

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX043018\
 Data File : VX001255.D
 Acq On : 30 Apr 2018 10:36
 Operator : JC/MD
 Sample : VSTDIC005
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Manual Integrations
 APPROVED

MMDadoda
 5/2/2018 11:08:01 AM

Quant Time: Apr 30 13:08:18 2018
 Quant Method : W:\HPCHEM1\MSVOA X\METHOD\624X043018W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Mon Apr 30 12:56:30 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.03	128	38767	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.87	114	211620	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.12	117	198120	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.07	65	83509	27.83	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	92.77%
60) 4-Bromofluorobenzene	11.14	95	92838	28.64	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	95.47%
63) Toluene-d8	8.72	98	257270	30.32	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	101.07%

Target Compounds

						Ovalue
2) Dichlorodifluoromethane	1.20	85	10506	4.37	ug/l	93
3) Chloromethane	1.32	50	11753	4.87	ug/l	97
4) Vinyl Chloride	1.41	62	12310	4.29	ug/l	92
5) Bromomethane	1.65	94	10544	3.99	ug/l	94
6) Chloroethane	1.73	64	7708	4.20	ug/l	93
7) Trichlorofluoromethane	1.93	101	20808	4.19	ug/l	97
8) Diethyl Ether	2.19	74	7689	4.43	ug/l	86
9) 1,1,2-Trichlorotrifluoroet	2.39	101	12841	4.74	ug/l	95
10) 1,1-Dichloroethene	2.38	96	11181	4.32	ug/l	91
11) Methyl Iodide	2.51	142	9687	3.85	ug/l	90
12) Methyl Acetate	2.78	43	13654	2.95	ug/l	98
13) Acrolein	2.29	56	7622	13.68	ug/l	97
14) Acrylonitrile	3.15	53	26398	13.16	ug/l	99
15) Acetone	2.45	58	9181	14.04	ug/l	98
16) Carbon Disulfide	2.57	76	27529	3.72	ug/l	96
17) Allyl chloride	2.73	41	18125	4.10	ug/l	97
18) Methylene Chloride	2.86	84	12754	4.52	ug/l	93
19) trans-1,2-Dichloroethene	3.17	96	11993	4.26	ug/l	92
20) Diisopropyl ether	3.87	45	37340	5.35	ug/l #	93
21) 1,1-Dichloroethane	3.70	63	21565	4.69	ug/l	96
22) cis-1,2-Dichloroethene	4.60	96	13647	5.21	ug/l	99
23) tert-Butyl Alcohol	3.05	59	9940	8.67	ug/l #	99
24) Methyl tert-Butyl Ether	3.20	73	37246	4.17	ug/l	97
25) Chloroform	5.21	83	23015	5.05	ug/l	100
26) Cyclohexane	5.58	56	18871	5.24	ug/l #	91
29) 1,1-Dichloropropene	5.80	75	15783	5.12	ug/l	99
30) 2-Butanone	4.70	43	38846	16.38	ug/l	98
31) 2,2-Dichloropropane	4.59	77	17656	5.33	ug/l	96
32) 1,1,1-Trichloroethane	5.50	97	18562	4.98	ug/l	95
33) Carbon Tetrachloride	5.79	117	16786	5.07	ug/l	96
34) Benzene	6.15	78	48232	5.44	ug/l #	94
35) Methacrylonitrile	5.06	41	8571	3.92	ug/l	93
36) 1,2-Dichloroethane	6.20	62	18752	5.58	ug/l	98
37) Trichloroethene	7.22	130	15340	5.85	ug/l	93
38) Methylcyclohexane	7.46	83	18966	5.13	ug/l	95
39) 1,2-Dichloropropane	7.52	63	12424	5.61	ug/l	93
40) Dibromomethane	7.67	93	8539	5.01	ug/l	88

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

41) Bromodichloromethane	7.90	83	14885	4.59	ug/l	97
42) Vinyl Acetate	3.82	43	154404	25.54	ug/l	99
43) Ethyl Acetate	4.85	43	15024	3.61	ug/l	94
44) Isopropyl Acetate	6.46	43	24656	4.03	ug/l	97
45) 1,4-Dioxane	7.76	88	4401	57.24	ug/l #	87
46) Methyl methacrylate	7.78	41	12238	4.12	ug/l	89
47) n-amyl Acetate	10.90	43	20495	3.84	ug/l	93
48) t-1,3-Dichloropropene	8.44	75	16719	4.43	ug/l	97
49) cis-1,3-Dichloropropene	9.04	75	15338	4.18	ug/l	95
50) 1,1,2-Trichloroethane	9.22	97	12328	4.92	ug/l	96
51) Ethyl methacrylate	9.18	69	15447	4.03	ug/l	96
52) 1,3-Dichloropropane	9.37	76	20032	4.99	ug/l	99
53) Dibromochloromethane	9.59	129	11973	4.30	ug/l	97
54) 1,2-Dibromoethane	9.67	107	13022	4.66	ug/l	99
55) 2-Chloroethyl vinyl ether	8.32	63	41236	24.61	ug/l	100
56) Bromoform	10.86	173	8495	3.76	ug/l #	96
58) 4-Methyl-2-Pentanone	8.65	43	72141	16.62	ug/l	99
59) 2-Hexanone	9.50	43	56009	15.24	ug/l	95
61) Tetrachloroethene	9.34	164	17197	7.15	ug/l	91
62) Toluene	8.79	91	55512	5.39	ug/l	99
64) Chlorobenzene	10.14	112	37688	5.41	ug/l	100
65) 1,1,1,2-Tetrachloroethane	10.23	131	12412	5.03	ug/l	96
66) Ethyl Benzene	10.26	91	59813	5.08	ug/l	99
67) m/p-Xylenes	10.36	106	47101	10.21	ug/l	98
68) o-Xylene	10.70	106	22402	5.00	ug/l	99
69) Styrene	10.71	104	35368	4.77	ug/l	99
70) Isopropylbenzene	11.02	105	61567	5.08	ug/l	100
71) 1,1,2,2-Tetrachloroethane	11.27	83	16651	4.00	ug/l	100
72) 1,2,3-Trichloropropane	11.30	75	13972m	3.74	ug/l	
73) Bromobenzene	11.26	156	18273	5.76	ug/l	94
74) n-propylbenzene	11.37	91	68252	4.81	ug/l	100
75) 2-Chlorotoluene	11.43	91	42253	5.18	ug/l	100
76) 1,3,5-Trimethylbenzene	11.51	105	51028	4.97	ug/l	70
77) t-1,4-Dichloro-2-butene	11.08	75	3354	2.54	ug/l	87
78) 4-Chlorotoluene	11.51	91	48664	4.98	ug/l	99
79) tert-butylbenzene	12.07	119	53073	5.20	ug/l	96
80) 1,2,4-Trimethylbenzene	11.81	105	51282	4.90	ug/l	100
81) sec-Butylbenzene	11.95	105	59666	4.72	ug/l	98
82) p-Isopropyltoluene	12.07	119	53073	4.71	ug/l	99
83) 1,3-Dichlorobenzene	12.03	146	32965	5.45	ug/l	97
84) 1,4-Dichlorobenzene	12.10	146	33315	5.29	ug/l	99
85) n-Butylbenzene	12.39	91	45074	4.27	ug/l	99
86) Hexachloroethane	12.60	117	7020	3.73	ug/l	71
87) 1,2-Dichlorobenzene	12.40	146	32087	5.36	ug/l	98
88) 1,2-Dibromo-3-Chloropropan	13.01	75	3032	2.60	ug/l	94
89) 1,2,4-Trichlorobenzene	13.65	180	23442	5.33	ug/l	98
90) Hexachlorobutadiene	13.79	225	11333	5.98	ug/l	97
91) Naphthalene	13.84	128	55950	3.64	ug/l	100
92) 1,2,3-Trichlorobenzene	14.02	180	23774	5.37	ug/l	98

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MSVOA_X
ClientSampleId :
VSTDICC005

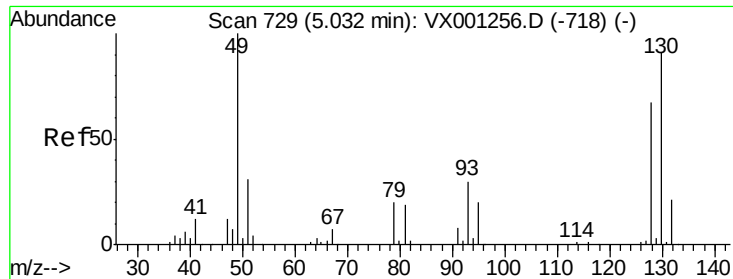
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Bromochloromethane

Concen: 30.00 ug/l

RT: 5.03 min Scan# 728

Delta R.T. -0.01 min

Lab File: VX001255.D

Acq: 30 Apr 2018 10:36

Instrument :

MSVOA_X

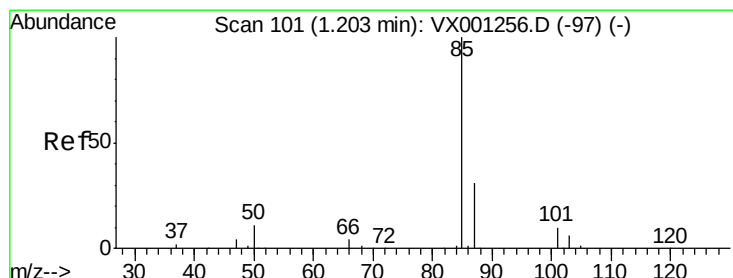
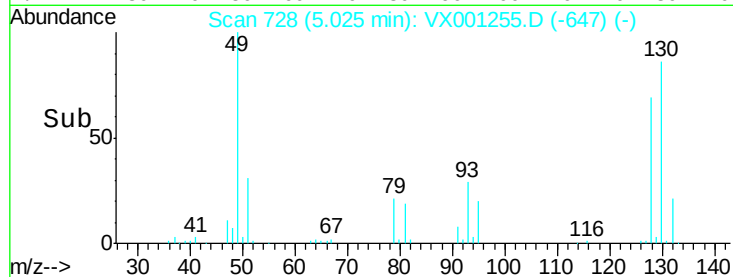
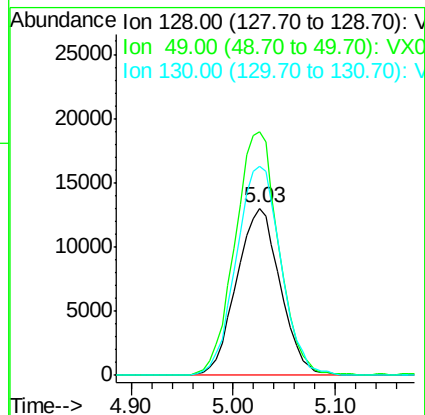
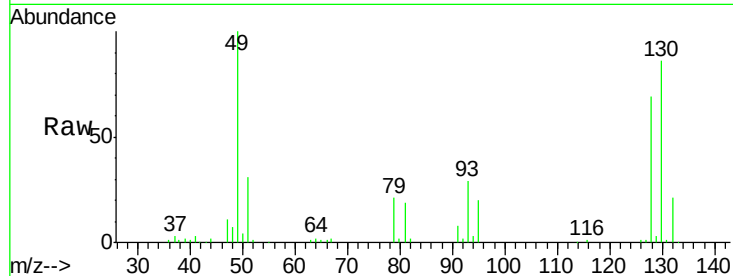
ClientSampleId :

VSTDIC005

Tot Ion:	128	Resp:	38767
Ion	Ratio	Lower	Upper
128	100		
49	146.2	0.0	378.3
130	127.8	0.0	324.3

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#2

Dichlorodifluoromethane

Concen: 4.37 ug/l

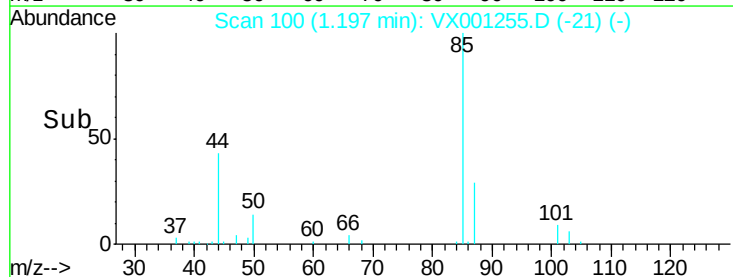
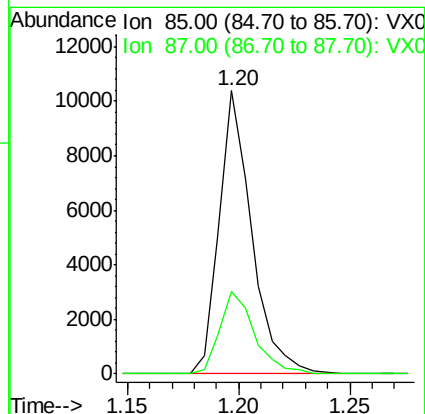
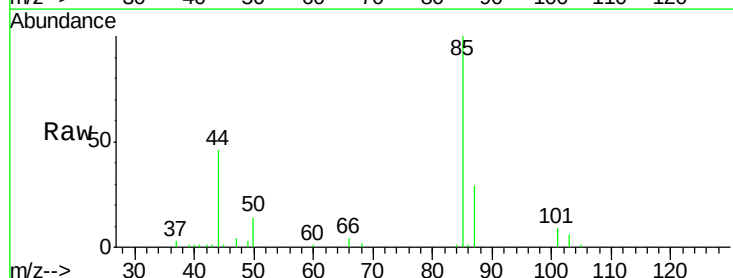
RT: 1.20 min Scan# 100

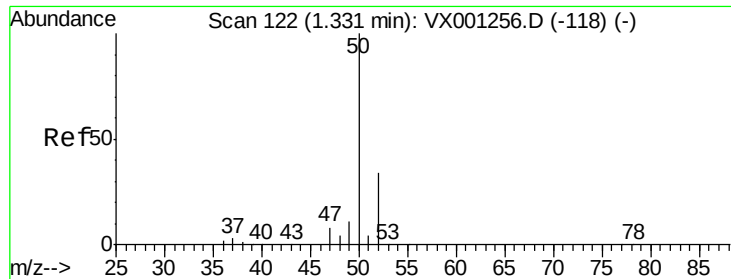
Delta R.T. -0.00 min

Lab File: VX001255.D

Acq: 30 Apr 2018 10:36

Tgt Ion:	85	Resp:	10506
Ion	Ratio	Lower	Upper
85	100		
87	28.9	16.6	49.7





#3

Chloromethane

Concen: 4.87 ug/l

RT: 1.32 min Scan# 121

Delta R.T. -0.00 min

Lab File: VX001255.D

Acq: 30 Apr 2018 10:36

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tot Ion: 50 Resp: 11753

Ion Ratio Lower Upper

50 100

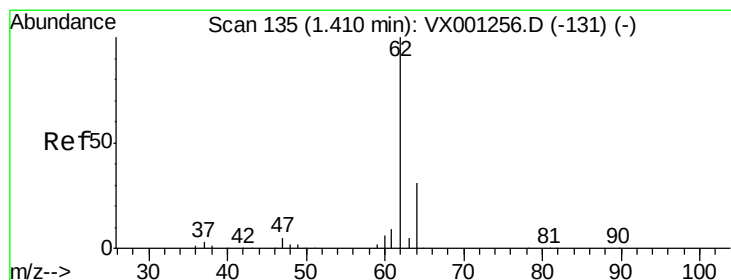
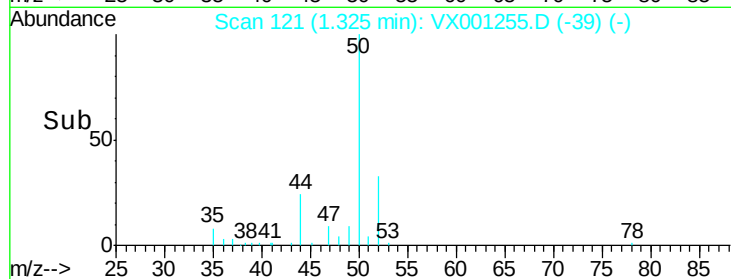
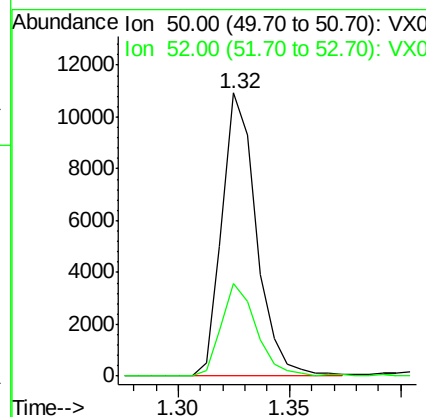
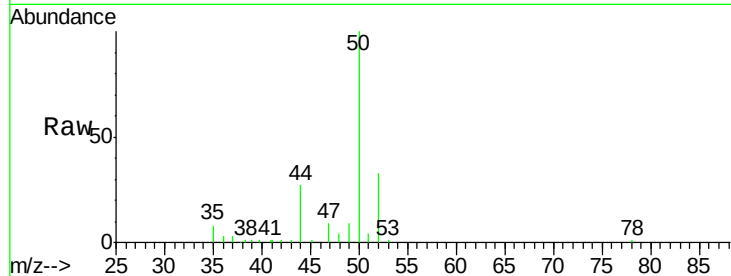
52 32.9 27.8 41.6

Manual Integrations

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#4

Vinyl Chloride

Concen: 4.29 ug/l

RT: 1.41 min Scan# 135

Delta R.T. 0.01 min

Lab File: VX001255.D

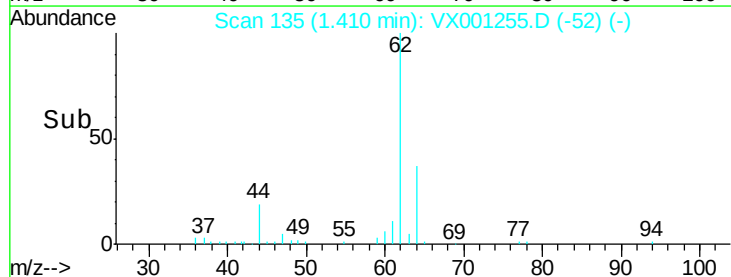
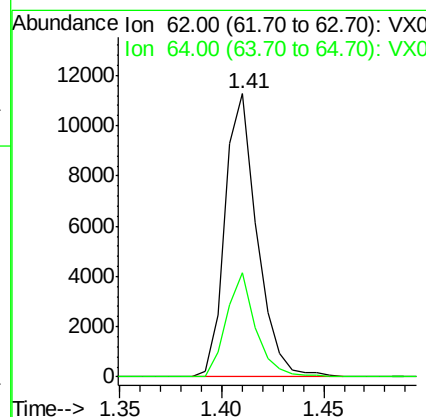
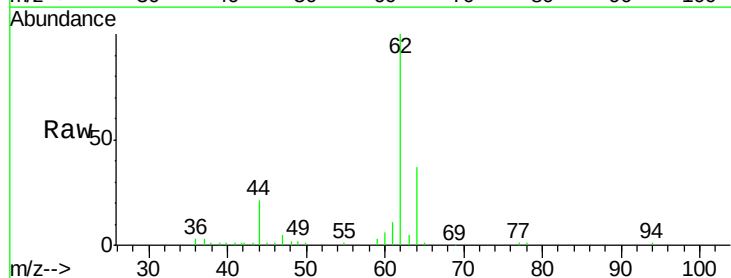
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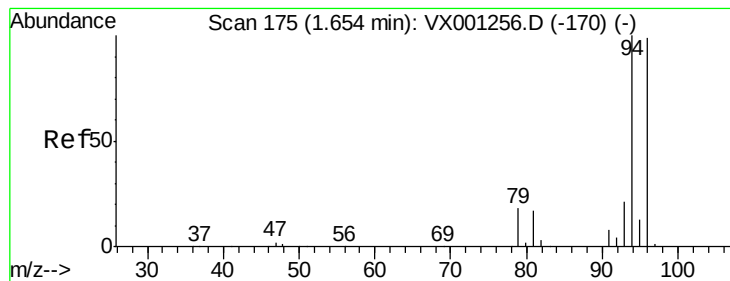
Tgt Ion: 62 Resp: 12310

Ion Ratio Lower Upper

62 100

64 36.8 26.0 39.0





#5

Bromomethane

Concen: 3.99 ug/l

RT: 1.65 min Scan# 174

Delta R.T. 0.01 min

Lab File: VX001255.D

Acq: 30 Apr 2018 10:36

Instrument :

MSVOA_X

ClientSampled :

VSTDIC005

Tot Ion: 94 Resp: 10544

Ion Ratio Lower Upper

94 100

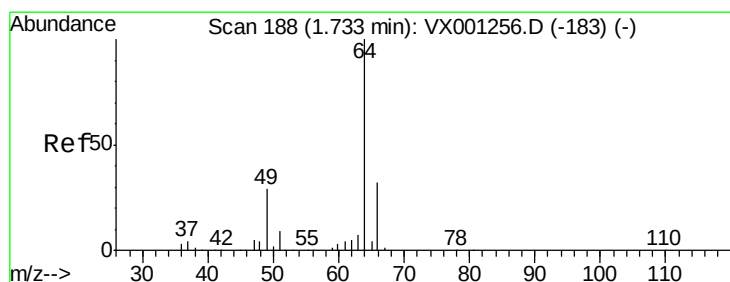
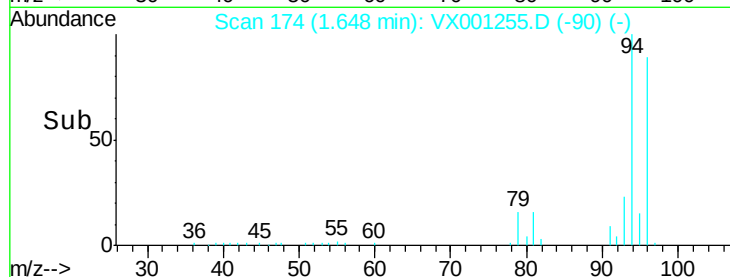
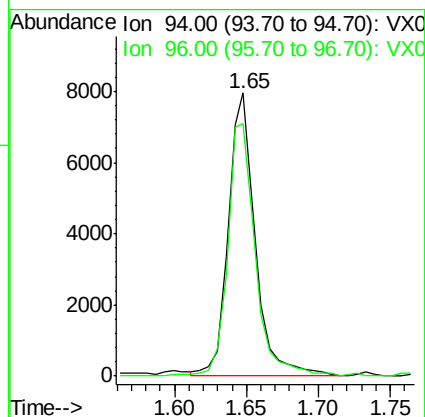
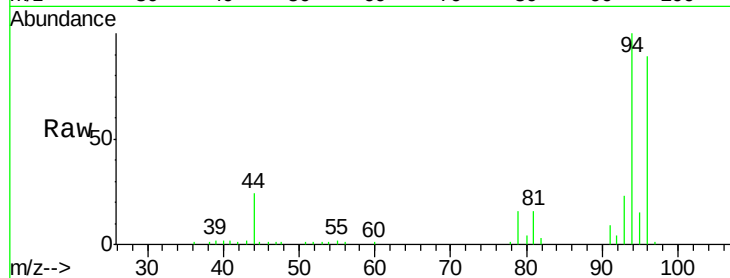
96 89.5 76.2 114.2

Manual Integrations

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#6

Chloroethane

Concen: 4.20 ug/l

RT: 1.73 min Scan# 188

Delta R.T. 0.01 min

Lab File: VX001255.D

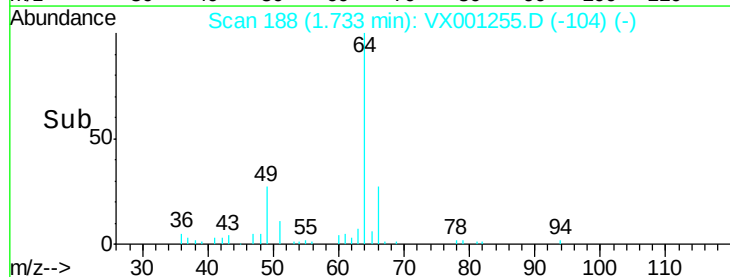
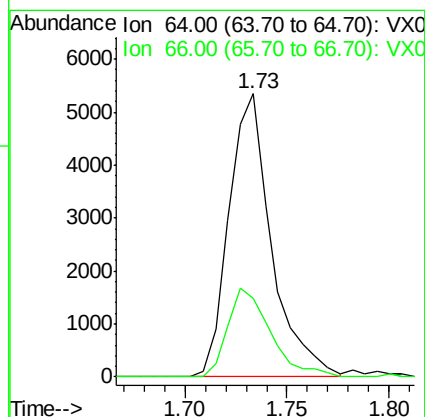
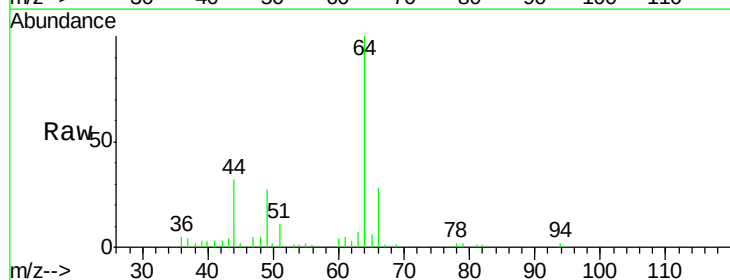
Acq: 30 Apr 2018 10:36

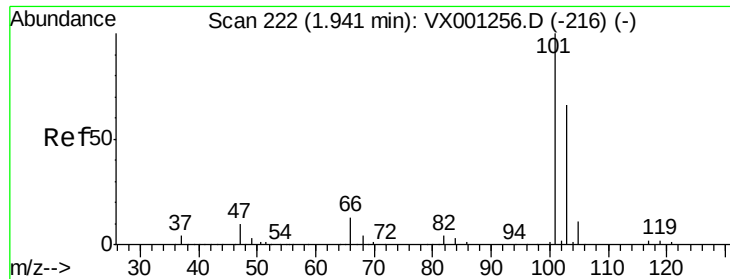
Tgt Ion: 64 Resp: 7708

Ion Ratio Lower Upper

64 100

66 27.9 25.2 37.8





#7

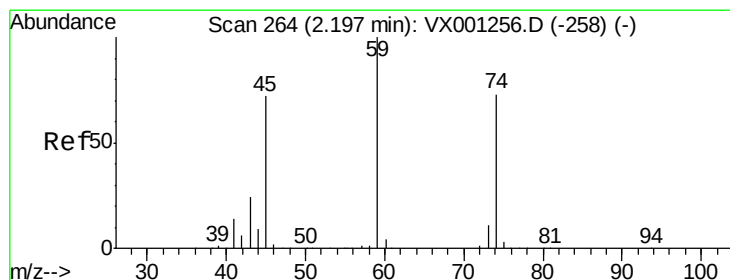
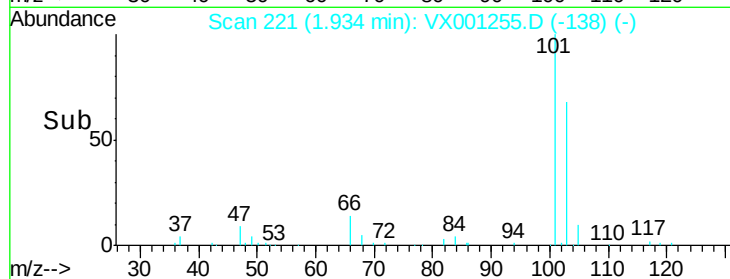
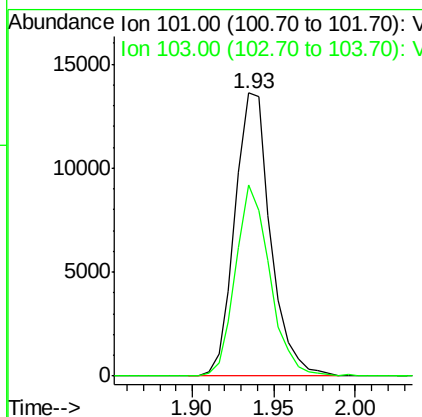
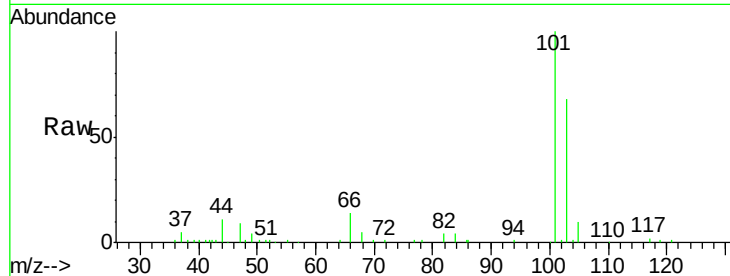
Trichlorofluoromethane
Concen: 4.19 ug/l
RT: 1.93 min Scan# 221
Delta R.T. 0.01 min
Lab File: VX001255.D
Acq: 30 Apr 2018 10:36

Instrument :
MSVOA_X
ClientSampled :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
101	100		
103	67.7	52.2	78.4

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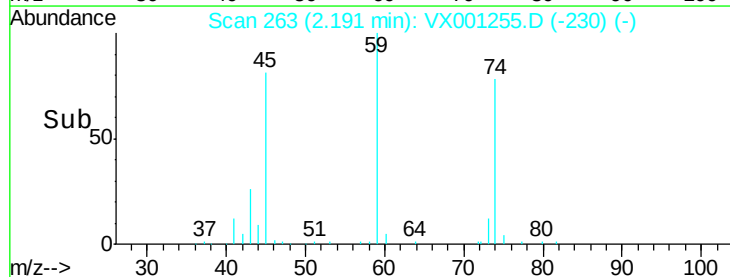
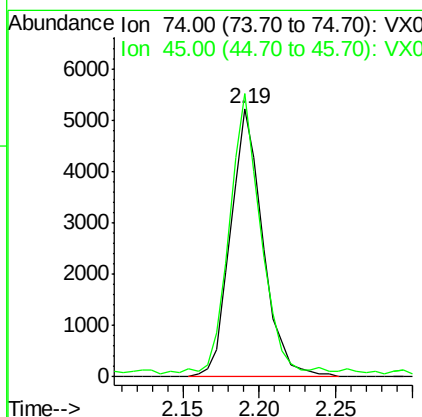
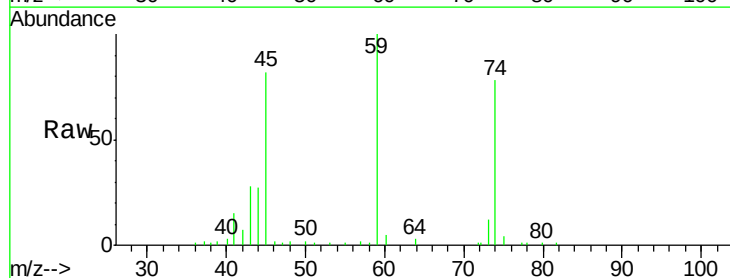
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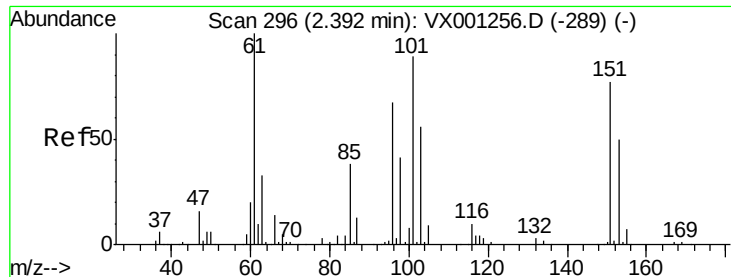


#8

Diethyl Ether
Concen: 4.43 ug/l
RT: 2.19 min Scan# 263
Delta R.T. -0.00 min
Lab File: VX001255.D
Acq: 30 Apr 2018 10:36

Tgt Ion	Ratio	Lower	Upper
74	100		
45	101.7	17.8	159.8





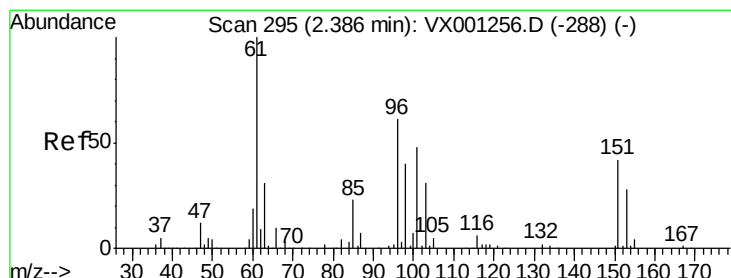
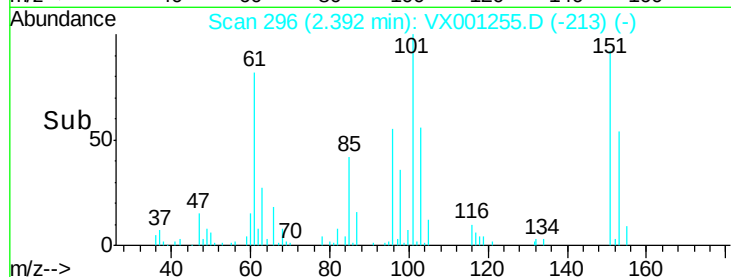
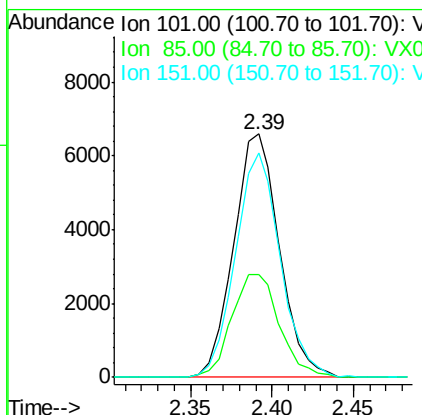
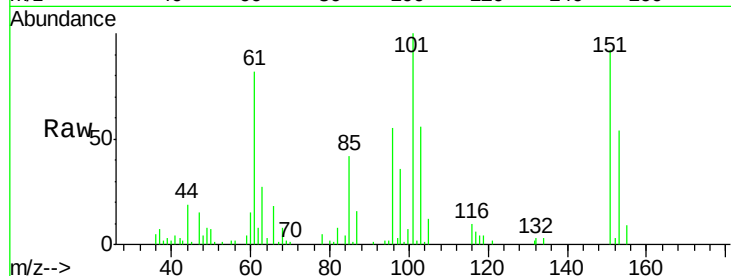
#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 4.74 ug/l
 RT: 2.39 min Scan# 296
 Delta R.T. 0.01 min
 Lab File: VX001255.D
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Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Tot Ion	Ratio	Lower	Upper
101	100		
85	44.1	0.0	90.4
151	90.4	0.0	167.6

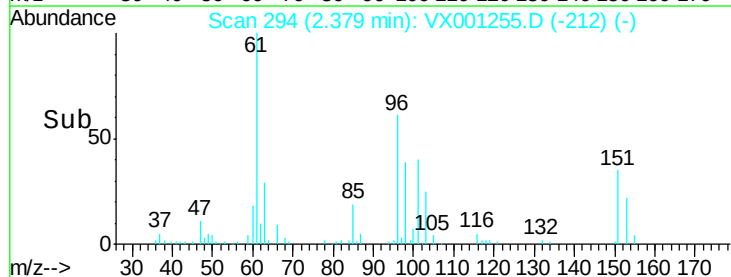
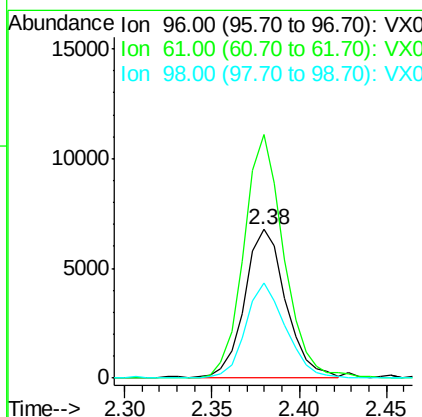
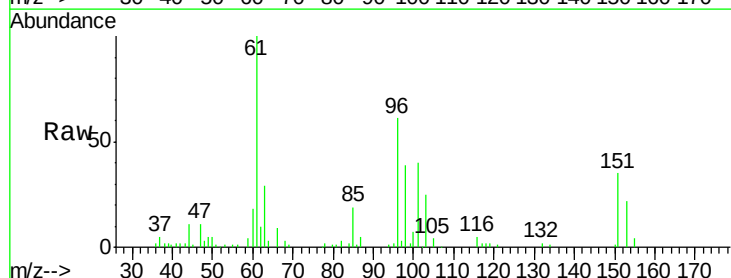
Manual Integrations
 APPROVED

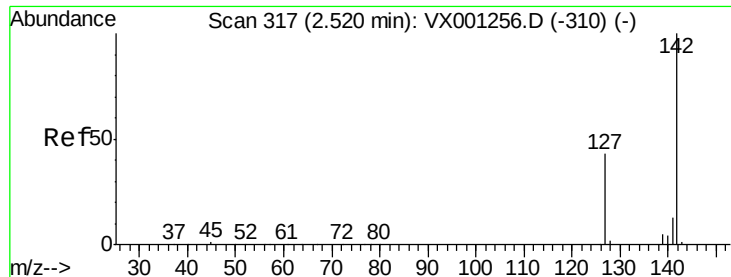
MMDadoda
 5/2/2018 11:08:01 AM



#10
 1,1-Dichloroethene
 Concen: 4.32 ug/l
 RT: 2.38 min Scan# 294
 Delta R.T. -0.00 min
 Lab File: VX001255.D
 Acq: 30 Apr 2018 10:36

Tgt Ion	Ratio	Lower	Upper
96	100		
61	163.9	118.6	178.0
98	64.3	51.0	76.6





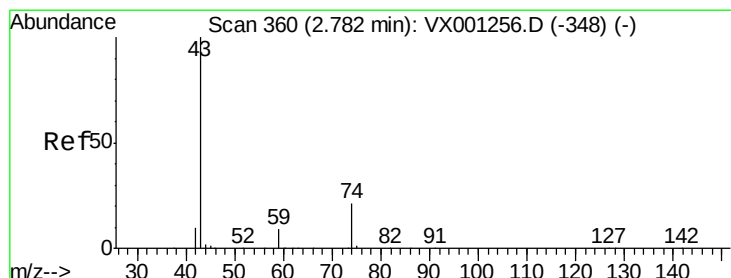
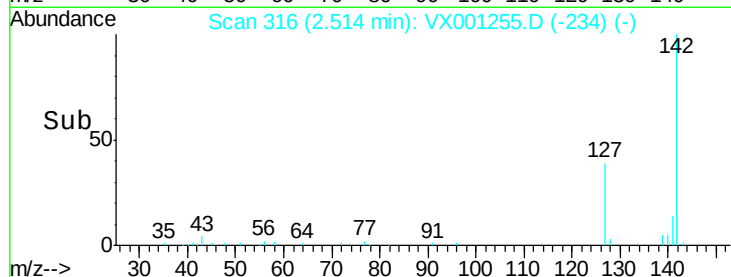
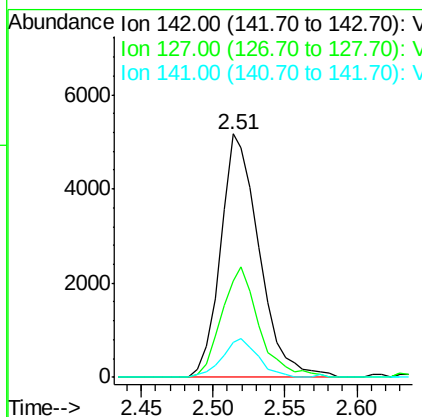
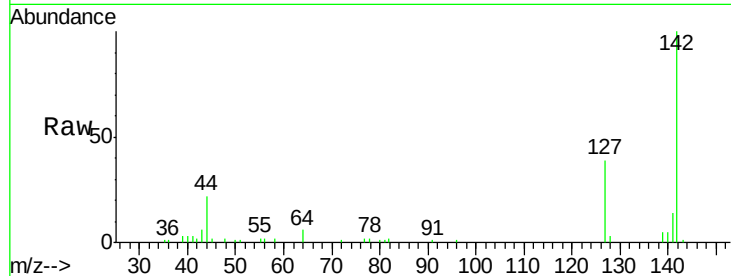
#11
Methyl Iodide
Concen: 3.85 ug/l
RT: 2.51 min Scan# 316
Delta R.T. -0.00 min
Lab File: VX001255.D
Acq: 30 Apr 2018 10:36

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
142	100		
127	39.4	23.8	71.5
141	14.4	8.2	24.4

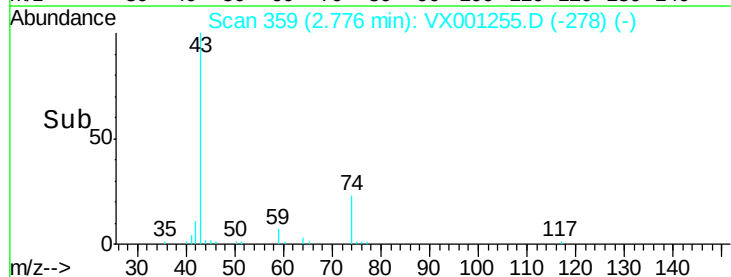
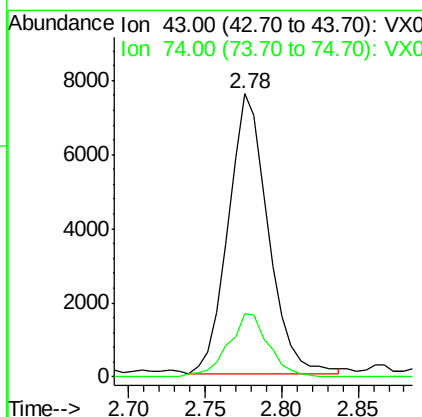
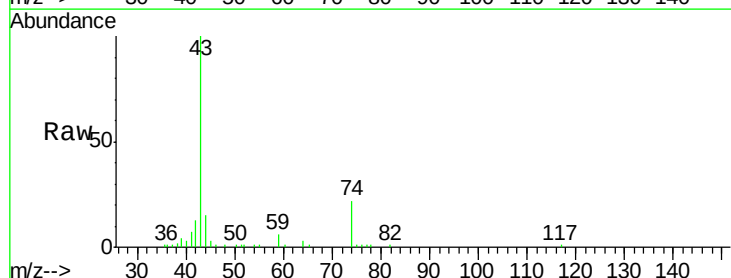
Manual Integrations
APPROVED

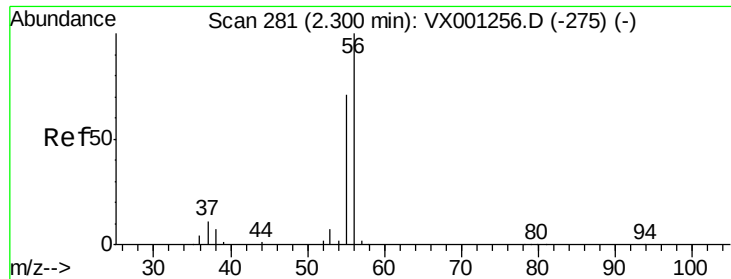
MMDadoda
5/2/2018 11:08:01 AM



#12
Methyl Acetate
Concen: 2.95 ug/l
RT: 2.78 min Scan# 359
Delta R.T. -0.01 min
Lab File: VX001255.D
Acq: 30 Apr 2018 10:36

Tgt Ion	Ratio	Lower	Upper
43	100		
74	22.4	18.6	27.8





#13

Acrolein

Concen: 13.68 ug/l

RT: 2.29 min Scan# 280

Delta R.T. -0.00 min

Lab File: VX001255.D

Acq: 30 Apr 2018 10:36

Instrument :

MSVOA_X

ClientSampled :

VSTDIC005

Tot Ion: 56 Resp: 7622

Ion Ratio Lower Upper

56 100

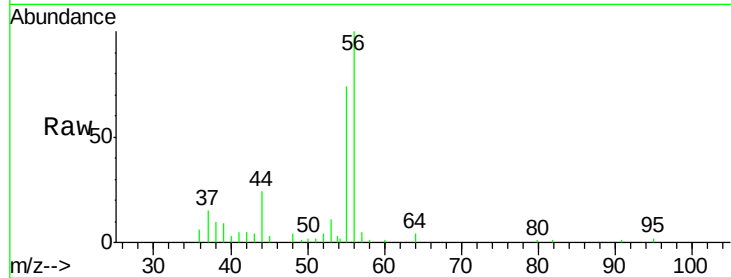
55 69.3 57.3 85.9

Manual Integrations

APPROVED

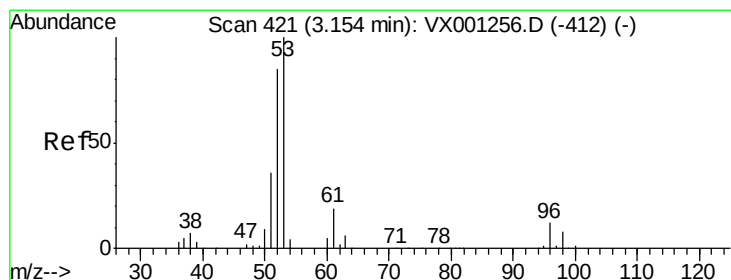
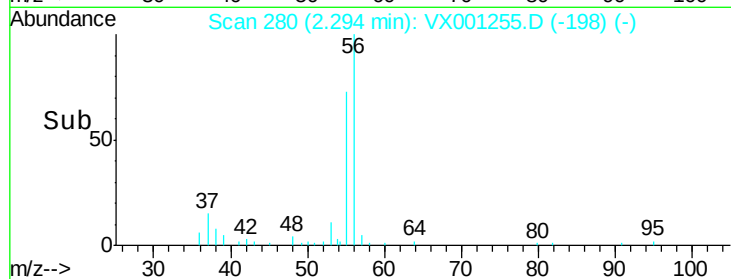
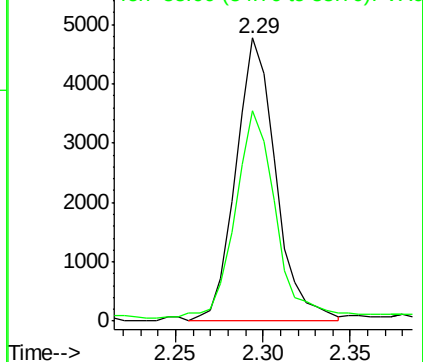
MMDadoda

5/2/2018 11:08:01 AM



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Acrylonitrile

Concen: 13.16 ug/l

RT: 3.15 min Scan# 420

Delta R.T. -0.01 min

Lab File: VX001255.D

Acq: 30 Apr 2018 10:36

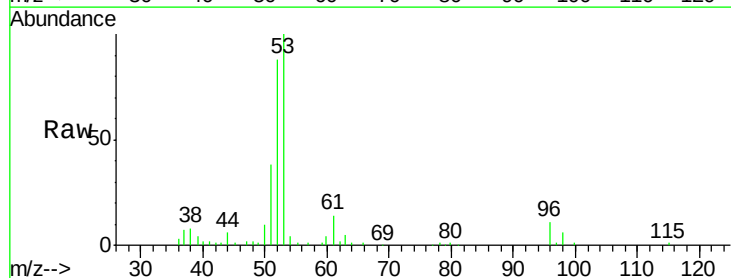
Tgt Ion: 53 Resp: 26398

Ion Ratio Lower Upper

53 100

52 83.1 41.9 125.8

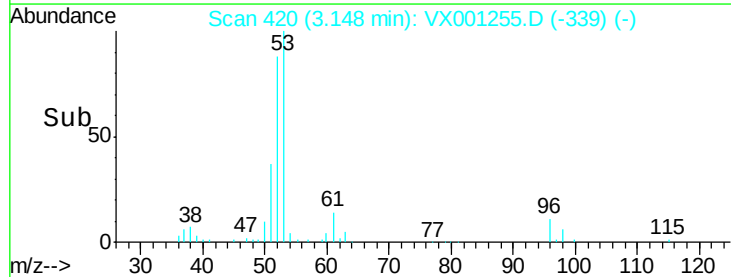
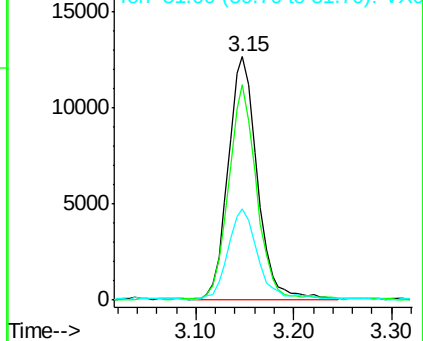
51 37.6 18.8 56.3

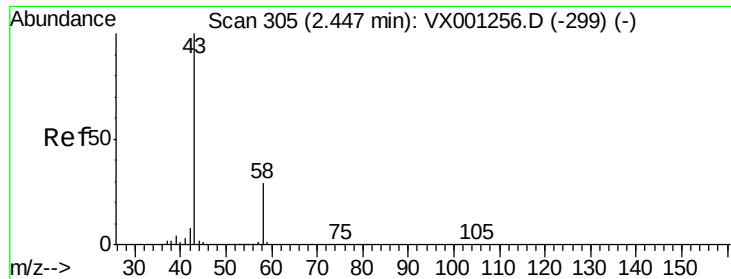


Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0





#15

Acetone

Concen: 14.04 ug/l

RT: 2.45 min Scan# 305

Delta R.T. -0.00 min

Lab File: VX001255.D

Acq: 30 Apr 2018 10:36

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tot Ion: 58 Resp: 9181

Ion Ratio Lower Upper

58 100

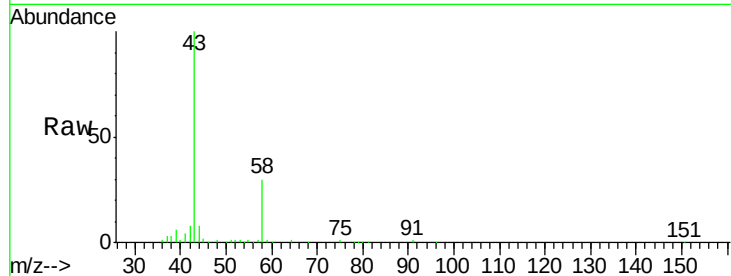
43 327.4 264.6 396.8

Manual Integrations

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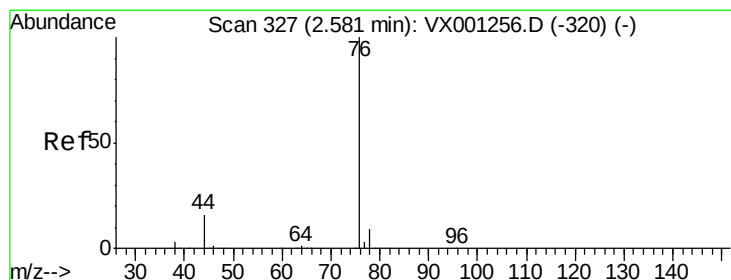
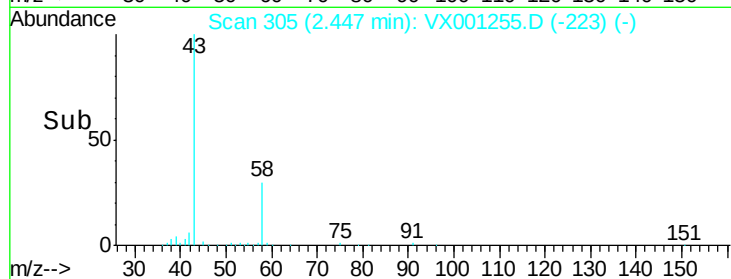
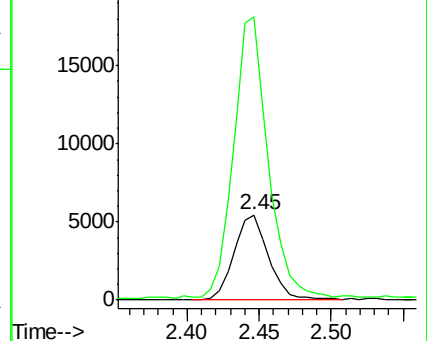
MMDadoda

5/2/2018 11:08:01 AM



Abundance Ion 58.00 (57.70 to 58.70): VX0

Ion 43.00 (42.70 to 43.70): VX0



#16

Carbon Disulfide

Concen: 3.72 ug/l

RT: 2.57 min Scan# 326

Delta R.T. -0.00 min

Lab File: VX001255.D

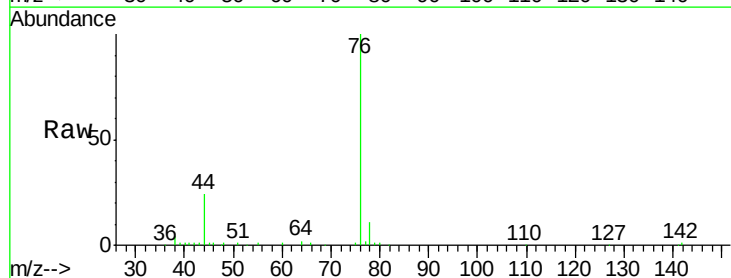
Acq: 30 Apr 2018 10:36

Tgt Ion: 76 Resp: 27529

Ion Ratio Lower Upper

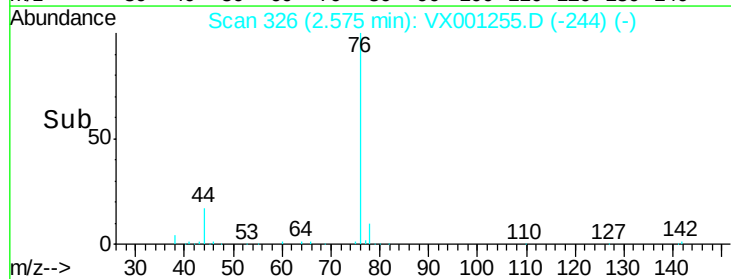
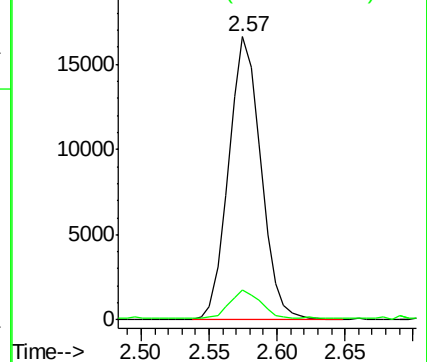
76 100

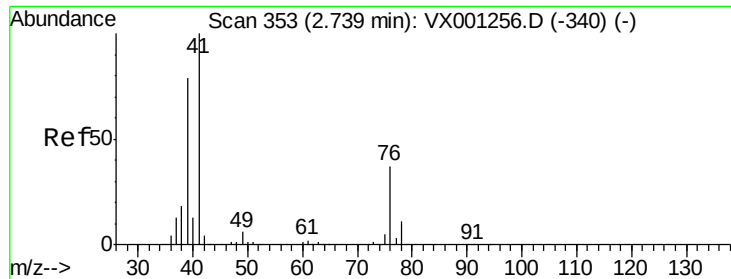
78 10.0 6.8 10.2



Abundance Ion 76.00 (75.70 to 76.70): VX0

Ion 78.00 (77.70 to 78.70): VX0





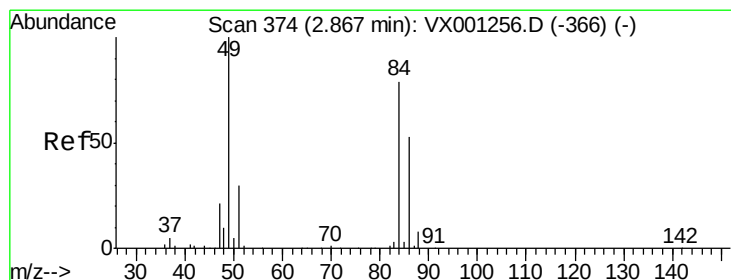
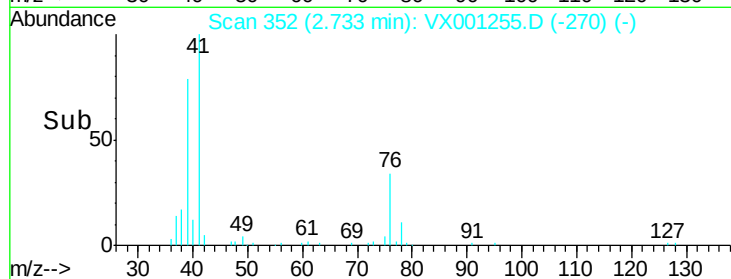
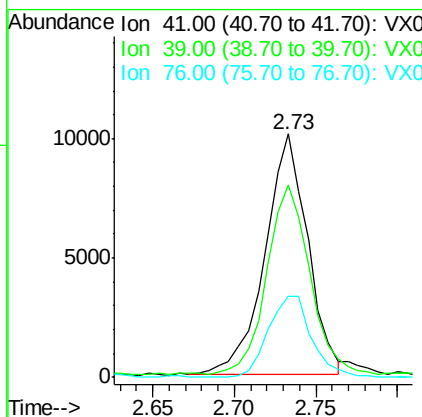
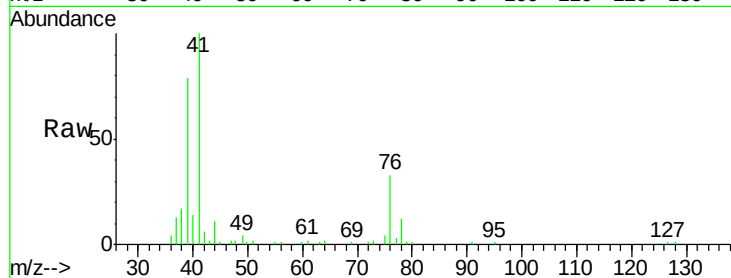
#17
Allvl chloride
Concen: 4.10 ug/l
RT: 2.73 min Scan# 352
Delta R.T. -0.00 min
Lab File: VX001255.D
Acq: 30 Apr 2018 10:36

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
41	100		
39	78.4	38.5	115.5
76	33.7	18.7	56.1

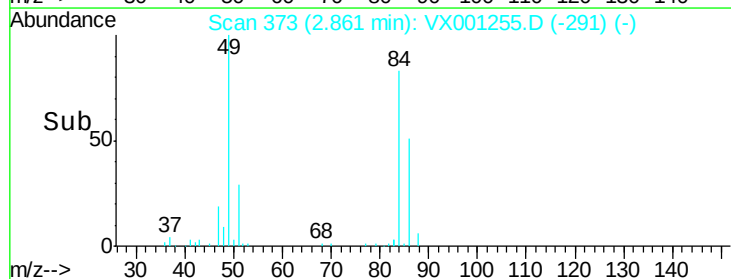
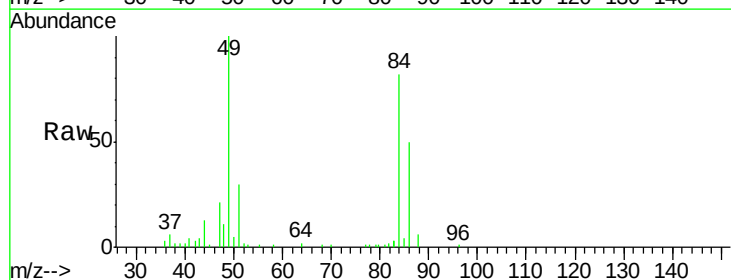
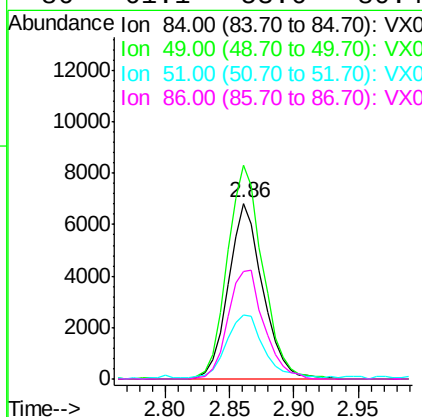
Manual Integrations
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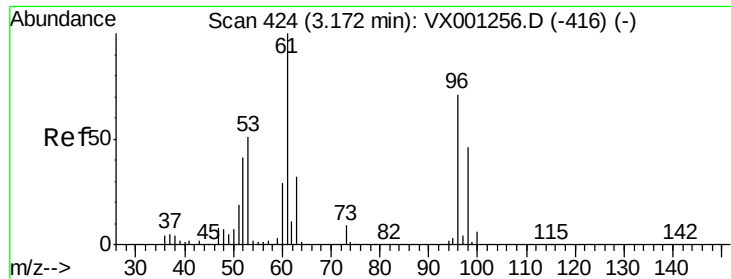
MMDadoda
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#18
Methylene Chloride
Concen: 4.52 ug/l
RT: 2.86 min Scan# 373
Delta R.T. -0.00 min
Lab File: VX001255.D
Acq: 30 Apr 2018 10:36

Tgt Ion	Ratio	Lower	Upper
84	100		
49	121.4	103.3	154.9
51	35.5	31.2	46.8
86	61.1	53.6	80.4





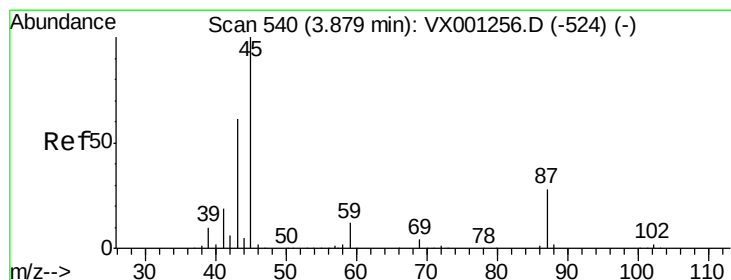
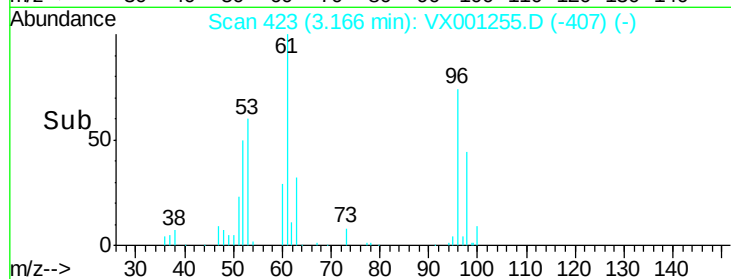
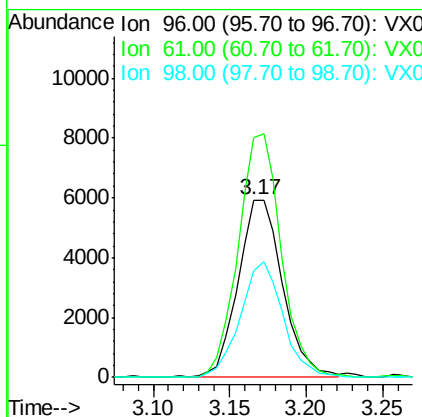
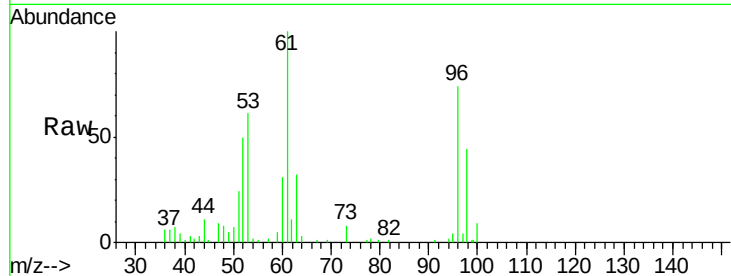
#19
trans-1,2-Dichloroethene
Concen: 4.26 ug/l
RT: 3.17 min Scan# 423
Delta R.T. -0.00 min
Lab File: VX001255.D
Acq: 30 Apr 2018 10:36

Instrument :
MSVOA_X
ClientSampled :
VSTDIC005

Tot Ion	Ion	Ratio	Lower	Upper
96	100			
61	134.7	101.0	151.6	
98	59.8	53.3	79.9	

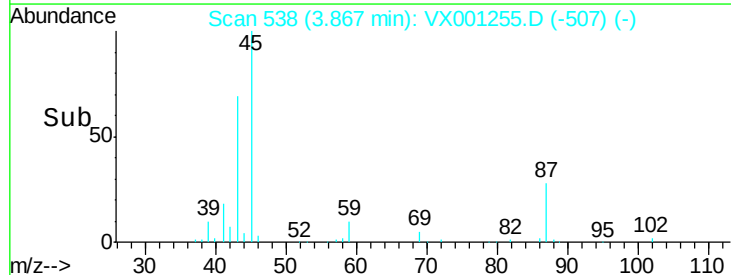
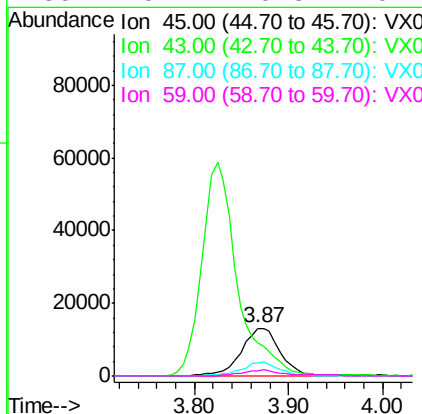
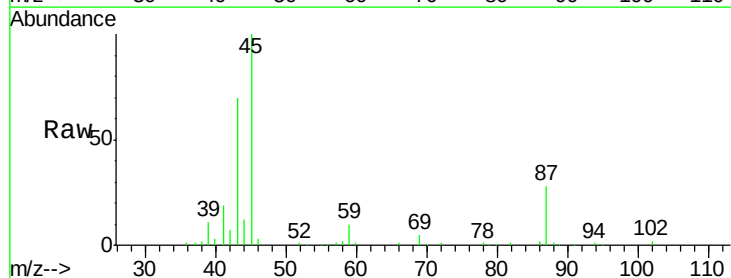
Manual Integrations
APPROVED

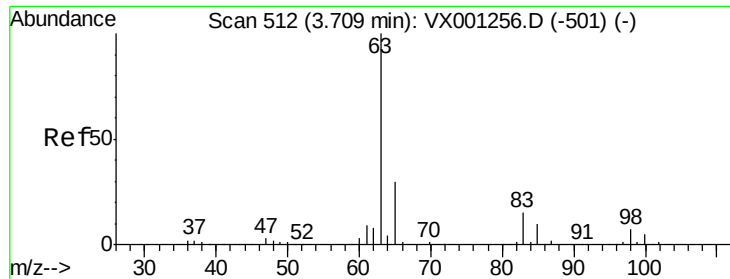
MMDadoda
5/2/2018 11:08:01 AM



#20
Diisopropyl ether
Concen: 5.35 ug/l
RT: 3.87 min Scan# 538
Delta R.T. -0.01 min
Lab File: VX001255.D
Acq: 30 Apr 2018 10:36

Tgt Ion	Ion	Ratio	Lower	Upper
45	100			
43	68.8	49.6	74.4	
87	27.8	23.1	34.7	
59	9.7	10.8	16.2	





#21

1,1-Dichloroethane

Concen: 4.69 ug/l

RT: 3.70 min Scan# 511

Delta R.T. -0.00 min

Lab File: VX001255.D

Acq: 30 Apr 2018 10:36

Instrument :

MSVOA_X

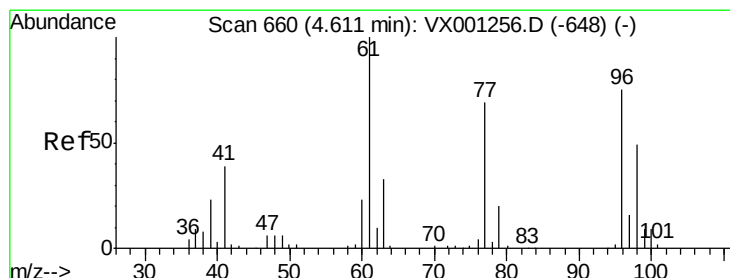
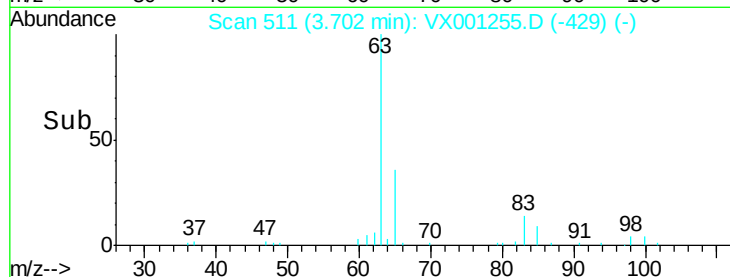
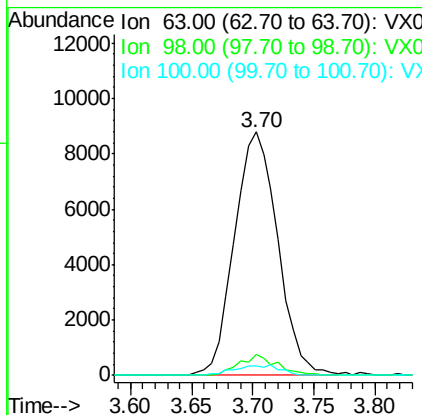
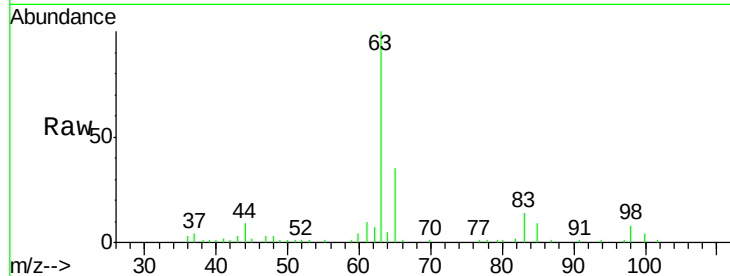
ClientSampleId :

VSTDIC005

Tot Ion:	63	Resp:	21565
Ion	Ratio	Lower	Upper
63	100		
98	8.4	3.3	9.9
100	4.0	2.1	6.5

Manual Integrations
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#22

cis-1,2-Dichloroethene

Concen: 5.21 ug/l

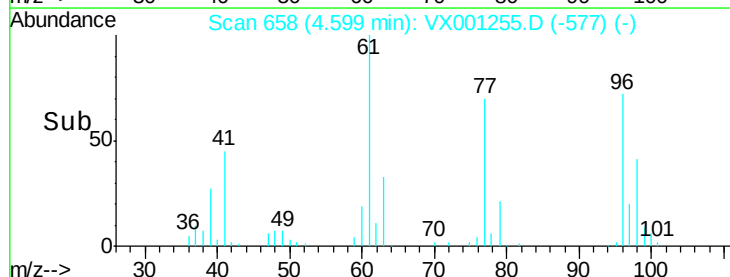
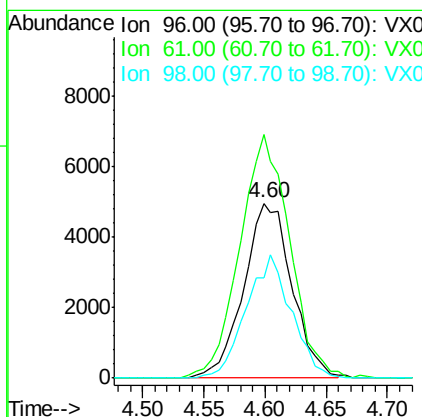
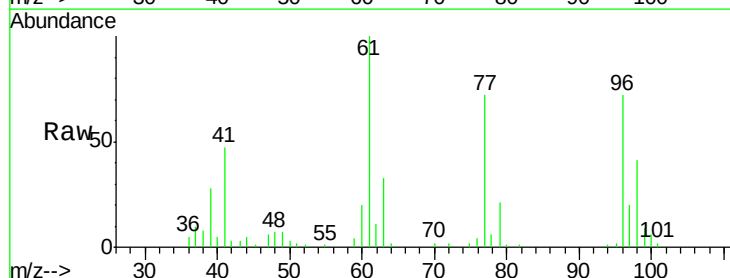
RT: 4.60 min Scan# 658

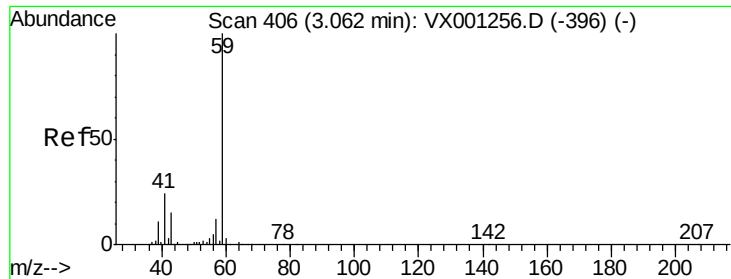
Delta R.T. -0.01 min

Lab File: VX001255.D

Acq: 30 Apr 2018 10:36

Tgt Ion:	96	Resp:	13647
Ion	Ratio	Lower	Upper
96	100		
61	143.1	113.5	170.3
98	65.9	51.8	77.8





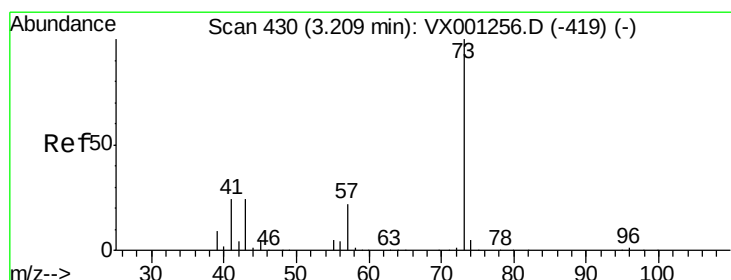
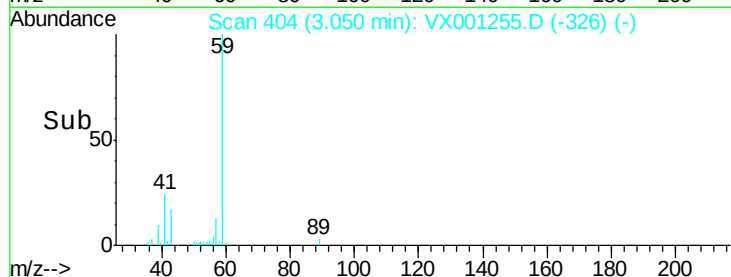
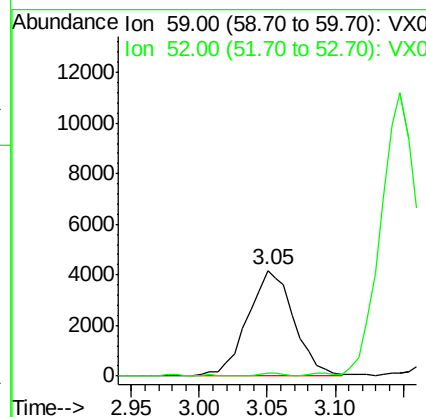
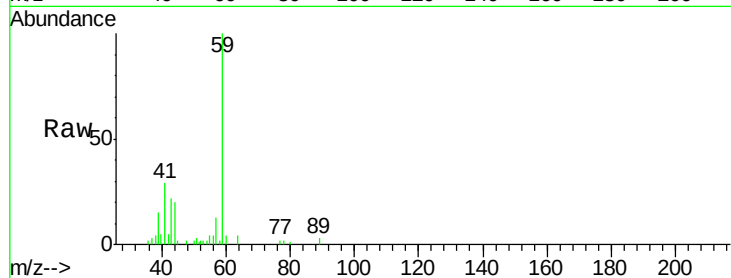
#23
 tert-Butyl Alcohol
 Concen: 8.67 ug/l
 RT: 3.05 min Scan# 404
 Delta R.T. -0.02 min
 Lab File: VX001255.D
 Acq: 30 Apr 2018 10:36

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Tot Ion: 59 Resp: 9940
 Ion Ratio Lower Upper
 59 100
 52 1.3 0.1 0.1#

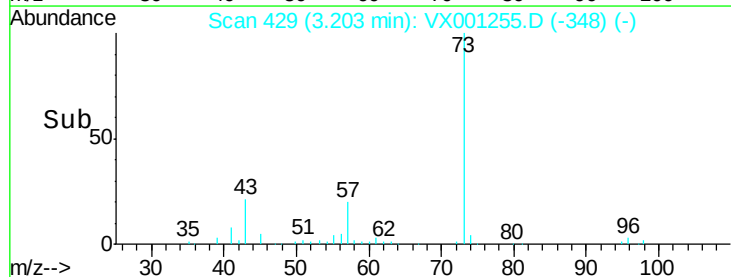
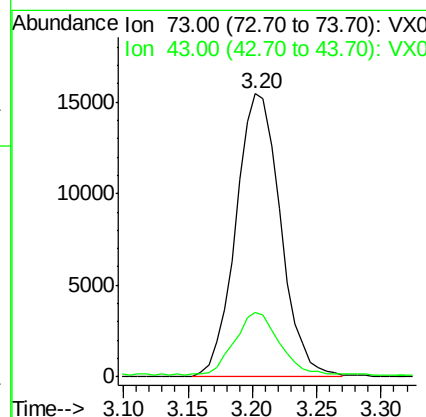
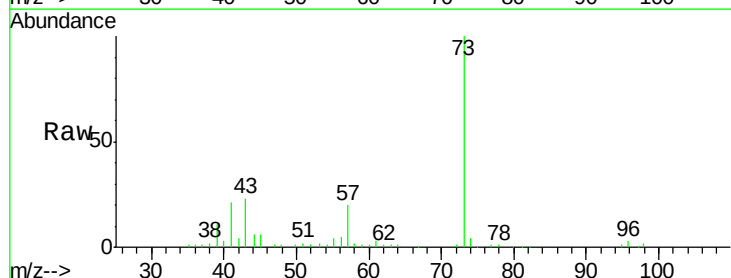
Manual Integrations
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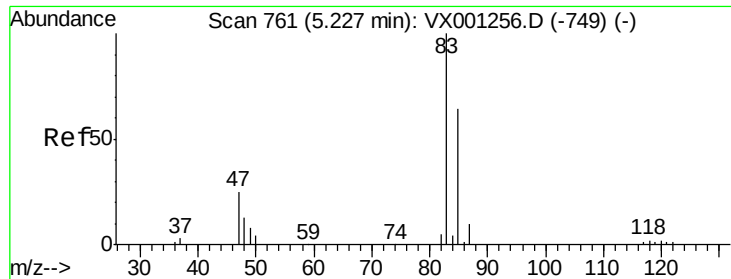
MMDadoda
 5/2/2018 11:08:01 AM



#24
 Methyl tert-Butyl Ether
 Concen: 4.17 ug/l
 RT: 3.20 min Scan# 429
 Delta R.T. -0.01 min
 Lab File: VX001255.D
 Acq: 30 Apr 2018 10:36

Tgt Ion: 73 Resp: 37246
 Ion Ratio Lower Upper
 73 100
 43 21.9 16.5 24.7





#25

Chloroform

Concen: 5.05 ug/l

RT: 5.21 min Scan# 759

Delta R.T. -0.01 min

Lab File: VX001255.D

Acq: 30 Apr 2018 10:36

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tot Ion: 83 Resp: 23015

Ion Ratio Lower Upper

83 100

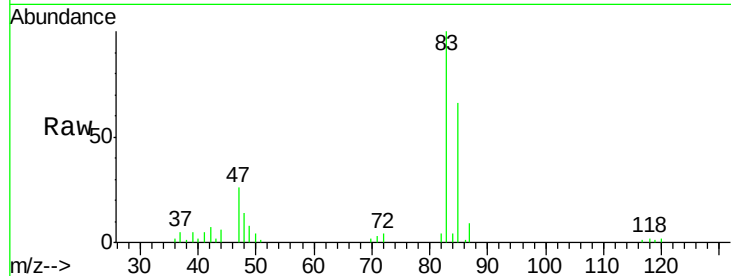
85 65.8 52.5 78.7

Manual Integrations

APPROVED

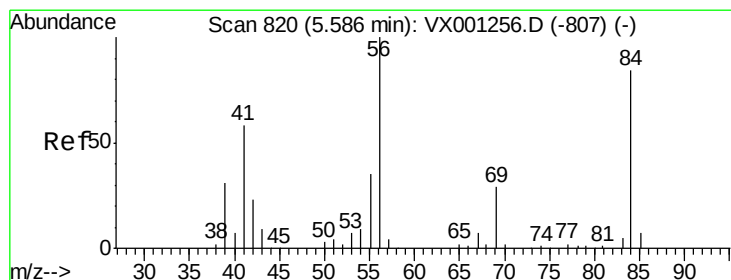
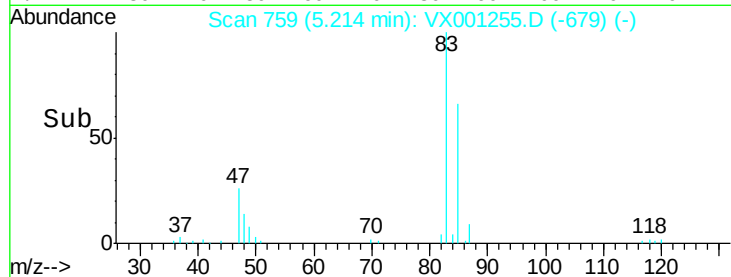
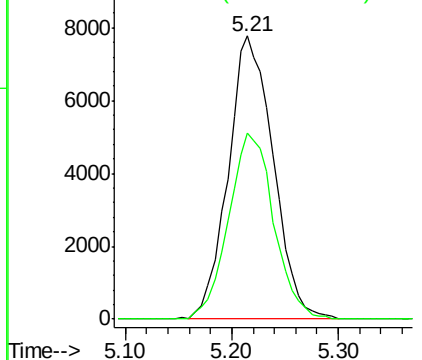
MMDadoda

5/2/2018 11:08:01 AM



Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 85.00 (84.70 to 85.70): VX0



#26

Cyclohexane

Concen: 5.24 ug/l

RT: 5.58 min Scan# 819

Delta R.T. -0.00 min

Lab File: VX001255.D

Acq: 30 Apr 2018 10:36

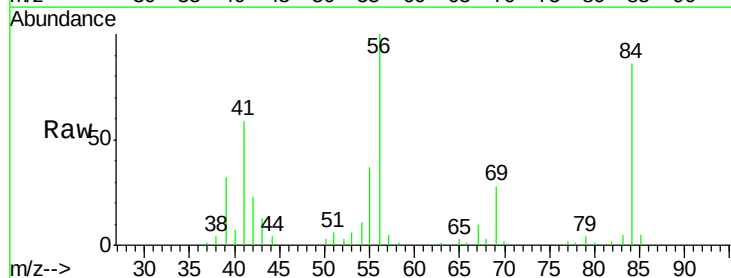
Tgt Ion: 56 Resp: 18871

Ion Ratio Lower Upper

56 100

89 0.0 0.0 0.0

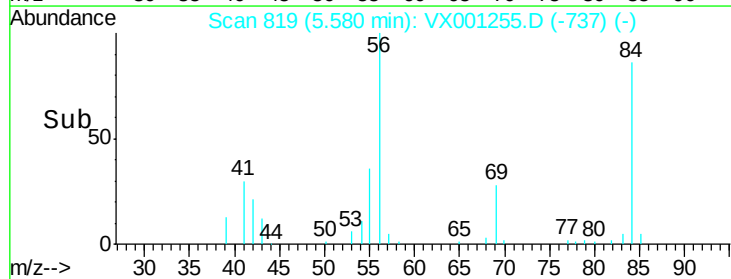
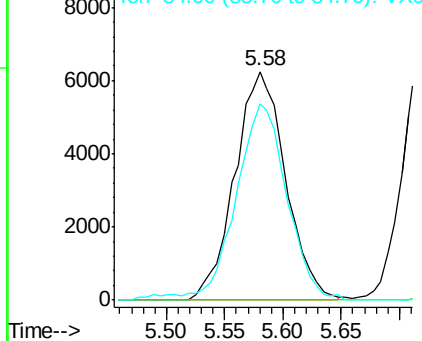
84 85.0 74.8 112.2

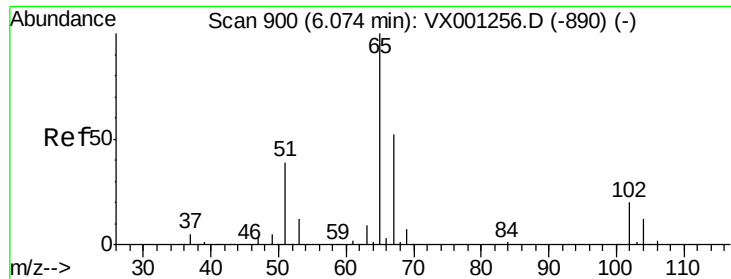


Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 89.00 (88.70 to 89.70): VX0

Ion 84.00 (83.70 to 84.70): VX0





#27

1,2-Dichloroethane-d4

Concen: 27.83 ug/l

RT: 6.07 min Scan# 900

Delta R.T. -0.00 min

Lab File: VX001255.D

Acq: 30 Apr 2018 10:36

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tot Ion: 65 Resp: 83509

Ion Ratio Lower Upper

65 100

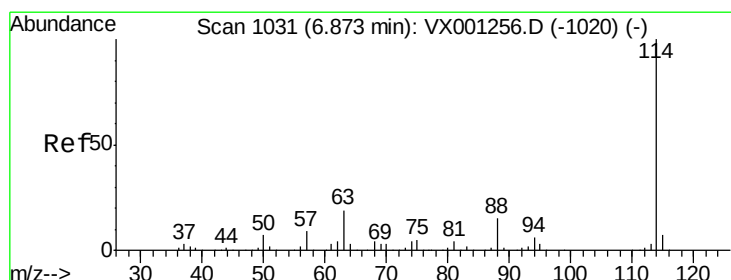
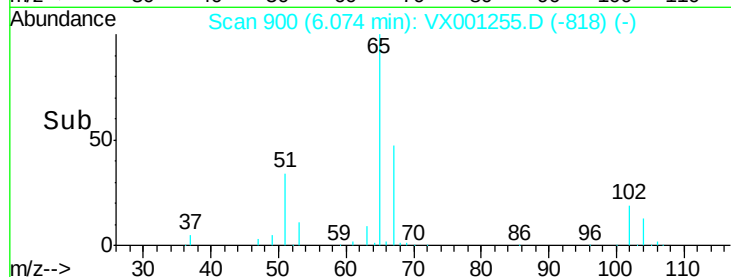
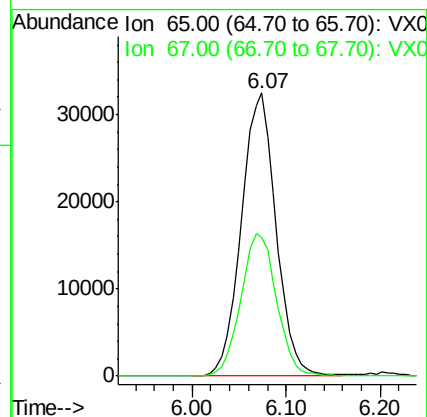
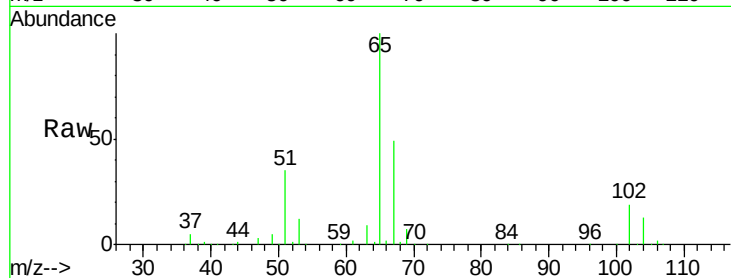
67 51.8 41.4 62.2

Manual Integrations

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#28

1,4-Difluorobenzene

Concen: 30.00 ug/l

RT: 6.87 min Scan# 1030

Delta R.T. -0.00 min

Lab File: VX001255.D

Acq: 30 Apr 2018 10:36

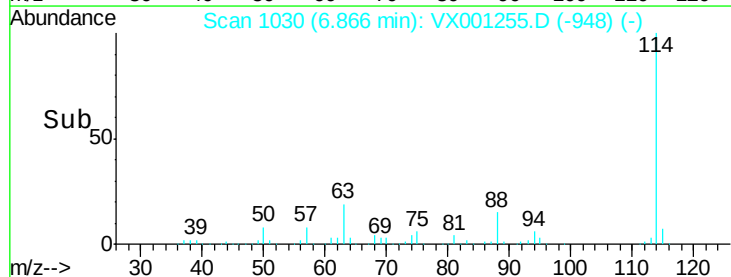
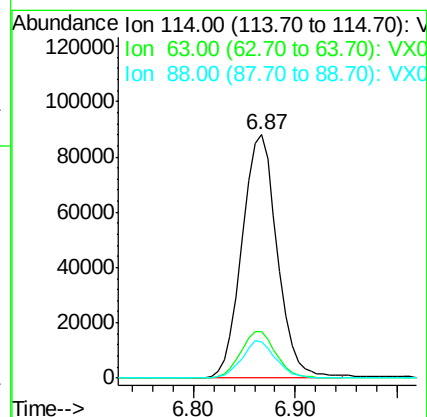
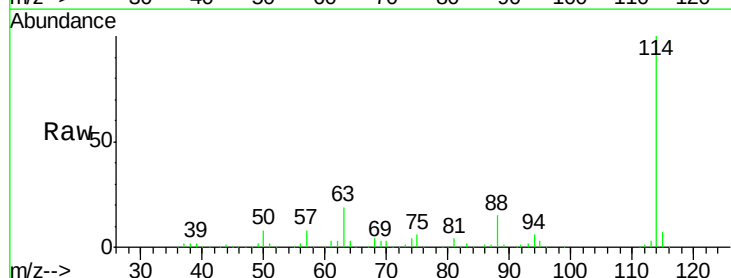
Tgt Ion: 114 Resp: 211620

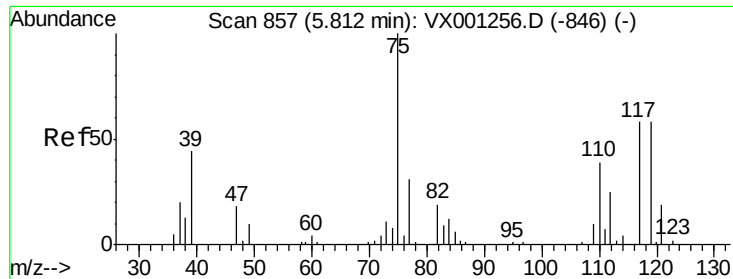
Ion Ratio Lower Upper

114 100

63 19.2 15.0 22.4

88 14.5 11.8 17.8





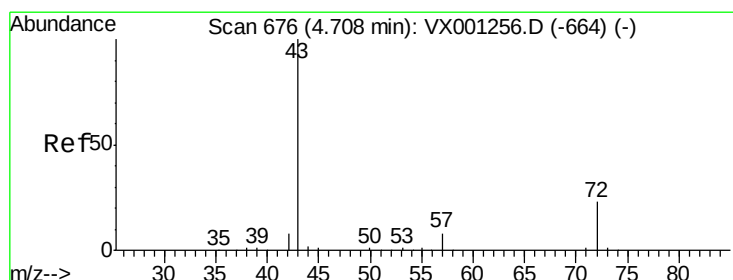
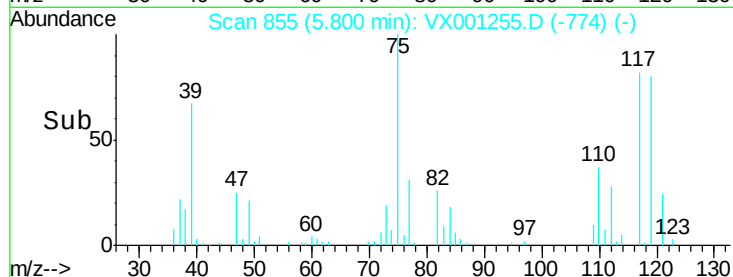
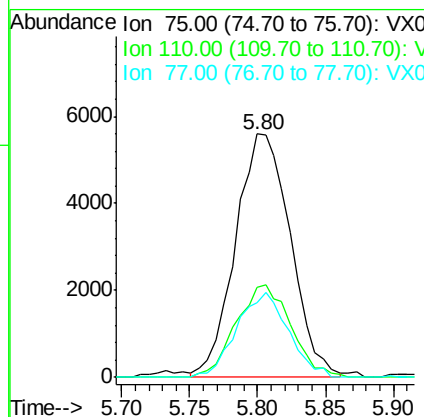
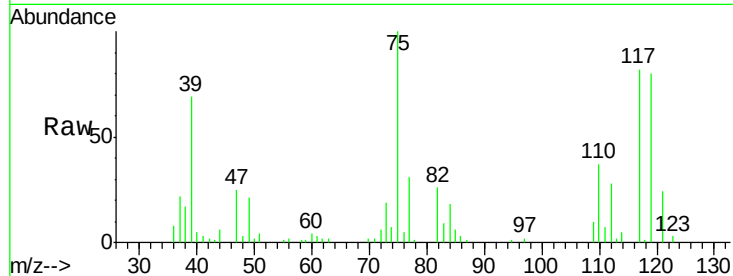
#29
 1,1-Dichloropropene
 Concen: 5.12 ug/l
 RT: 5.80 min Scan# 855
 Delta R.T. -0.01 min
 Lab File: VX001255.D
 Acq: 30 Apr 2018 10:36

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Tot Ion	Ratio	Lower	Upper
75	100		
110	37.9	0.0	75.6
77	32.8	0.0	62.6

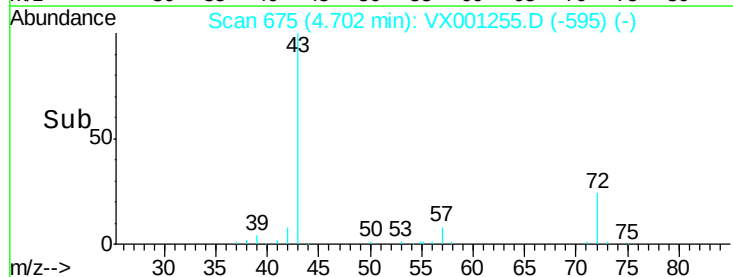
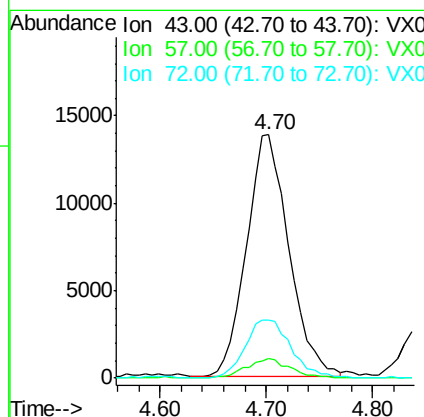
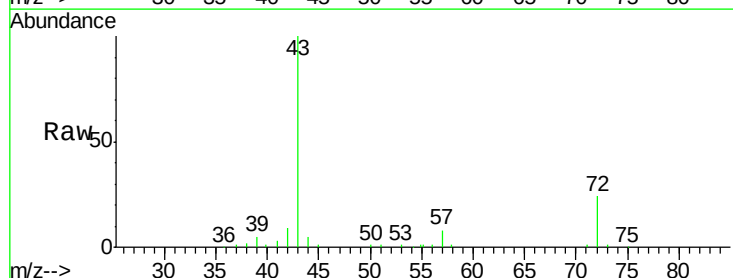
Manual Integrations
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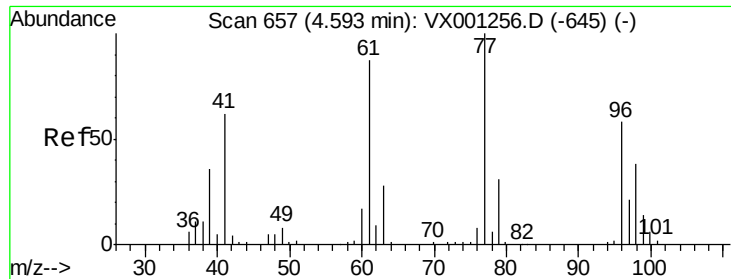
MMDadoda
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#30
 2-Butanone
 Concen: 16.38 ug/l
 RT: 4.70 min Scan# 675
 Delta R.T. -0.01 min
 Lab File: VX001255.D
 Acq: 30 Apr 2018 10:36

Tgt Ion	Ratio	Lower	Upper
43	100		
57	8.1	6.6	10.0
72	25.8	21.8	32.6





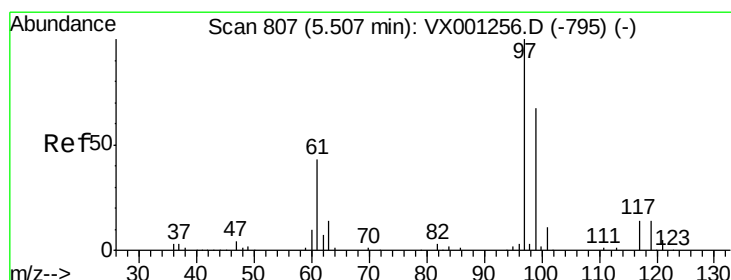
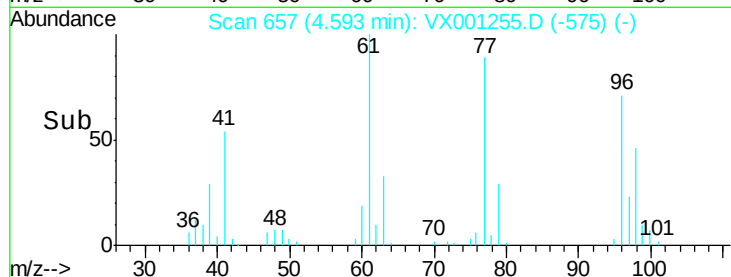
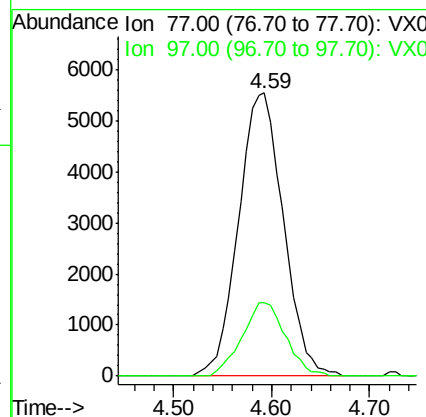
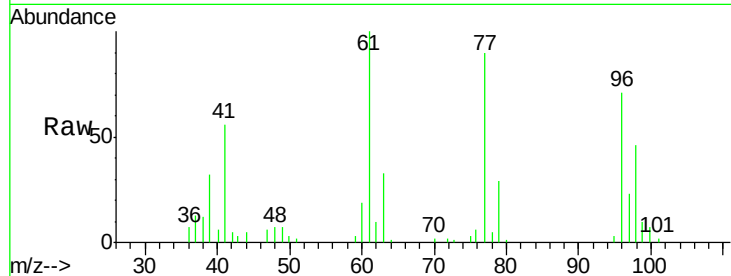
#31
 2,2-Dichloropropane
 Concen: 5.33 ug/l
 RT: 4.59 min Scan# 657
 Delta R.T. -0.00 min
 Lab File: VX001255.D
 Acq: 30 Apr 2018 10:36

Instrument :
 MSVOA_X
 ClientSampled :
 VSTDIC005

Tot Ion: 77 Resp: 17656
 Ion Ratio Lower Upper
 77 100
 97 25.3 18.6 27.8

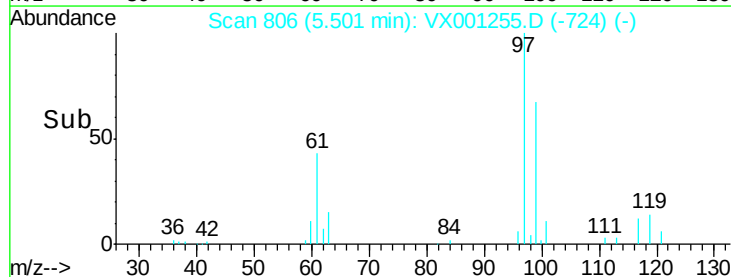
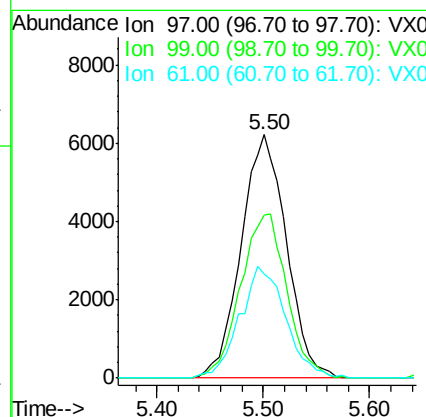
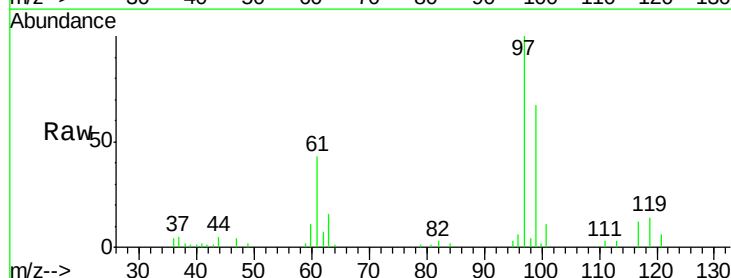
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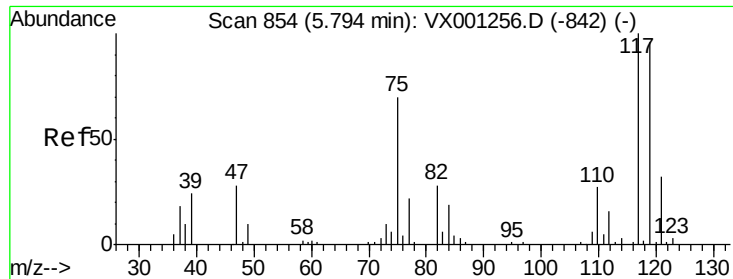
MMDadoda
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#32
 1,1,1-Trichloroethane
 Concen: 4.98 ug/l
 RT: 5.50 min Scan# 806
 Delta R.T. -0.00 min
 Lab File: VX001255.D
 Acq: 30 Apr 2018 10:36

Tgt Ion: 97 Resp: 18562
 Ion Ratio Lower Upper
 97 100
 99 68.7 52.3 78.5
 61 46.5 34.3 51.5





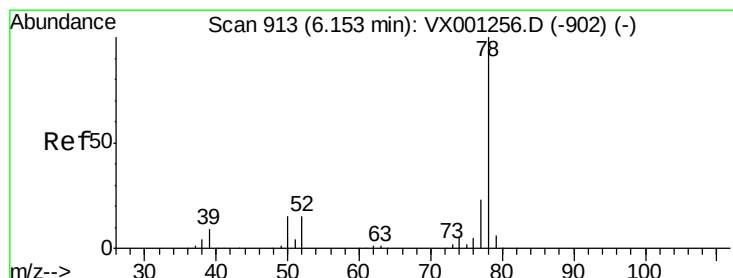
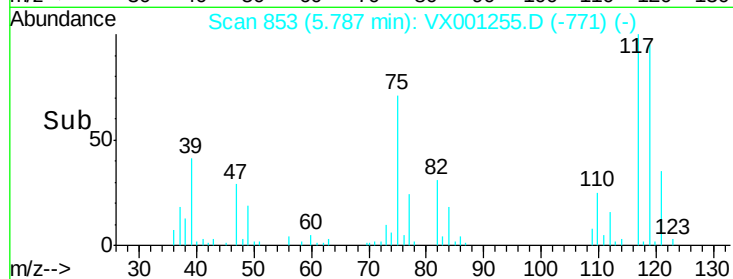
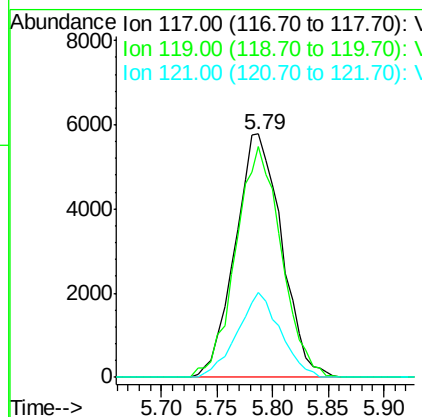
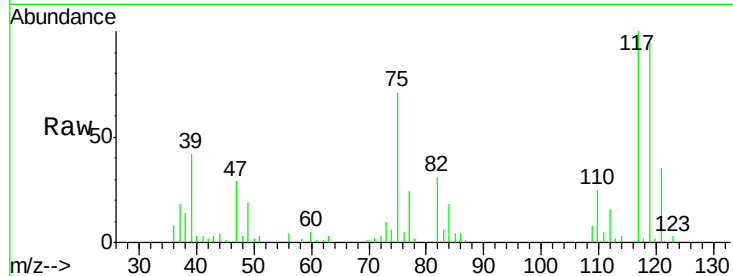
#33
Carbon Tetrachloride
Concen: 5.07 ug/l
RT: 5.79 min Scan# 853
Delta R.T. -0.00 min
Lab File: VX001255.D
Acq: 30 Apr 2018 10:36

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
117	100		
119	94.7	73.5	110.3
121	35.0	24.6	37.0

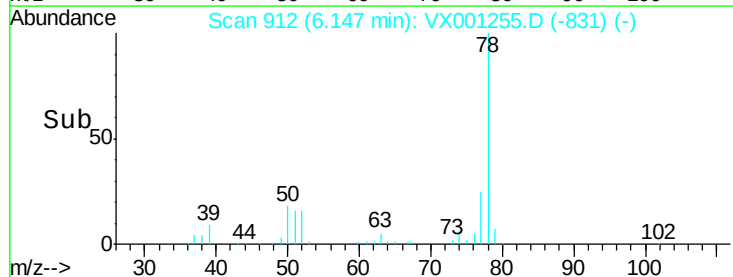
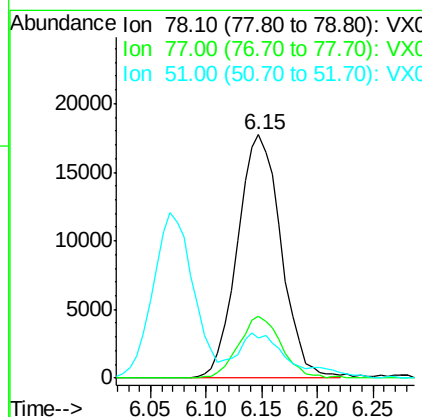
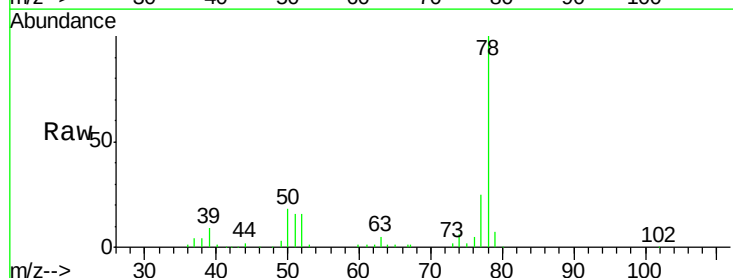
Manual Integrations
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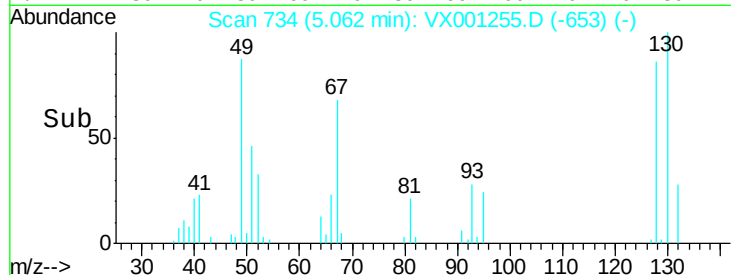
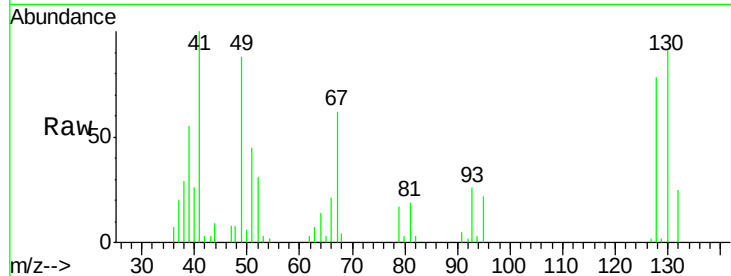
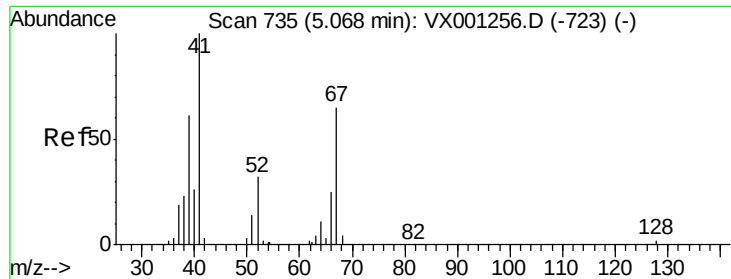
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#34
Benzene
Concen: 5.44 ug/l
RT: 6.15 min Scan# 912
Delta R.T. -0.01 min
Lab File: VX001255.D
Acq: 30 Apr 2018 10:36

Tgt Ion	Ratio	Lower	Upper
78	100		
77	25.4	21.7	32.5
51	13.9	14.9	22.3#





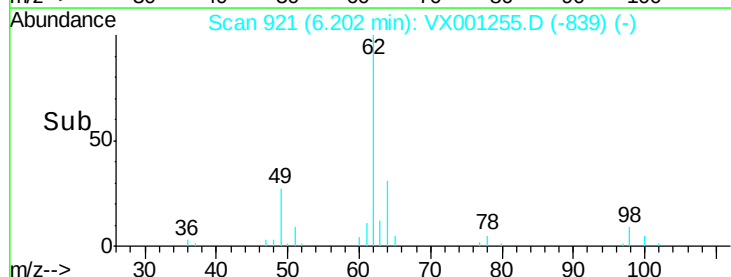
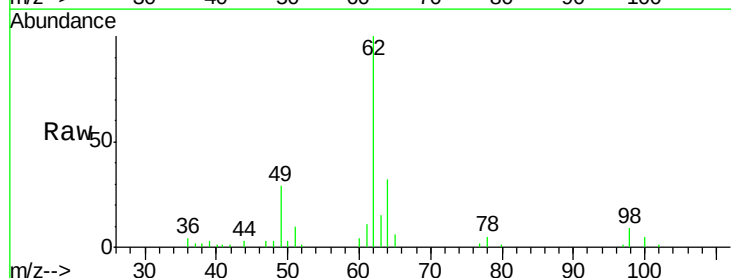
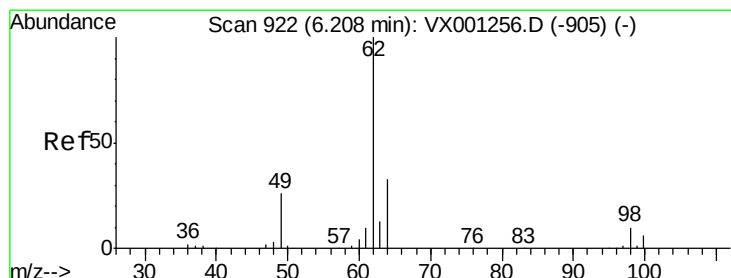
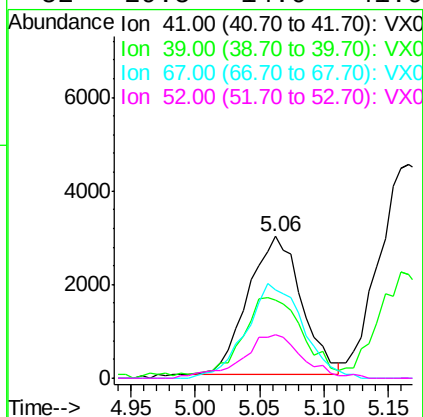
#35
Methacrylonitrile
Concen: 3.92 ug/l
RT: 5.06 min Scan# 734
Delta R.T. -0.01 min
Lab File: VX001255.D
Acq: 30 Apr 2018 10:36

Tot Ion	41	Resp	8571
Ion Ratio	Lower	Upper	
41	100		
39	53.0	29.8	89.3
67	63.6	28.7	86.3
52	29.5	14.0	41.9

Instrument :
MSVOA_X
ClientSampled :
VSTDIC005

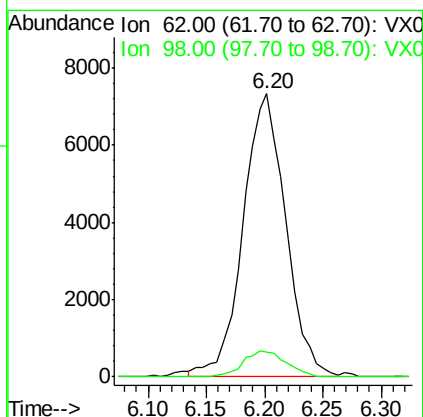
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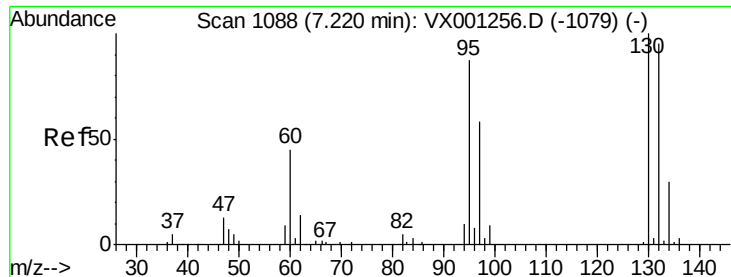
MMDadoda
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#36
1,2-Dichloroethane
Concen: 5.58 ug/l
RT: 6.20 min Scan# 921
Delta R.T. -0.00 min
Lab File: VX001255.D
Acq: 30 Apr 2018 10:36

Tgt Ion	62	Resp	18752
Ion Ratio	Lower	Upper	
62	100		
98	9.3	6.9	10.3





#37

Trichloroethene

Concen: 5.85 ug/l

RT: 7.22 min Scan# 1088

Delta R.T. -0.00 min

Lab File: VX001255.D

Acq: 30 Apr 2018 10:36

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tot Ion:130 Resp: 15340

Ion Ratio Lower Upper

130 100

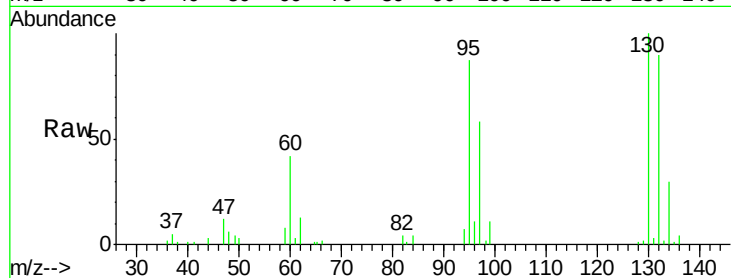
95 86.7 74.6 112.0

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Abundance Ion 129.90 (129.60 to 130.60): V

Ion 94.90 (94.60 to 95.60): VX0

7.22

8000

6000

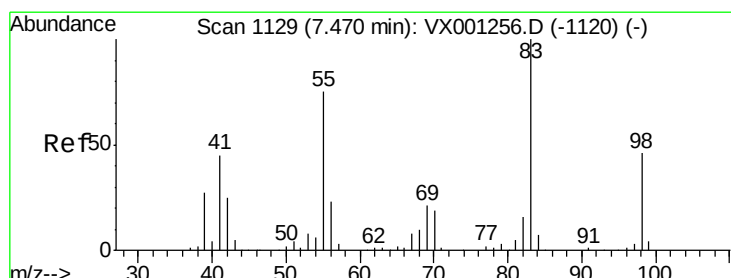
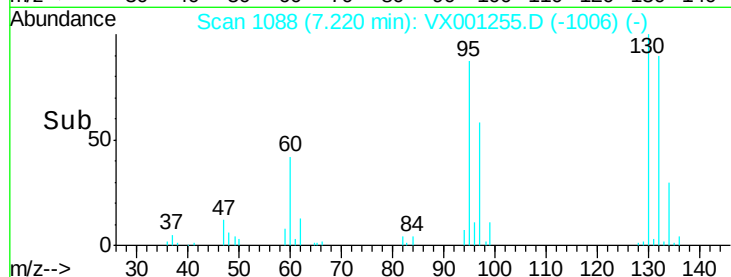
4000

2000

0

7.15 7.20 7.25 7.30

Time-->



#38

Methylcyclohexane

Concen: 5.13 ug/l

RT: 7.46 min Scan# 1128

Delta R.T. -0.01 min

Lab File: VX001255.D

Acq: 30 Apr 2018 10:36

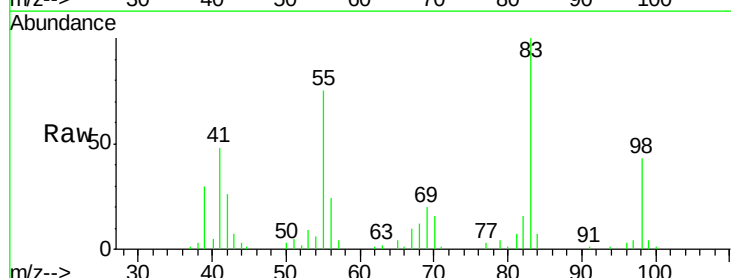
Tgt Ion: 83 Resp: 18966

Ion Ratio Lower Upper

83 100

55 76.3 35.9 107.7

98 46.1 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

12000

10000

8000

6000

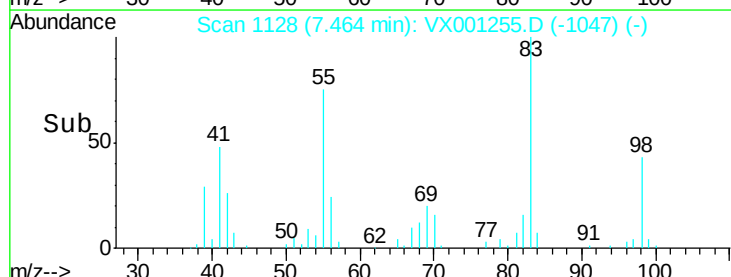
4000

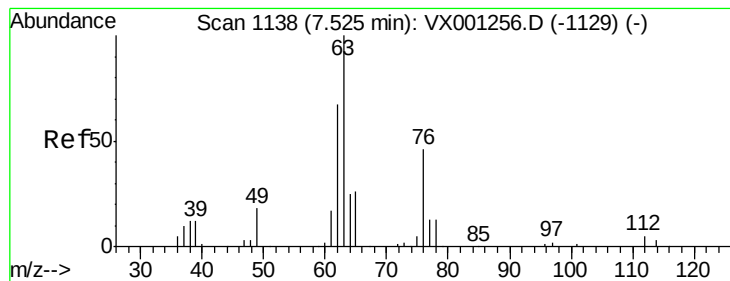
2000

0

7.40 7.45 7.50 7.55

Time-->





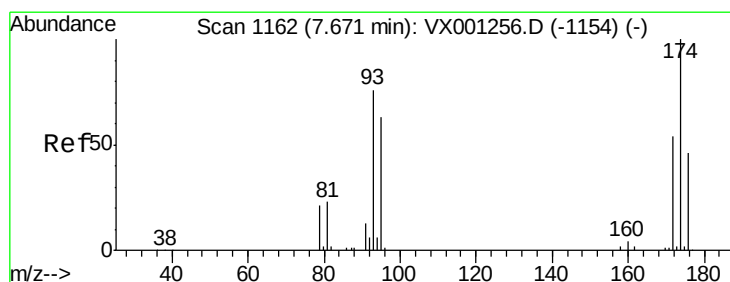
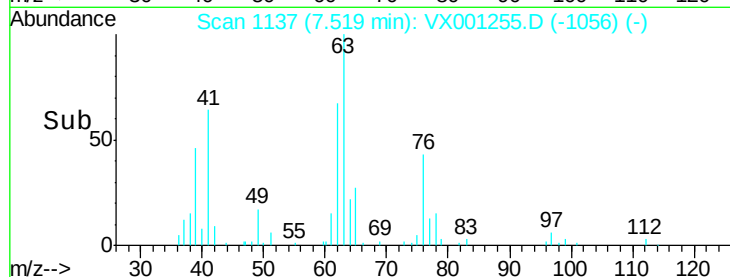
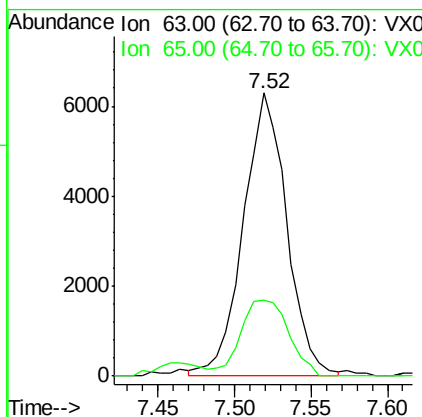
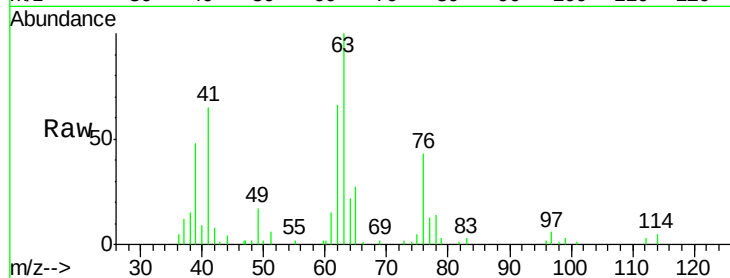
#39
 1,2-Dichloropropane
 Concen: 5.61 ug/l
 RT: 7.52 min Scan# 1137
 Delta R.T. -0.01 min
 Lab File: VX001255.D
 Acq: 30 Apr 2018 10:36

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Tot Ion: 63 Resp: 12424
 Ion Ratio Lower Upper
 63 100
 65 27.2 25.0 37.6

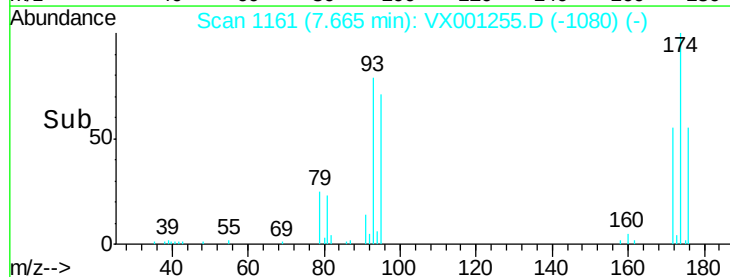
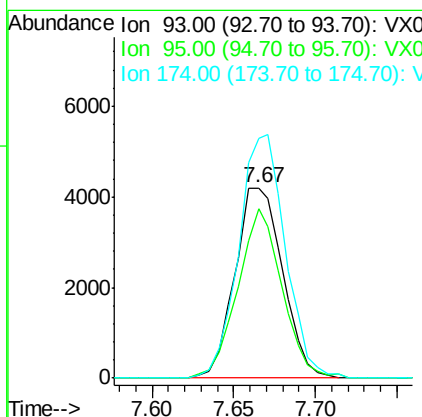
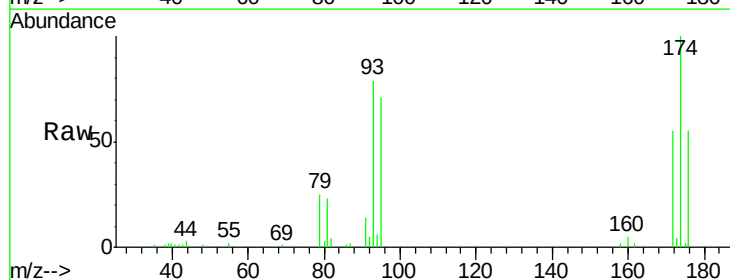
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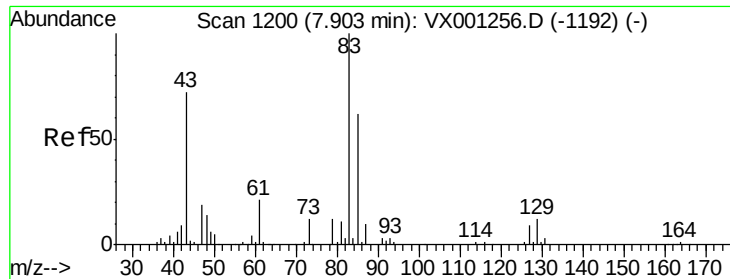
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#40
 Dibromomethane
 Concen: 5.01 ug/l
 RT: 7.67 min Scan# 1161
 Delta R.T. -0.01 min
 Lab File: VX001255.D
 Acq: 30 Apr 2018 10:36

Tgt Ion: 93 Resp: 8539
 Ion Ratio Lower Upper
 93 100
 95 82.8 0.0 170.6
 174 125.0 0.0 210.4





#41

Bromodichloromethane

Concen: 4.59 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. -0.00 min

Lab File: VX001255.D

Acq: 30 Apr 2018 10:36

Instrument :

MSVOA_X

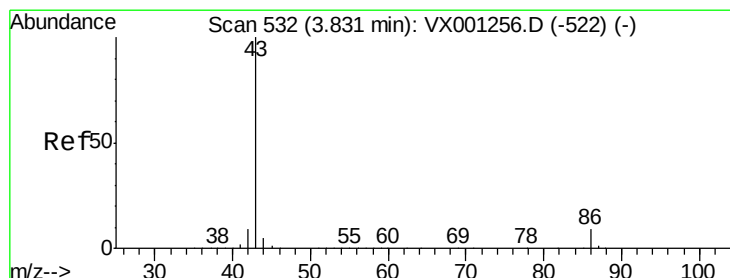
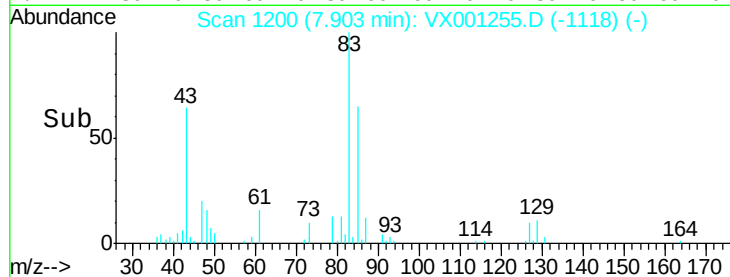
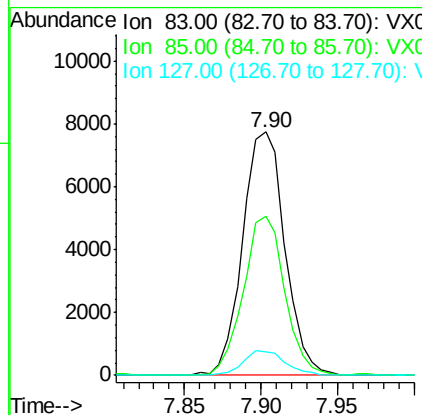
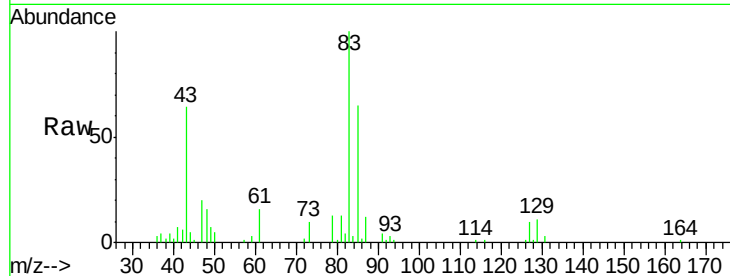
ClientSampleId :

VSTDIC005

Tot Ion:	83	Resp:	14885
Ion Ratio	Lower	Upper	
83	100		
85	65.1	50.0	75.0
127	9.8	6.6	10.0

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#42

Vinyl Acetate

Concen: 25.54 ug/l

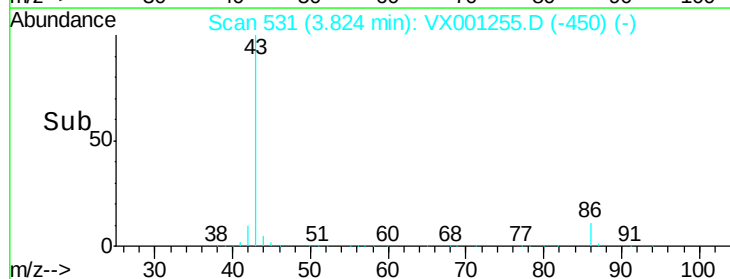
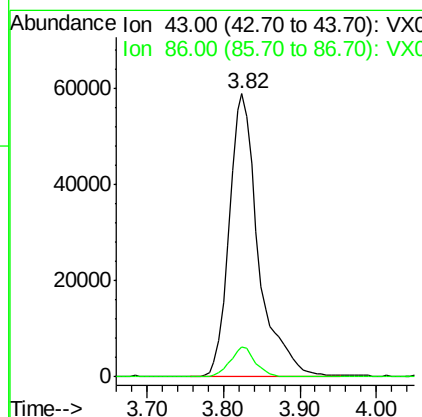
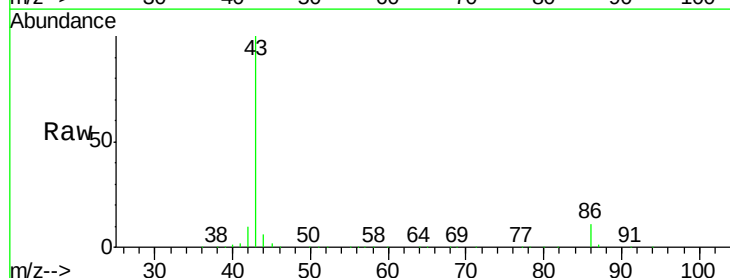
RT: 3.82 min Scan# 531

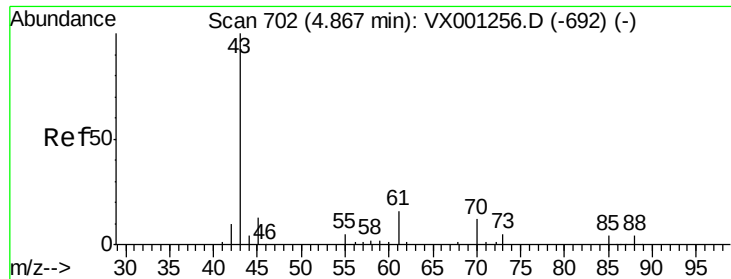
Delta R.T. -0.01 min

Lab File: VX001255.D

Acq: 30 Apr 2018 10:36

Tgt Ion:	43	Resp:	154404
Ion Ratio	Lower	Upper	
43	100		
86	9.2	7.8	11.6





#43

Ethyl Acetate

Concen: 3.61 ug/l

RT: 4.85 min Scan# 700

Delta R.T. -0.01 min

Lab File: VX001255.D

Acq: 30 Apr 2018 10:36

Tot Ion: 43 Resp: 15024

Ion Ratio Lower Upper

43 100

45 16.5 11.4 17.0

Instrument :

MSVOA_X

ClientSampleId :

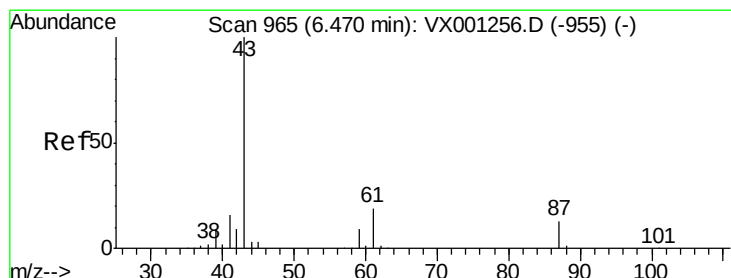
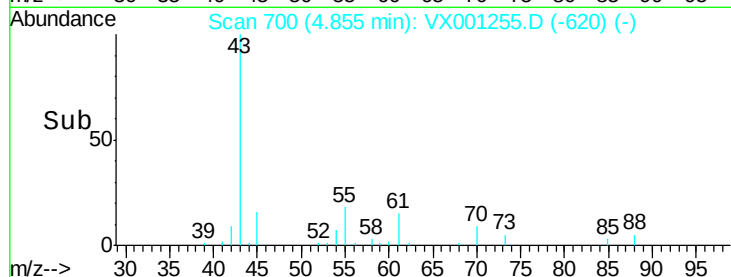
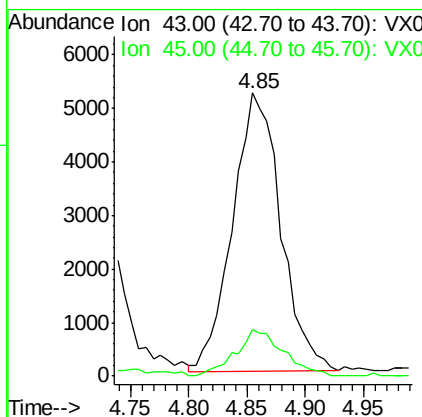
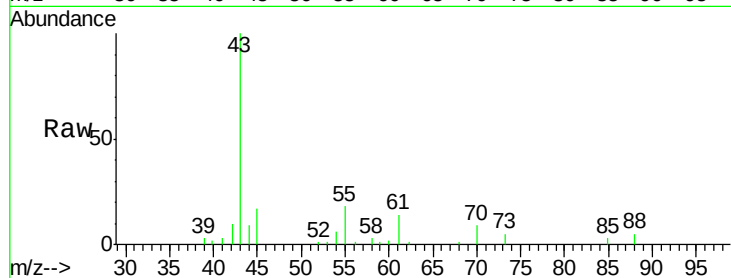
VSTDIC005

Manual Integrations

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#44

Isopropyl Acetate

Concen: 4.03 ug/l

RT: 6.46 min Scan# 964

Delta R.T. -0.01 min

Lab File: VX001255.D

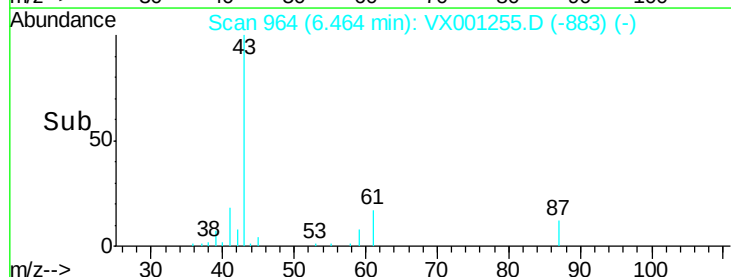
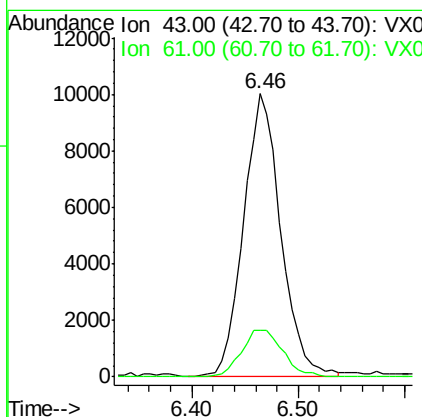
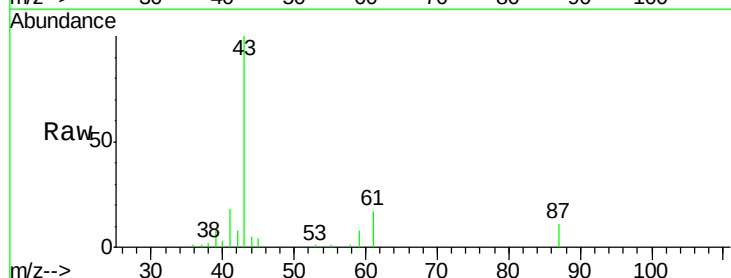
Acq: 30 Apr 2018 10:36

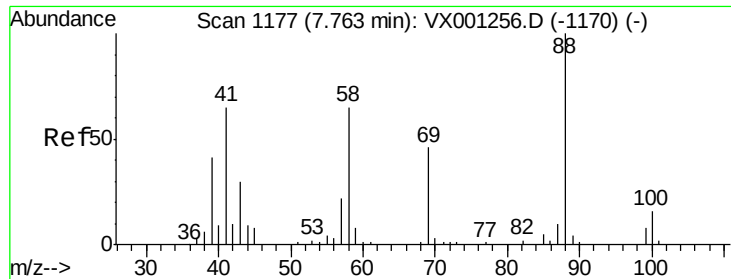
Tgt Ion: 43 Resp: 24656

Ion Ratio Lower Upper

43 100

61 18.3 15.7 23.5





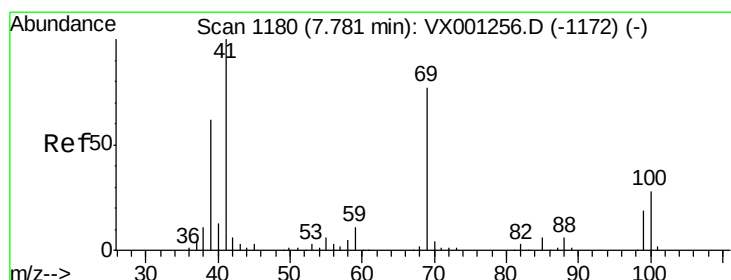
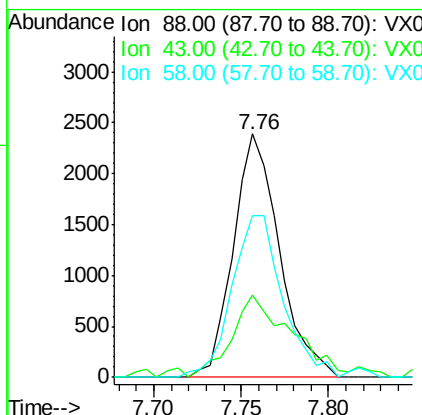
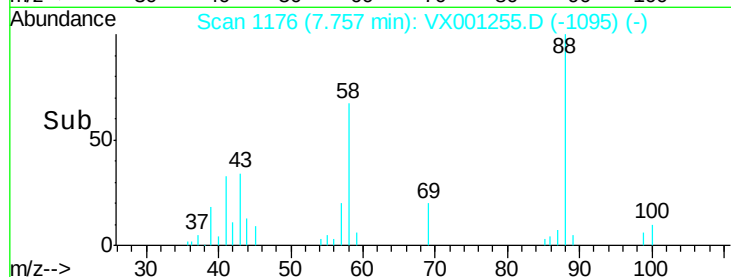
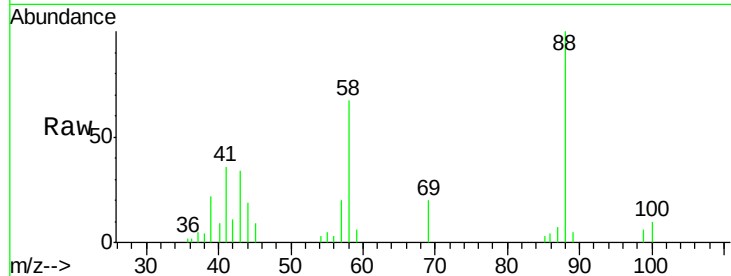
#45
1,4-Dioxane
Concen: 57.24 ug/l
RT: 7.76 min Scan# 1176
Delta R.T. -0.01 min
Lab File: VX001255.D
Acq: 30 Apr 2018 10:36

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
88	100		
43	43.7	26.8	40.2#
58	73.2	52.1	78.1

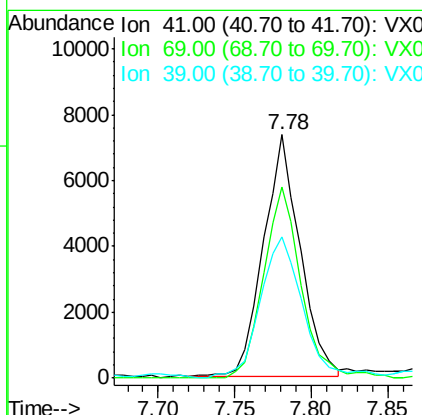
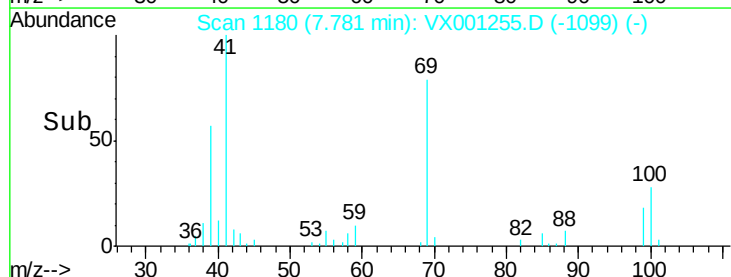
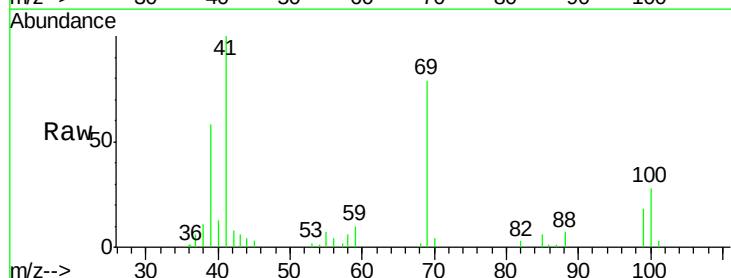
Manual Integrations
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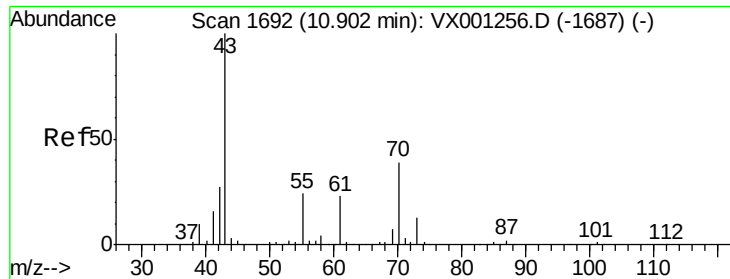
MMDadoda
5/2/2018 11:08:01 AM



#46
Methyl methacrylate
Concen: 4.12 ug/l
RT: 7.78 min Scan# 1180
Delta R.T. -0.01 min
Lab File: VX001255.D
Acq: 30 Apr 2018 10:36

Tgt Ion	Ratio	Lower	Upper
41	100		
69	79.4	45.5	136.5
39	57.9	32.5	97.5





#47

n-amvl Acetate

Concen: 3.84 ug/l

RT: 10.90 min Scan# 1692

Delta R.T. -0.00 min

Lab File: VX001255.D

Acq: 30 Apr 2018 10:36

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tot Ion: 43 Resp: 20495

Ion Ratio Lower Upper

43 100

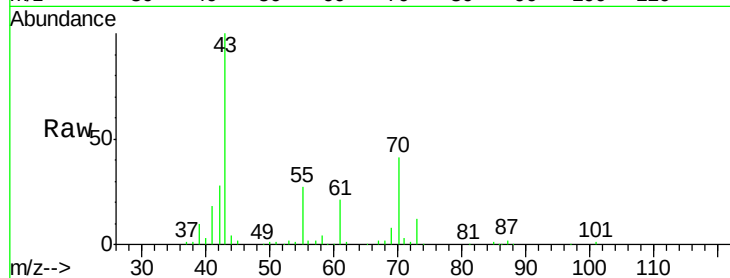
55 27.6 19.4 29.2

Manual Integrations

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

10.90

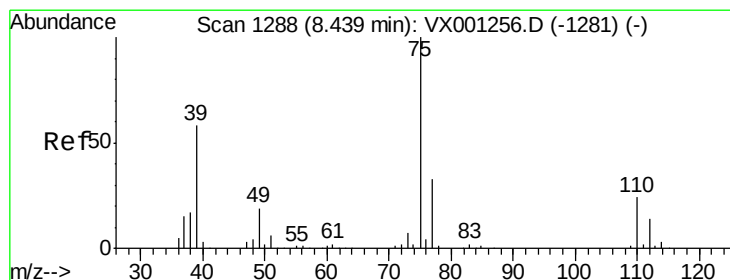
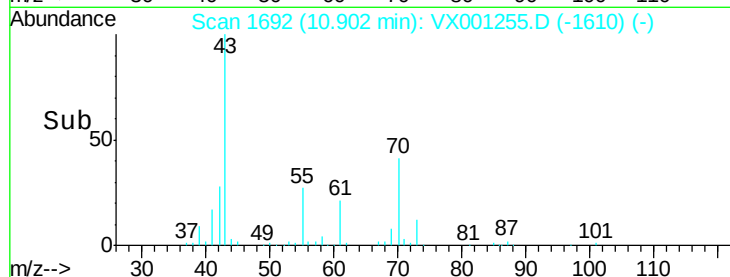
15000

10000

5000

0

Time-->



#48

t-1,3-Dichloropropene

Concen: 4.43 ug/l

RT: 8.44 min Scan# 1288

Delta R.T. -0.01 min

Lab File: VX001255.D

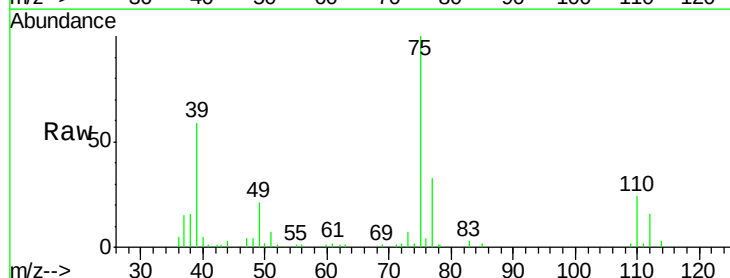
Acq: 30 Apr 2018 10:36

Tgt Ion: 75 Resp: 16719

Ion Ratio Lower Upper

75 100

77 32.5 24.6 37.0



Abundance Ion 75.00 (74.70 to 75.70): VX0

Ion 77.00 (76.70 to 77.70): VX0

8.44

12000

10000

8000

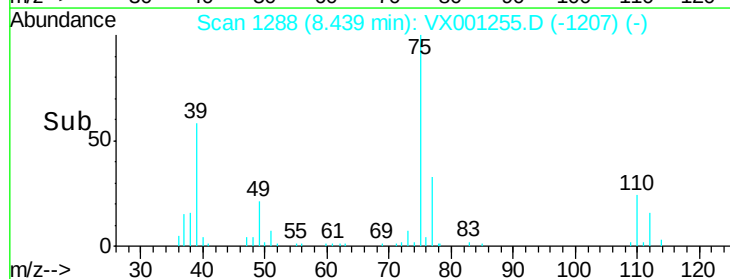
6000

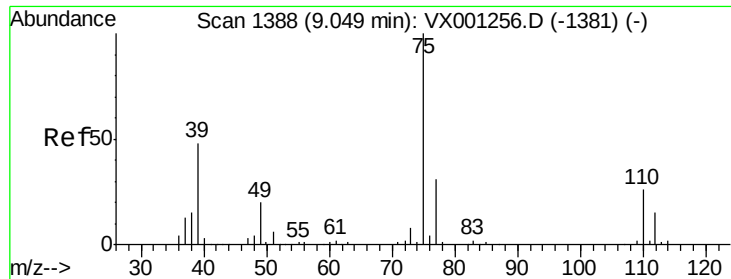
4000

2000

0

Time-->





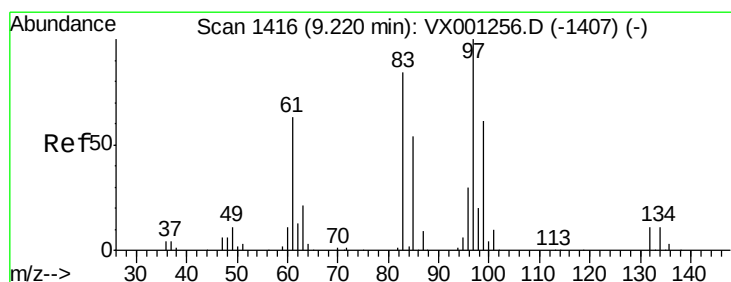
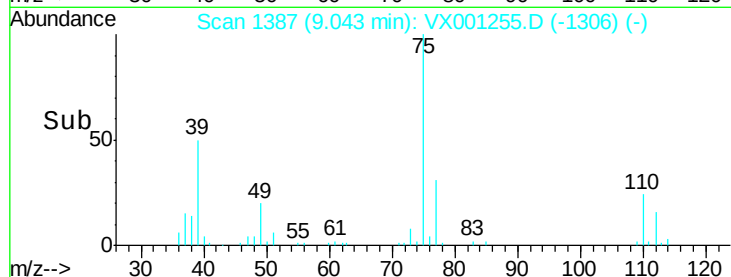
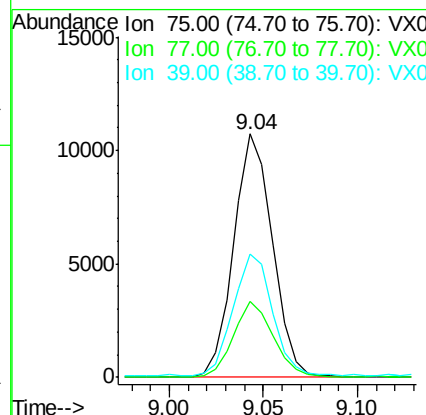
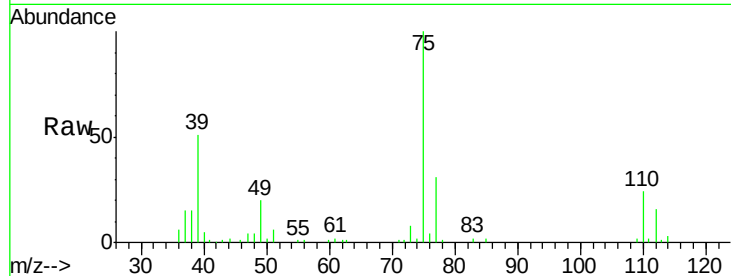
#49
 cis-1,3-Dichloropropene
 Concen: 4.18 ug/l
 RT: 9.04 min Scan# 1387
 Delta R.T. -0.01 min
 Lab File: VX001255.D
 Acq: 30 Apr 2018 10:36

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Tot Ion	Ratio	Lower	Upper
75	100		
77	31.0	24.5	36.7
39	50.0	35.6	53.4

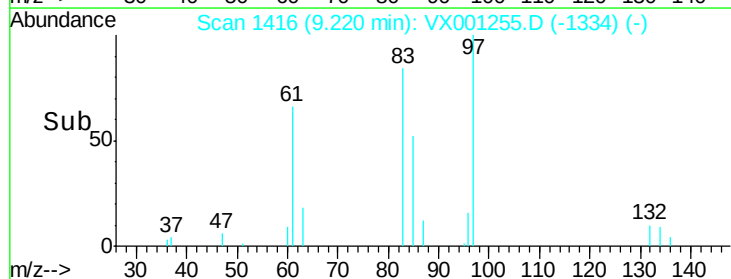
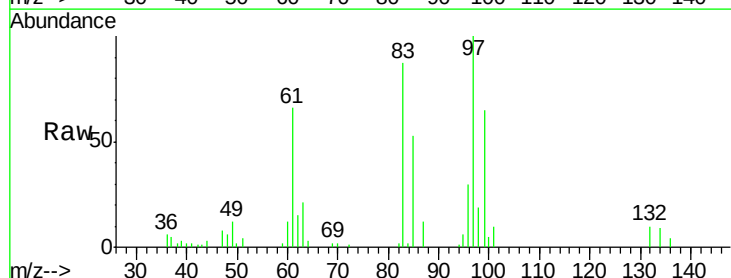
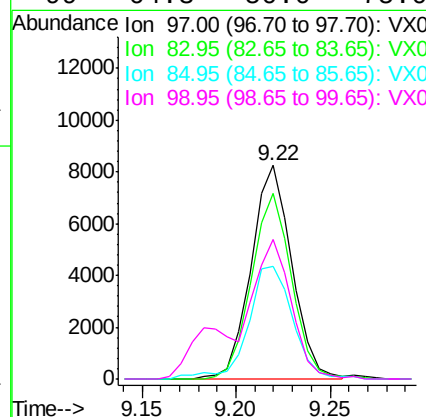
Manual Integrations
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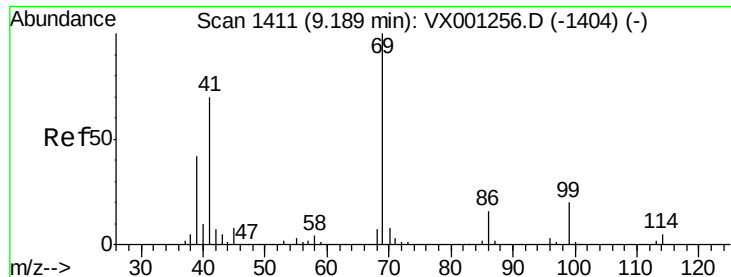
MMDadoda
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#50
 1,1,2-Trichloroethane
 Concen: 4.92 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. -0.00 min
 Lab File: VX001255.D
 Acq: 30 Apr 2018 10:36

Tgt Ion	Ratio	Lower	Upper
97	100		
83	86.8	66.9	100.3
85	51.9	44.4	66.6
99	64.3	50.0	75.0





#51

Ethyl methacrylate

Concen: 4.03 ug/l

RT: 9.18 min Scan# 1410

Delta R.T. -0.01 min

Lab File: VX001255.D

Acq: 30 Apr 2018 10:36

Instrument :

MSVOA_X

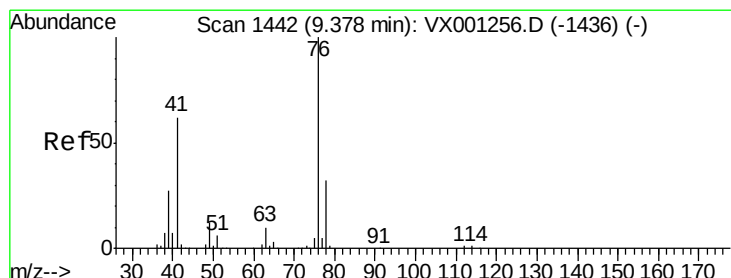
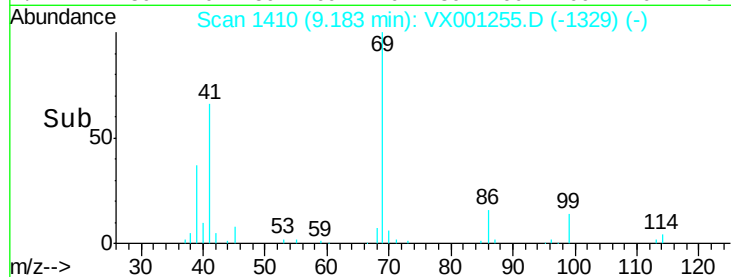
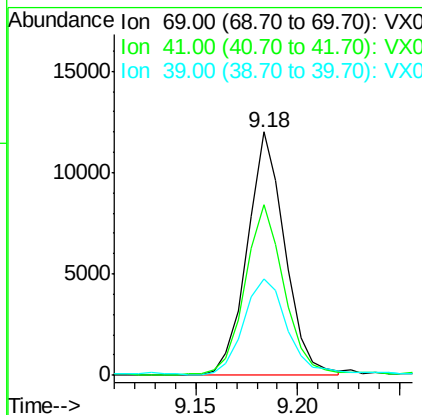
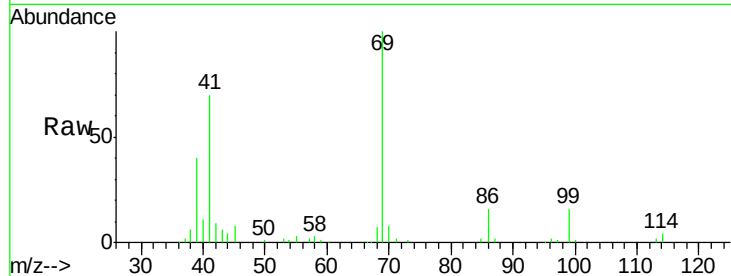
ClientSampleId :

VSTDIC005

Tot Ion:	69	Resp:	15447
Ion Ratio	Lower	Upper	
69	100		
41	69.3	32.1	96.3
39	39.7	19.6	58.7

Manual Integrations
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#52

1,3-Dichloropropane

Concen: 4.99 ug/l

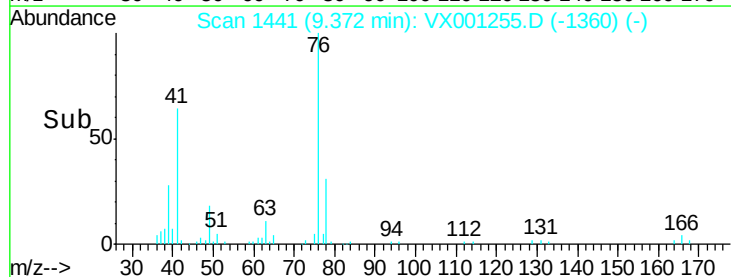
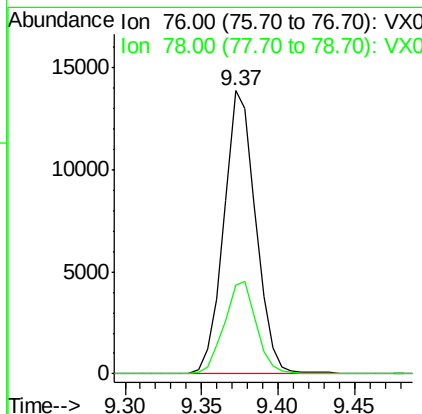
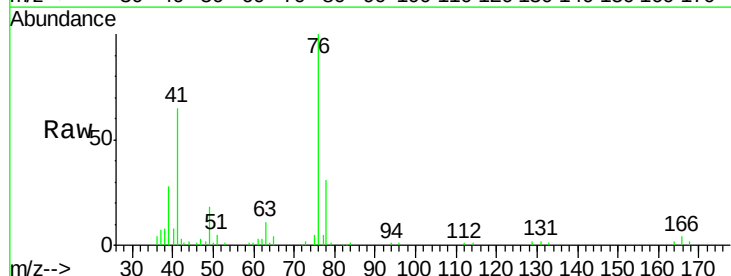
RT: 9.37 min Scan# 1441

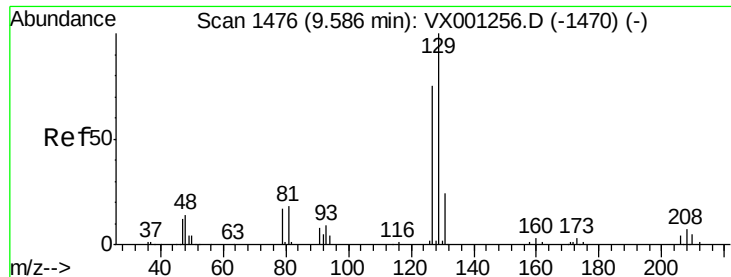
Delta R.T. -0.01 min

Lab File: VX001255.D

Acq: 30 Apr 2018 10:36

Tgt Ion:	76	Resp:	20032
Ion Ratio	Lower	Upper	
76	100		
78	33.0	0.0	65.0





#53

Dibromochloromethane

Concen: 4.30 ug/l

RT: 9.59 min Scan# 1476

Delta R.T. -0.01 min

Lab File: VX001255.D

Acq: 30 Apr 2018 10:36

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tot Ion:129 Resp: 11973

Ion Ratio Lower Upper

129 100

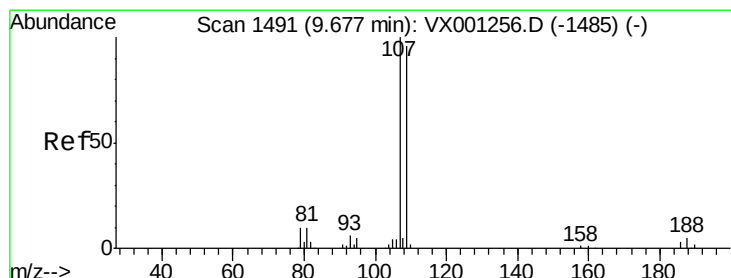
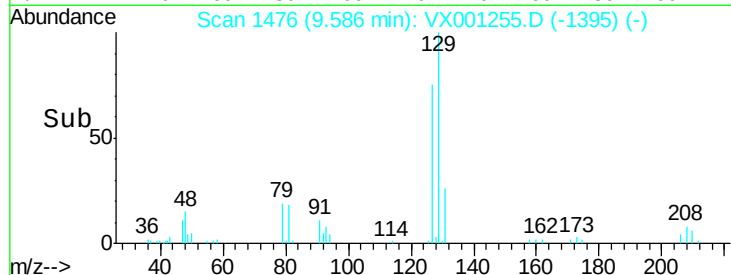
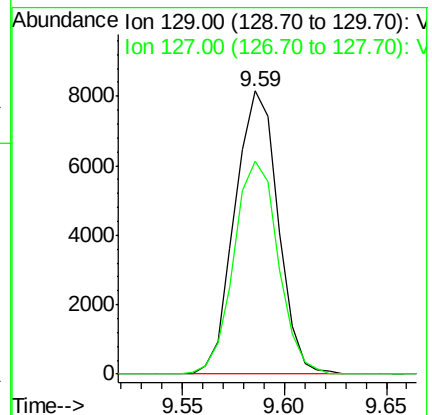
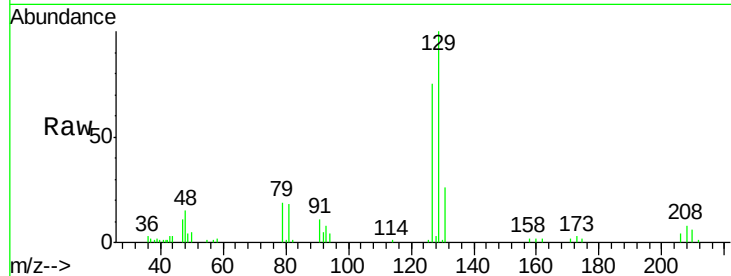
127 77.1 37.5 112.5

Manual Integrations

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#54

1,2-Dibromoethane

Concen: 4.66 ug/l

RT: 9.67 min Scan# 1490

Delta R.T. -0.01 min

Lab File: VX001255.D

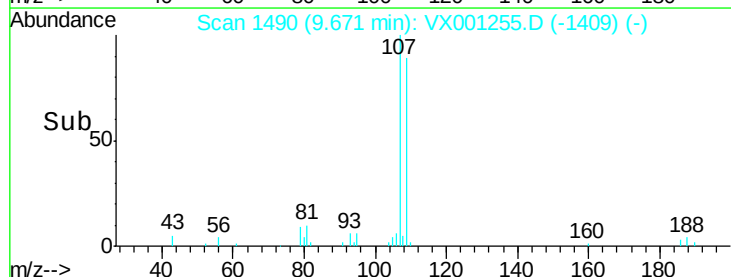
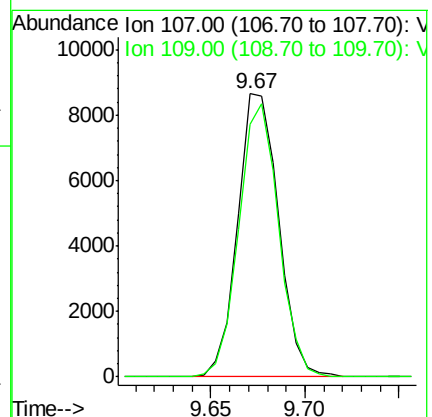
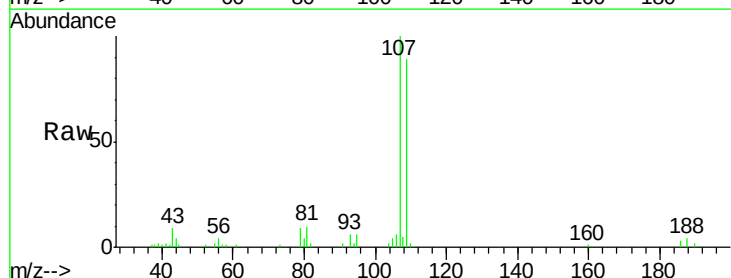
Acq: 30 Apr 2018 10:36

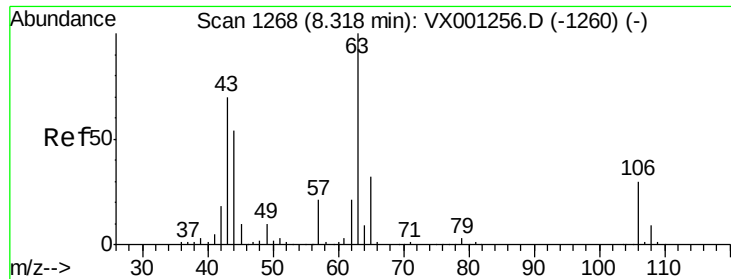
Tgt Ion:107 Resp: 13022

Ion Ratio Lower Upper

107 100

109 93.6 74.5 111.7





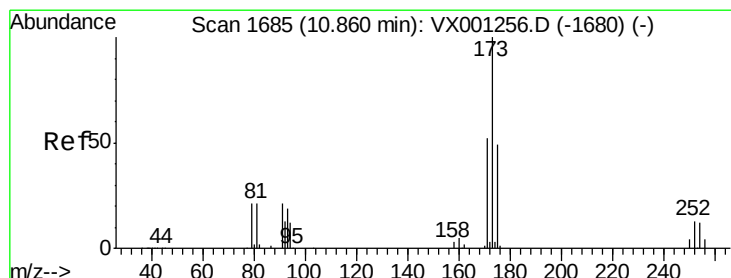
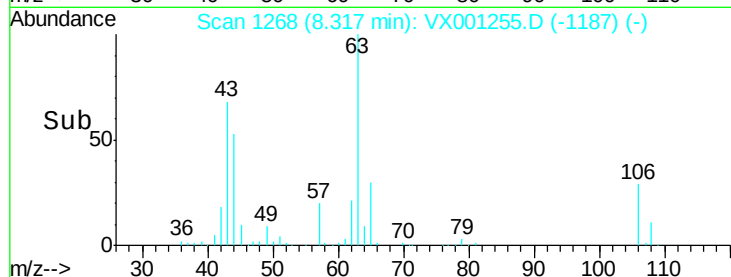
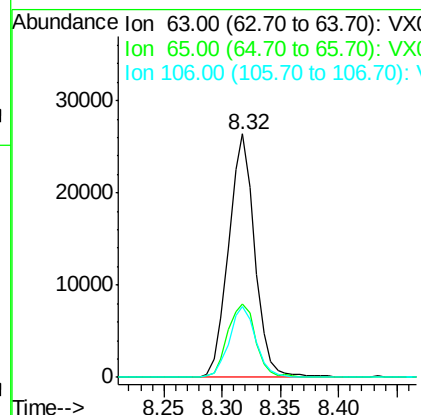
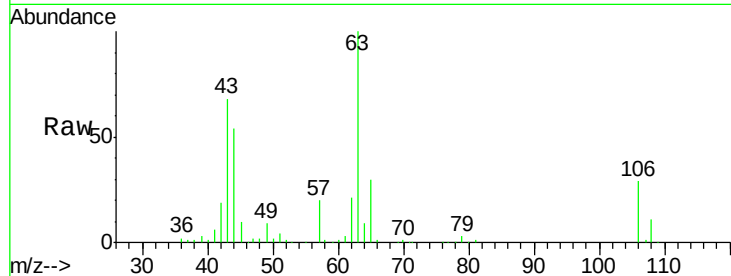
#55
2-Chloroethyl vinyl ether
Concen: 24.61 ug/l
RT: 8.32 min Scan# 1268
Delta R.T. -0.01 min
Lab File: VX001255.D
Acq: 30 Apr 2018 10:36

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
63	100		
65	32.2	25.8	38.8
106	29.6	23.8	35.6

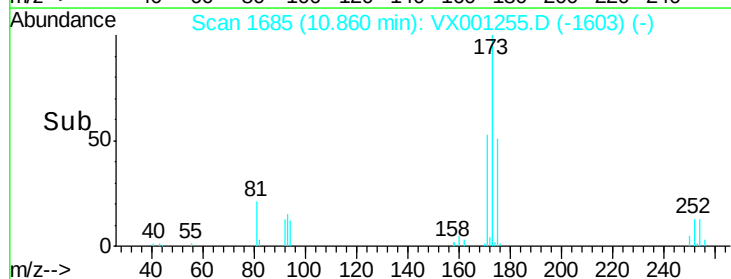
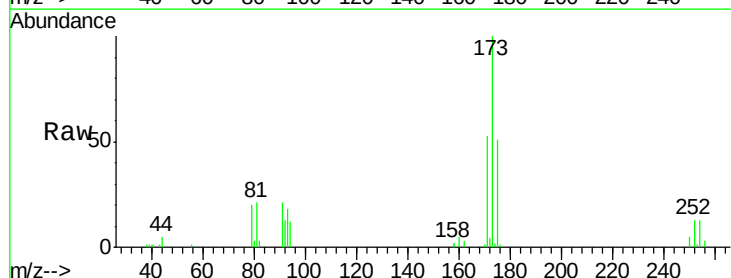
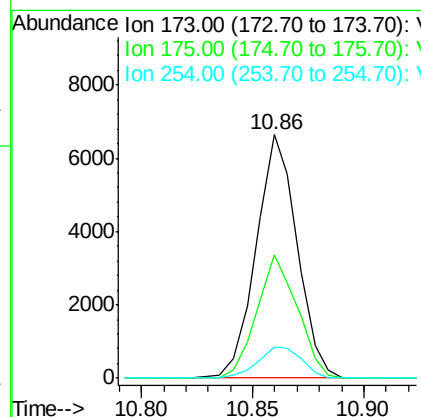
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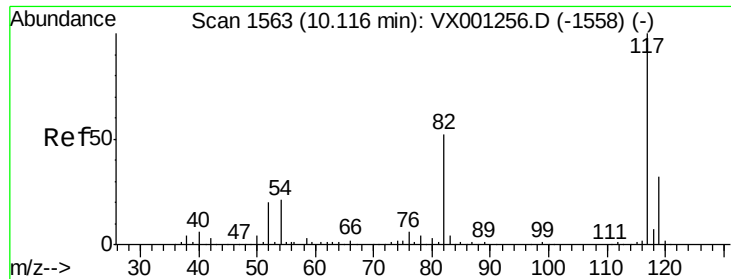
MMDadoda
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#56
Bromoform
Concen: 3.76 ug/l
RT: 10.86 min Scan# 1685
Delta R.T. -0.00 min
Lab File: VX001255.D
Acq: 30 Apr 2018 10:36

Tgt Ion	Ratio	Lower	Upper
173	100		
175	50.1	39.0	58.4
254	13.5	7.0	10.4





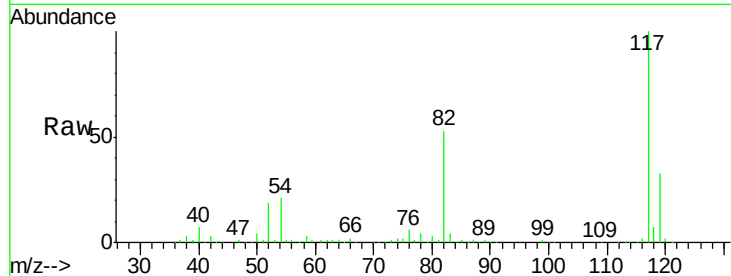
#57
Chlorobenzene-d5
Concen: 30.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX001255.D
Acq: 30 Apr 2018 10:36

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
117	100		
82	52.3	43.0	64.4
119	32.5	25.8	38.8

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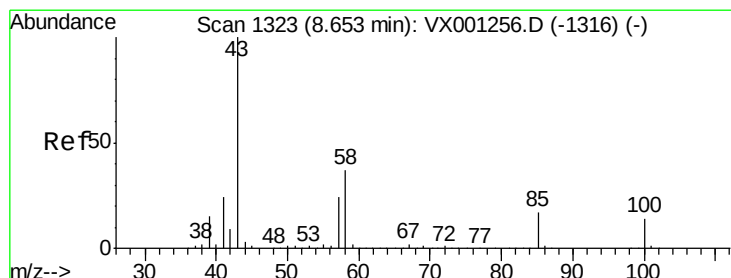
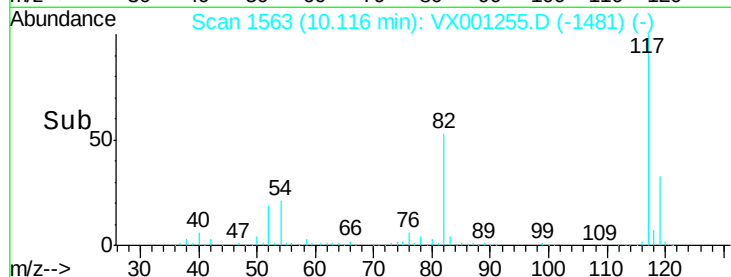
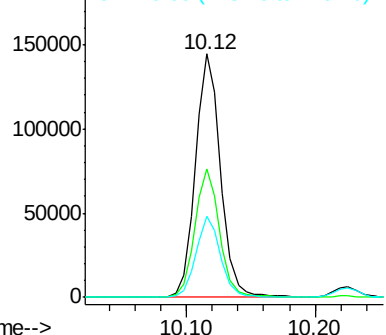


Abundance

Ion 117.00 (116.70 to 117.70): V

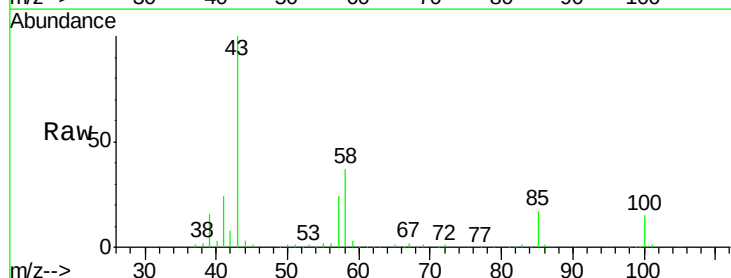
Ion 82.00 (81.70 to 82.70): VX0

Ion 119.00 (118.70 to 119.70): V



#58
4-Methyl-2-Pentanone
Concen: 16.62 ug/l
RT: 8.65 min Scan# 1323
Delta R.T. -0.01 min
Lab File: VX001255.D
Acq: 30 Apr 2018 10:36

Tgt Ion	Ratio	Lower	Upper
43	100		
58	37.5	29.8	44.8
85	17.8	14.9	22.3

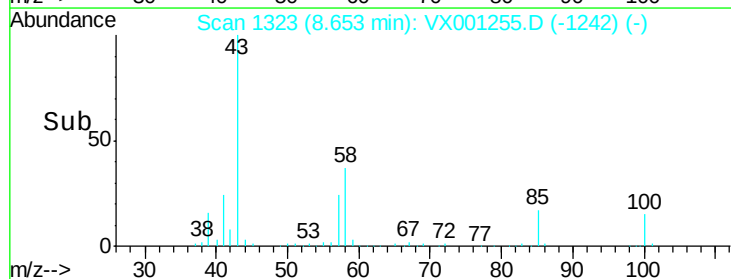
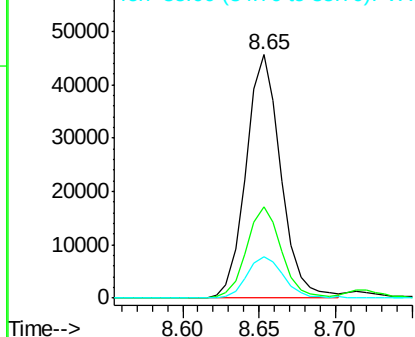


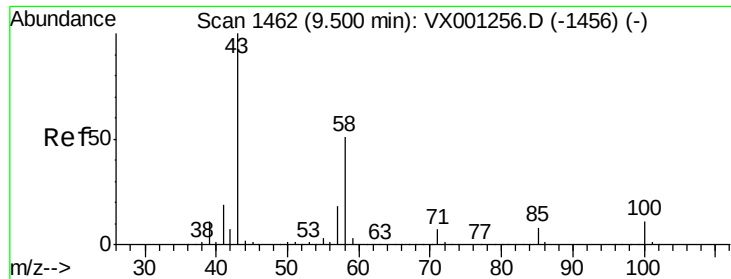
Abundance

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

Ion 85.00 (84.70 to 85.70): VX0





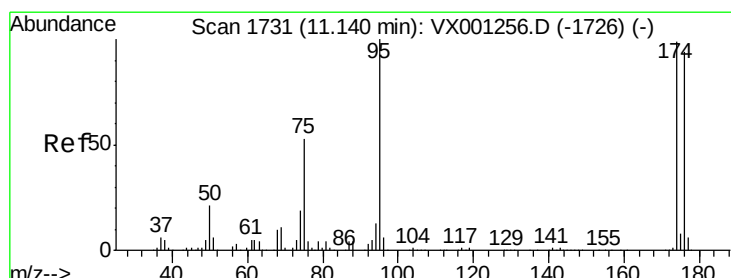
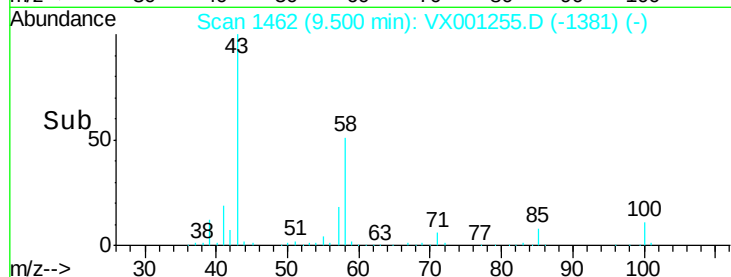
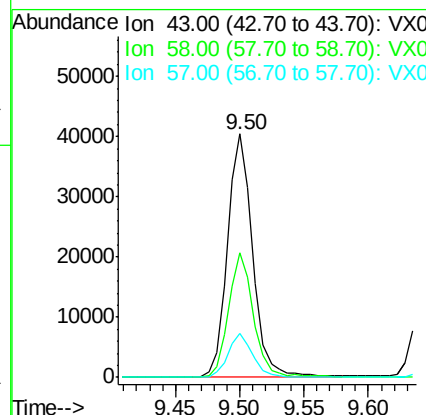
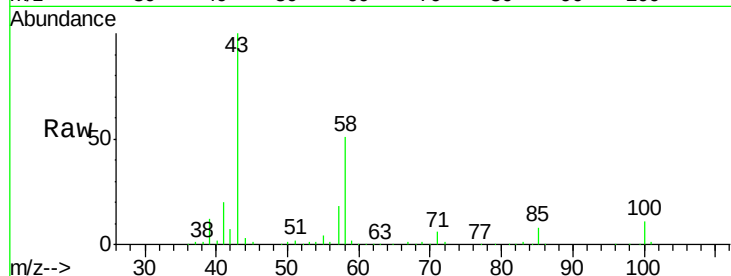
#59
2-Hexanone
Concen: 15.24 ug/l
RT: 9.50 min Scan# 1462
Delta R.T. -0.01 min
Lab File: VX001255.D
Acq: 30 Apr 2018 10:36

Instrument :
MSVOA_X
ClientSampled :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
43	100		
58	49.8	43.0	64.6
57	17.5	14.4	21.6

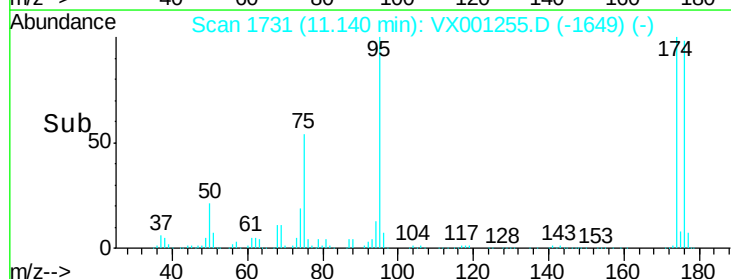
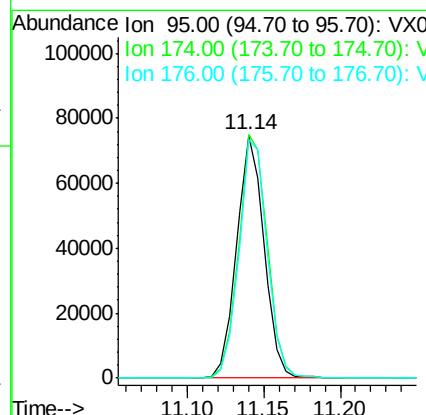
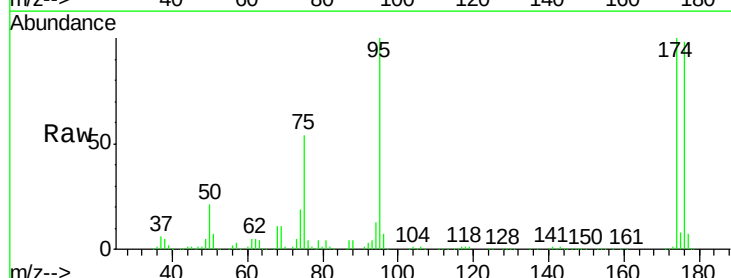
Manual Integrations
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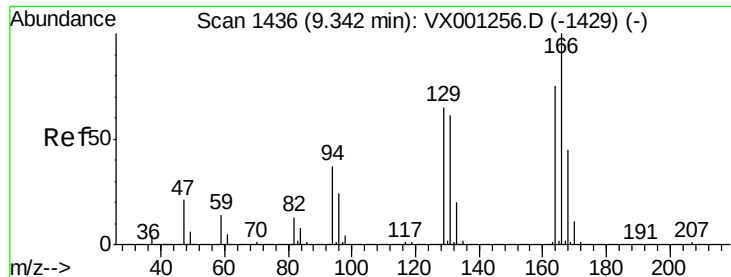
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#60
4-Bromofluorobenzene
Concen: 28.64 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. -0.00 min
Lab File: VX001255.D
Acq: 30 Apr 2018 10:36

Tgt Ion	Ratio	Lower	Upper
95	100		
174	104.4	71.1	106.7
176	101.0	69.3	103.9





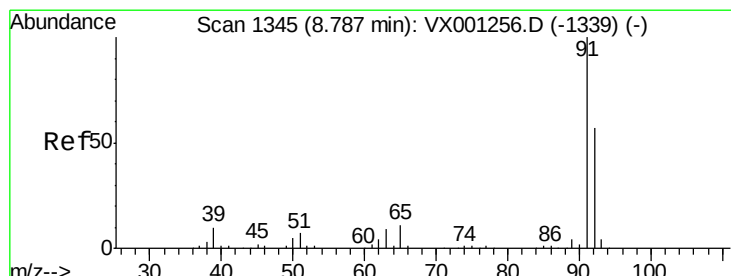
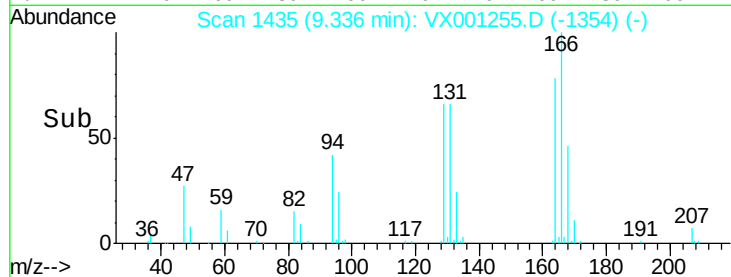
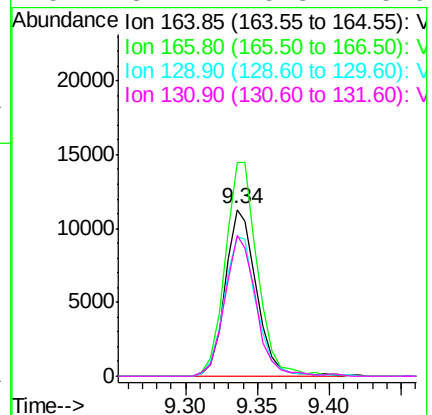
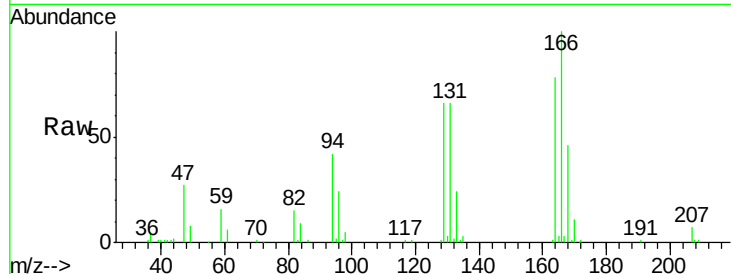
#61
 Tetrachloroethene
 Concen: 7.15 ug/l
 RT: 9.34 min Scan# 1435
 Delta R.T. -0.01 min
 Lab File: VX001255.D
 Acq: 30 Apr 2018 10:36

Instrument :
 MSVOA_X
 ClientSampled :
 VSTDIC005

Tot Ion:	164	Resp:	17197
Ion	Ratio	Lower	Upper
164	100		
166	128.2	99.0	148.4
129	84.0	77.0	115.6
131	84.7	75.8	113.6

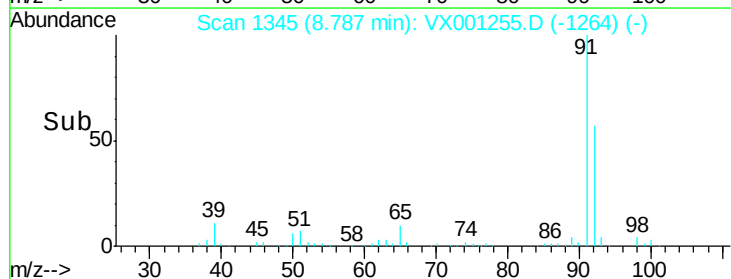
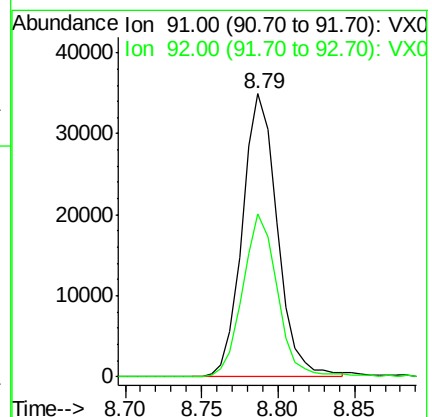
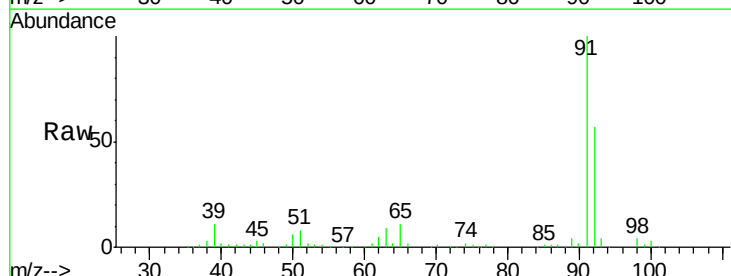
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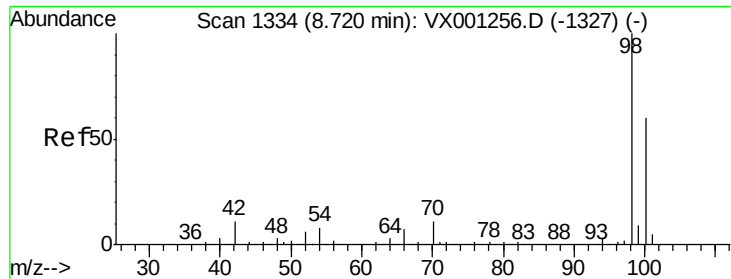
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#62
 Toluene
 Concen: 5.39 ug/l
 RT: 8.79 min Scan# 1345
 Delta R.T. -0.01 min
 Lab File: VX001255.D
 Acq: 30 Apr 2018 10:36

Tgt Ion:	91	Resp:	55512
Ion	Ratio	Lower	Upper
91	100		
92	57.1	45.4	68.0





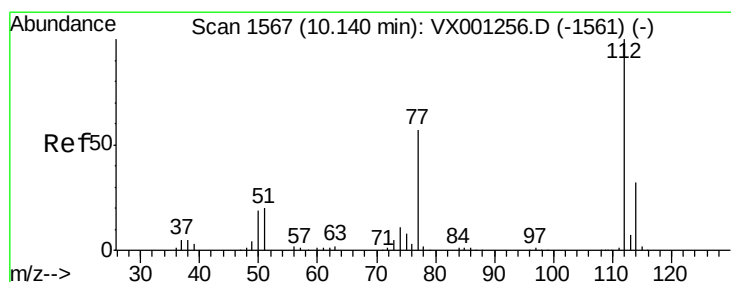
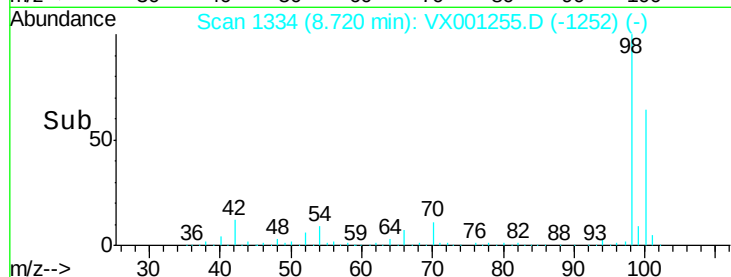
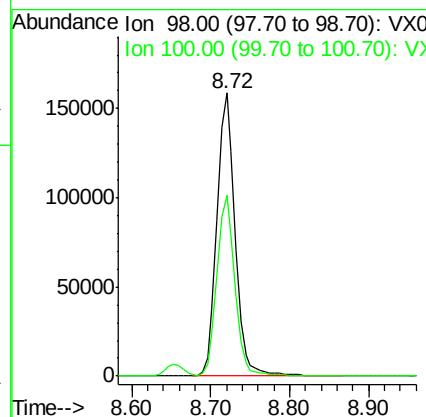
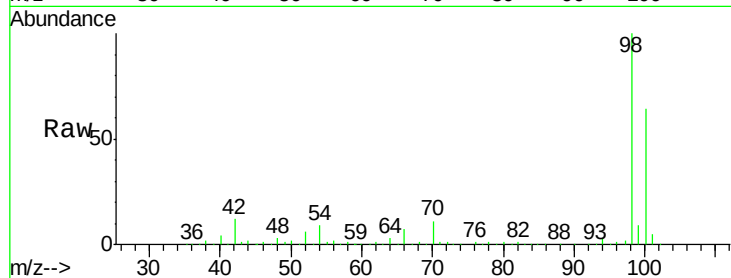
#63
Toluene-d8
Concen: 30.32 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. -0.00 min
Lab File: VX001255.D
Acq: 30 Apr 2018 10:36

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion: 98 Resp: 257270
Ion Ratio Lower Upper
98 100
100 63.4 50.0 75.0

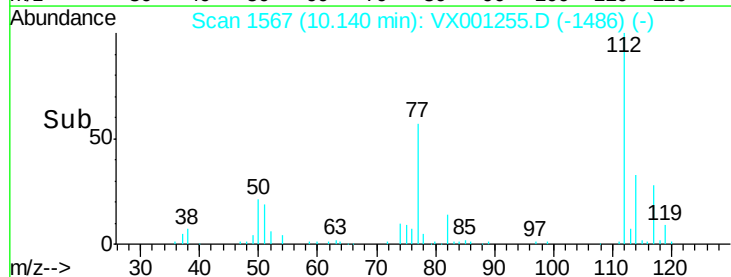
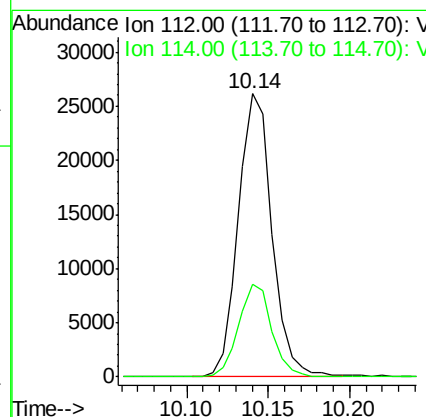
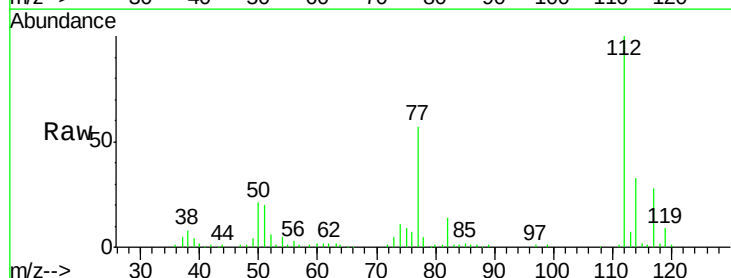
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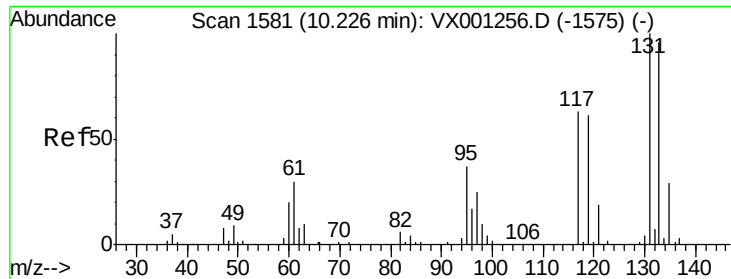
MMDadoda
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#64
Chlorobenzene
Concen: 5.41 ug/l
RT: 10.14 min Scan# 1567
Delta R.T. -0.01 min
Lab File: VX001255.D
Acq: 30 Apr 2018 10:36

Tgt Ion: 112 Resp: 37688
Ion Ratio Lower Upper
112 100
114 32.9 26.4 39.6





#65

1,1,1,2-Tetrachloroethane

Concen: 5.03 ug/l

RT: 10.23 min Scan# 1581

Delta R.T. -0.00 min

Lab File: VX001255.D

Acq: 30 Apr 2018 10:36

Instrument :

MSVOA_X

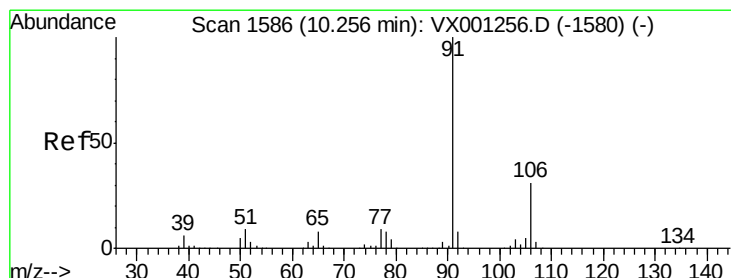
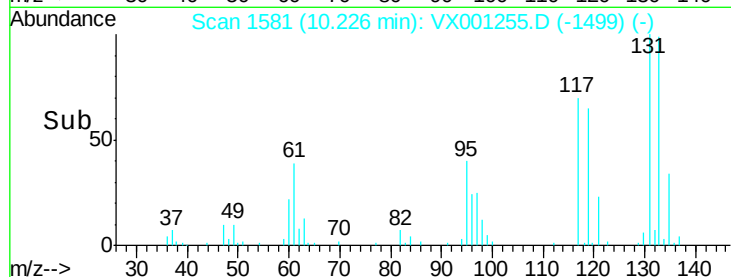
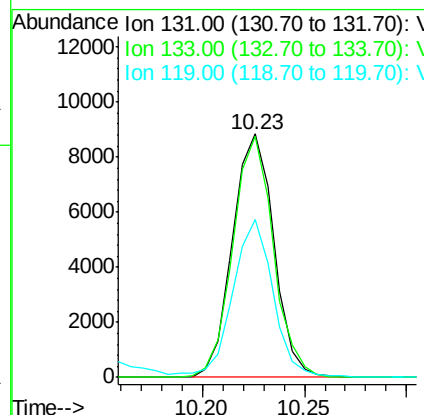
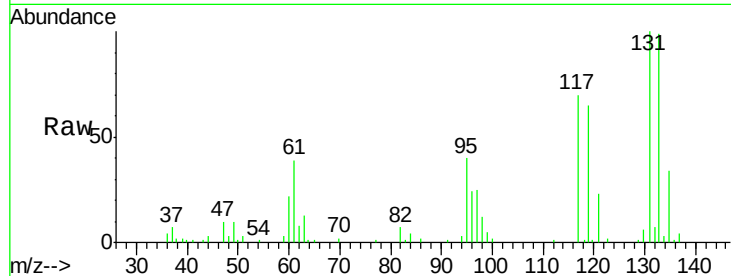
ClientSampleId :

VSTDIC005

Tot Ion:	131	Resp:	12412
Ion Ratio	Lower	Upper	
131	100		
133	97.0	0.0	187.6
119	63.8	0.0	134.0

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#66

Ethyl Benzene

Concen: 5.08 ug/l

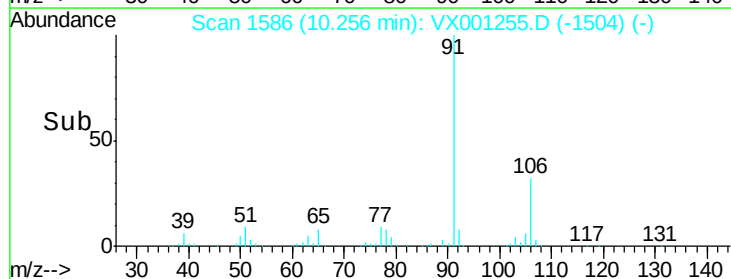
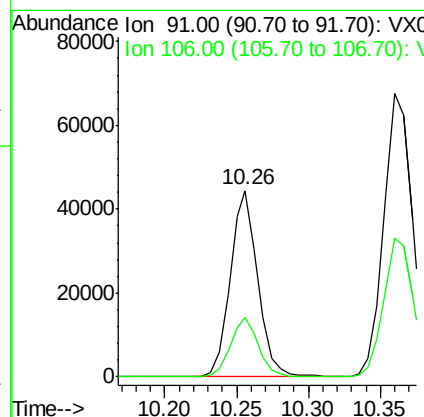
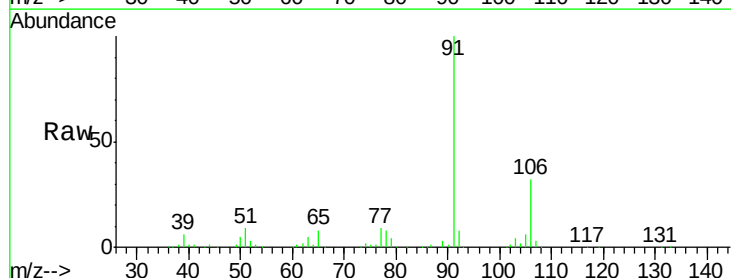
RT: 10.26 min Scan# 1586

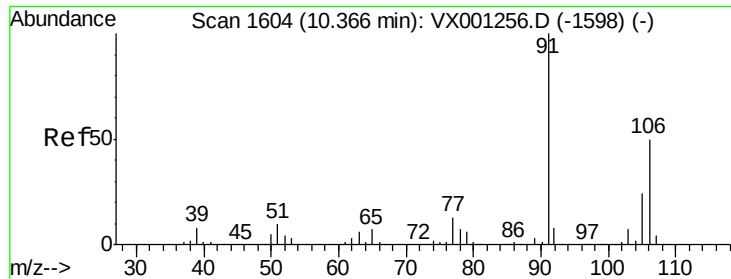
Delta R.T. -0.00 min

Lab File: VX001255.D

Acq: 30 Apr 2018 10:36

Tgt Ion:	91	Resp:	59813
Ion Ratio	Lower	Upper	
91	100		
106	32.0	25.9	38.9





#67

m/p-Xylenes

Concen: 10.21 ug/l

RT: 10.36 min Scan# 1603

Delta R.T. -0.01 min

Lab File: VX001255.D

Acq: 30 Apr 2018 10:36

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tot Ion:106 Resp: 47101

Ion Ratio Lower Upper

106 100

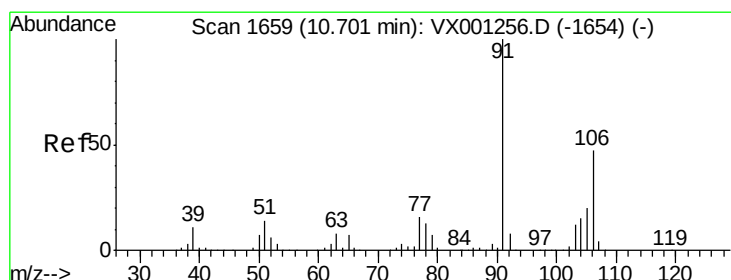
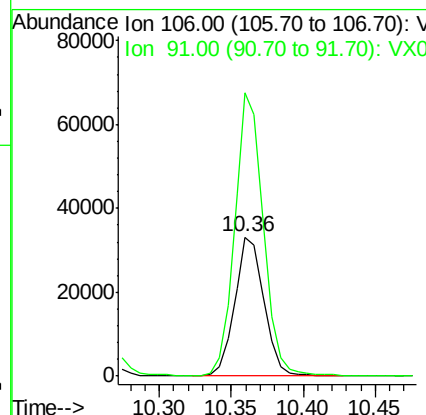
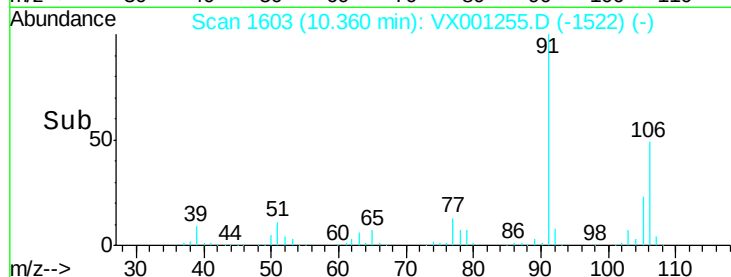
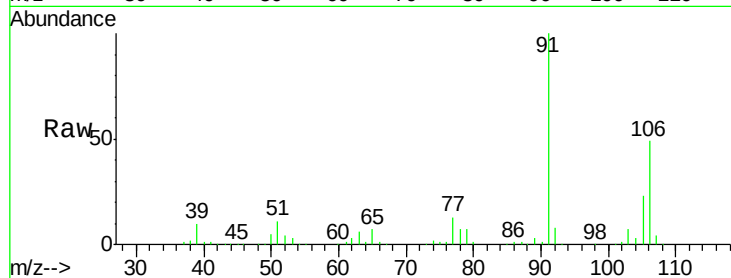
91 199.5 161.6 242.4

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#68

o-Xylene

Concen: 5.00 ug/l

RT: 10.70 min Scan# 1659

Delta R.T. -0.01 min

Lab File: VX001255.D

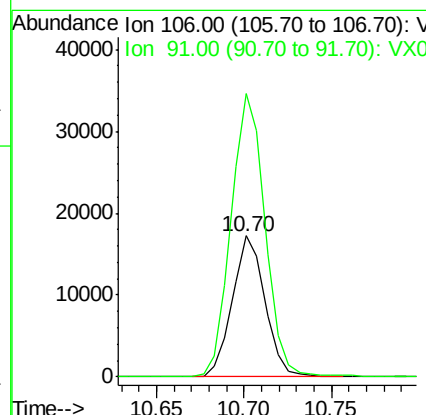
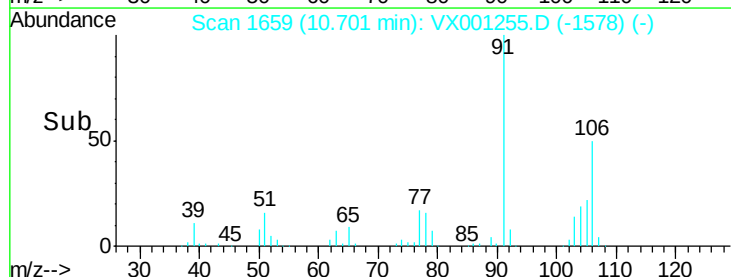
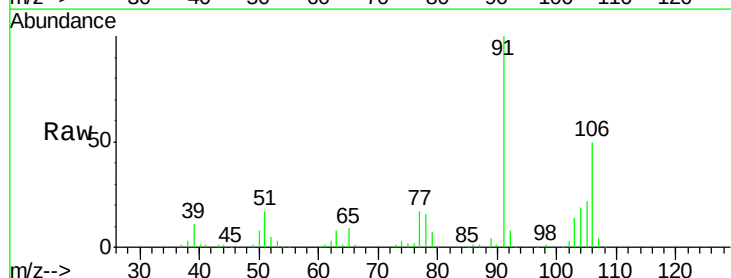
Acq: 30 Apr 2018 10:36

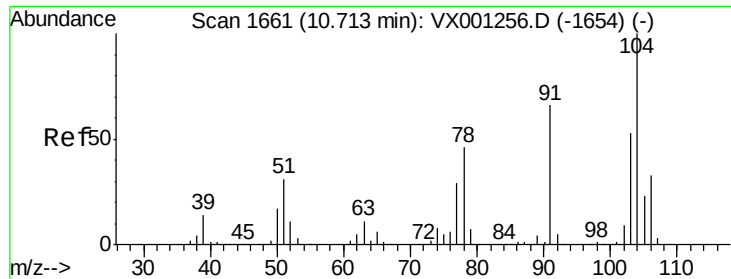
Tgt Ion:106 Resp: 22402

Ion Ratio Lower Upper

106 100

91 208.9 105.6 316.8





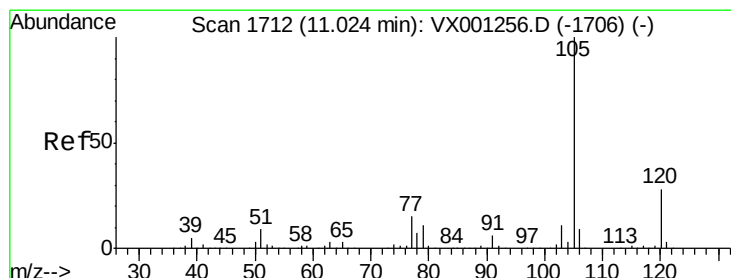
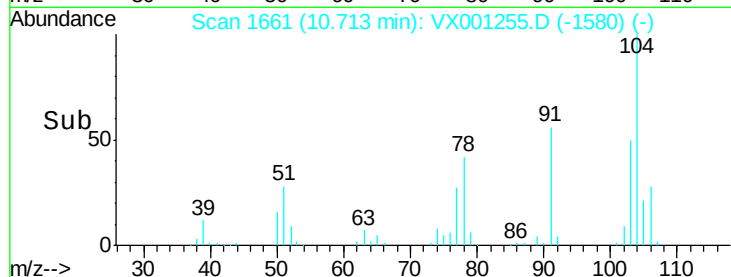
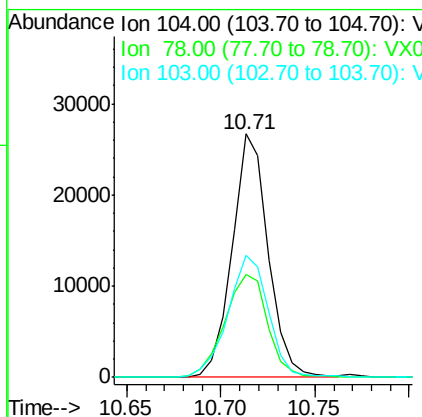
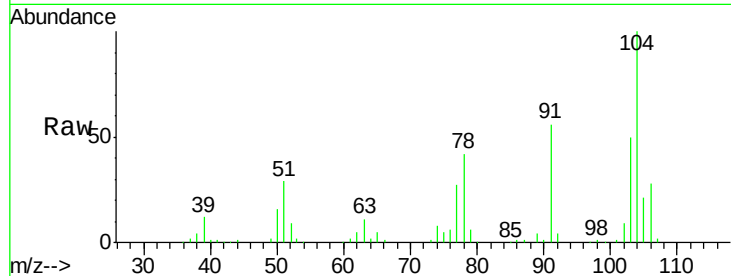
#69
Stvrene
Concen: 4.77 ug/l
RT: 10.71 min Scan# 1661
Delta R.T. -0.01 min
Lab File: VX001255.D
Acq: 30 Apr 2018 10:36

Instrument :
MSVOA_X
ClientSampled :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
104	100		
78	50.4	39.0	58.4
103	56.0	44.7	67.1

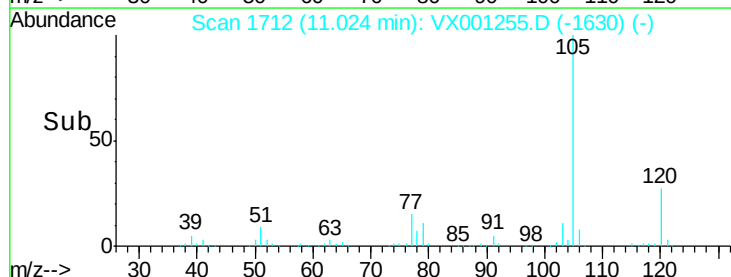
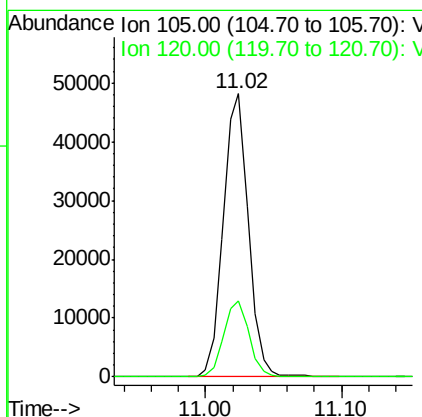
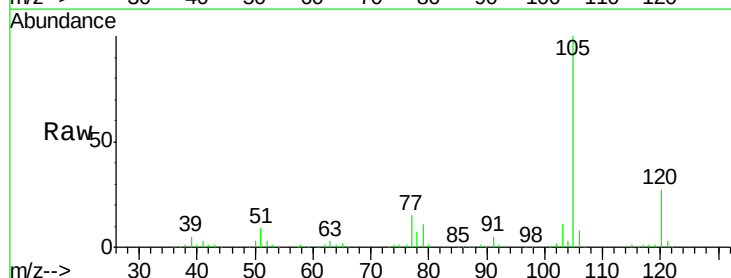
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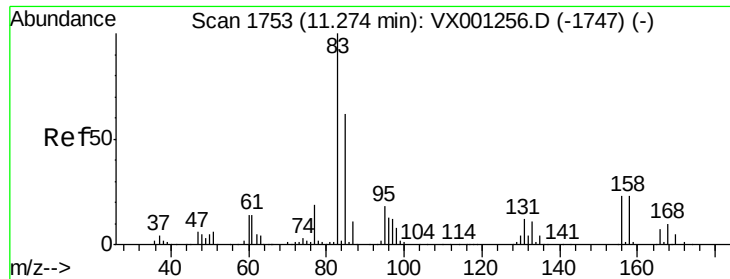
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#70
Isopropylbenzene
Concen: 5.08 ug/l
RT: 11.02 min Scan# 1712
Delta R.T. -0.00 min
Lab File: VX001255.D
Acq: 30 Apr 2018 10:36

Tgt Ion	Ratio	Lower	Upper
105	100		
120	27.0	18.8	35.0





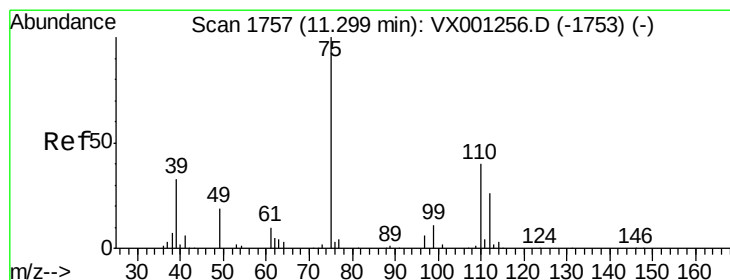
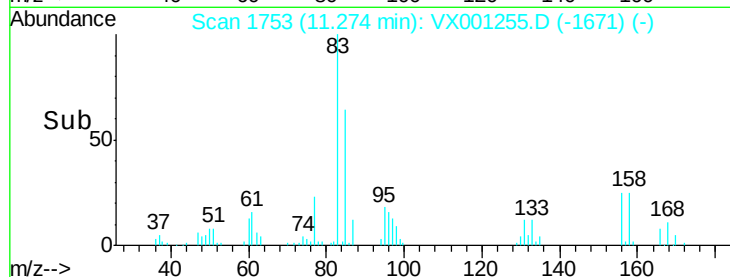
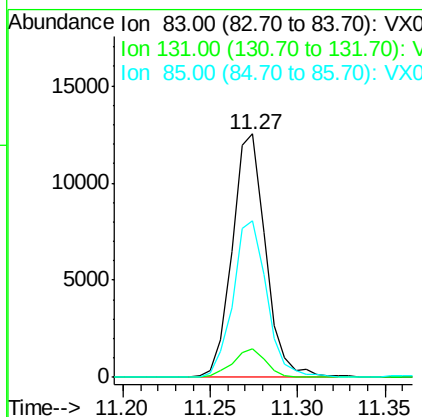
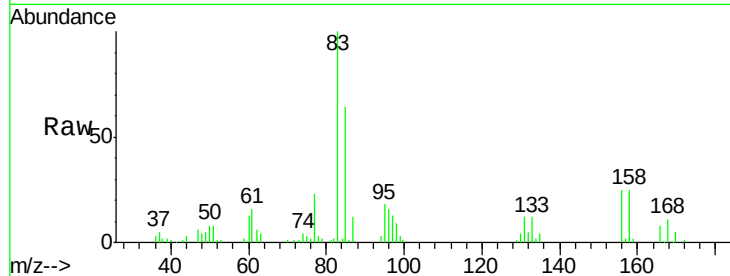
#71
 1,1,2,2-Tetrachloroethane
 Concen: 4.00 ug/l
 RT: 11.27 min Scan# 1753
 Delta R.T. -0.00 min
 Lab File: VX001255.D
 Acq: 30 Apr 2018 10:36

Instrument :
 MSVOA_X
 ClientSampled :
 VSTDIC005

Tot Ion	83	Resp	16651
Ion Ratio	100	Lower	Upper
83	100		
131	11.6	5.3	16.1
85	65.0	32.5	97.5

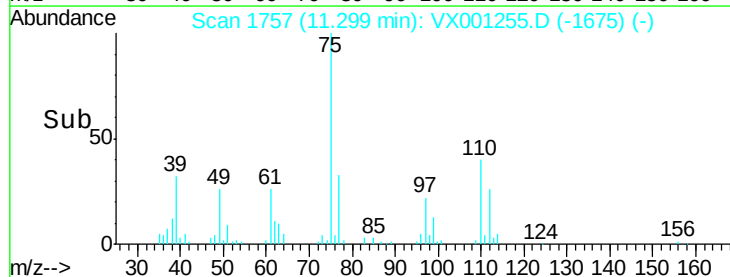
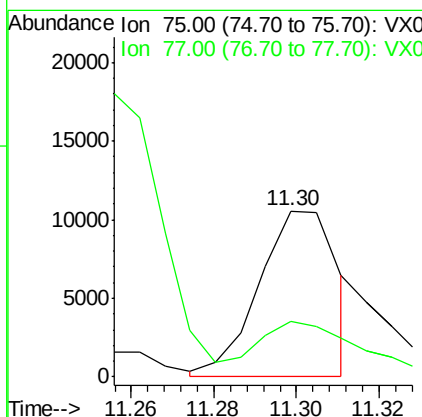
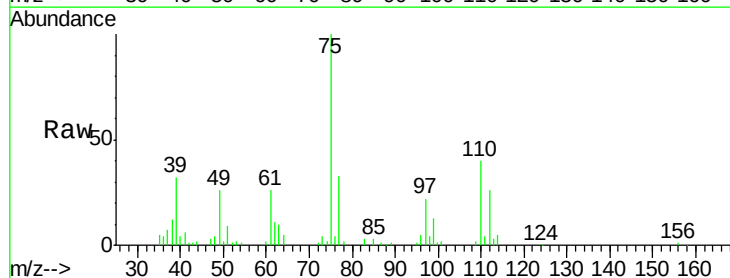
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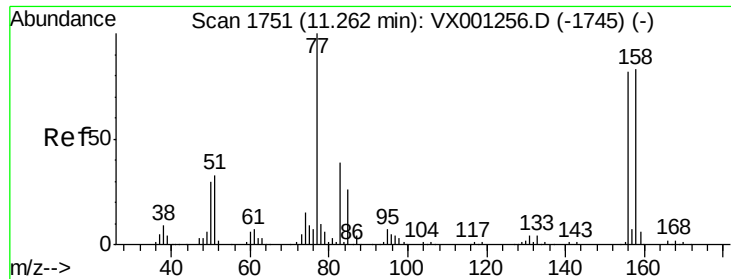
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#72
 1,2,3-Trichloropropane
 Concen: 3.74 ug/l m
 RT: 11.30 min Scan# 1757
 Delta R.T. -0.00 min
 Lab File: VX001255.D
 Acq: 30 Apr 2018 10:36

Tgt Ion	75	Resp	13972
Ion Ratio	100	Lower	Upper
75	100		
77	44.1	0.0	85.8





#73

Bromobenzene

Concen: 5.76 ug/l

RT: 11.26 min Scan# 1751

Delta R.T. -0.00 min

Lab File: VX001255.D

Acq: 30 Apr 2018 10:36

Instrument :

MSVOA_X

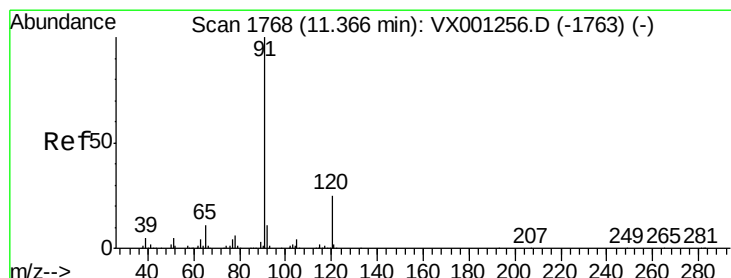
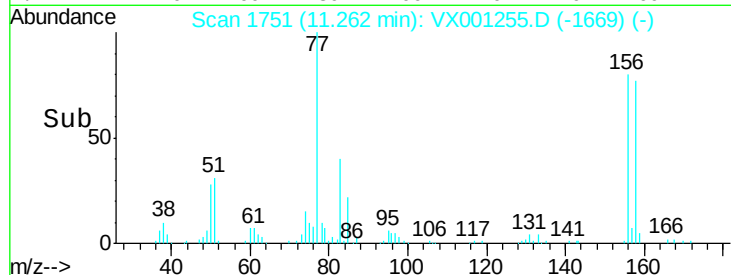
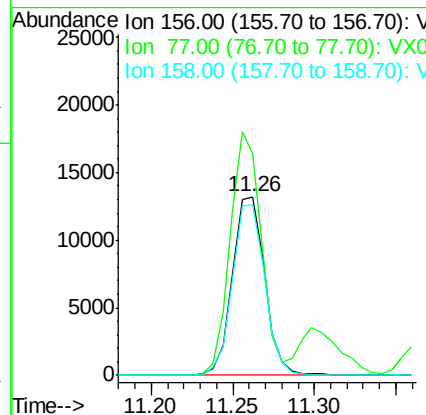
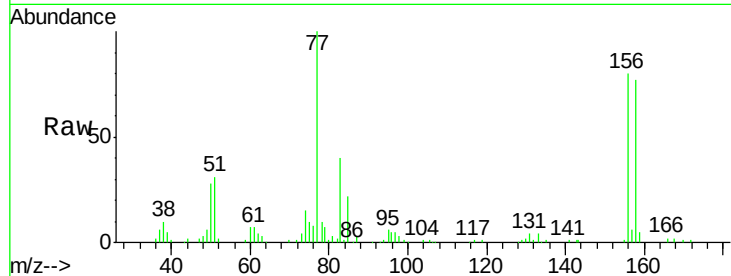
ClientSampleId :

VSTDIC005

Tot Ion:	156	Resp:	18273
Ion Ratio	Lower	Upper	
156	100		
77	130.2	0.0	280.2
158	95.5	0.0	197.2

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#74

n-propylbenzene

Concen: 4.81 ug/l

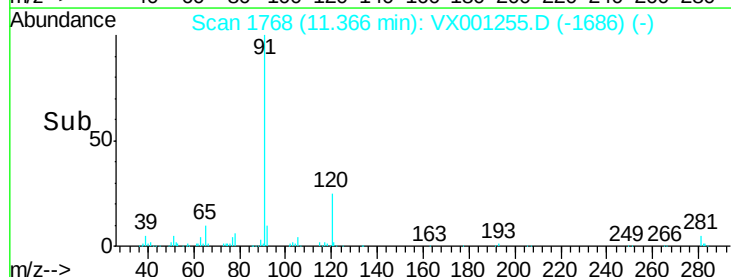
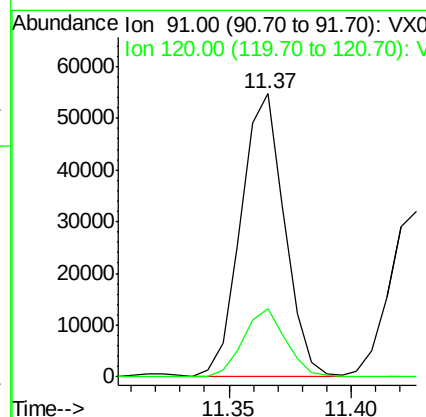
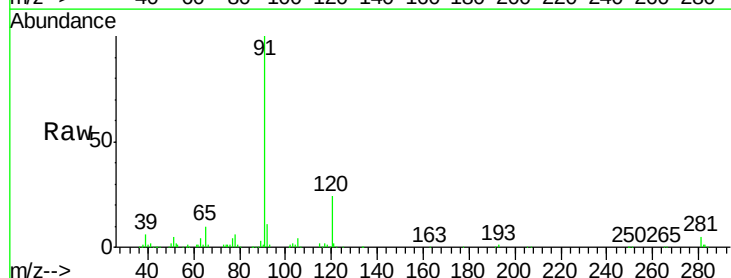
RT: 11.37 min Scan# 1768

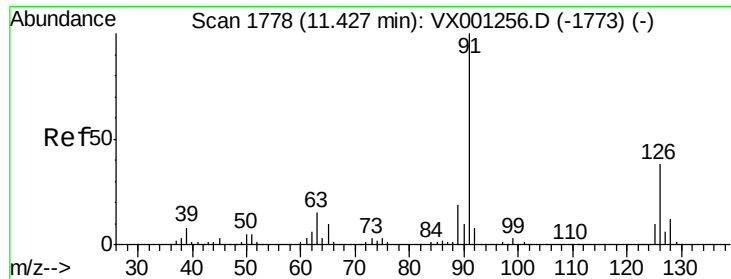
Delta R.T. -0.00 min

Lab File: VX001255.D

Acq: 30 Apr 2018 10:36

Tgt Ion:	91	Resp:	68252
Ion Ratio	Lower	Upper	
91	100		
120	23.6	0.0	47.4





#75

2-Chlorotoluene

Concen: 5.18 ug/l

RT: 11.43 min Scan# 1778

Delta R.T. -0.00 min

Lab File: VX001255.D

Acq: 30 Apr 2018 10:36

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tot Ion: 91 Resp: 42253

Ion Ratio Lower Upper

91 100

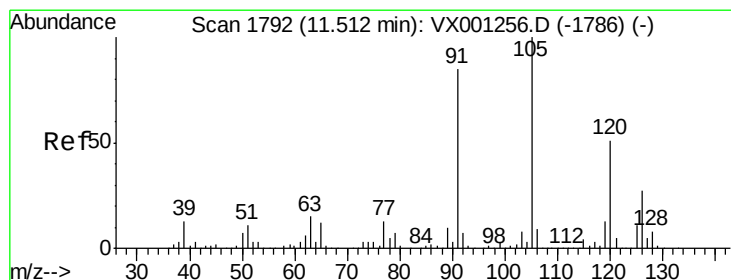
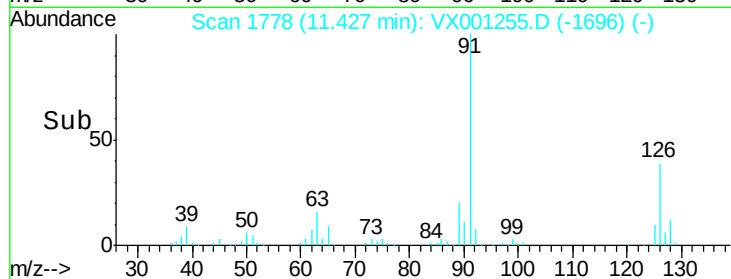
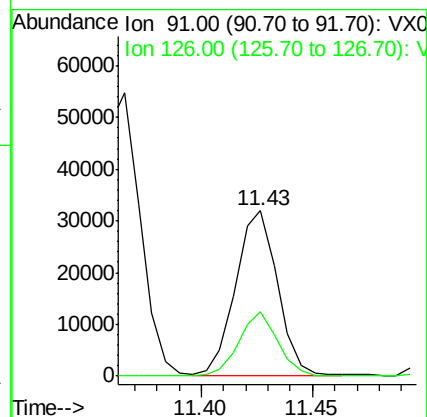
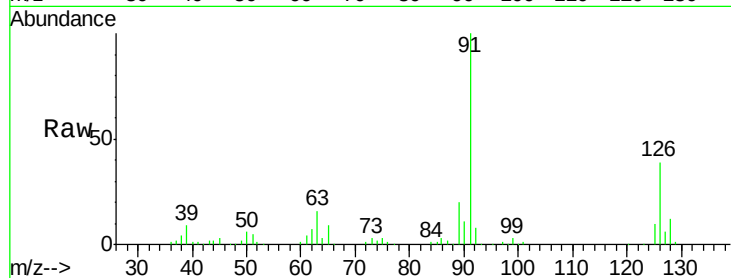
126 36.0 0.0 71.4

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#76

1,3,5-Trimethylbenzene

Concen: 4.97 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX001255.D

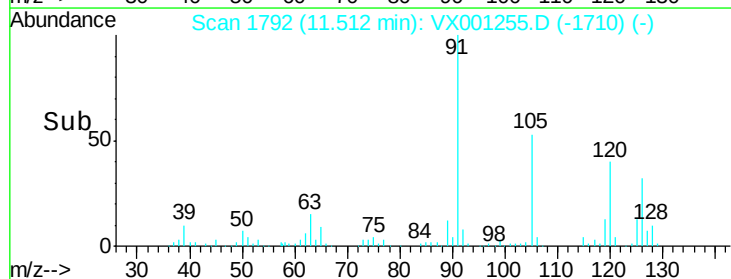
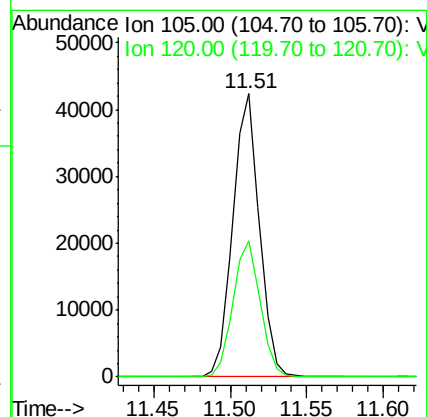
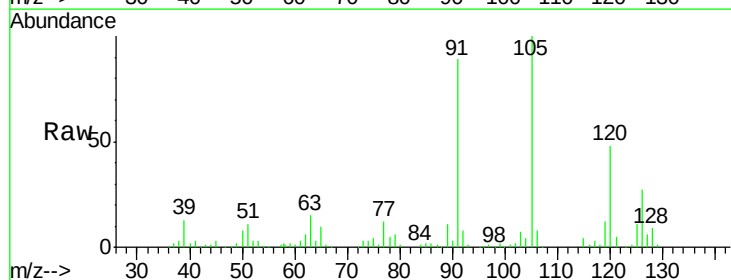
Acq: 30 Apr 2018 10:36

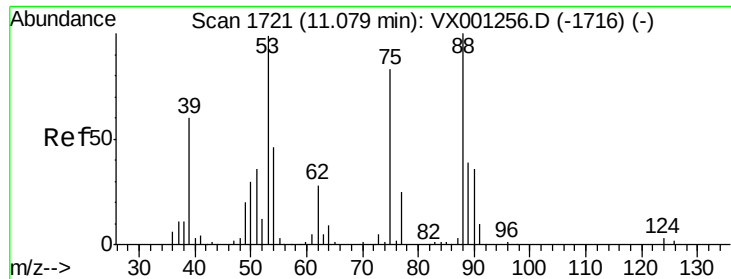
Tgt Ion: 105 Resp: 51028

Ion Ratio Lower Upper

105 100

120 48.8 0.0 63.8





#77

t-1,4-Dichloro-2-butene

Concen: 2.54 ug/l

RT: 11.08 min Scan# 1721

Delta R.T. -0.00 min

Lab File: VX001255.D

Acq: 30 Apr 2018 10:36

Instrument :

MSVOA_X

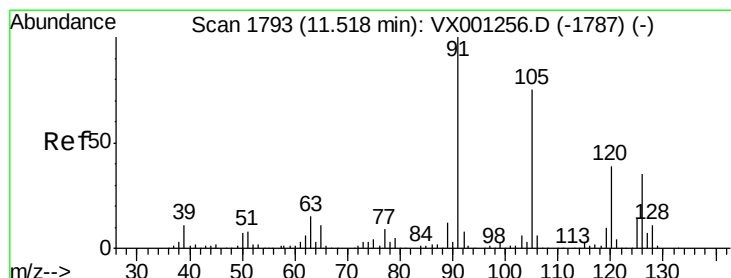
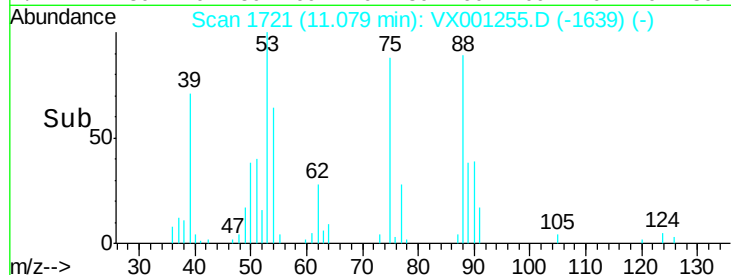
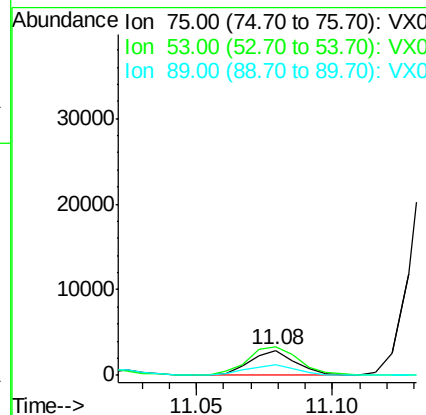
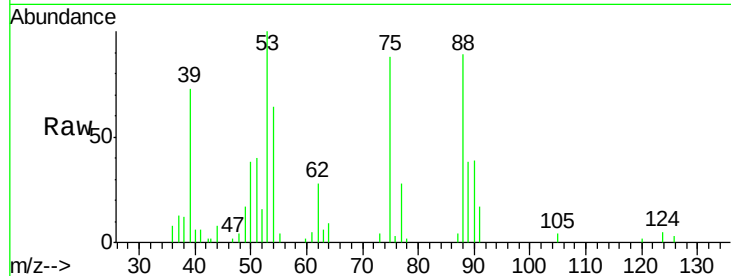
ClientSampleId :

VSTDIC005

Tot Ion:	75	Resp:	3354
Ion	Ratio	Lower	Upper
75	100		
53	113.8	47.8	143.3
89	43.3	22.3	66.8

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#78

4-Chlorotoluene

Concen: 4.98 ug/l

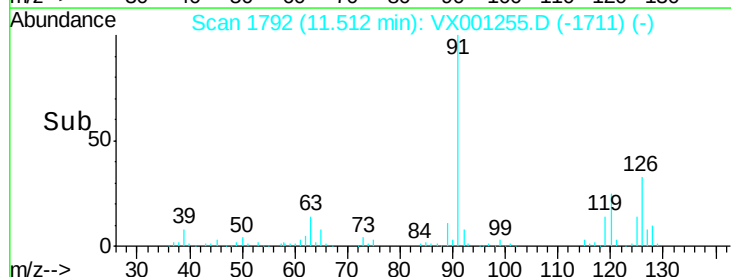
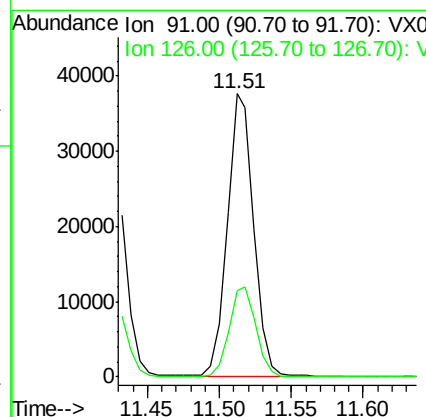
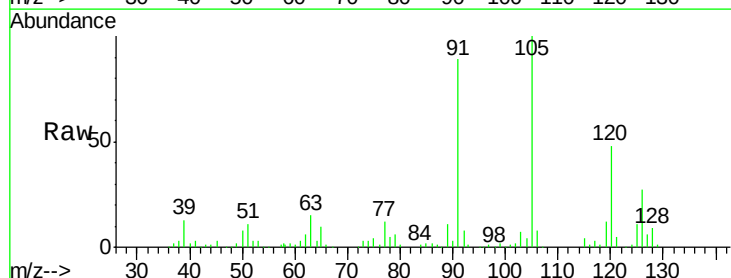
RT: 11.51 min Scan# 1792

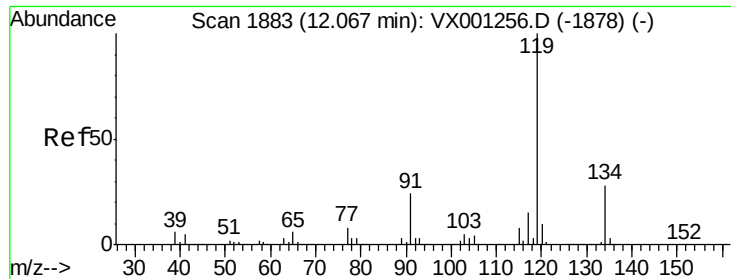
Delta R.T. -0.01 min

Lab File: VX001255.D

Acq: 30 Apr 2018 10:36

Tgt Ion:	91	Resp:	48664
Ion	Ratio	Lower	Upper
91	100		
126	32.2	0.0	63.4





#79

tert-butylbenzene

Concen: 5.20 ug/l

RT: 12.07 min Scan# 1883

Delta R.T. -0.00 min

Lab File: VX001255.D

Acq: 30 Apr 2018 10:36

Instrument :

MSVOA_X

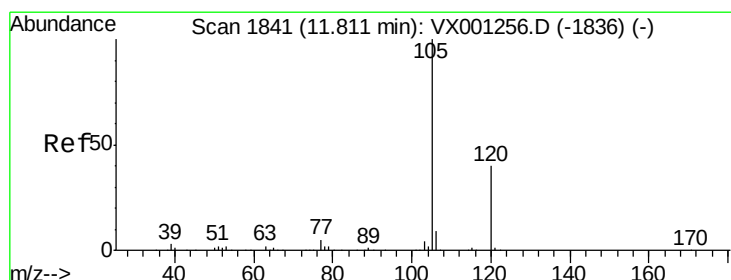
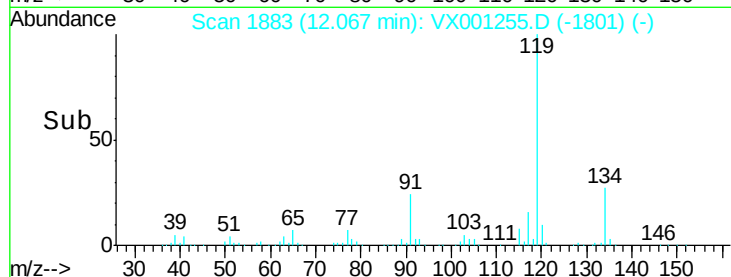
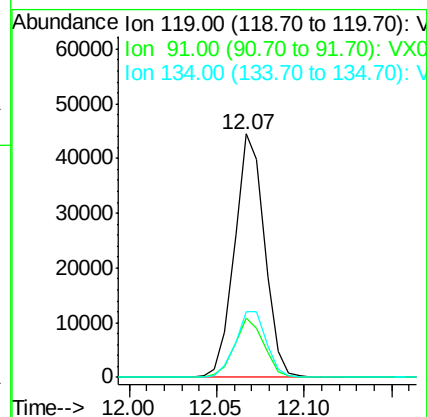
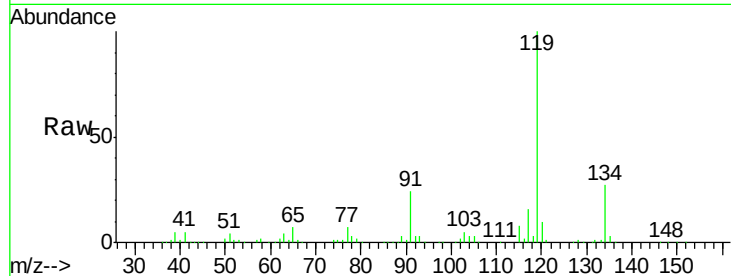
ClientSampleId :

VSTDIC005

Tot Ion:	119	Resp:	53073
Ion Ratio	Lower	Upper	
119	100		
91	23.8	0.0	51.6
134	27.8	0.0	60.2

Manual Integrations
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#80

1,2,4-Trimethylbenzene

Concen: 4.90 ug/l

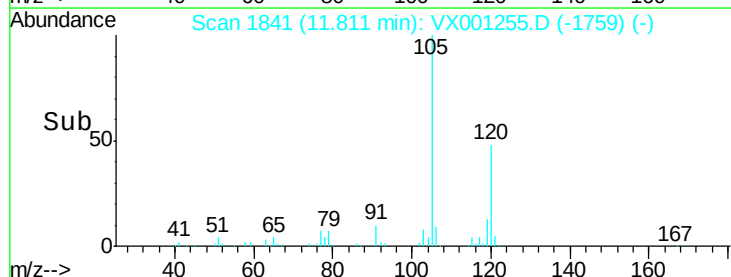
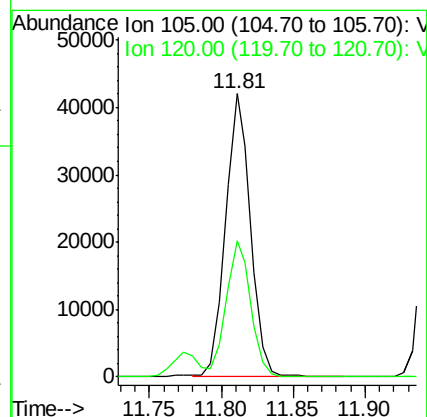
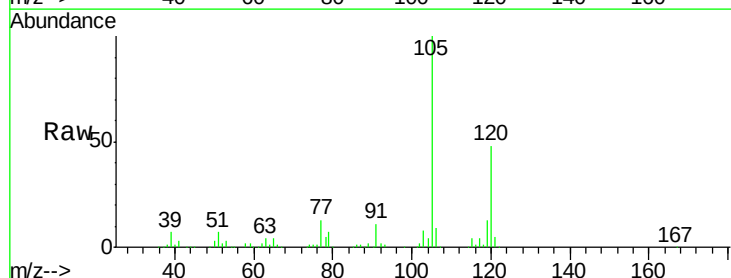
RT: 11.81 min Scan# 1841

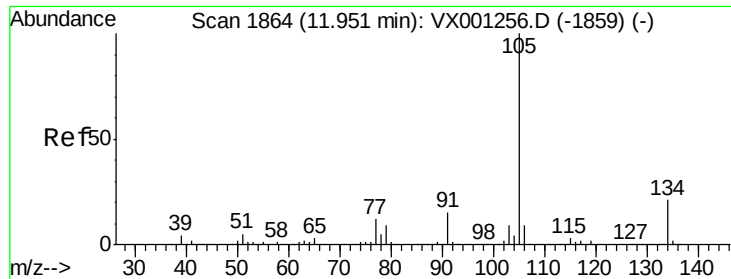
Delta R.T. -0.00 min

Lab File: VX001255.D

Acq: 30 Apr 2018 10:36

Tgt Ion:	105	Resp:	51282
Ion Ratio	Lower	Upper	
105	100		
120	46.8	0.0	93.0





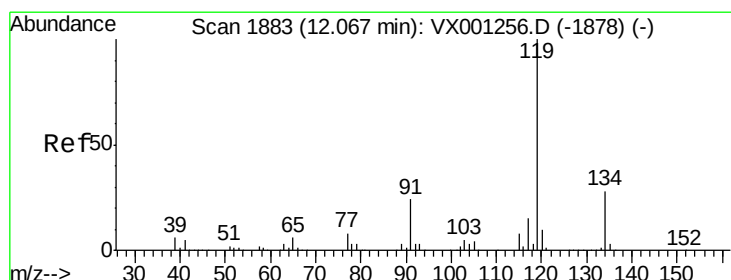
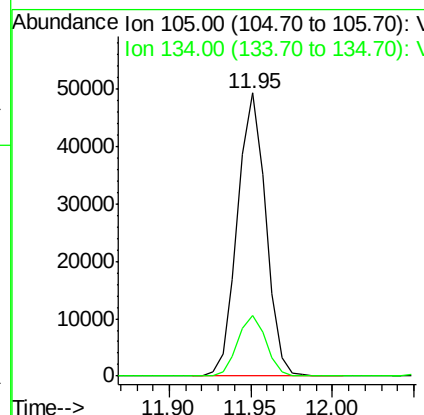
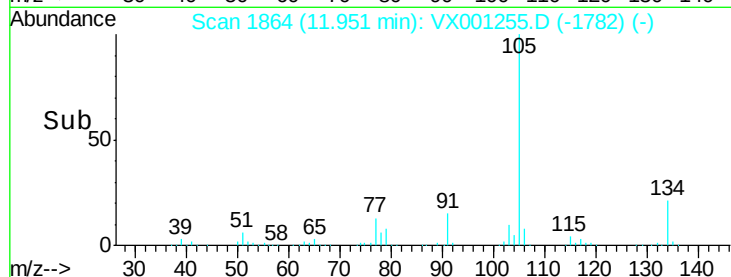
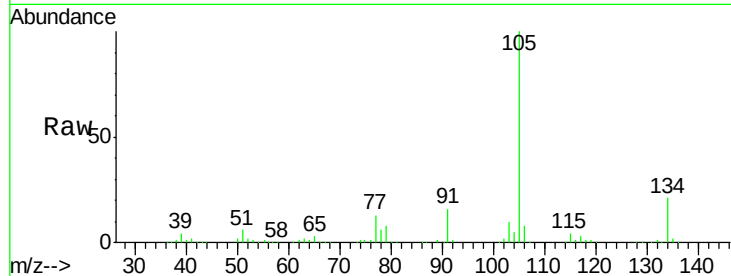
#81
 sec-Butylbenzene
 Concen: 4.72 ug/l
 RT: 11.95 min Scan# 1864
 Delta R.T. -0.00 min
 Lab File: VX001255.D
 Acq: 30 Apr 2018 10:36

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Tot Ion	Ratio	Lower	Upper
105	100		
134	21.6	0.0	41.8

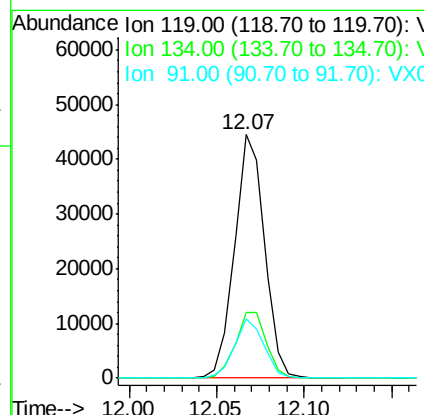
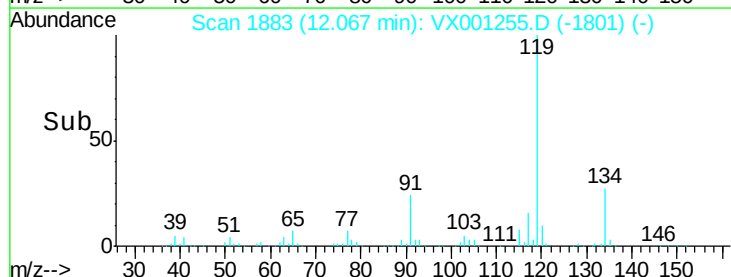
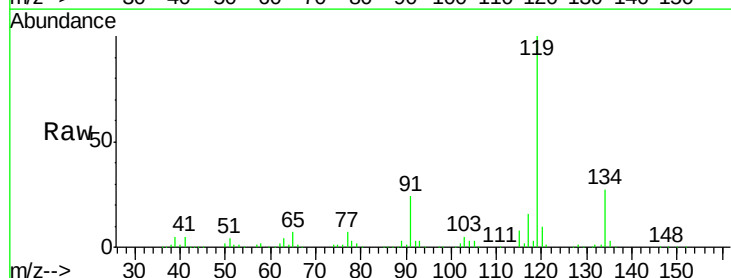
Manual Integrations
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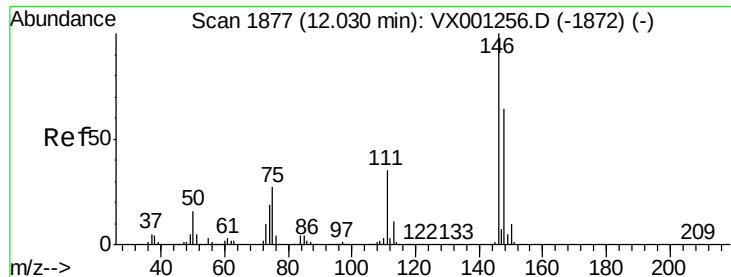
MMDadoda
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#82
 p-Isopropyltoluene
 Concen: 4.71 ug/l
 RT: 12.07 min Scan# 1883
 Delta R.T. -0.00 min
 Lab File: VX001255.D
 Acq: 30 Apr 2018 10:36

Tgt Ion	Ratio	Lower	Upper
119	100		
134	27.8	0.0	54.4
91	23.8	0.0	46.6





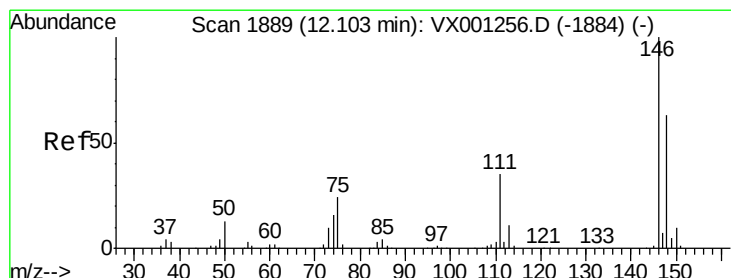
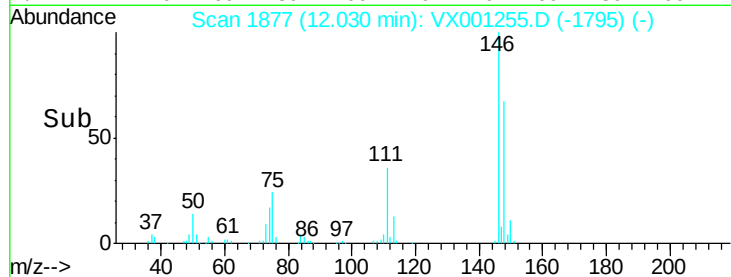
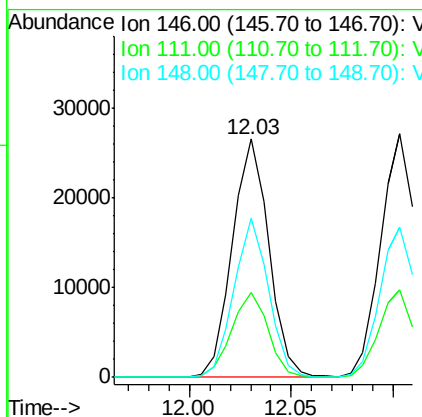
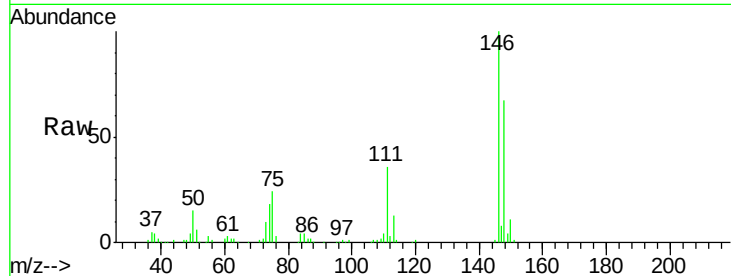
#83
 1,3-Dichlorobenzene
 Concen: 5.45 ug/l
 RT: 12.03 min Scan# 1877
 Delta R.T. -0.00 min
 Lab File: VX001255.D
 Acq: 30 Apr 2018 10:36

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Tot Ion	Ratio	Lower	Upper
146	100		
111	35.6	19.4	58.2
148	63.3	32.6	97.7

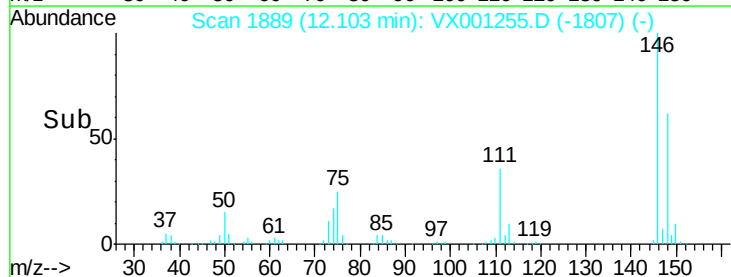
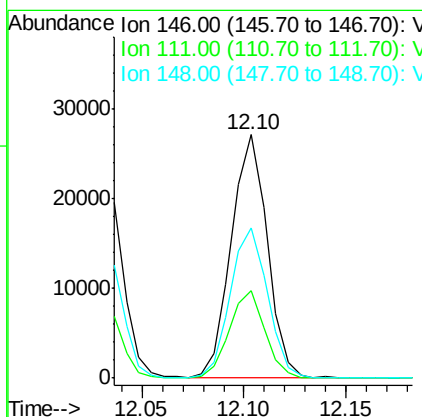
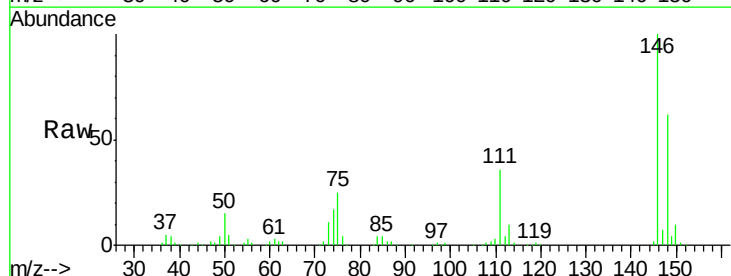
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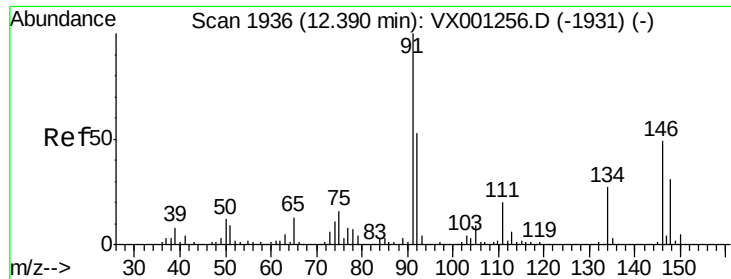
MMDadoda
 5/2/2018 11:08:01 AM



#84
 1,4-Dichlorobenzene
 Concen: 5.29 ug/l
 RT: 12.10 min Scan# 1889
 Delta R.T. -0.00 min
 Lab File: VX001255.D
 Acq: 30 Apr 2018 10:36

Tgt Ion	Ratio	Lower	Upper
146	100		
111	35.3	18.4	55.0
148	63.6	31.9	95.7





#85

n-Butylbenzene

Concen: 4.27 ug/l

RT: 12.39 min Scan# 1936

Delta R.T. -0.01 min

Lab File: VX001255.D

Acq: 30 Apr 2018 10:36

Instrument :

MSVOA_X

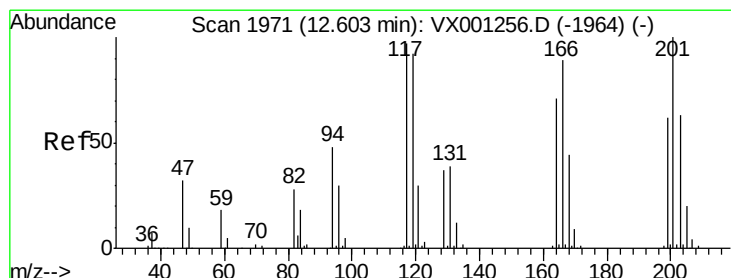
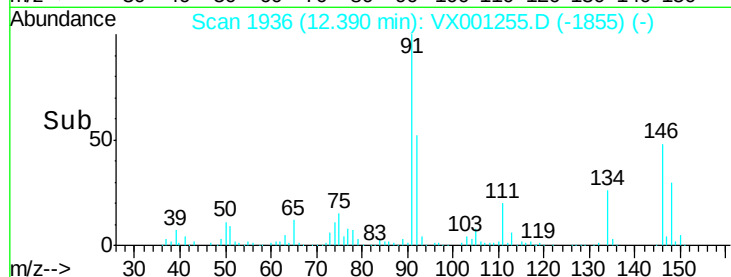
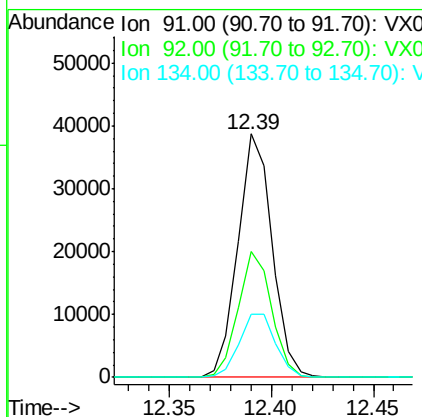
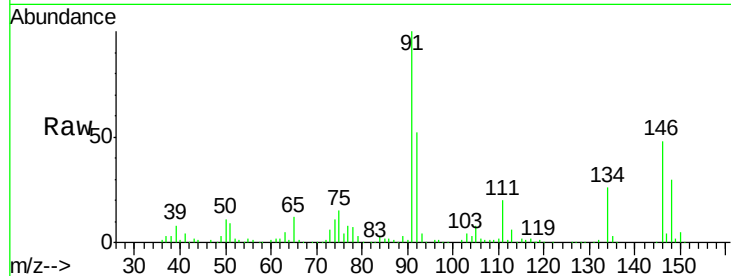
ClientSampled :

VSTDIC005

Tot Ion:	91	Resp:	45074
Ion	Ratio	Lower	Upper
91	100		
92	50.5	0.0	102.0
134	27.6	0.0	54.2

Manual Integrations
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#86

Hexachloroethane

Concen: 3.73 ug/l

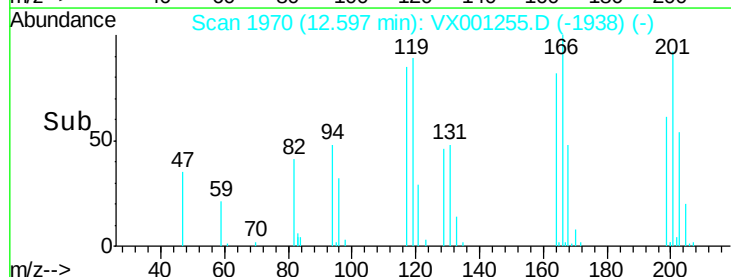
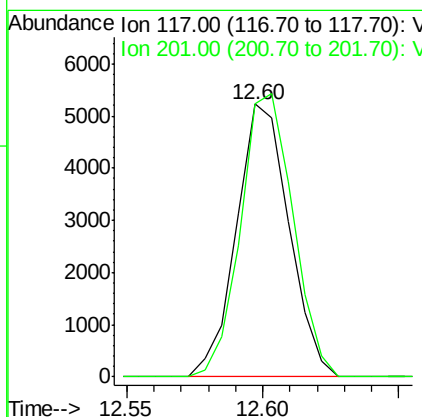
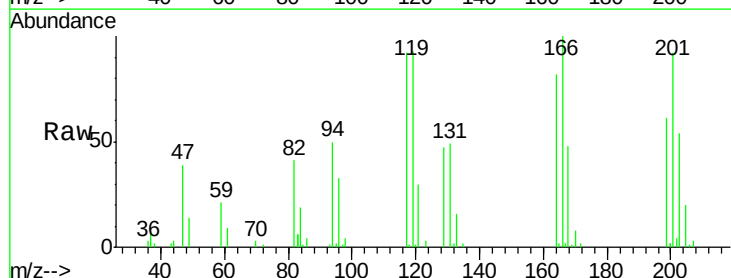
RT: 12.60 min Scan# 1970

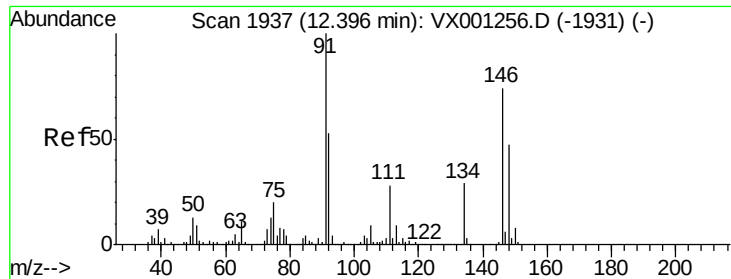
Delta R.T. -0.01 min

Lab File: VX001255.D

Acq: 30 Apr 2018 10:36

Tgt Ion:	117	Resp:	7020
Ion	Ratio	Lower	Upper
117	100		
201	103.2	38.9	116.6





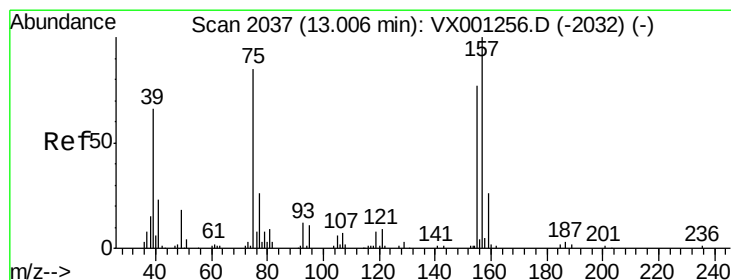
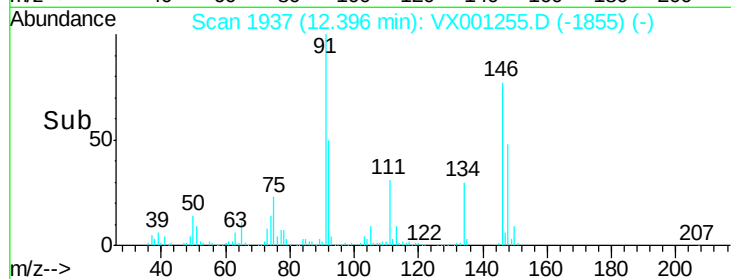
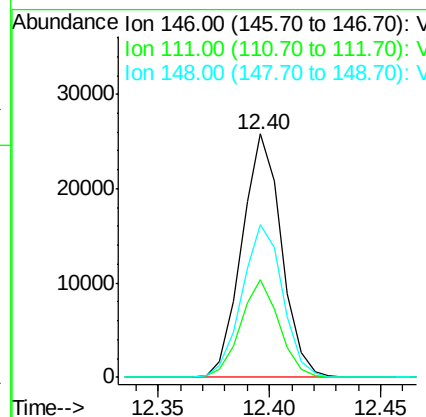
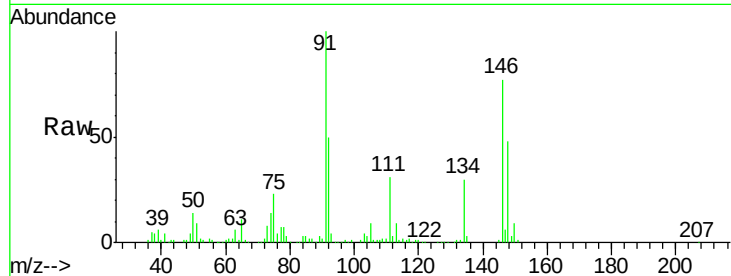
#87
 1,2-Dichlorobenzene
 Concen: 5.36 ug/l
 RT: 12.40 min Scan# 1937
 Delta R.T. -0.00 min
 Lab File: VX001255.D
 Acq: 30 Apr 2018 10:36

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.6	20.0	60.0
148	64.3	31.6	95.0

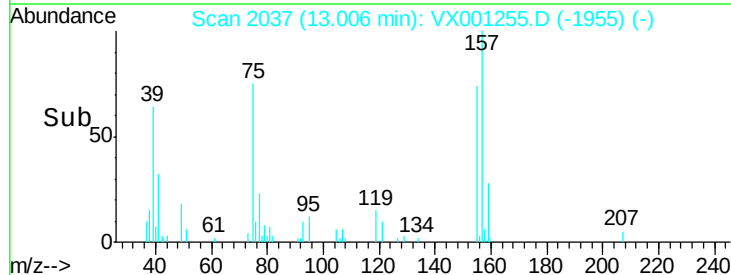
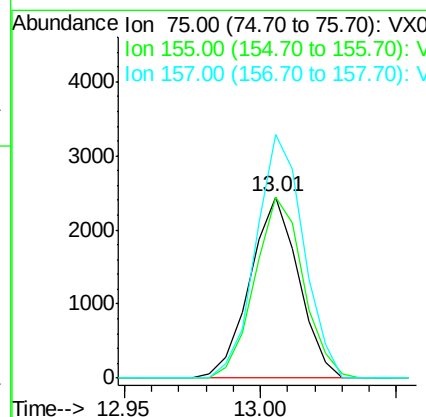
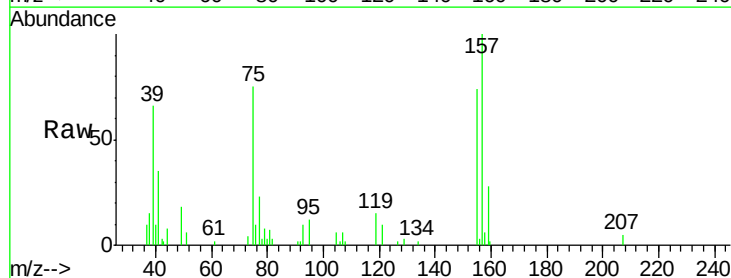
Manual Integrations
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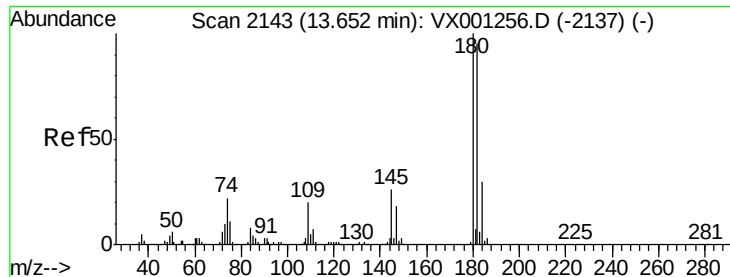
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#88
 1,2-Dibromo-3-Chloropropane
 Concen: 2.60 ug/l
 RT: 13.01 min Scan# 2037
 Delta R.T. -0.00 min
 Lab File: VX001255.D
 Acq: 30 Apr 2018 10:36

Tgt Ion	Ratio	Lower	Upper
75	100		
155	99.1	75.1	112.7
157	130.8	99.0	148.4





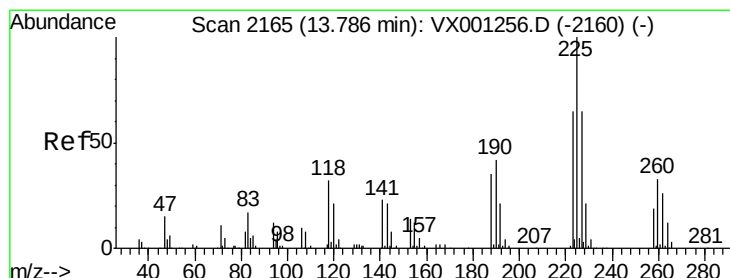
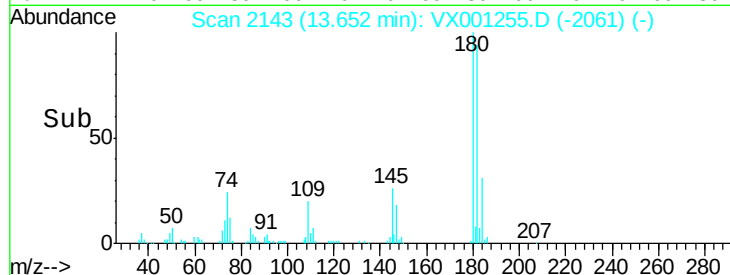
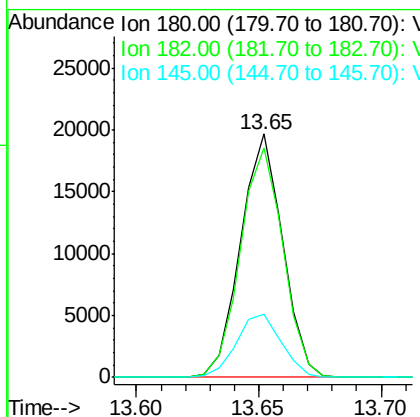
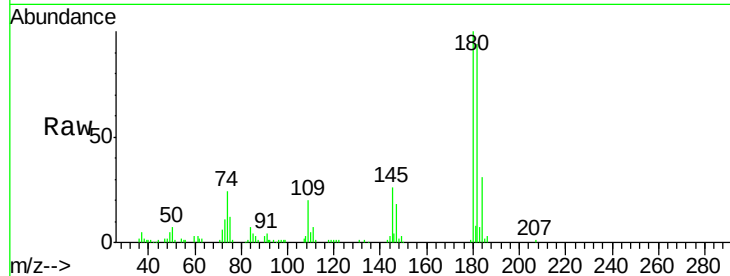
#89
 1,2,4-Trichlorobenzene
 Concen: 5.33 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. -0.00 min
 Lab File: VX001255.D
 Acq: 30 Apr 2018 10:36

Instrument :
 MSVOA_X
 ClientSampled :
 VSTDIC005

Tot Ion	Ratio	Lower	Upper
180	100		
182	96.0	76.3	114.5
145	27.7	24.6	37.0

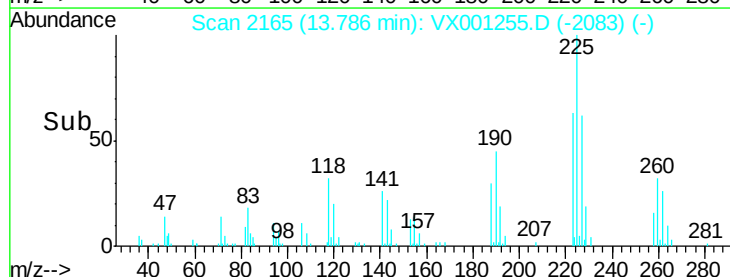
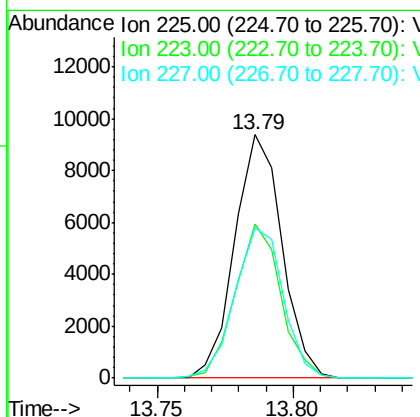
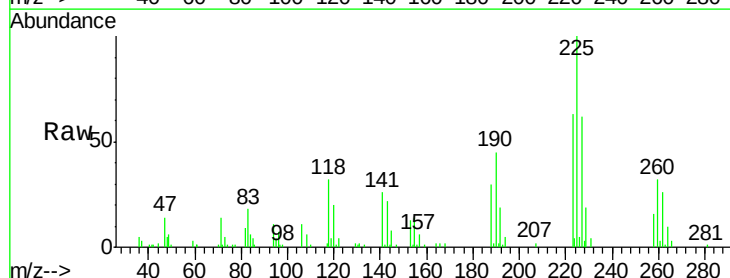
Manual Integrations
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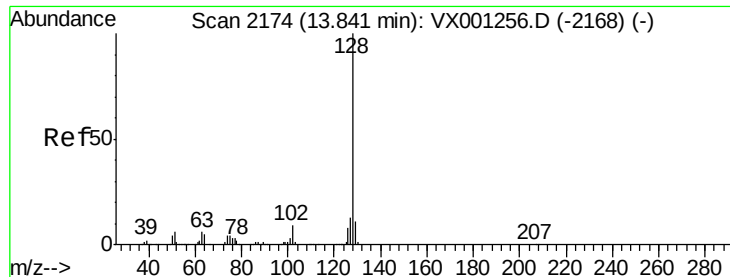
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#90
 Hexachlorobutadiene
 Concen: 5.98 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. -0.00 min
 Lab File: VX001255.D
 Acq: 30 Apr 2018 10:36

Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.0	0.0	131.2
227	63.3	0.0	127.6





#91

Naphthalene

Concen: 3.64 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. -0.00 min

Lab File: VX001255.D

Acq: 30 Apr 2018 10:36

Instrument :

MSVOA_X

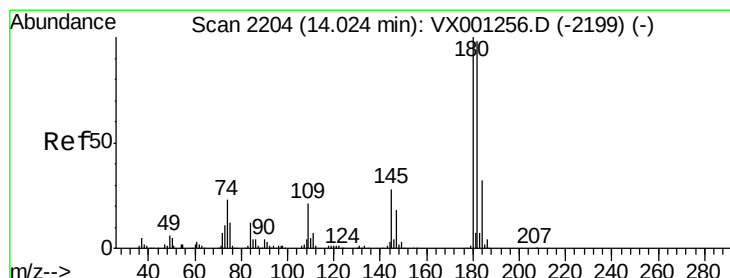
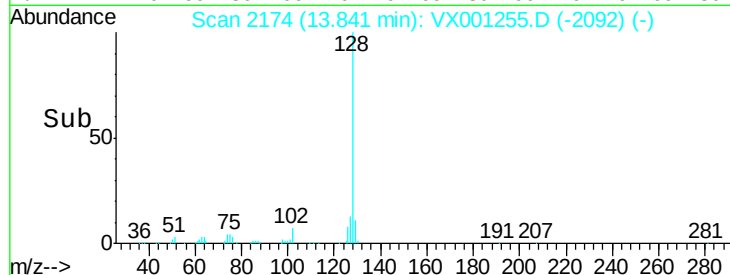
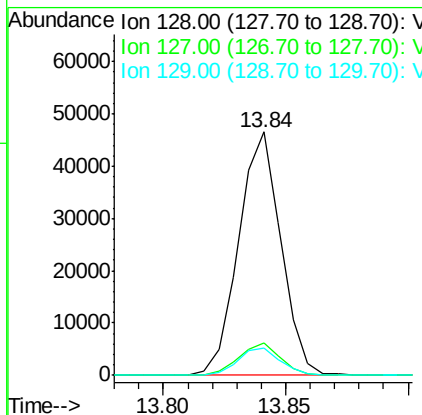
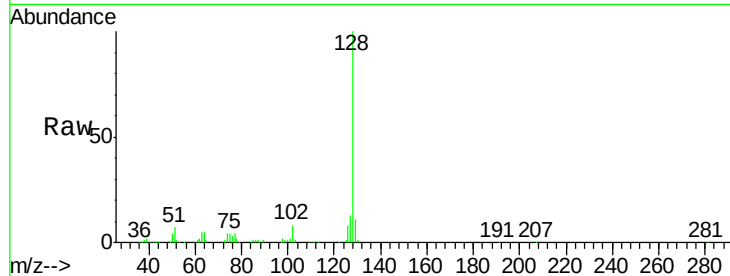
ClientSampleId :

VSTDIC005

Tot Ion:	128	Resp:	55950
Ion Ratio	Lower	Upper	
128	100		
127	13.0	10.5	15.7
129	11.3	9.0	13.6

Manual Integrations
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5/2/2018 11:08:01 AM



#92

1,2,3-Trichlorobenzene

Concen: 5.37 ug/l

RT: 14.02 min Scan# 2204

Delta R.T. -0.00 min

Lab File: VX001255.D

Acq: 30 Apr 2018 10:36

Tgt Ion:	180	Resp:	23774
Ion Ratio	Lower	Upper	
180	100		
182	94.6	0.0	188.6
145	27.9	0.0	65.8

