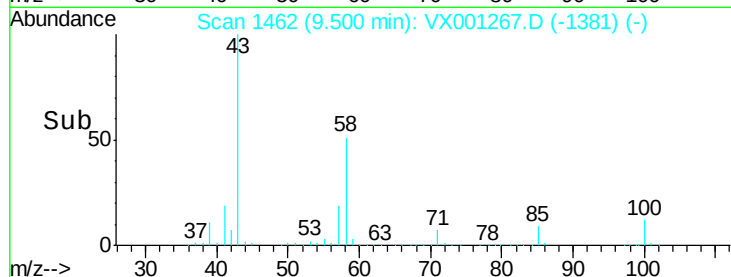
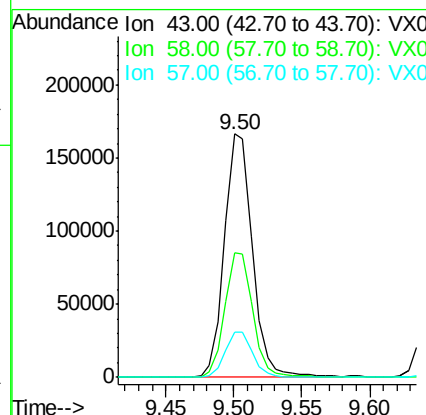
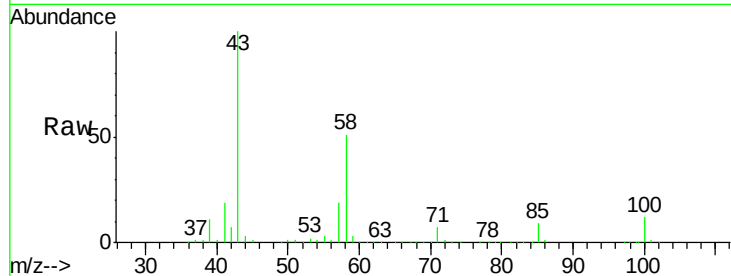
#59
2-Hexanone
Concen: 101.39 ug/l
RT: 9.50 min Scan# 1462
Delta R.T. -0.01 min
Lab File: VX001267.D
Acq: 30 Apr 2018 21:46

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
43	100		
58	51.1	43.0	64.6
57	18.6	14.4	21.6

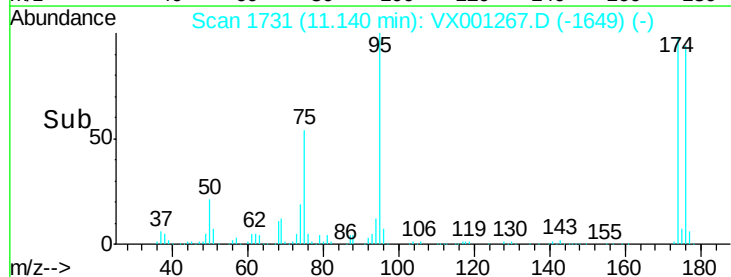
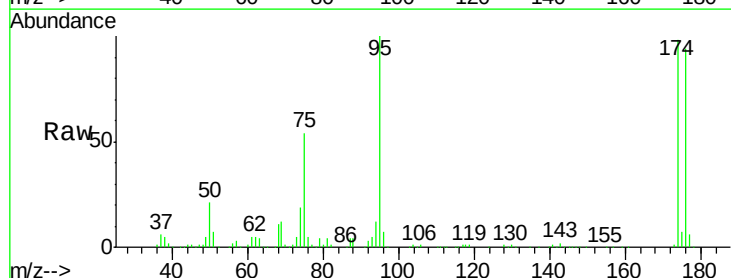
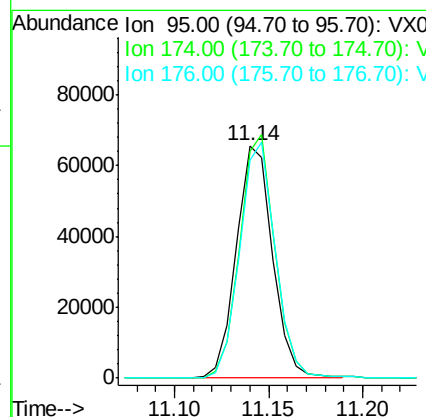
Manual Integrations
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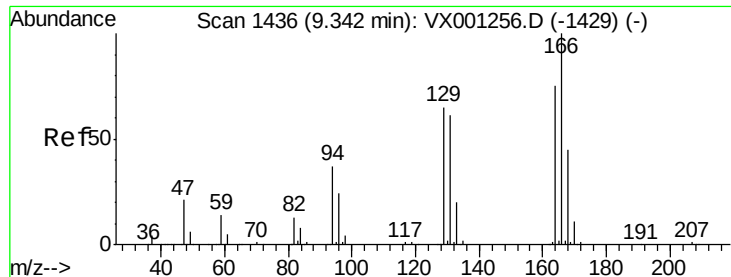
MMDadoda
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#60
4-Bromofluorobenzene
Concen: 28.91 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. 0.00 min
Lab File: VX001267.D
Acq: 30 Apr 2018 21:46

Tgt Ion	Ratio	Lower	Upper
95	100		
174	101.9	71.1	106.7
176	99.1	69.3	103.9





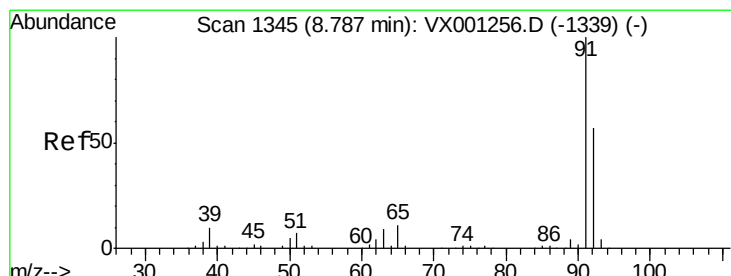
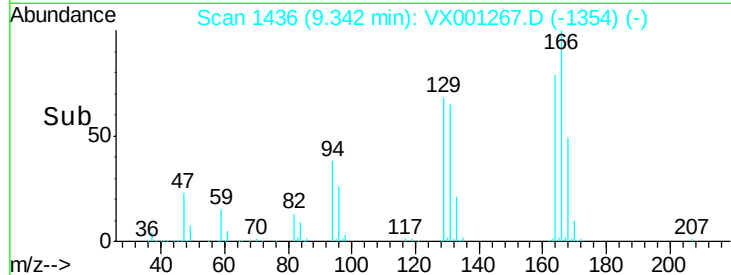
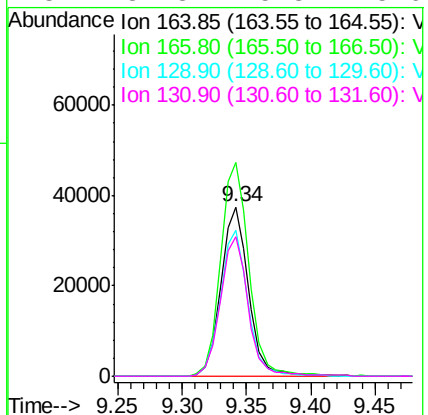
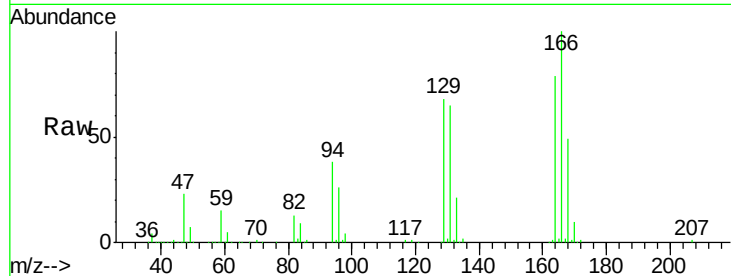
#61
Tetrachloroethene
Concen: 20.35 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. 0.00 min
Lab File: VX001267.D
Acq: 30 Apr 2018 21:46

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion:	164	Resp:	56557
Ion	Ratio	Lower	Upper
164	100		
166	126.3	99.0	148.4
129	86.0	77.0	115.6
131	82.3	75.8	113.6

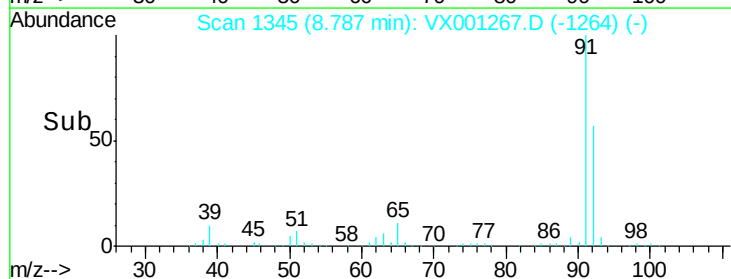
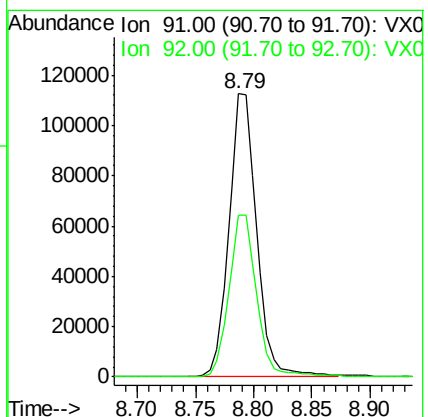
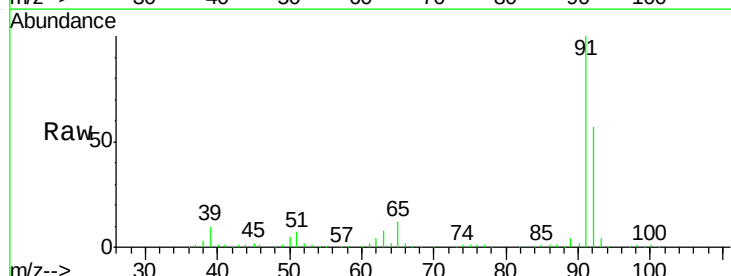
Manual Integrations
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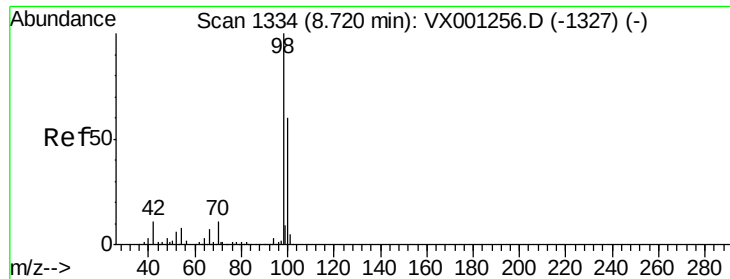
MMDadoda
5/2/2018 11:08:11 AM



#62
Toluene
Concen: 19.20 ug/l
RT: 8.79 min Scan# 1345
Delta R.T. -0.01 min
Lab File: VX001267.D
Acq: 30 Apr 2018 21:46

Tgt Ion:	91	Resp:	187129
Ion	Ratio	Lower	Upper
91	100		
92	57.3	45.4	68.0





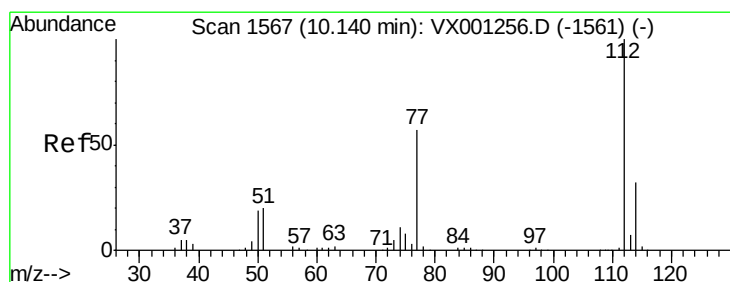
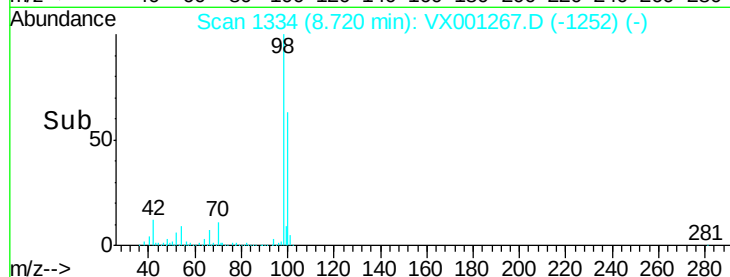
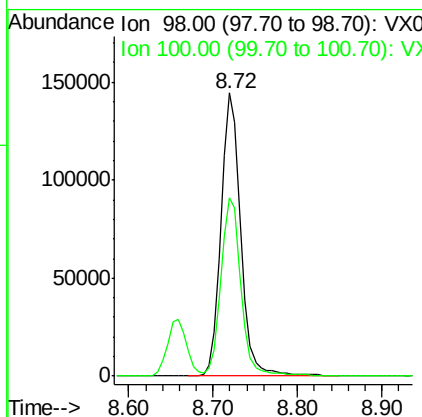
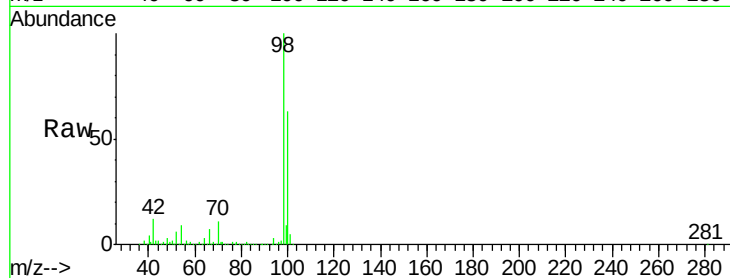
#63
Toluene-d8
Concen: 30.20 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX001267.D
Acq: 30 Apr 2018 21:46

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion: 98 Resp: 234874
Ion Ratio Lower Upper
98 100
100 64.2 50.0 75.0

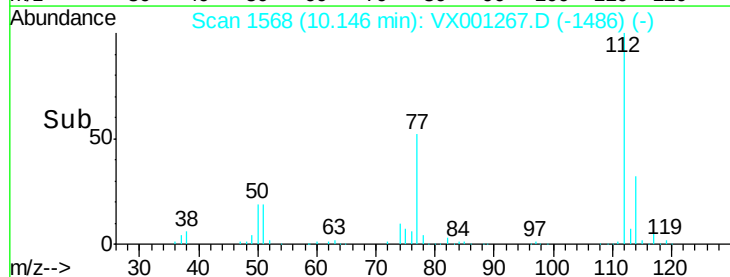
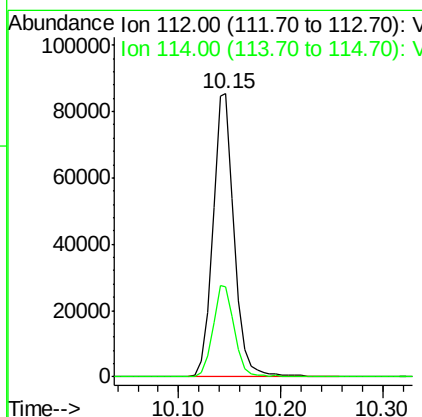
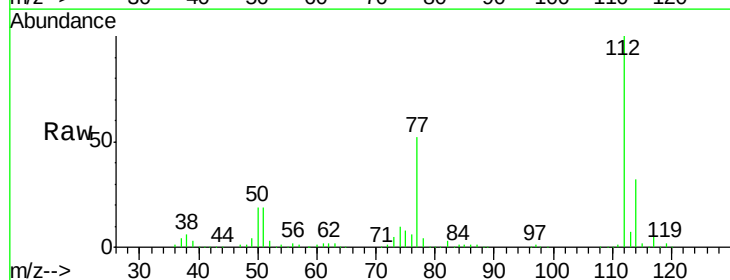
Manual Integrations
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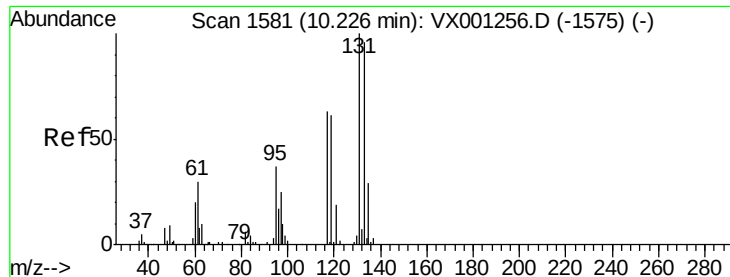
MMDadoda
5/2/2018 11:08:11 AM



#64
Chlorobenzene
Concen: 19.02 ug/l
RT: 10.15 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX001267.D
Acq: 30 Apr 2018 21:46

Tgt Ion: 112 Resp: 125102
Ion Ratio Lower Upper
112 100
114 31.8 26.4 39.6





#65

1,1,1,2-Tetrachloroethane

Concen: 18.54 ug/l

RT: 10.23 min Scan# 1581

Delta R.T. 0.00 min

Lab File: VX001267.D

Acq: 30 Apr 2018 21:46

Instrument :

MSVOA_X

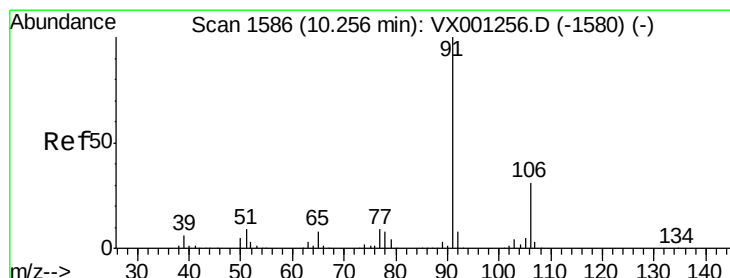
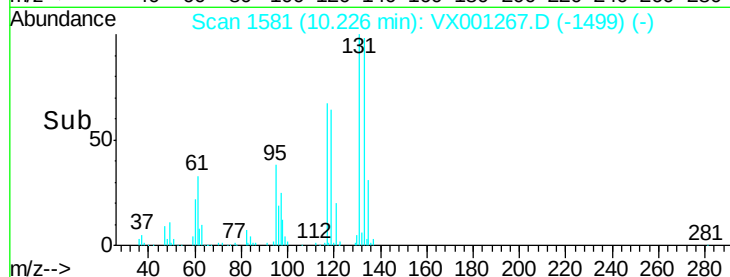
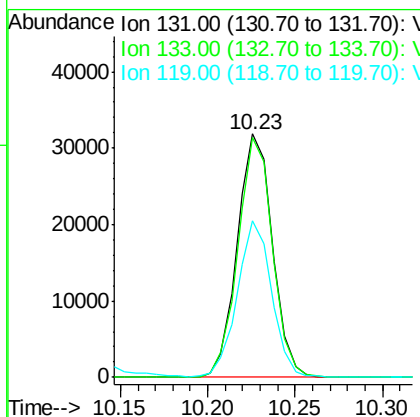
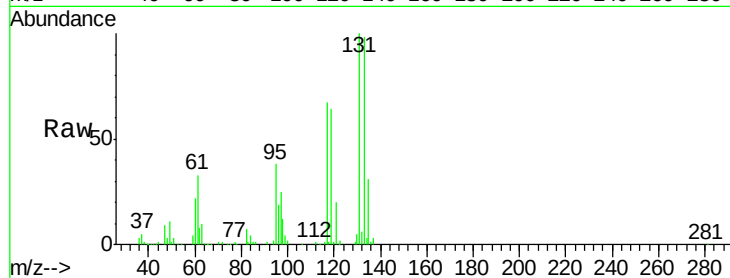
ClientSampleId :

VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
131	100		
133	96.5	0.0	187.6
119	63.0	0.0	134.0

Manual Integrations
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MMDadoda
5/2/2018 11:08:11 AM



#66

Ethyl Benzene

Concen: 18.75 ug/l

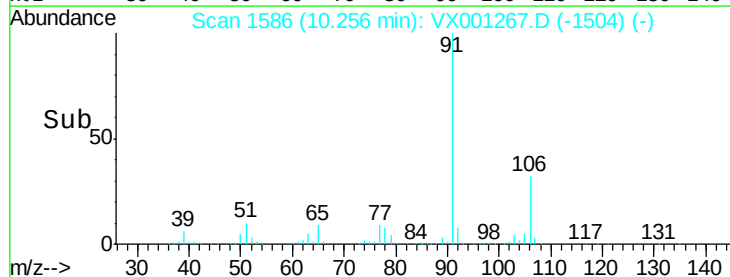
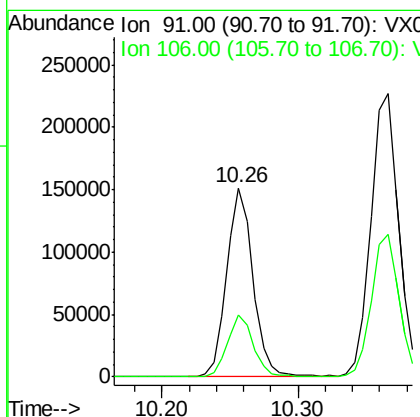
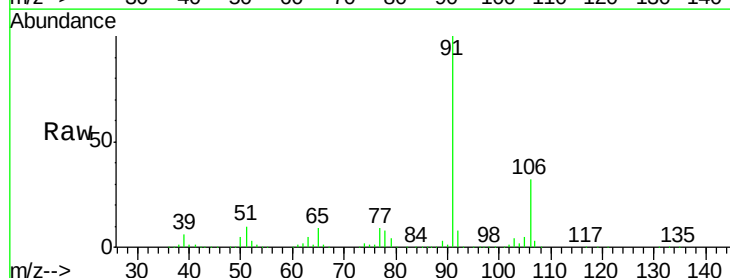
RT: 10.26 min Scan# 1586

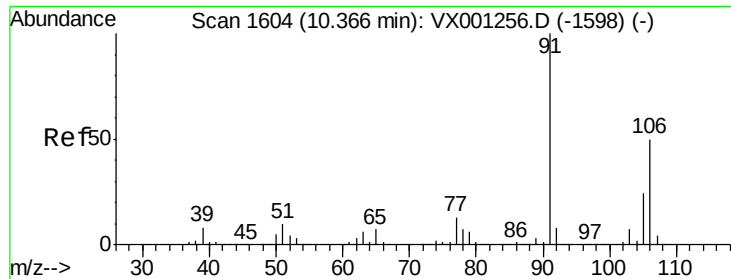
Delta R.T. 0.00 min

Lab File: VX001267.D

Acq: 30 Apr 2018 21:46

Tgt Ion	Ratio	Lower	Upper
91	100		
106	32.5	25.9	38.9





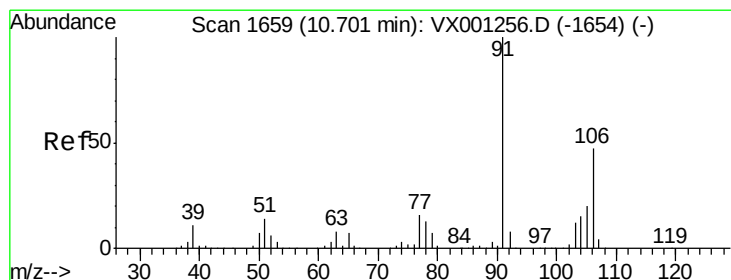
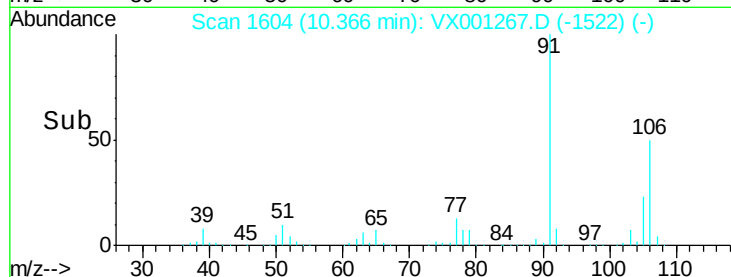
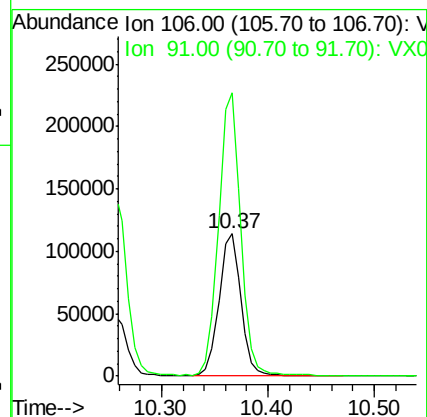
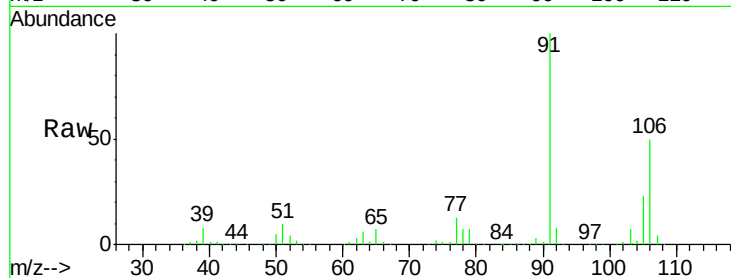
#67
m/p-Xylenes
Concen: 37.84 ug/l
RT: 10.37 min Scan# 1604
Delta R.T. 0.00 min
Lab File: VX001267.D
Acq: 30 Apr 2018 21:46

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion:106 Resp: 163529
Ion Ratio Lower Upper
106 100
91 197.8 161.6 242.4

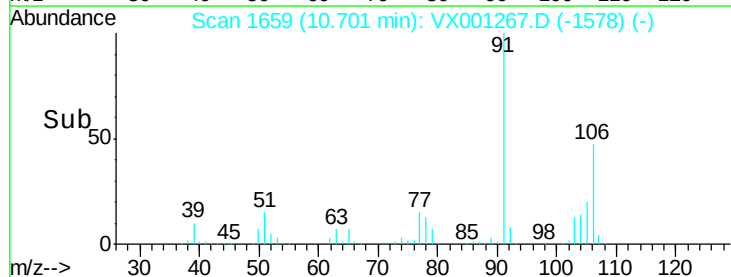
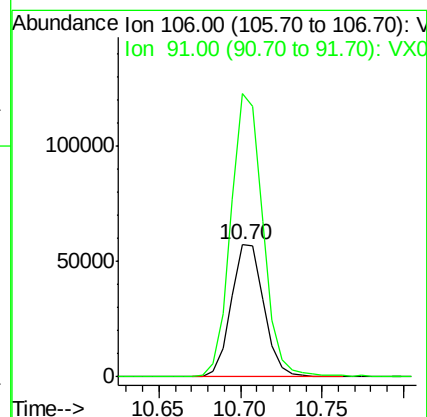
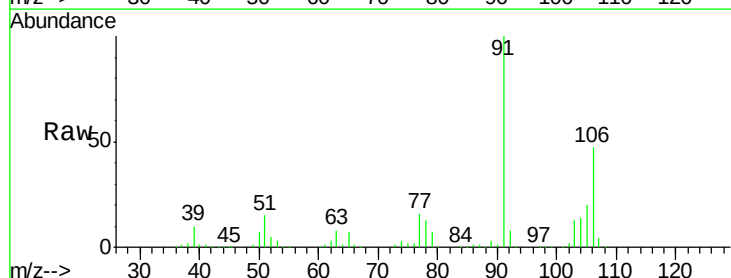
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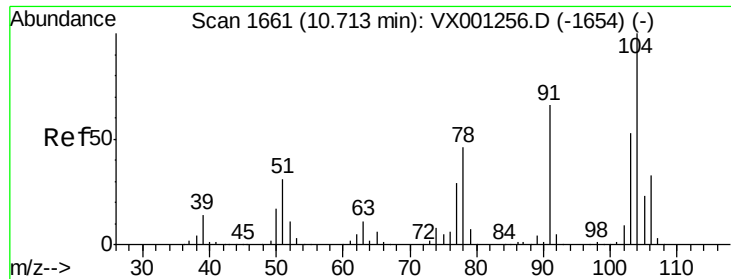
MMDadoda
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#68
o-Xylene
Concen: 19.13 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. -0.01 min
Lab File: VX001267.D
Acq: 30 Apr 2018 21:46

Tgt Ion:106 Resp: 79895
Ion Ratio Lower Upper
106 100
91 210.0 105.6 316.8





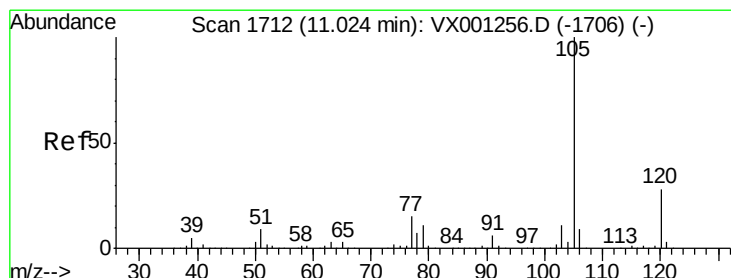
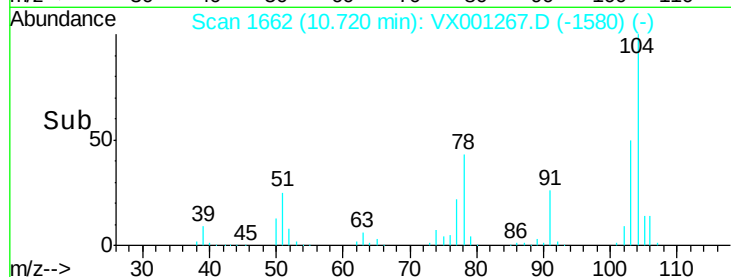
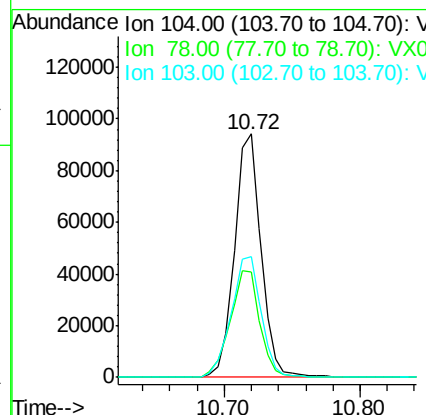
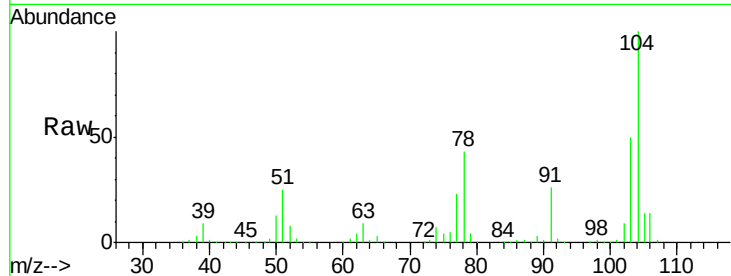
#69
Stvrene
Concen: 18.38 ug/l
RT: 10.72 min Scan# 1662
Delta R.T. 0.00 min
Lab File: VX001267.D
Acq: 30 Apr 2018 21:46

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
104	100		
78	49.3	39.0	58.4
103	56.1	44.7	67.1

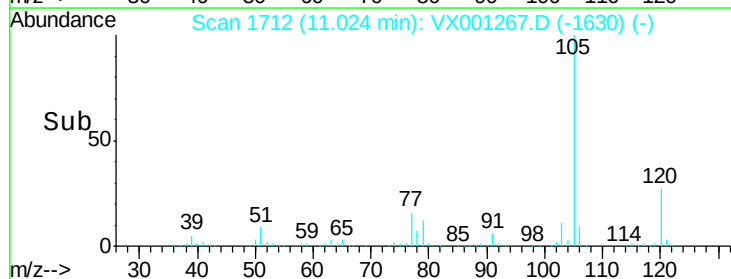
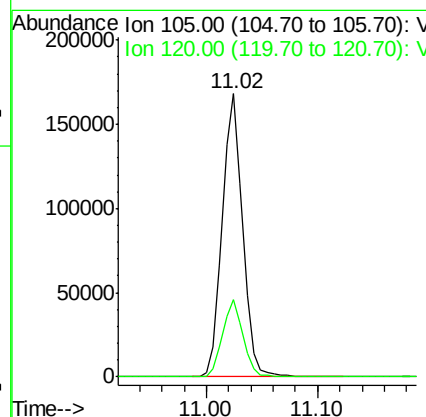
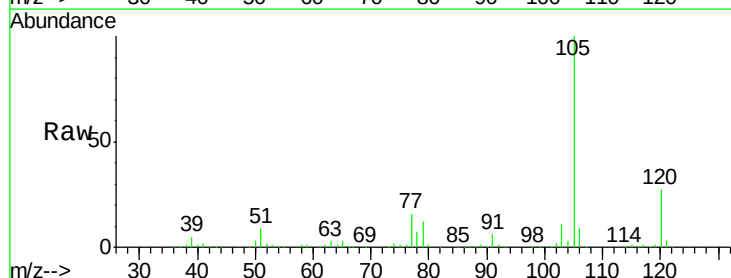
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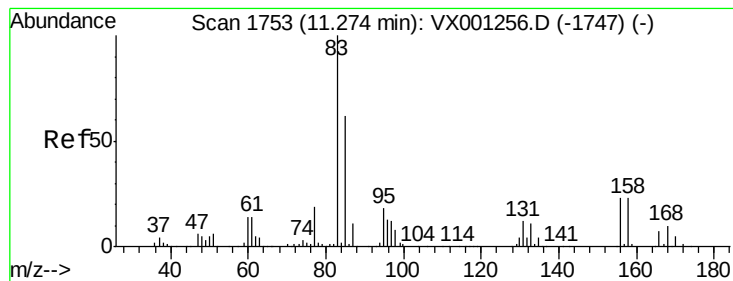
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#70
Isopropylbenzene
Concen: 18.82 ug/l
RT: 11.02 min Scan# 1712
Delta R.T. 0.00 min
Lab File: VX001267.D
Acq: 30 Apr 2018 21:46

Tgt Ion	Ratio	Lower	Upper
105	100		
120	27.4	18.8	35.0





#71

1,1,2,2-Tetrachloroethane

Concen: 19.41 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. 0.00 min

Lab File: VX001267.D

Acq: 30 Apr 2018 21:46

Instrument :

MSVOA_X

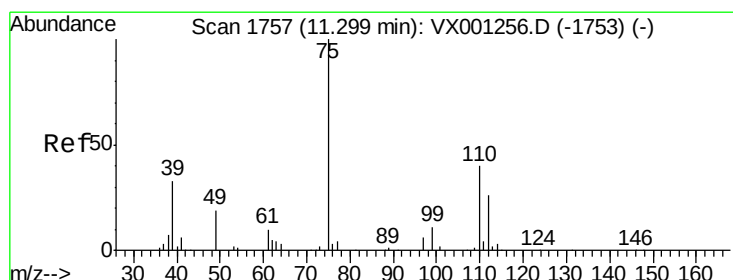
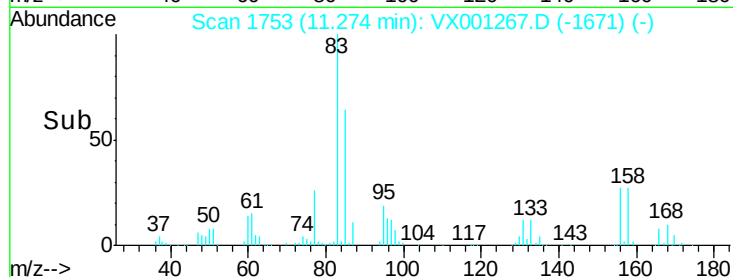
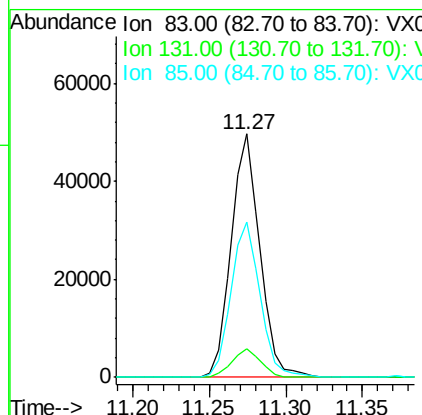
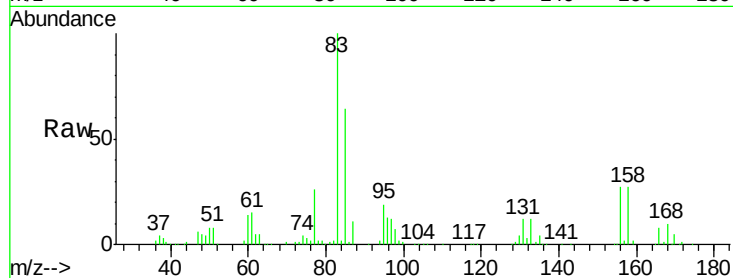
ClientSampleId :

VSTDCCC020EC

Tot Ion:	83	Resp:	64593
Ion Ratio	Lower	Upper	
83	100		
131	11.7	5.3	16.1
85	64.5	32.5	97.5

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#72

1,2,3-Trichloropropane

Concen: 20.37 ug/l m

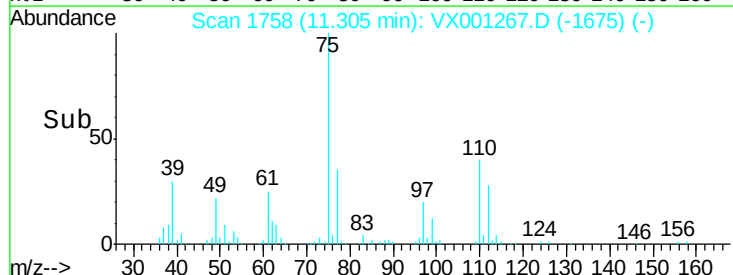
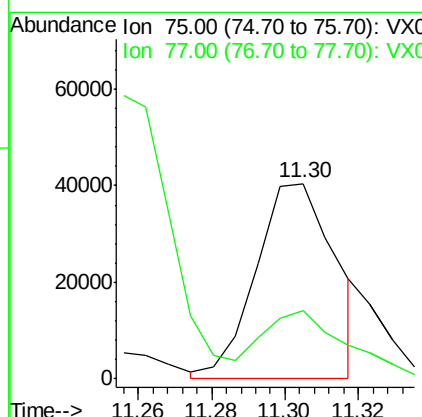
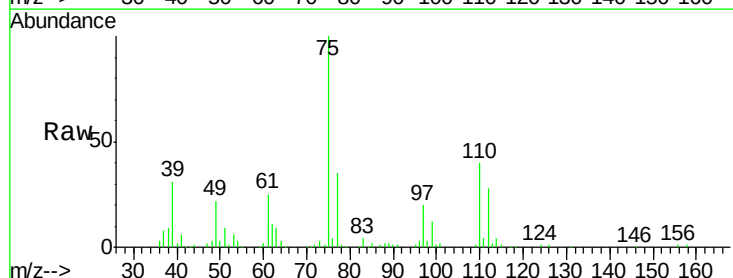
RT: 11.30 min Scan# 1758

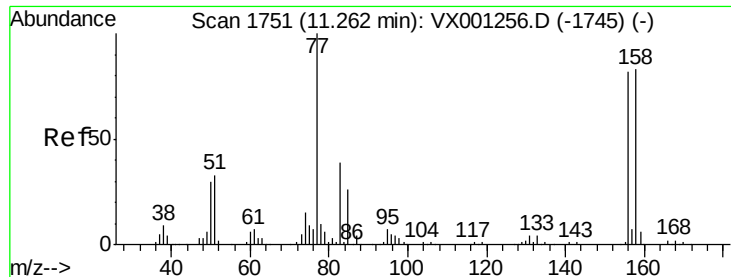
Delta R.T. 0.01 min

Lab File: VX001267.D

Acq: 30 Apr 2018 21:46

Tgt Ion:	75	Resp:	60642
Ion Ratio	Lower	Upper	
75	100		
77	37.1	0.0	85.8





#73

Bromobenzene

Concen: 18.72 ug/l

RT: 11.26 min Scan# 1751

Delta R.T. 0.00 min

Lab File: VX001267.D

Acq: 30 Apr 2018 21:46

Instrument :

MSVOA_X

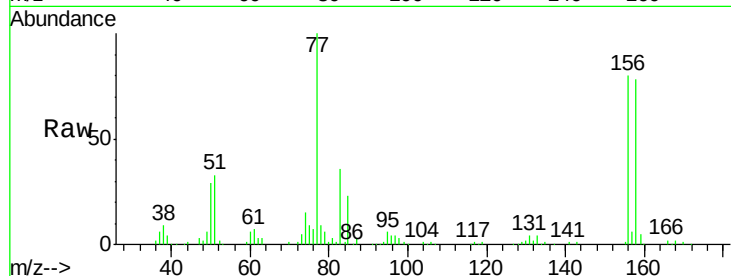
ClientSampleId :

VSTDCCC020EC

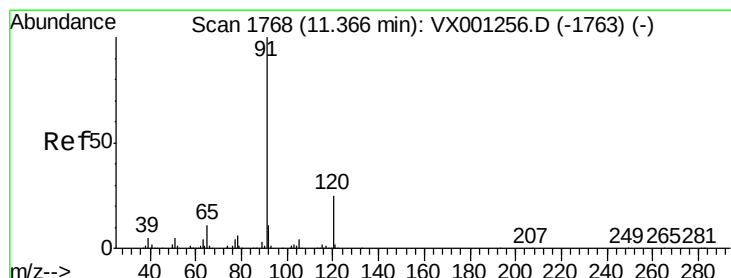
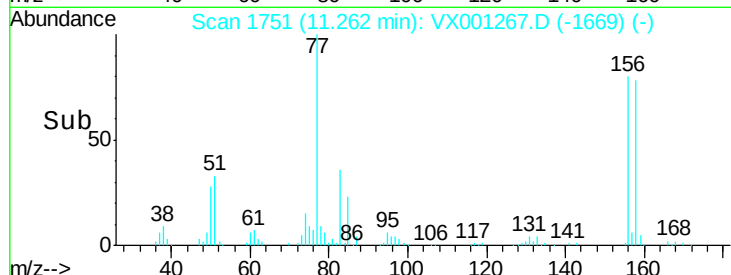
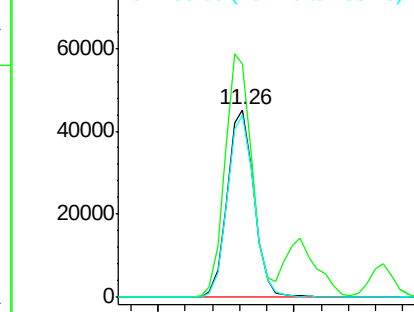
Tot Ion:	156	Resp:	61723
Ion	Ratio	Lower	Upper
156	100		
77	131.4	0.0	280.2
158	97.2	0.0	197.2

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Abundance Ion 156.00 (155.70 to 156.70): V
Ion 77.00 (76.70 to 77.70): VX0
Ion 158.00 (157.70 to 158.70): V



#74

n-propylbenzene

Concen: 18.77 ug/l

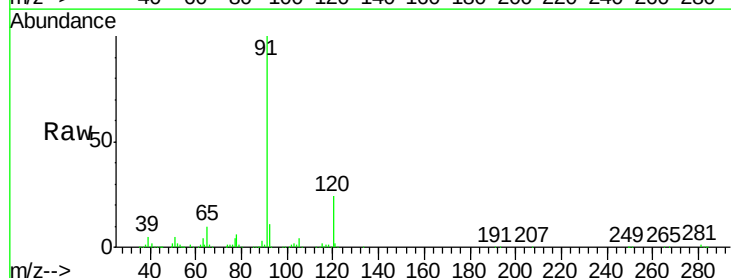
RT: 11.37 min Scan# 1768

Delta R.T. 0.00 min

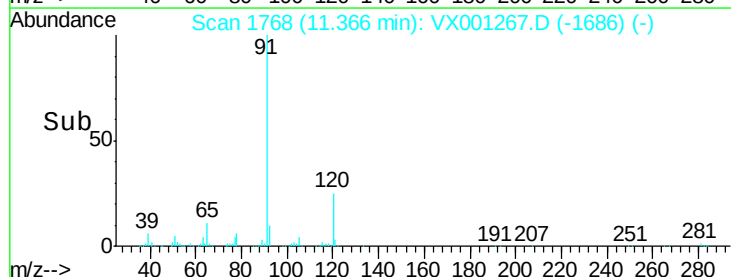
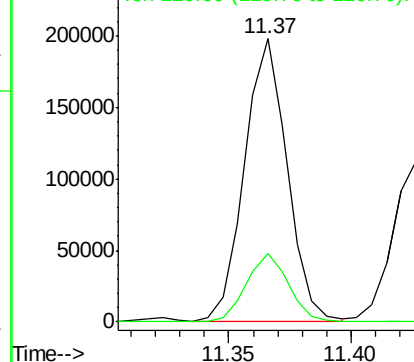
Lab File: VX001267.D

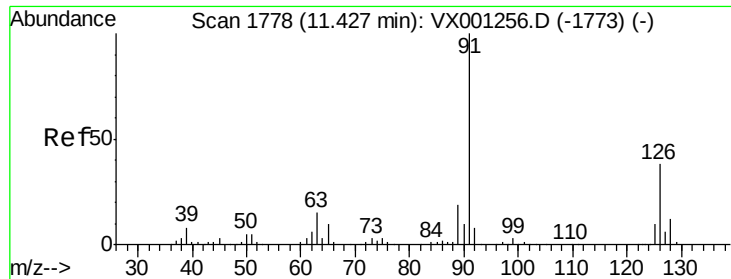
Acq: 30 Apr 2018 21:46

Tgt Ion:	91	Resp:	240423
Ion	Ratio	Lower	Upper
91	100		
120	24.0	0.0	47.4



Abundance Ion 91.00 (90.70 to 91.70): VX0
Ion 120.00 (119.70 to 120.70): V





#75

2-Chlorotoluene

Concen: 18.85 ug/l

RT: 11.43 min Scan# 1778

Delta R.T. 0.00 min

Lab File: VX001267.D

Acq: 30 Apr 2018 21:46

Instrument :

MSVOA_X

ClientSampled :

VSTDCCC020EC

Tot Ion: 91 Resp: 145739

Ion Ratio Lower Upper

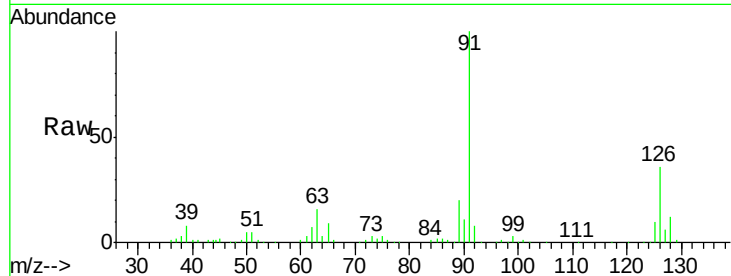
91 100

126 36.7 0.0 71.4

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Abundance Ion 91.00 (90.70 to 91.70): VX001256.D (-1773) (-)

Ion 126.00 (125.70 to 126.70): VX001256.D (-1773) (-)

200000

150000

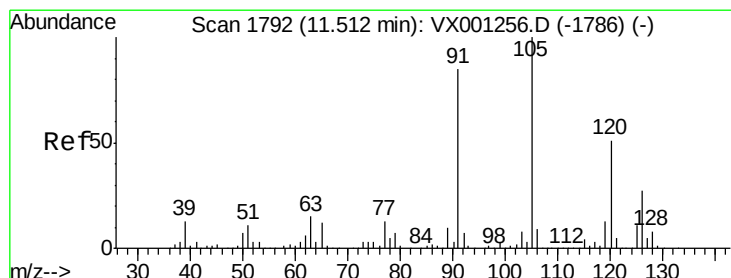
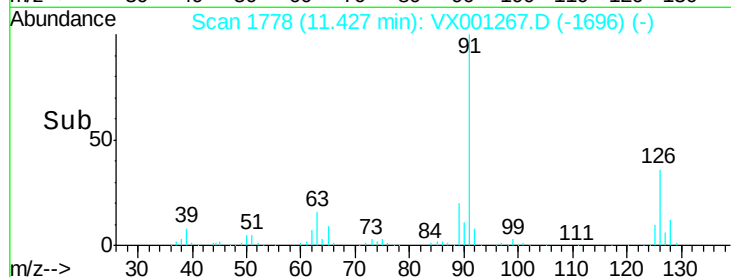
100000

50000

0

11.40 11.43 11.50

Time-->



#76

1,3,5-Trimethylbenzene

Concen: 18.71 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX001267.D

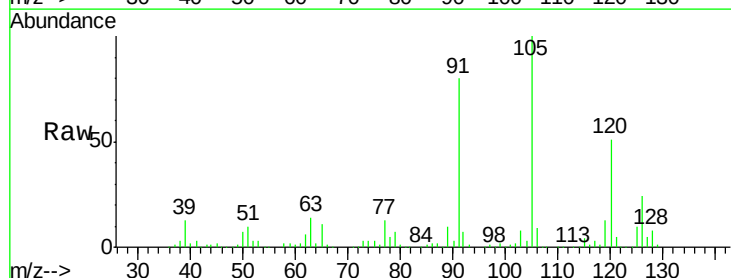
Acq: 30 Apr 2018 21:46

Tgt Ion: 105 Resp: 180850

Ion Ratio Lower Upper

105 100

120 50.0 0.0 63.8



Abundance Ion 105.00 (104.70 to 105.70): VX001256.D (-1786) (-)

Ion 120.00 (119.70 to 120.70): VX001256.D (-1786) (-)

150000

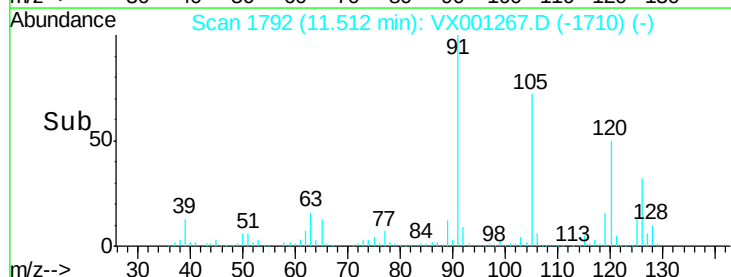
100000

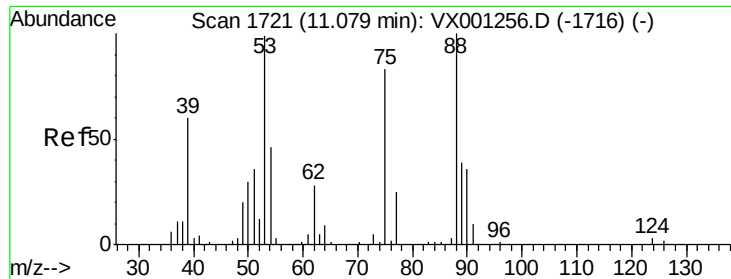
50000

0

11.45 11.51 11.55 11.60

Time-->





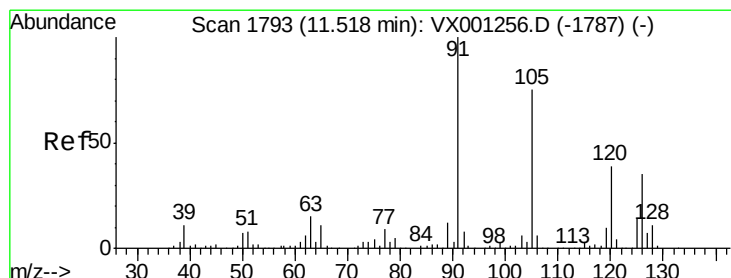
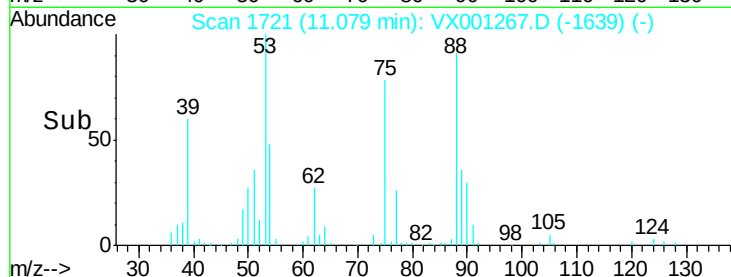
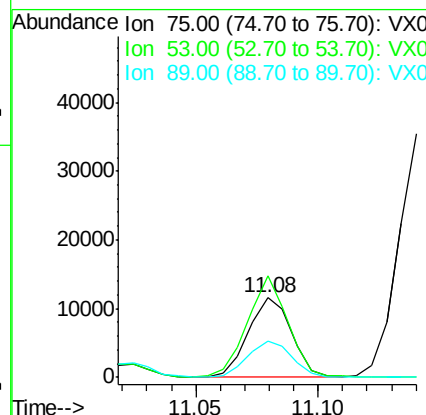
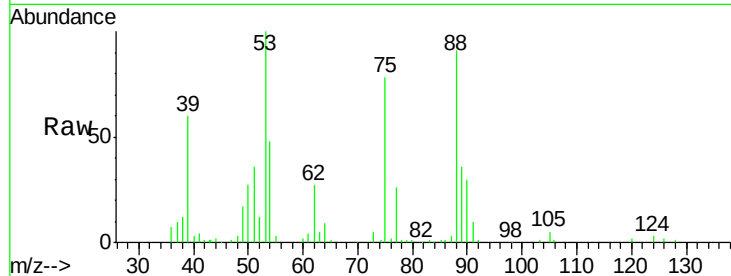
#77
t-1,4-Dichloro-2-butene
Concen: 16.08 ug/l
RT: 11.08 min Scan# 1721
Delta R.T. 0.00 min
Lab File: VX001267.D
Acq: 30 Apr 2018 21:46

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
75	100		
53	127.6	47.8	143.3
89	45.6	22.3	66.8

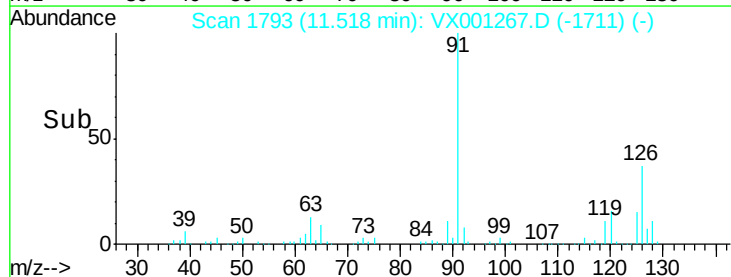
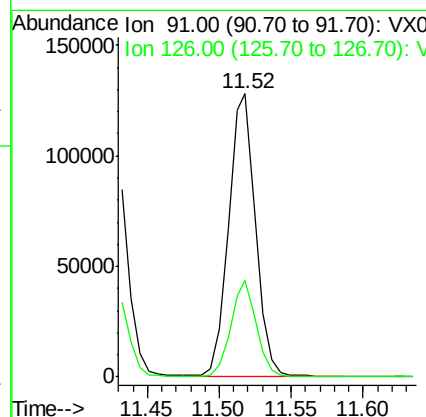
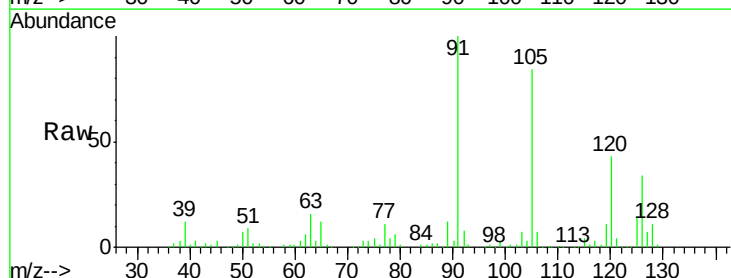
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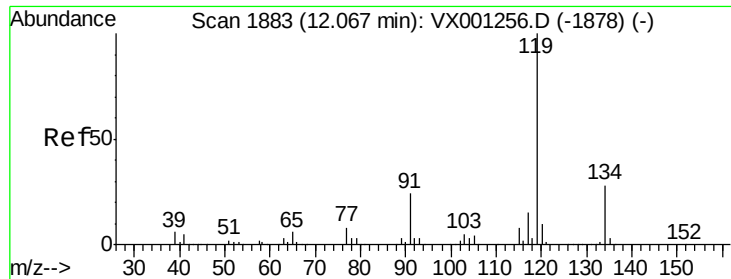
MMDadoda
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#78
4-Chlorotoluene
Concen: 18.37 ug/l
RT: 11.52 min Scan# 1793
Delta R.T. 0.00 min
Lab File: VX001267.D
Acq: 30 Apr 2018 21:46

Tgt Ion	Ratio	Lower	Upper
91	100		
126	32.2	0.0	63.4





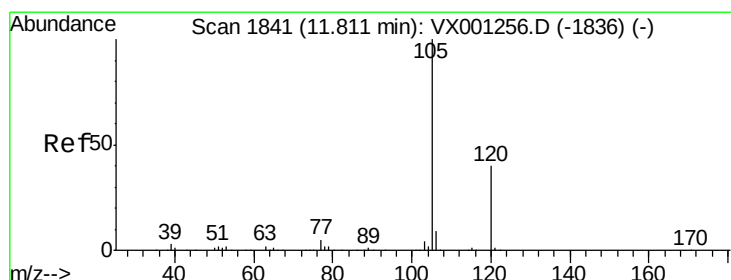
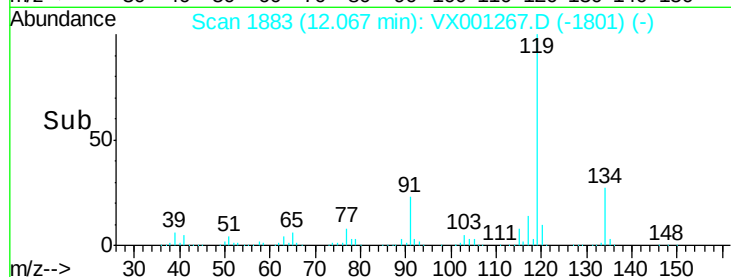
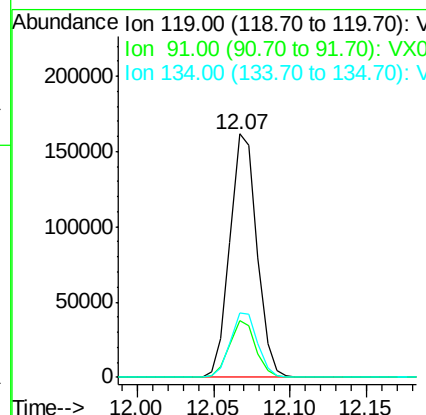
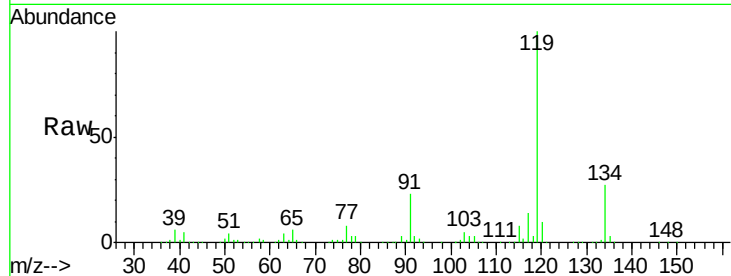
#79
tert-butylbenzene
Concen: 19.26 ug/l
RT: 12.07 min Scan# 1883
Delta R.T. 0.00 min
Lab File: VX001267.D
Acq: 30 Apr 2018 21:46

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion	Ratio	Resp	Lower	Upper
119	100	199222		
91	22.8	0.0	51.6	
134	26.9	0.0	60.2	

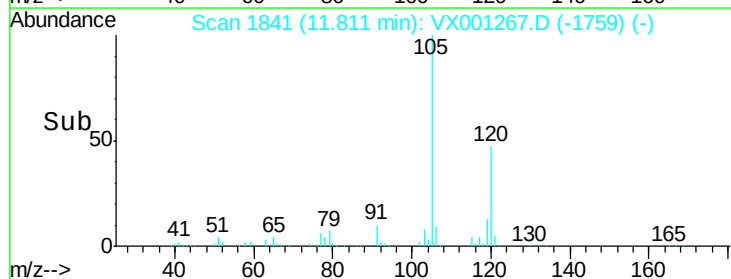
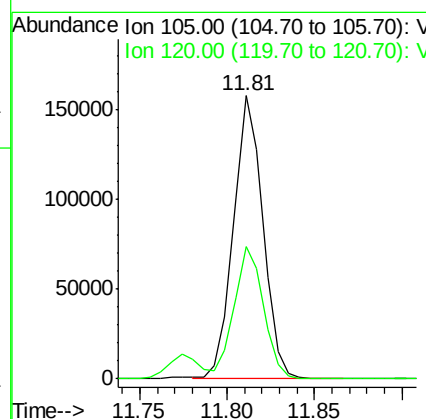
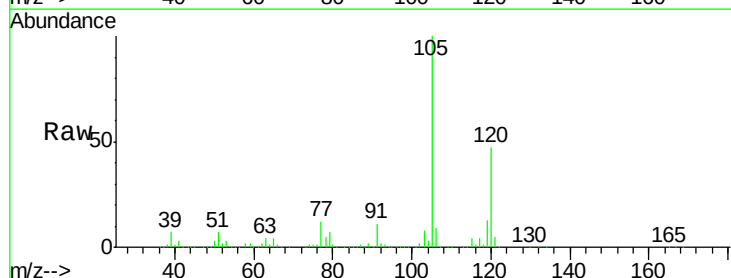
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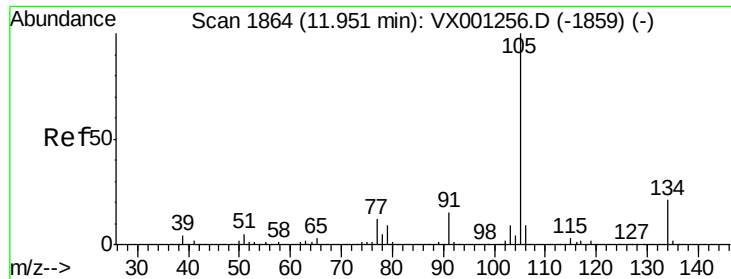
MMDadoda
5/2/2018 11:08:11 AM



#80
1,2,4-Trimethylbenzene
Concen: 18.79 ug/l
RT: 11.81 min Scan# 1841
Delta R.T. 0.00 min
Lab File: VX001267.D
Acq: 30 Apr 2018 21:46

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	184849		
120	46.3	0.0	93.0	





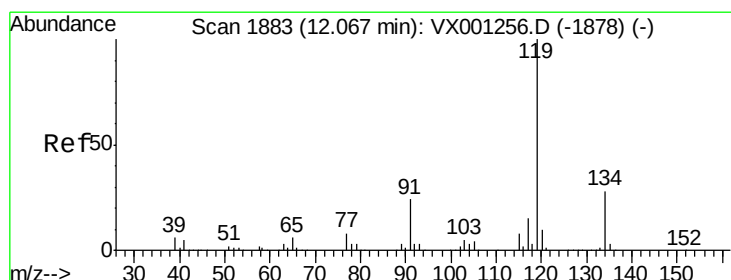
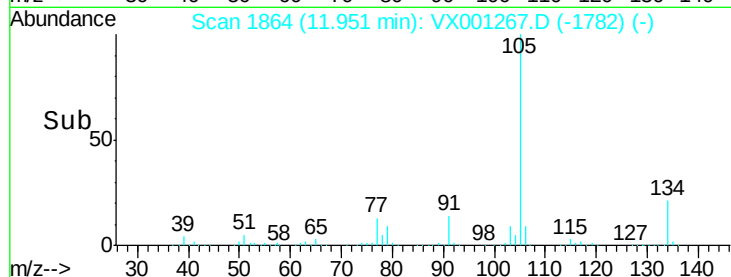
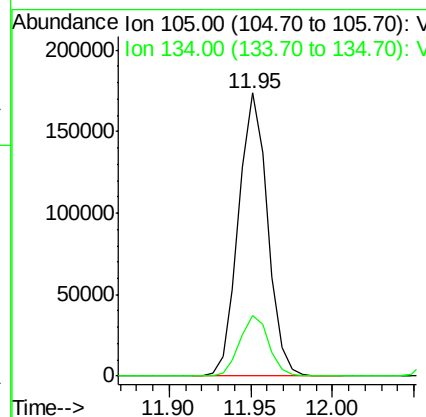
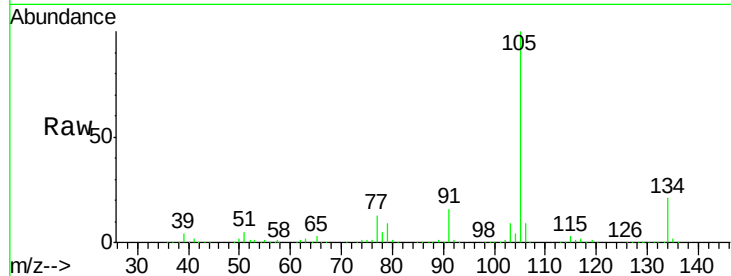
#81
 sec-Butylbenzene
 Concen: 19.19 ug/l
 RT: 11.95 min Scan# 1864
 Delta R.T. 0.00 min
 Lab File: VX001267.D
 Acq: 30 Apr 2018 21:46

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

Tot Ion	Ratio	Resp	Lower	Upper
105	100	215352		
134	21.5	0.0	41.8	

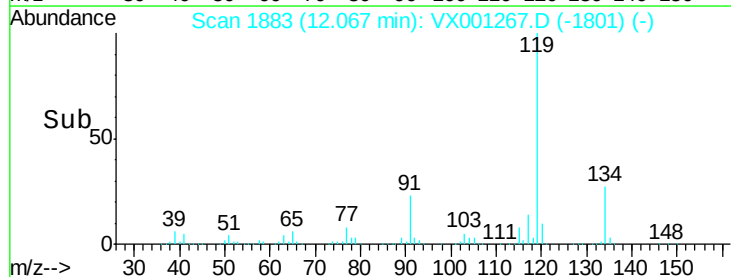
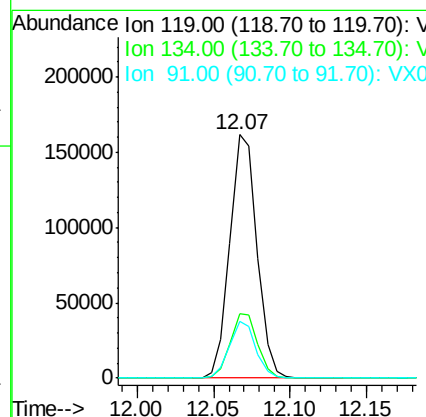
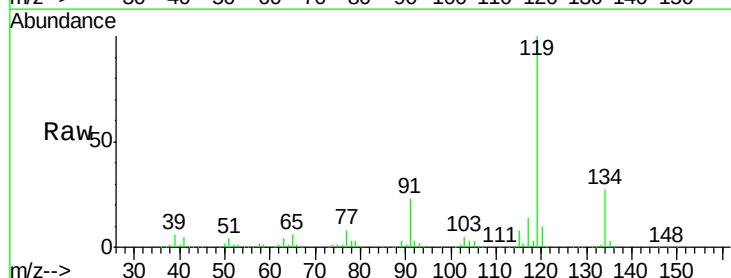
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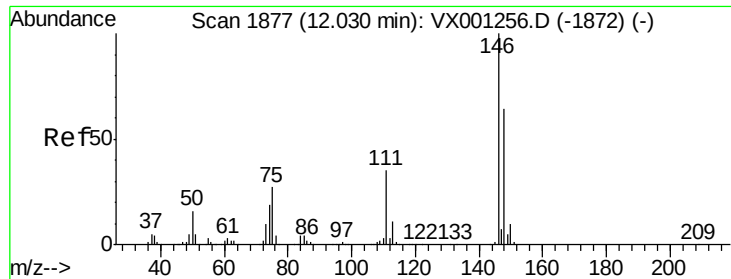
MMDadoda
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#82
 p-Isopropyltoluene
 Concen: 19.26 ug/l
 RT: 12.07 min Scan# 1883
 Delta R.T. 0.00 min
 Lab File: VX001267.D
 Acq: 30 Apr 2018 21:46

Tgt Ion	Ratio	Resp	Lower	Upper
119	100	199222		
134	26.9	0.0	54.4	
91	22.8	0.0	46.6	





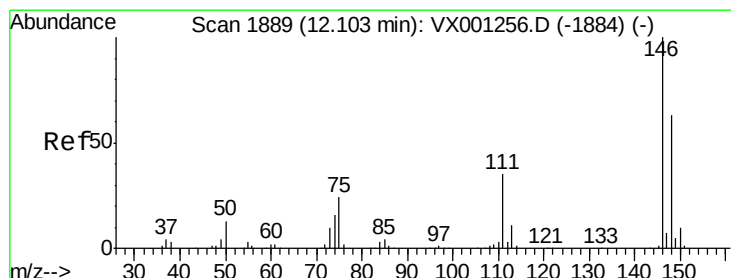
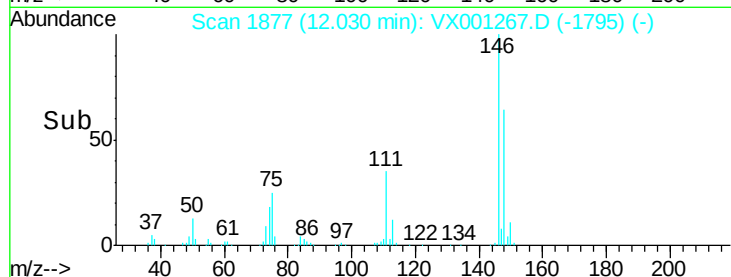
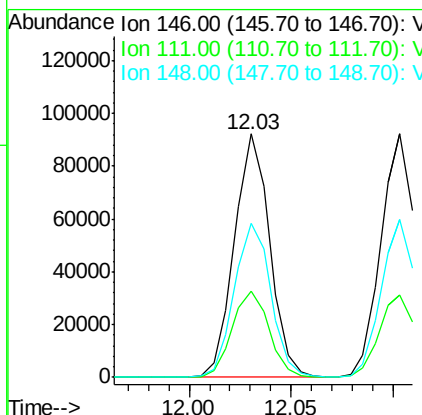
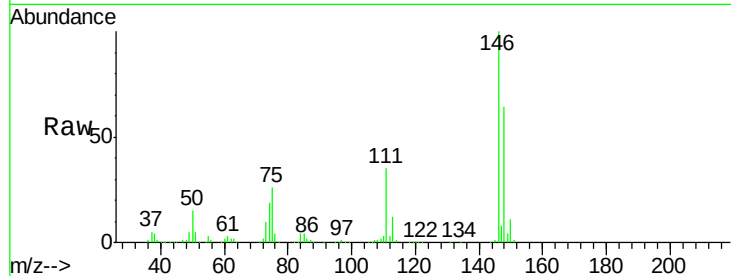
#83
 1,3-Dichlorobenzene
 Concen: 18.49 ug/l
 RT: 12.03 min Scan# 1877
 Delta R.T. 0.00 min
 Lab File: VX001267.D
 Acq: 30 Apr 2018 21:46

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	36.8	19.4	58.2
148	65.6	32.6	97.7

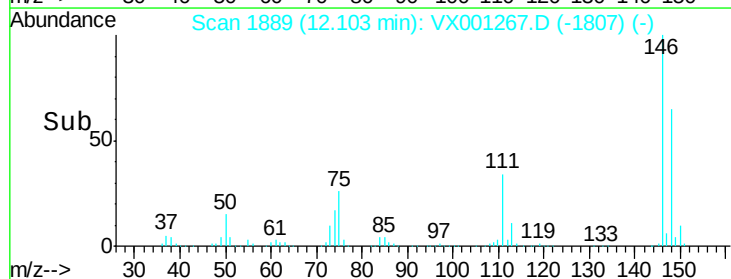
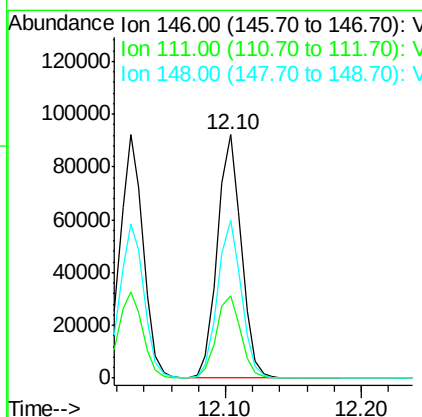
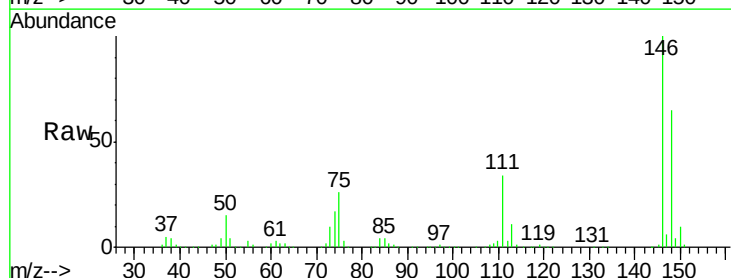
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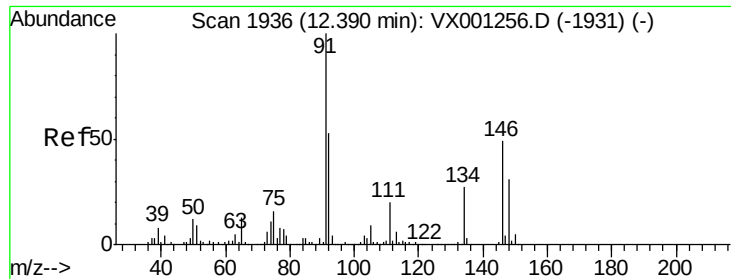
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#84
 1,4-Dichlorobenzene
 Concen: 18.38 ug/l
 RT: 12.10 min Scan# 1889
 Delta R.T. 0.00 min
 Lab File: VX001267.D
 Acq: 30 Apr 2018 21:46

Tgt Ion	Ratio	Lower	Upper
146	100		
111	34.9	18.4	55.0
148	64.6	31.9	95.7





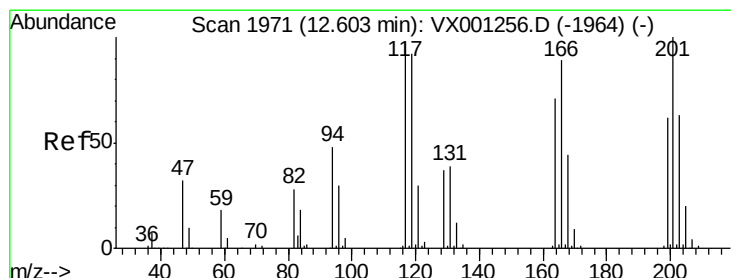
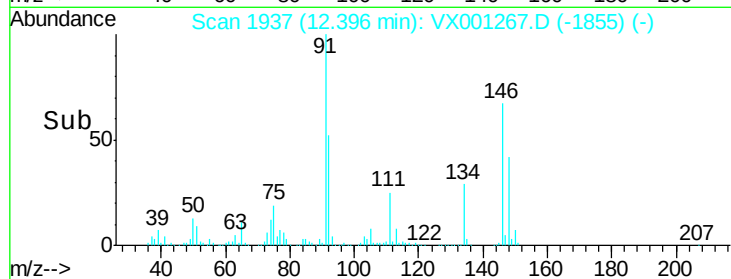
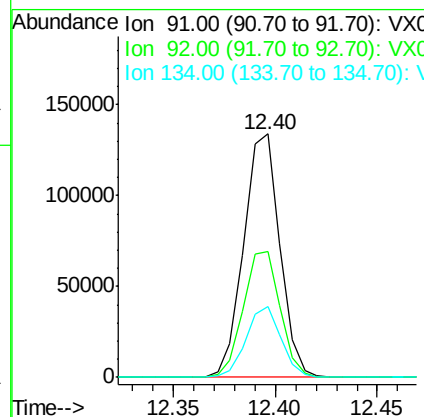
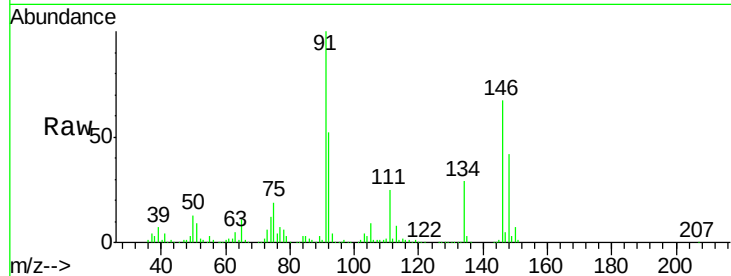
#85
n-Butylbenzene
Concen: 18.41 ug/l
RT: 12.40 min Scan# 1937
Delta R.T. 0.00 min
Lab File: VX001267.D
Acq: 30 Apr 2018 21:46

Instrument :
MSVOA_X
ClientSampled :
VSTDCCC020EC

Tot Ion	Ratio	Resp	Lower	Upper
91	100	164628		
92	52.8	0.0	102.0	
134	28.1	0.0	54.2	

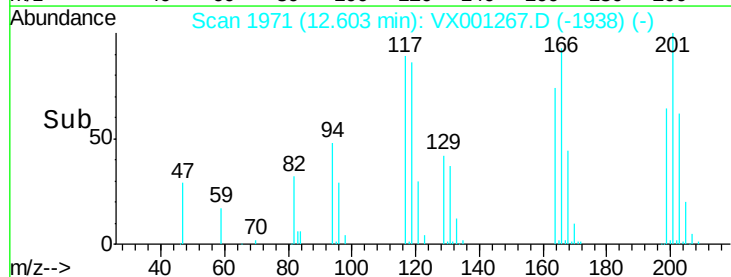
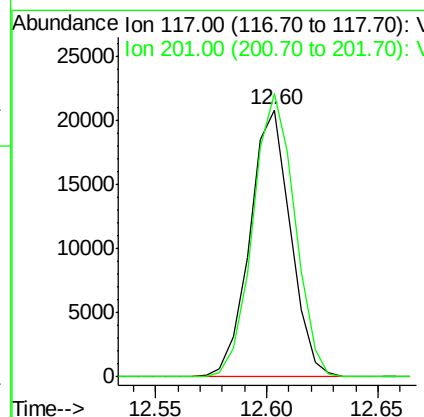
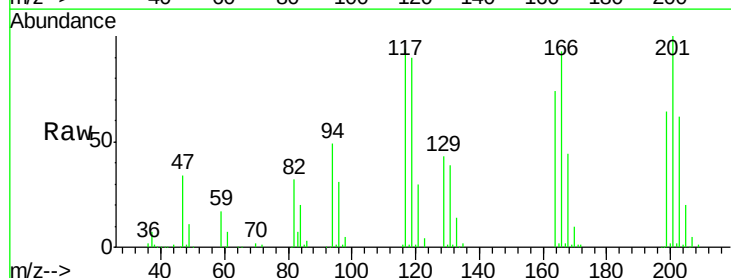
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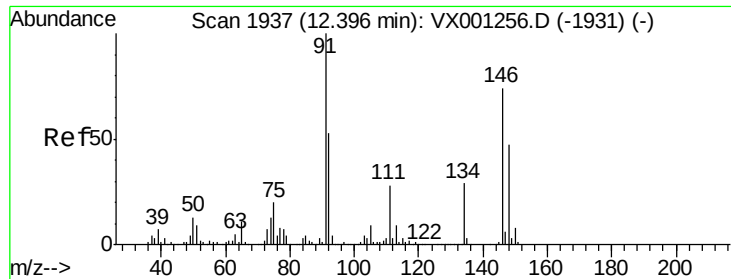
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#86
Hexachloroethane
Concen: 16.83 ug/l
RT: 12.60 min Scan# 1971
Delta R.T. 0.00 min
Lab File: VX001267.D
Acq: 30 Apr 2018 21:46

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	26602		
201	108.7	38.9	116.6	





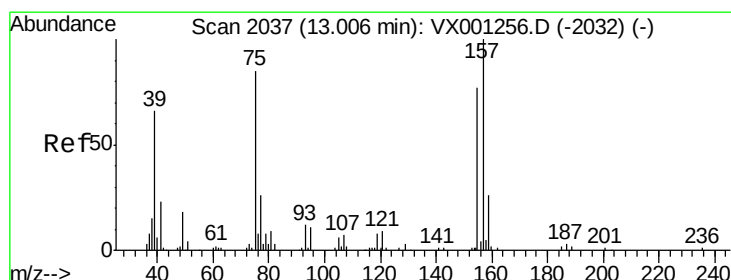
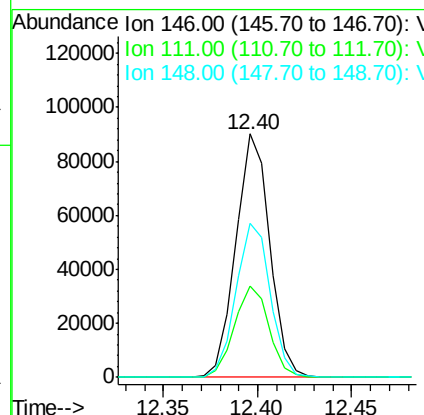
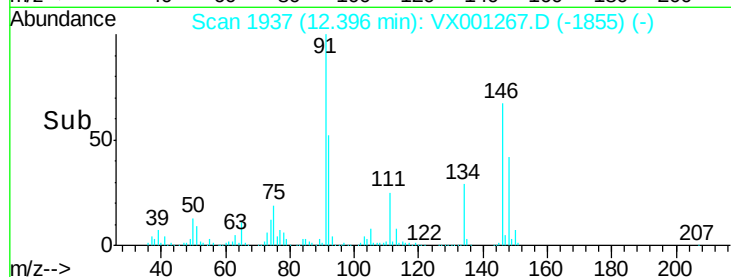
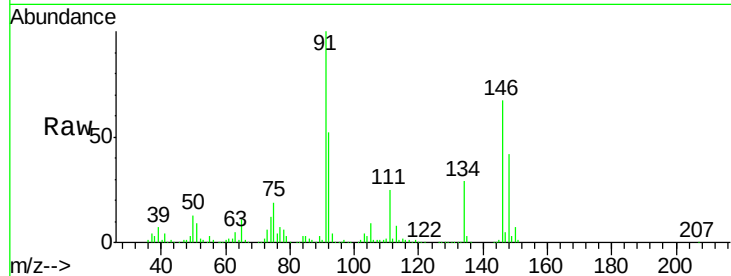
#87
 1,2-Dichlorobenzene
 Concen: 18.86 ug/l
 RT: 12.40 min Scan# 1937
 Delta R.T. 0.00 min
 Lab File: VX001267.D
 Acq: 30 Apr 2018 21:46

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.4	20.0	60.0
148	63.7	31.6	95.0

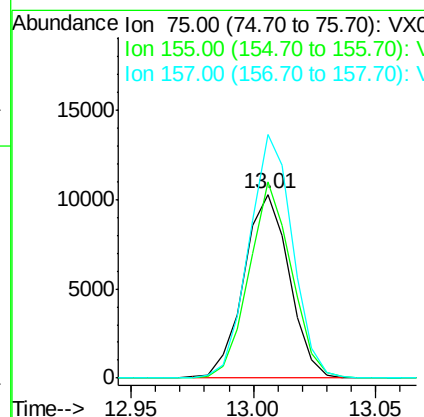
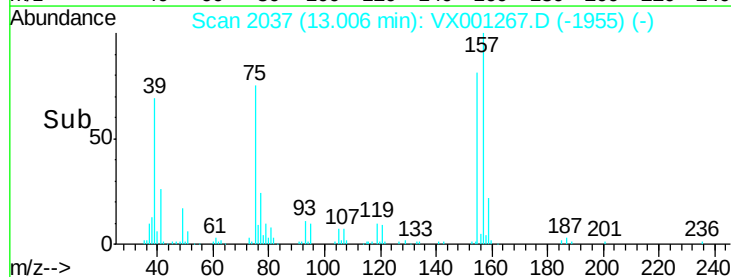
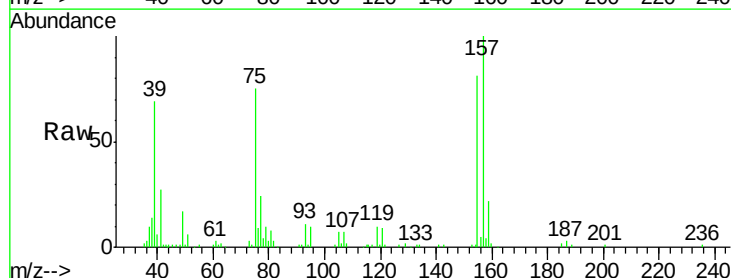
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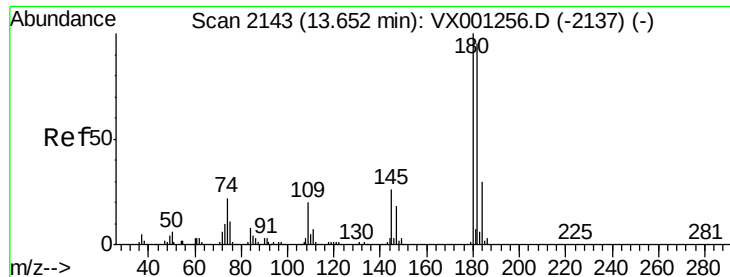
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#88
 1,2-Dibromo-3-Chloropropane
 Concen: 19.19 ug/l
 RT: 13.01 min Scan# 2037
 Delta R.T. 0.00 min
 Lab File: VX001267.D
 Acq: 30 Apr 2018 21:46

Tgt Ion	Ratio	Lower	Upper
75	100		
155	99.7	75.1	112.7
157	127.5	99.0	148.4





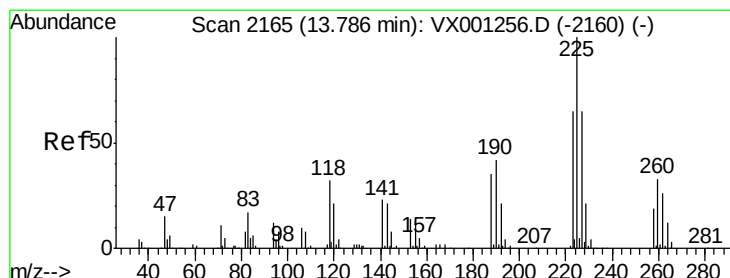
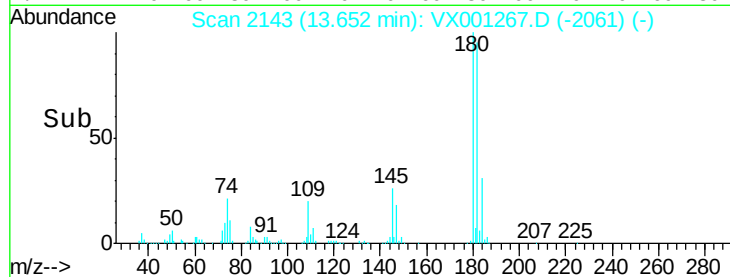
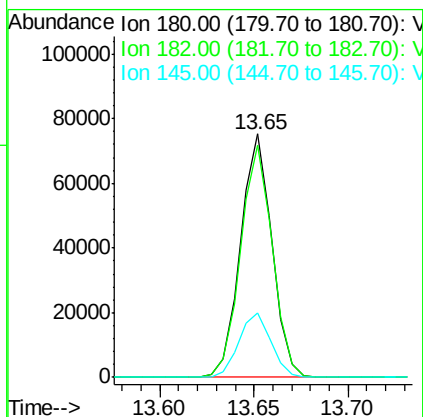
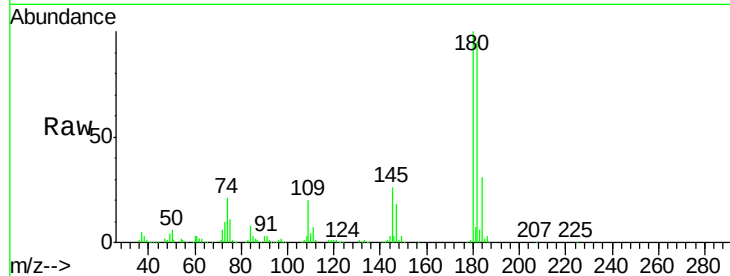
#89
 1,2,4-Trichlorobenzene
 Concen: 19.16 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. 0.00 min
 Lab File: VX001267.D
 Acq: 30 Apr 2018 21:46

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
180	100		
182	96.5	76.3	114.5
145	27.2	24.6	37.0

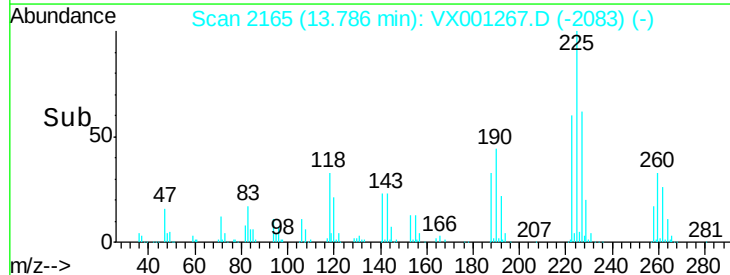
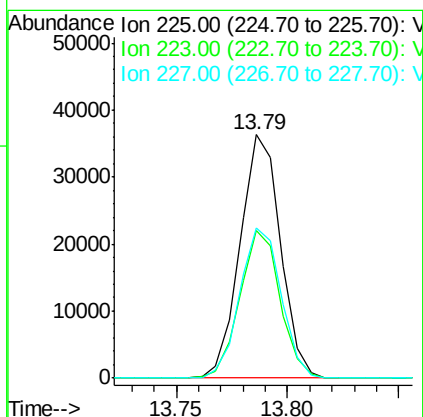
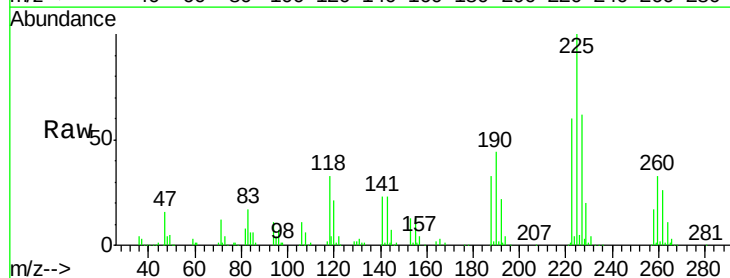
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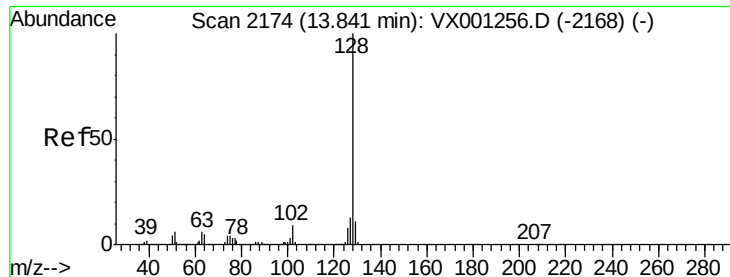
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#90
 Hexachlorobutadiene
 Concen: 21.90 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. 0.00 min
 Lab File: VX001267.D
 Acq: 30 Apr 2018 21:46

Tgt Ion	Ratio	Lower	Upper
225	100		
223	60.2	0.0	131.2
227	63.2	0.0	127.6





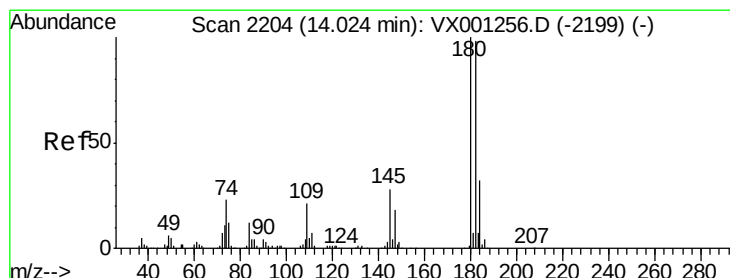
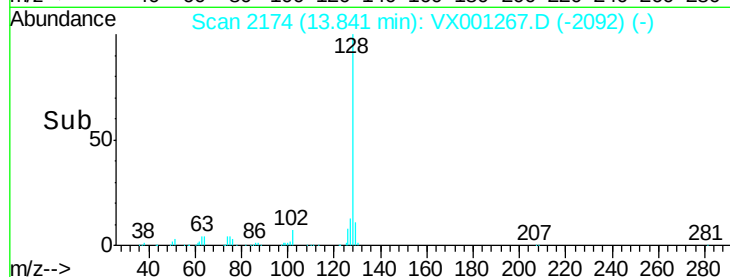
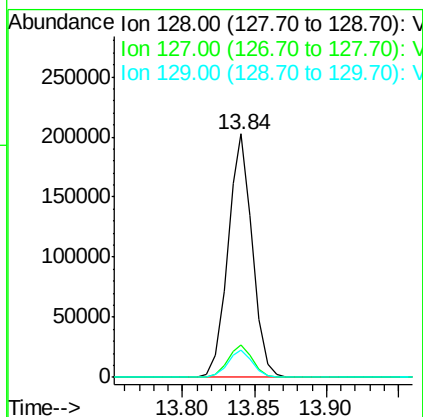
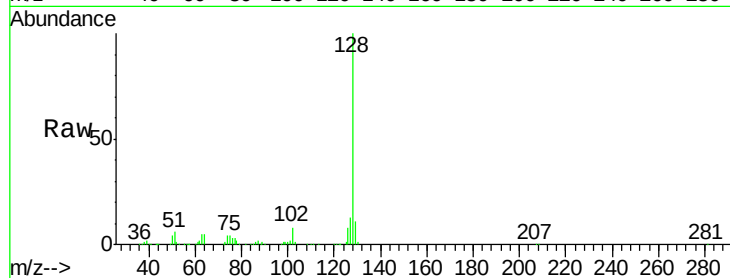
#91
Naphthalene
Concen: 20.33 ug/l
RT: 13.84 min Scan# 2174
Delta R.T. 0.00 min
Lab File: VX001267.D
Acq: 30 Apr 2018 21:46

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.3	10.5	15.7
129	11.1	9.0	13.6

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#92
1,2,3-Trichlorobenzene
Concen: 19.71 ug/l
RT: 14.02 min Scan# 2204
Delta R.T. 0.00 min
Lab File: VX001267.D
Acq: 30 Apr 2018 21:46

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.5	0.0	188.6
145	28.6	0.0	65.8

