

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX043018\
 Data File : VX001266.D
 Acq On : 30 Apr 2018 21:21
 Operator : JC/MD
 Sample : VX0430WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleID :
 VX0430WBSD01

Manual Integrations
 APPROVED

MMDadoda
 5/2/2018 11:08:12 AM

Quant Time: May 01 09:29:02 2018
 Quant Method : W:\HPCHEM1\MSVOA X\METHOD\624X043018W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Tue May 01 09:17:40 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.03	128	35644	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.87	114	198344	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.12	117	184638	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.07	65	77545	30.16	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	100.53%
60) 4-Bromofluorobenzene	11.14	95	90424	29.23	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	97.43%
63) Toluene-d8	8.72	98	240014	30.31	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	101.03%

Target Compounds

						Ovalue
2) Dichlorodifluoromethane	1.20	85	47911	20.50	ug/l	99
3) Chloromethane	1.32	50	42872	19.66	ug/l	97
4) Vinyl Chloride	1.40	62	46790	20.45	ug/l	99
5) Bromomethane	1.65	94	35426	20.50	ug/l	99
6) Chloroethane	1.73	64	28340	20.25	ug/l	98
7) Trichlorofluoromethane	1.93	101	77672	20.44	ug/l	99
8) Diethyl Ether	2.19	74	27369	20.74	ug/l	89
9) 1,1,2-Trichlorotrifluoroet	2.39	101	43222	20.06	ug/l	92
10) 1,1-Dichloroethene	2.38	96	39455	20.21	ug/l	96
11) Methyl Iodide	2.51	142	41558	17.50	ug/l	97
12) Methyl Acetate	2.78	43	57677	22.47	ug/l	100
13) Acrolein	2.29	56	29459	96.23	ug/l	99
14) Acrylonitrile	3.15	53	113707	111.30	ug/l	100
15) Acetone	2.45	58	31838	100.16	ug/l	95
16) Carbon Disulfide	2.57	76	98930	19.05	ug/l	97
17) Allyl chloride	2.73	41	71031	20.50	ug/l	98
18) Methylene Chloride	2.86	84	44011	20.68	ug/l	98
19) trans-1,2-Dichloroethene	3.17	96	42848	20.36	ug/l	95
20) Diisopropyl ether	3.88	45	132081	19.37	ug/l	96
21) 1,1-Dichloroethane	3.70	63	72278	19.73	ug/l	99
22) cis-1,2-Dichloroethene	4.60	96	47097	20.04	ug/l	99
23) tert-Butyl Alcohol	3.07	59	52083	124.75	ug/l	# 100
24) Methyl tert-Butyl Ether	3.21	73	139862	20.89	ug/l	94
25) Chloroform	5.22	83	78404	19.65	ug/l	98
26) Cyclohexane	5.58	56	64301	19.30	ug/l	# 95
29) 1,1-Dichloropropene	5.81	75	57246	19.48	ug/l	99
30) 2-Butanone	4.71	43	154920	102.88	ug/l	97
31) 2,2-Dichloropropane	4.59	77	56126	17.50	ug/l	100
32) 1,1,1-Trichloroethane	5.50	97	67703	19.04	ug/l	98
33) Carbon Tetrachloride	5.79	117	59296	18.50	ug/l	98
34) Benzene	6.15	78	170074	19.53	ug/l	93
35) Methacrylonitrile	5.07	41	33926	20.30	ug/l	92
36) 1,2-Dichloroethane	6.21	62	65327	19.55	ug/l	98
37) Trichloroethene	7.22	130	51204	19.39	ug/l	99
38) Methylcyclohexane	7.46	83	65660	18.99	ug/l	95
39) 1,2-Dichloropropane	7.53	63	43666	19.77	ug/l	98
40) Dibromomethane	7.67	93	30568	19.68	ug/l	87

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

41) Bromodichloromethane	7.91	83	54464	18.56	ug/l #	99
42) Vinyl Acetate	3.83	43	567977	95.89	ug/l	98
43) Ethyl Acetate	4.87	43	60832	20.98	ug/l	100
44) Isopropyl Acetate	6.48	43	97567	19.77	ug/l	98
45) 1,4-Dioxane	7.76	88	20006	446.06	ug/l	100
46) Methyl methacrylate	7.79	41	51101	19.91	ug/l	93
47) n-amyl Acetate	10.90	43	87466	18.47	ug/l	100
48) t-1,3-Dichloropropene	8.45	75	63420	18.36	ug/l	99
49) cis-1,3-Dichloropropene	9.05	75	57848	17.48	ug/l	93
50) 1,1,2-Trichloroethane	9.22	97	45139	19.56	ug/l	99
51) Ethyl methacrylate	9.19	69	63558	19.33	ug/l	96
52) 1,3-Dichloropropane	9.38	76	74131	19.88	ug/l	99
53) Dibromochloromethane	9.59	129	46066	18.09	ug/l	97
54) 1,2-Dibromoethane	9.68	107	47738	19.33	ug/l	99
55) 2-Chloroethyl vinyl ether	8.32	63	155128	96.33	ug/l	100
56) Bromoform	10.86	173	36709	17.61	ug/l #	98
58) 4-Methyl-2-Pentanone	8.65	43	323109	105.44	ug/l	98
59) 2-Hexanone	9.50	43	244360	102.34	ug/l	97
61) Tetrachloroethene	9.34	164	58901	20.82	ug/l	90
62) Toluene	8.79	91	194436	19.59	ug/l	100
64) Chlorobenzene	10.14	112	130108	19.43	ug/l	98
65) 1,1,1,2-Tetrachloroethane	10.23	131	46762	19.13	ug/l	97
66) Ethyl Benzene	10.26	91	212867	19.22	ug/l	99
67) m/p-Xylenes	10.37	106	166761	37.90	ug/l	100
68) o-Xylene	10.70	106	82727	19.45	ug/l	99
69) Styrene	10.72	104	133820	18.91	ug/l	99
70) Isopropylbenzene	11.02	105	223124	19.32	ug/l	99
71) 1,1,2,2-Tetrachloroethane	11.27	83	66706	19.69	ug/l	99
72) 1,2,3-Trichloropropane	11.30	75	54880m	18.10	ug/l	
73) Bromobenzene	11.26	156	64008	19.07	ug/l	94
74) n-propylbenzene	11.37	91	250560	19.21	ug/l	99
75) 2-Chlorotoluene	11.43	91	150058	19.06	ug/l	98
76) 1,3,5-Trimethylbenzene	11.51	105	188087	19.12	ug/l	68
77) t-1,4-Dichloro-2-butene	11.08	75	14477	16.05	ug/l	86
78) 4-Chlorotoluene	11.52	91	174481	18.58	ug/l	99
79) tert-butylbenzene	12.07	119	203826	19.36	ug/l	95
80) 1,2,4-Trimethylbenzene	11.81	105	194344	19.41	ug/l	99
81) sec-Butylbenzene	11.95	105	226072	19.79	ug/l	99
82) p-Isopropyltoluene	12.07	119	203826	19.36	ug/l	100
83) 1,3-Dichlorobenzene	12.03	146	115568	18.89	ug/l	97
84) 1,4-Dichlorobenzene	12.10	146	118057	18.92	ug/l	99
85) n-Butylbenzene	12.40	91	171930	18.88	ug/l	99
86) Hexachloroethane	12.60	117	27643	17.18	ug/l	70
87) 1,2-Dichlorobenzene	12.40	146	114385	18.80	ug/l	97
88) 1,2-Dibromo-3-Chloropropan	13.01	75	14245	20.12	ug/l	99
89) 1,2,4-Trichlorobenzene	13.65	180	88435	19.18	ug/l	98
90) Hexachlorobutadiene	13.79	225	45874	21.43	ug/l	99
91) Naphthalene	13.84	128	245278	20.51	ug/l	99
92) 1,2,3-Trichlorobenzene	14.02	180	90394	19.86	ug/l	97

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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

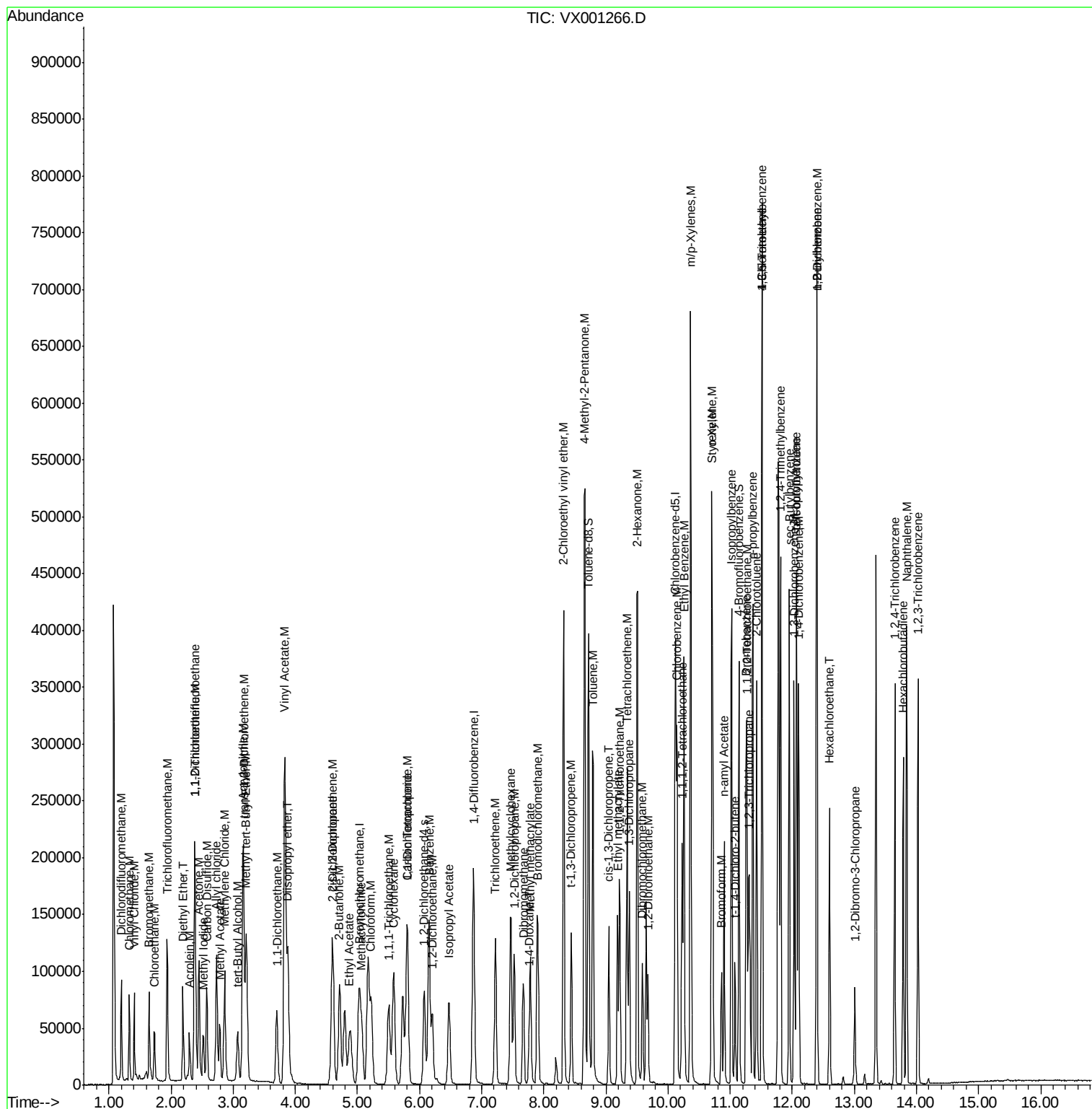
Data Path : W:\HPCHEM1\MSVOA X\DATA\VX043018\
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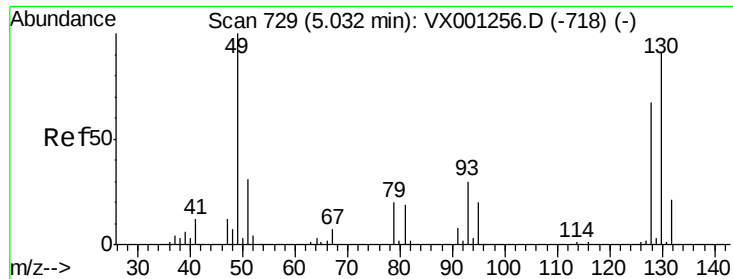
Instrument :
MSVOA_X
ClientSampleId :
VX0430WBSD01

Manual Integrations
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#1

Bromochloromethane

Concen: 30.00 ug/l

RT: 5.03 min Scan# 728

Delta R.T. -0.01 min

Lab File: VX001266.D

Acq: 30 Apr 2018 21:21

Instrument :

MSVOA_X

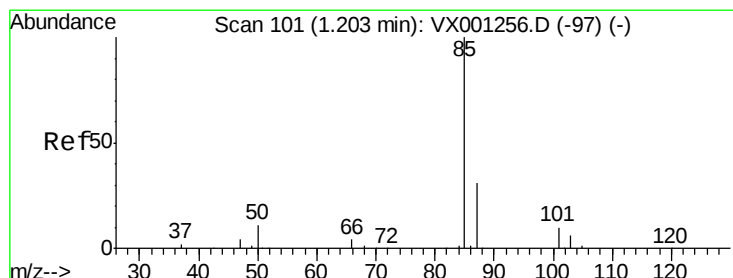
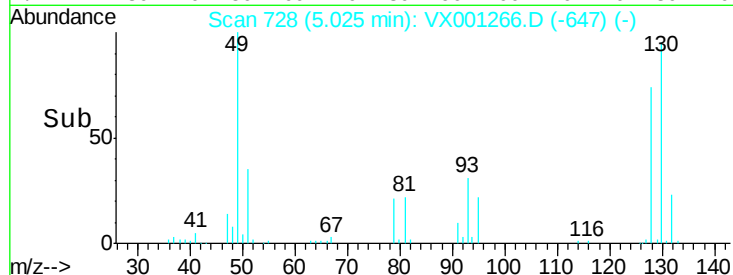
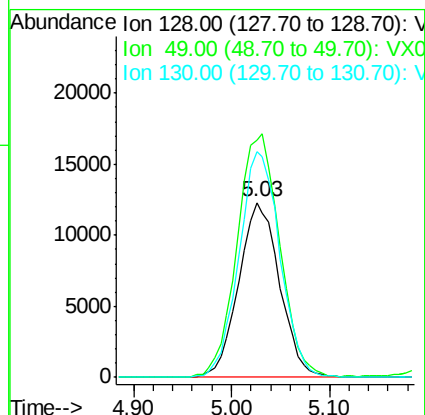
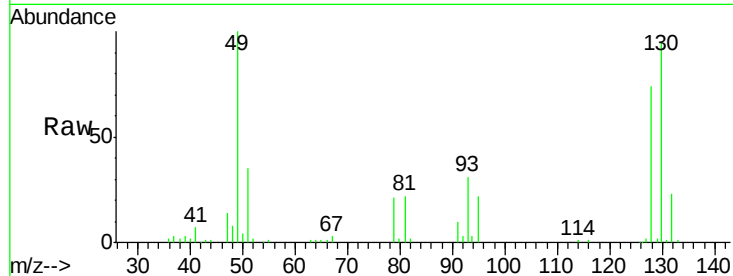
ClientSampleId :

VX0430WBSD01

Tot Ion:	128	Resp:	35644
Ion	Ratio	Lower	Upper
128	100		
49	145.3	0.0	378.3
130	129.9	0.0	324.3

Manual Integrations
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#2

Dichlorodifluoromethane

Concen: 20.50 ug/l

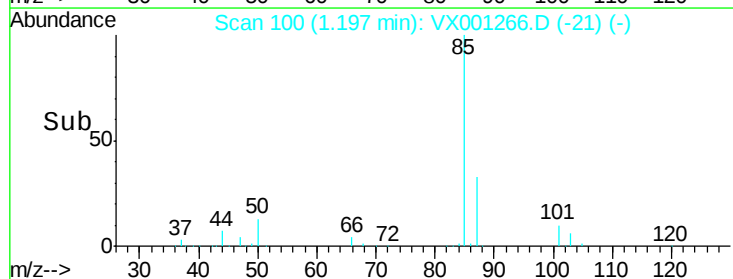
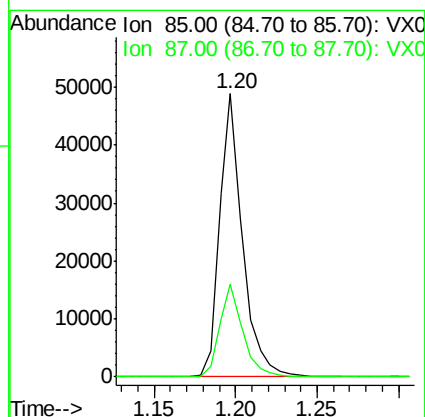
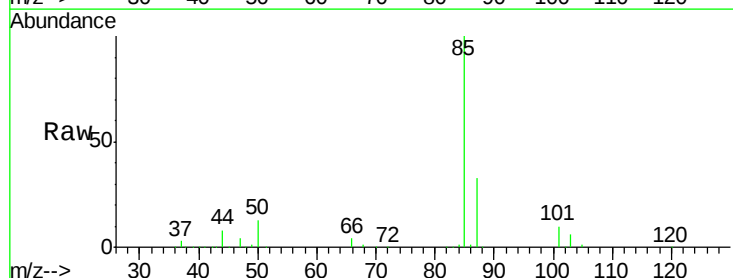
RT: 1.20 min Scan# 100

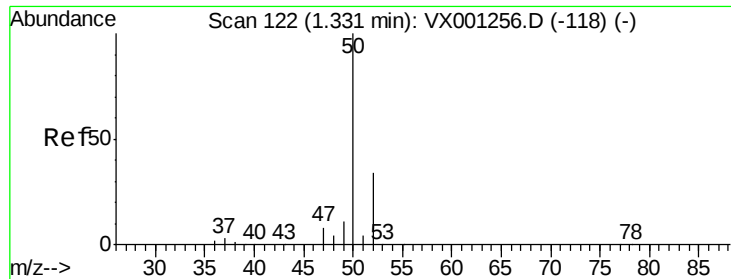
Delta R.T. 0.00 min

Lab File: VX001266.D

Acq: 30 Apr 2018 21:21

Tgt Ion:	85	Resp:	47911
Ion	Ratio	Lower	Upper
85	100		
87	32.6	16.6	49.7





#3

Chloromethane

Concen: 19.66 ug/l

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX001266.D

Acq: 30 Apr 2018 21:21

Instrument :

MSVOA_X

ClientSampleId :

VX0430WBSD01

Tot Ion: 50 Resp: 42872

Ion Ratio Lower Upper

50 100

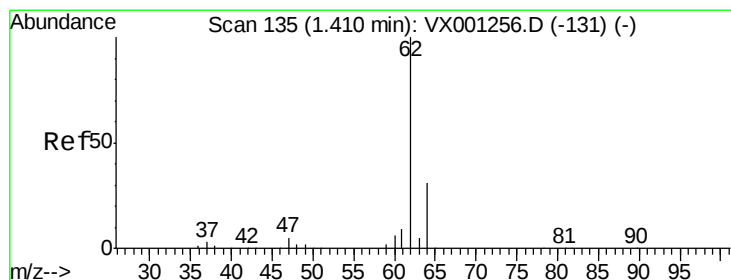
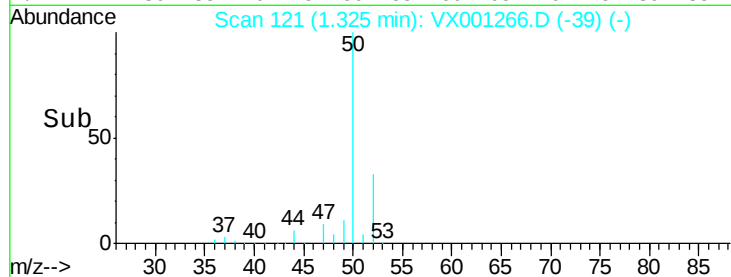
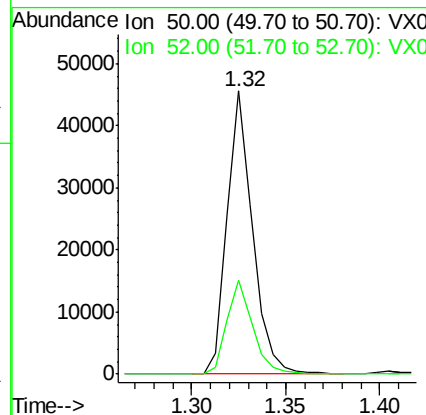
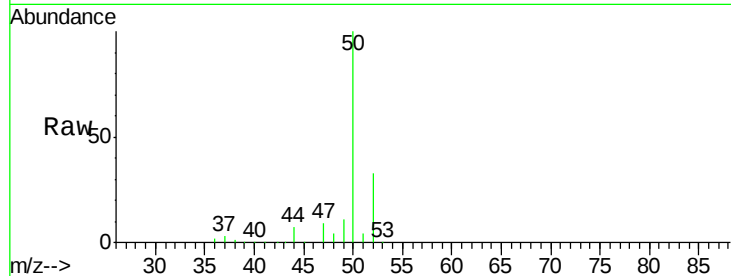
52 33.2 27.8 41.6

Manual Integrations

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#4

Vinyl Chloride

Concen: 20.45 ug/l

RT: 1.40 min Scan# 134

Delta R.T. 0.00 min

Lab File: VX001266.D

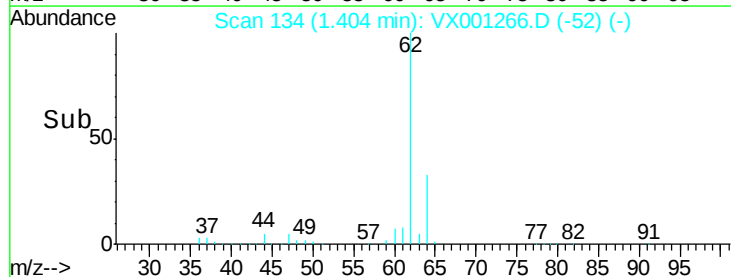
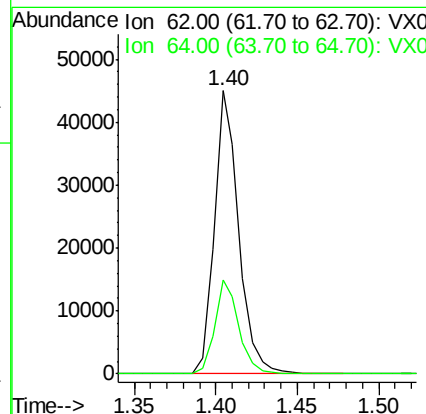
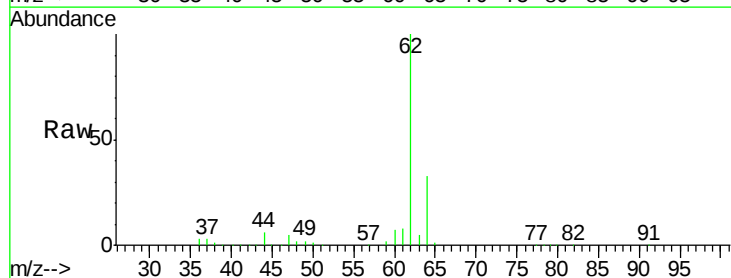
Acq: 30 Apr 2018 21:21

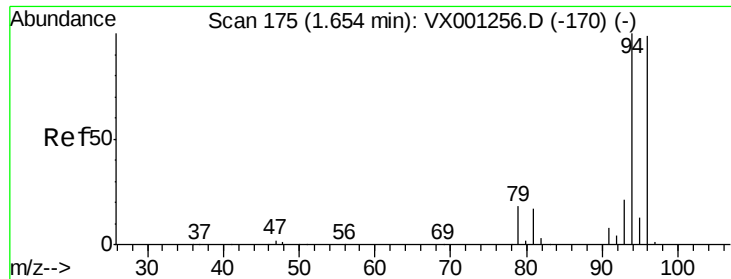
Tgt Ion: 62 Resp: 46790

Ion Ratio Lower Upper

62 100

64 33.1 26.0 39.0





#5

Bromomethane

Concen: 20.50 ug/l

RT: 1.65 min Scan# 174

Delta R.T. 0.01 min

Lab File: VX001266.D

Acq: 30 Apr 2018 21:21

Instrument :

MSVOA_X

ClientSampleId :

VX0430WBSD01

Tot Ion: 94 Resp: 35426

Ion Ratio Lower Upper

94 100

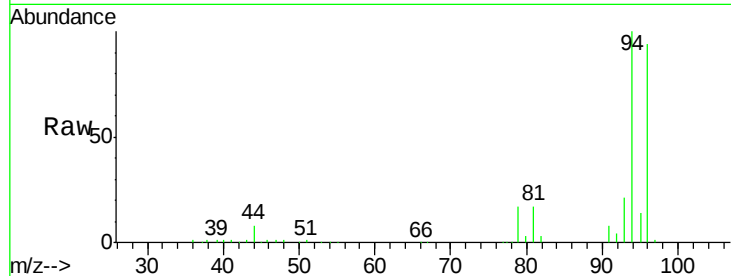
96 94.1 76.2 114.2

Manual Integrations

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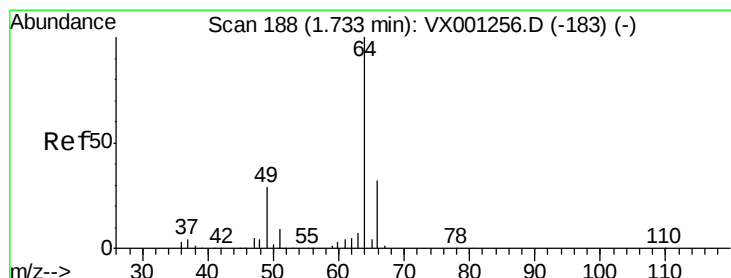
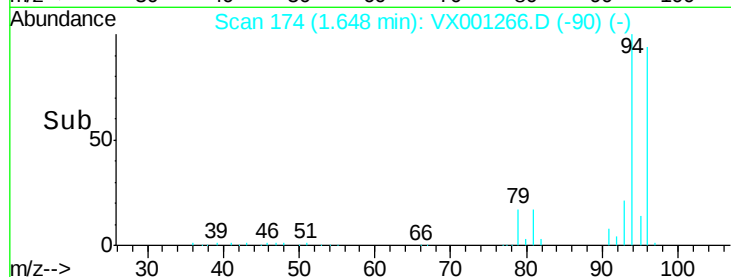
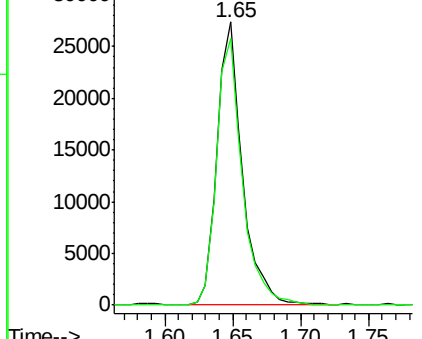
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Abundance Ion 94.00 (93.70 to 94.70): VX0

Ion 96.00 (95.70 to 96.70): VX0



#6

Chloroethane

Concen: 20.25 ug/l

RT: 1.73 min Scan# 187

Delta R.T. 0.01 min

Lab File: VX001266.D

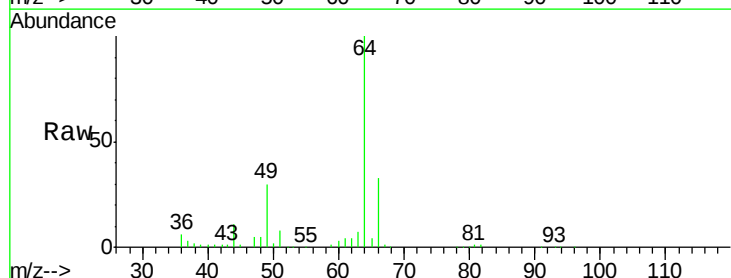
Acq: 30 Apr 2018 21:21

Tgt Ion: 64 Resp: 28340

Ion Ratio Lower Upper

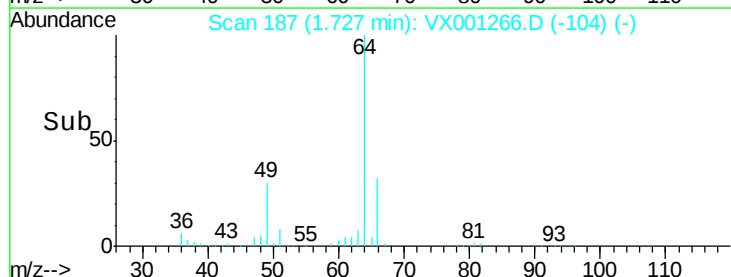
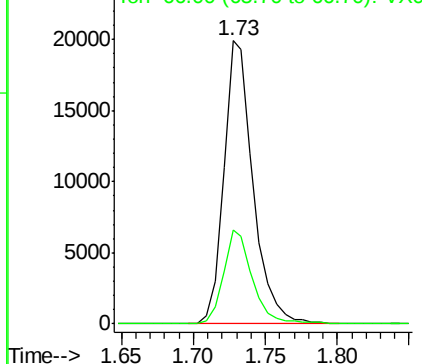
64 100

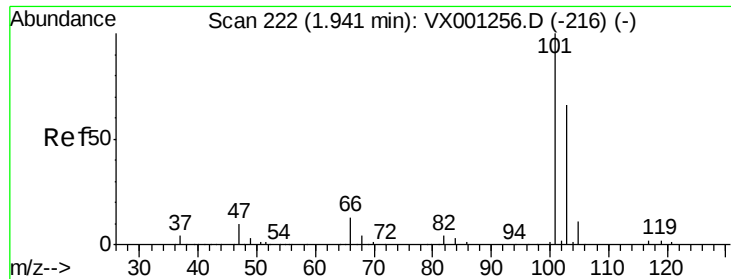
66 32.8 25.2 37.8



Abundance Ion 64.00 (63.70 to 64.70): VX0

Ion 66.00 (65.70 to 66.70): VX0





#7

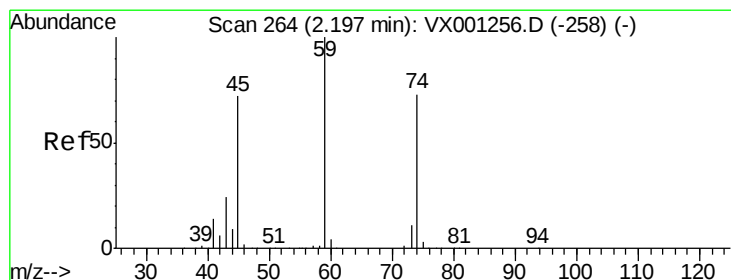
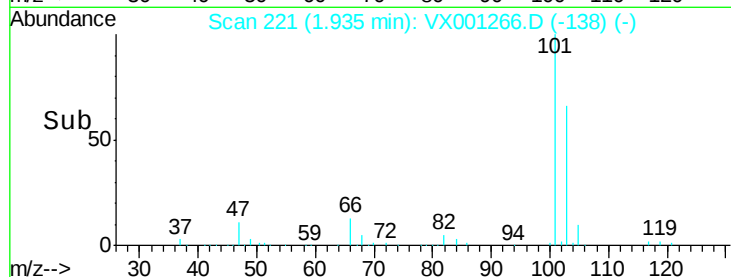
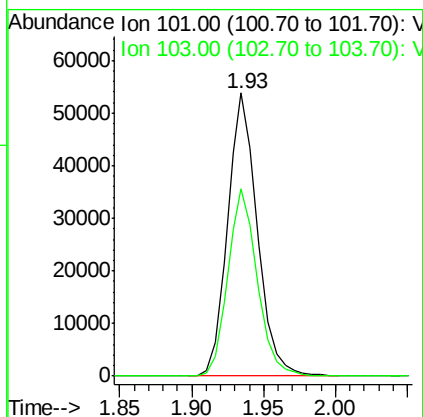
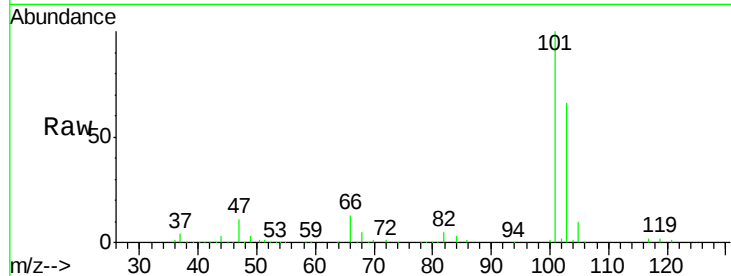
Trichlorofluoromethane
Concen: 20.44 ug/l
RT: 1.93 min Scan# 221
Delta R.T. 0.01 min
Lab File: VX001266.D
Acq: 30 Apr 2018 21:21

Instrument :
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ClientSampleId :
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Tot Ion:101 Resp: 77672
Ion Ratio Lower Upper
101 100
103 66.0 52.2 78.4

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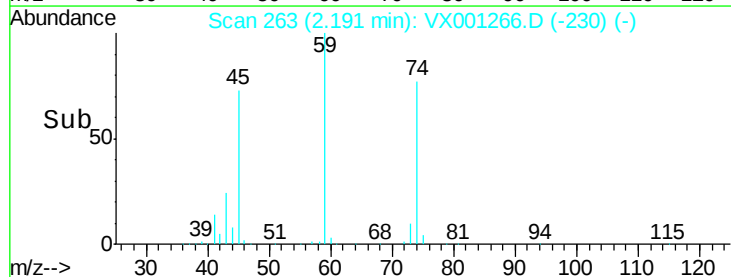
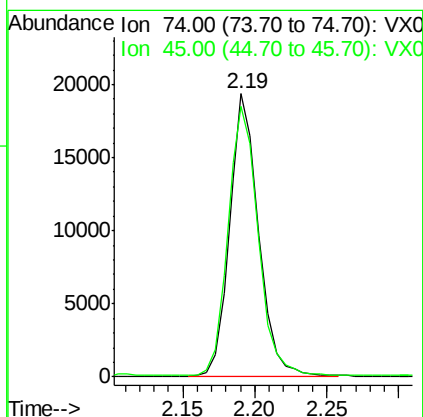
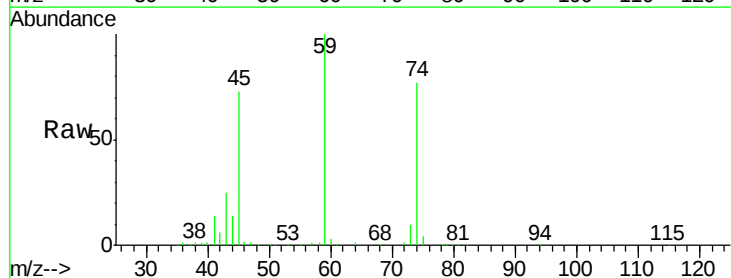
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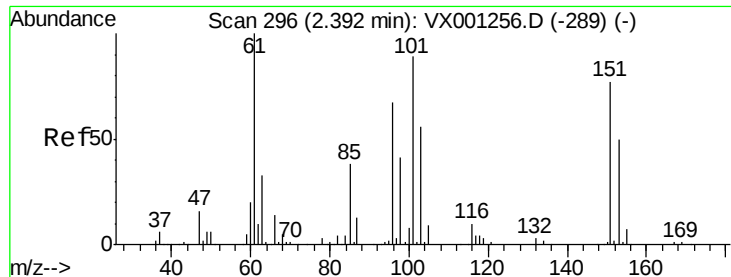


#8

Diethyl Ether
Concen: 20.74 ug/l
RT: 2.19 min Scan# 263
Delta R.T. 0.00 min
Lab File: VX001266.D
Acq: 30 Apr 2018 21:21

Tgt Ion: 74 Resp: 27369
Ion Ratio Lower Upper
74 100
45 99.3 17.8 159.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.06 ug/l

RT: 2.39 min Scan# 295

Delta R.T. 0.00 min

Lab File: VX001266.D

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MSVOA_X

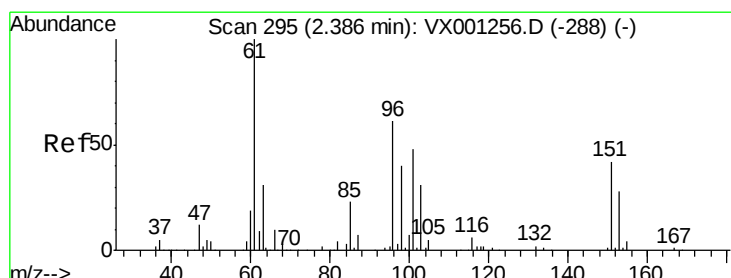
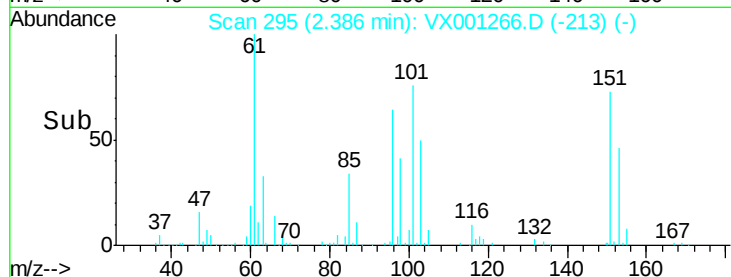
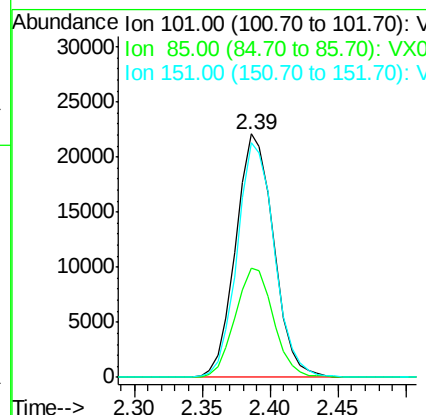
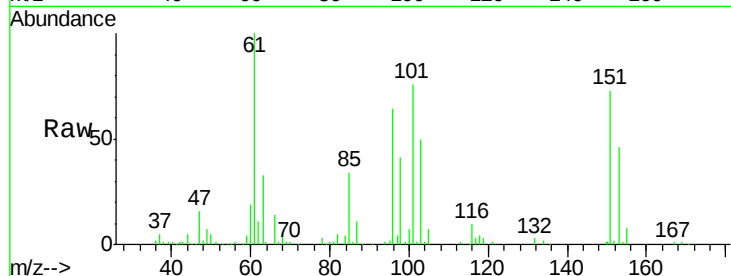
ClientSampleId :

VX0430WBSD01

Tot Ion:	101	Resp:	43222
Ion Ratio	Lower	Upper	
101	100		
85	45.2	0.0	90.4
151	94.5	0.0	167.6

Manual Integrations
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MMDadoda
5/2/2018 11:08:12 AM



#10

1,1-Dichloroethene

Concen: 20.21 ug/l

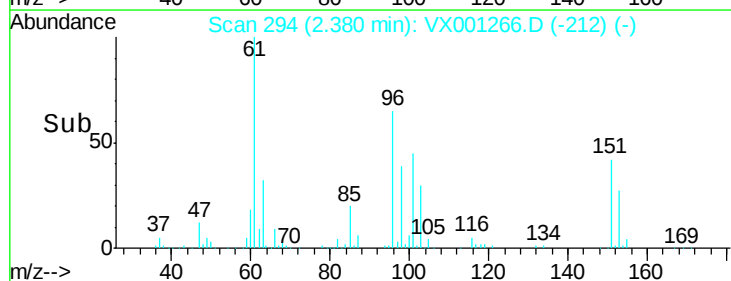
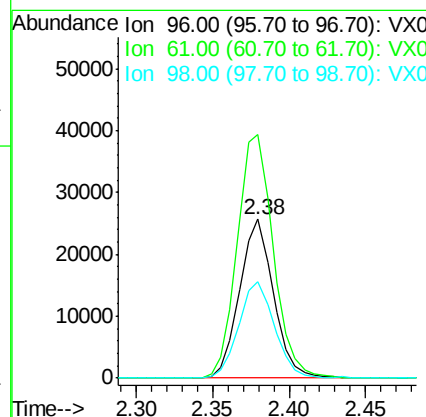
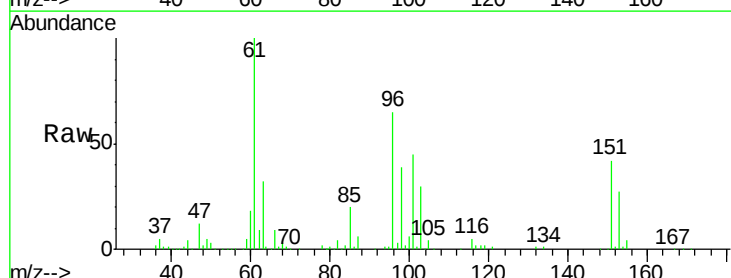
RT: 2.38 min Scan# 294

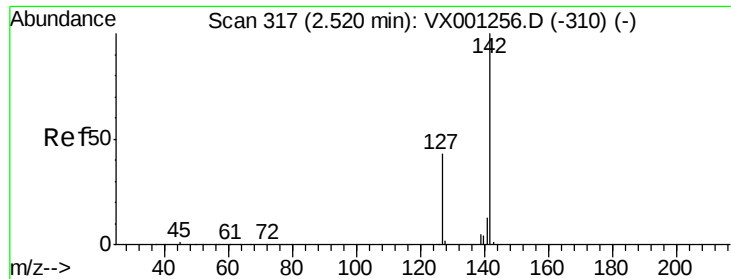
Delta R.T. 0.00 min

Lab File: VX001266.D

Acq: 30 Apr 2018 21:21

Tgt Ion:	96	Resp:	39455
Ion Ratio	Lower	Upper	
96	100		
61	153.5	118.6	178.0
98	60.4	51.0	76.6





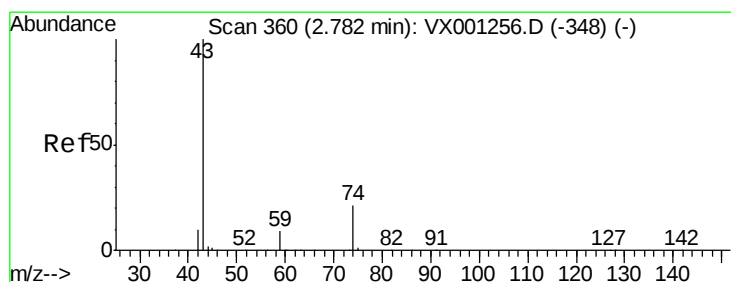
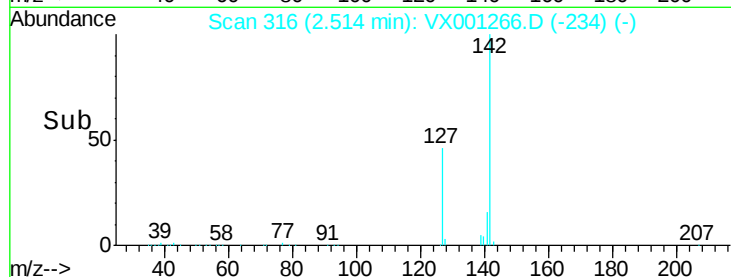
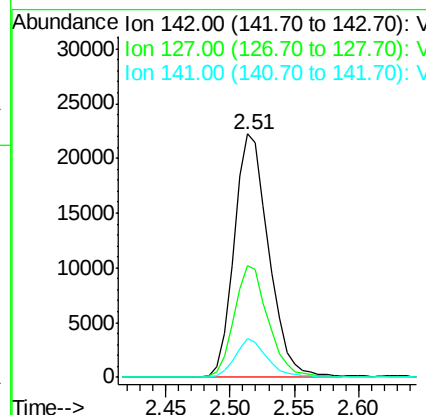
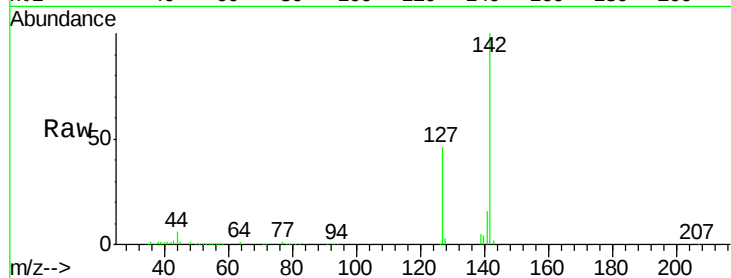
#11
Methvl Iodide
Concen: 17.50 ug/l
RT: 2.51 min Scan# 316
Delta R.T. 0.00 min
Lab File: VX001266.D
Acq: 30 Apr 2018 21:21

Instrument :
MSVOA_X
ClientSampleId :
VX0430WBSD01

Tot Ion	Ratio	Lower	Upper
142	100		
127	45.6	23.8	71.5
141	15.8	8.2	24.4

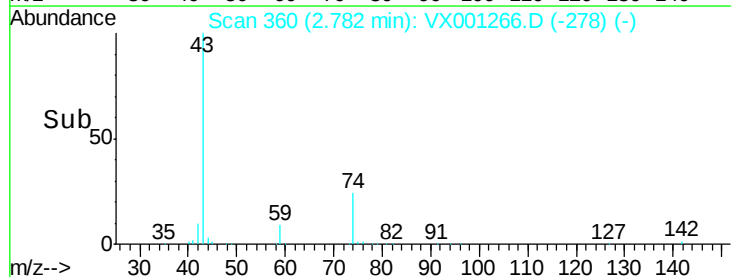
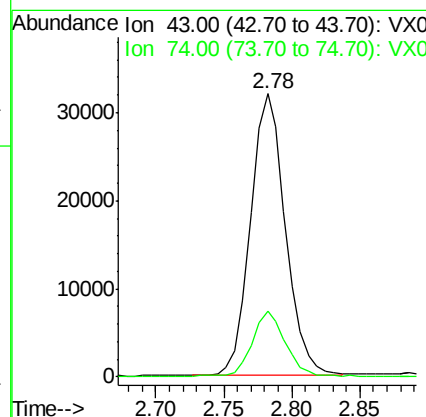
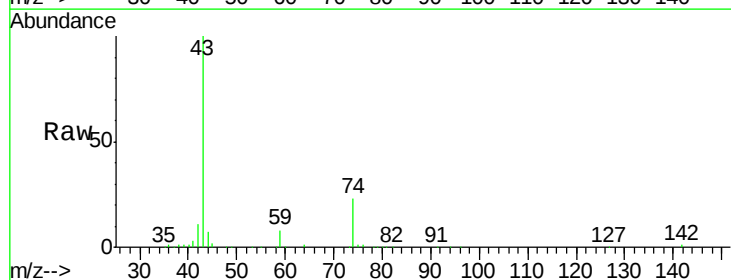
Manual Integrations
APPROVED

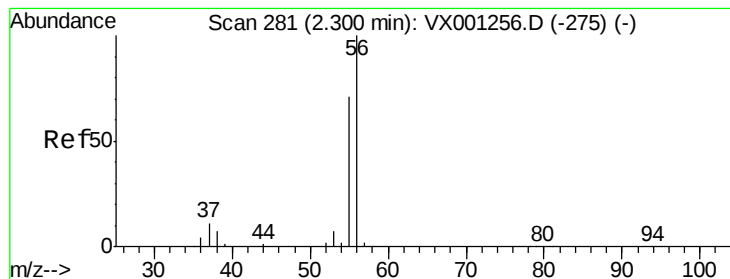
MMDadoda
5/2/2018 11:08:12 AM



#12
Methyl Acetate
Concen: 22.47 ug/l
RT: 2.78 min Scan# 360
Delta R.T. 0.00 min
Lab File: VX001266.D
Acq: 30 Apr 2018 21:21

Tgt Ion	Ratio	Lower	Upper
43	100		
74	23.2	18.6	27.8





#13

Acrolein

Concen: 96.23 ug/l

RT: 2.29 min Scan# 280

Delta R.T. 0.00 min

Lab File: VX001266.D

Acq: 30 Apr 2018 21:21

Instrument :

MSVOA_X

ClientSampleId :

VX0430WBSD01

Tot Ion: 56 Resp: 29459

Ion Ratio Lower Upper

56 100

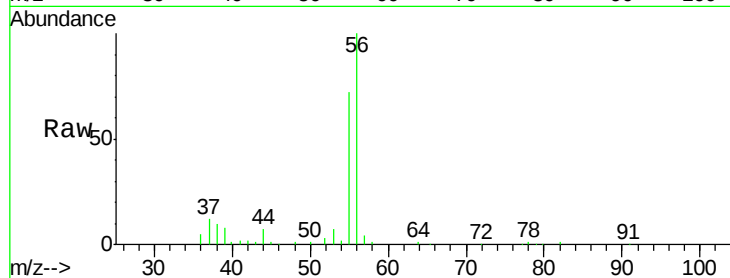
55 72.7 57.3 85.9

Manual Integrations

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Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

20000

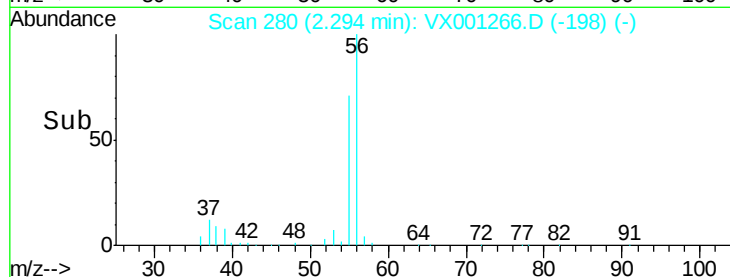
15000

10000

5000

0

Time-->



Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0

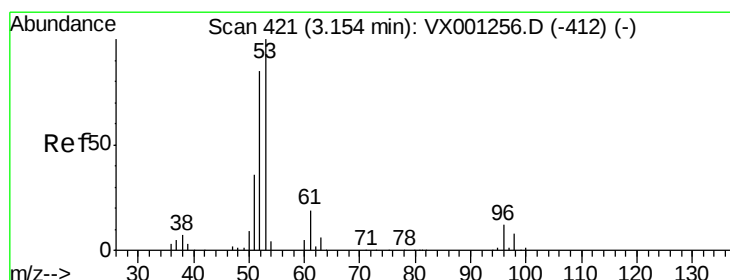
60000

40000

20000

0

Time-->



#14

Acrylonitrile

Concen: 111.30 ug/l

RT: 3.15 min Scan# 421

Delta R.T. 0.00 min

Lab File: VX001266.D

Acq: 30 Apr 2018 21:21

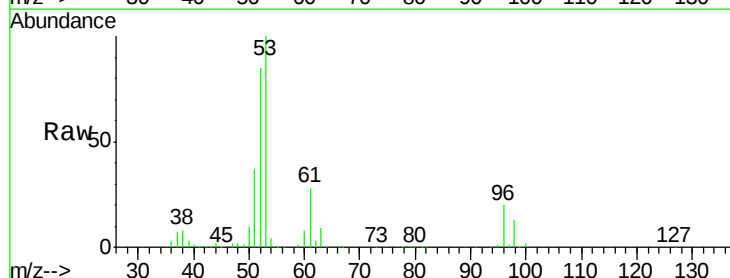
Tgt Ion: 53 Resp: 113707

Ion Ratio Lower Upper

53 100

52 83.6 41.9 125.8

51 38.0 18.8 56.3



Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0

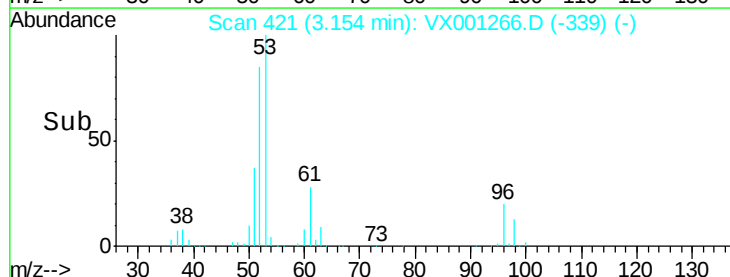
60000

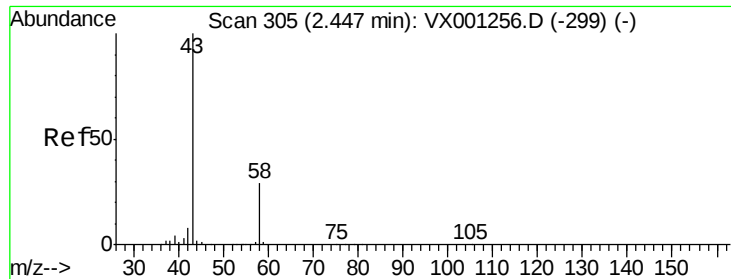
40000

20000

0

Time-->





#15

Acetone

Concen: 100.16 ug/l

RT: 2.45 min Scan# 305

Delta R.T. 0.00 min

Lab File: VX001266.D

Acq: 30 Apr 2018 21:21

Tot Ion: 58 Resp: 31838

Ion Ratio Lower Upper

58 100

43 341.0 264.6 396.8

Instrument :

MSVOA_X

ClientSampleId :

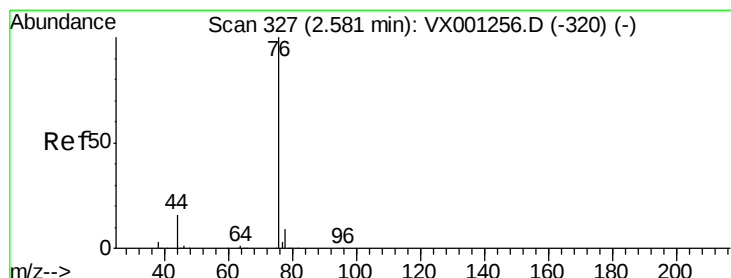
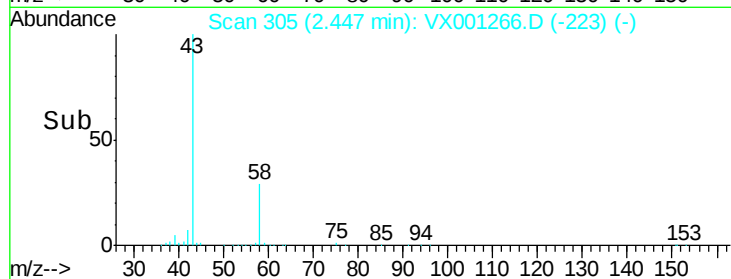
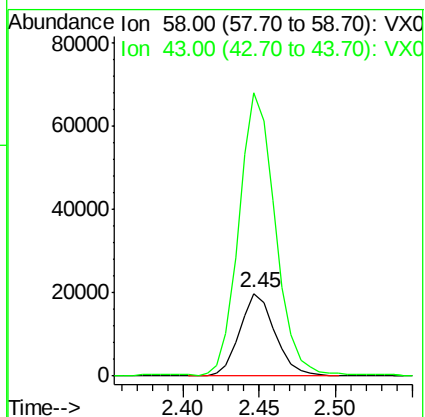
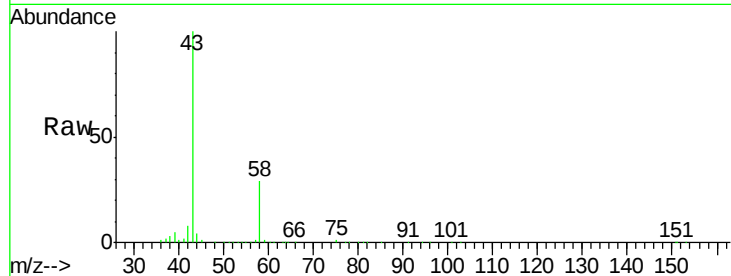
VX0430WBSD01

Manual Integrations

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#16

Carbon Disulfide

Concen: 19.05 ug/l

RT: 2.57 min Scan# 326

Delta R.T. 0.00 min

Lab File: VX001266.D

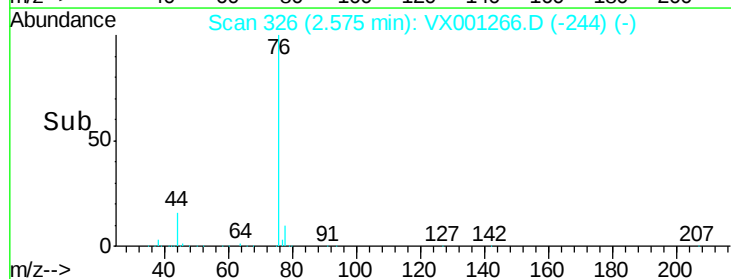
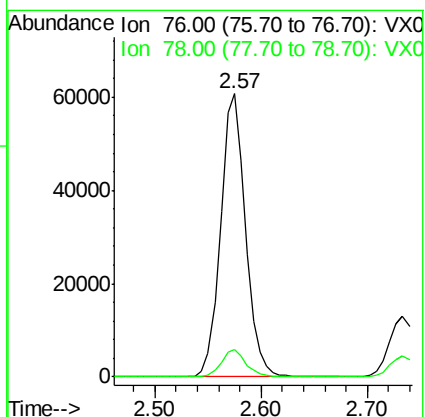
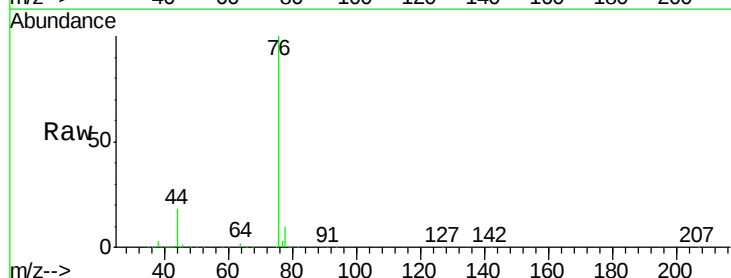
Acq: 30 Apr 2018 21:21

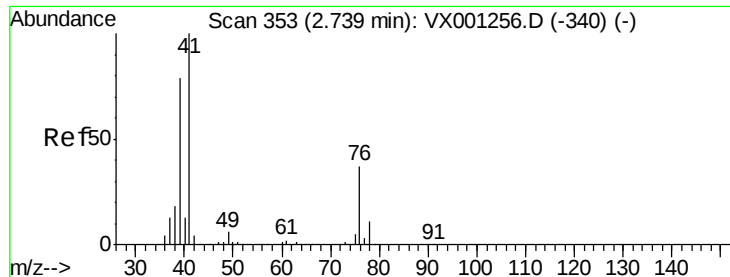
Tgt Ion: 76 Resp: 98930

Ion Ratio Lower Upper

76 100

78 9.6 6.8 10.2





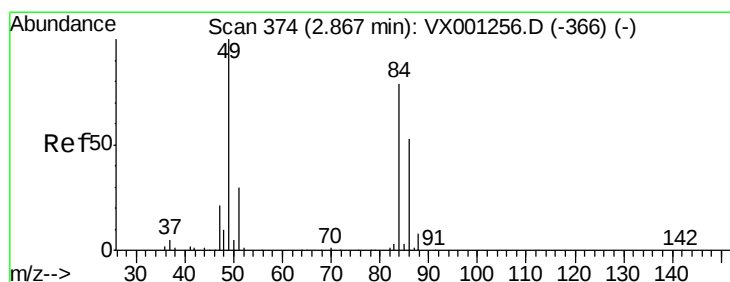
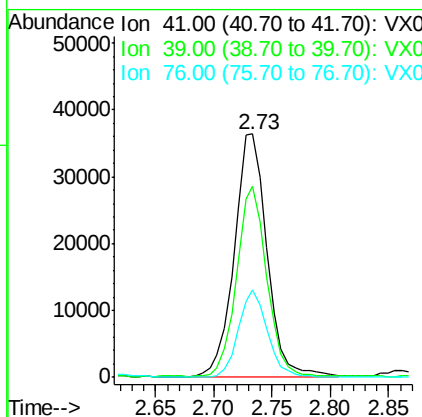
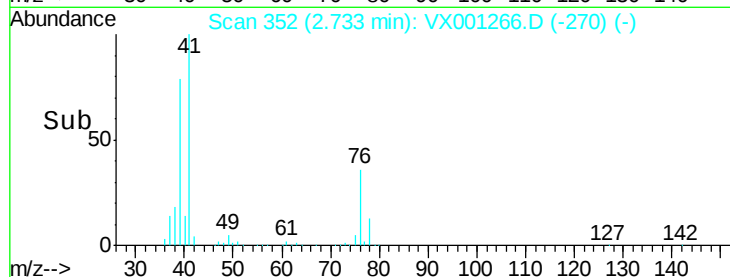
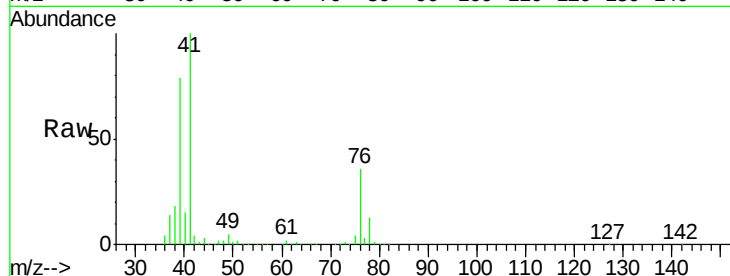
#17
Allvl chloride
Concen: 20.50 ug/l
RT: 2.73 min Scan# 352
Delta R.T. 0.00 min
Lab File: VX001266.D
Acq: 30 Apr 2018 21:21

Instrument :
MSVOA_X
ClientSampleId :
VX0430WBSD01

Tot Ion	Ratio	Lower	Upper
41	100		
39	78.7	38.5	115.5
76	35.9	18.7	56.1

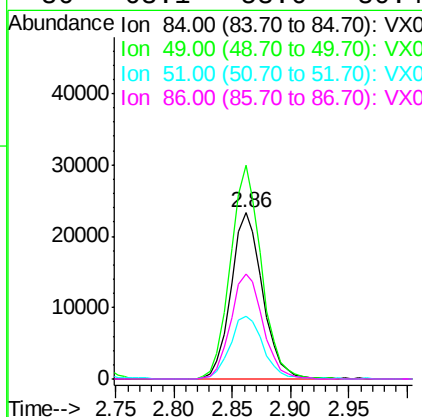
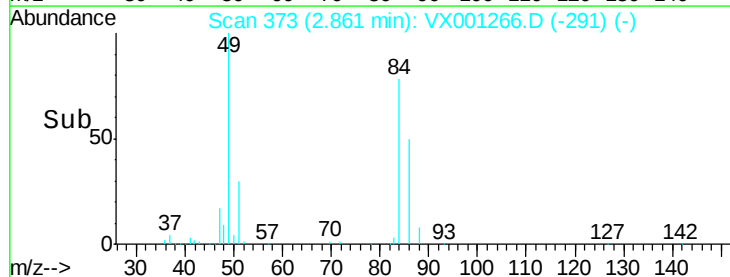
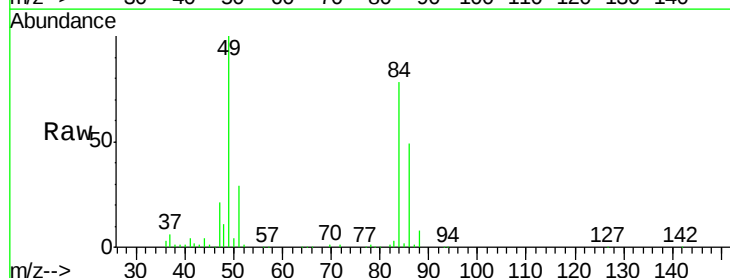
Manual Integrations
APPROVED

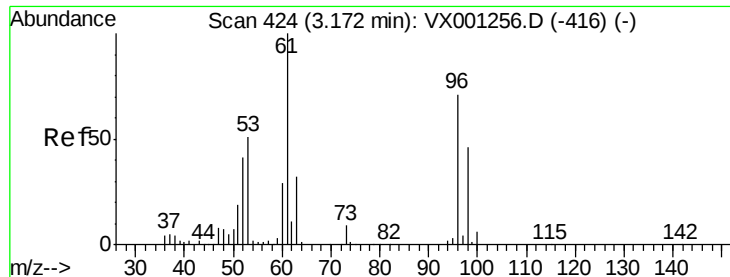
MMDadoda
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#18
Methylene Chloride
Concen: 20.68 ug/l
RT: 2.86 min Scan# 373
Delta R.T. 0.00 min
Lab File: VX001266.D
Acq: 30 Apr 2018 21:21

Tgt Ion	Ratio	Lower	Upper
84	100		
49	128.4	103.3	154.9
51	37.5	31.2	46.8
86	63.1	53.6	80.4





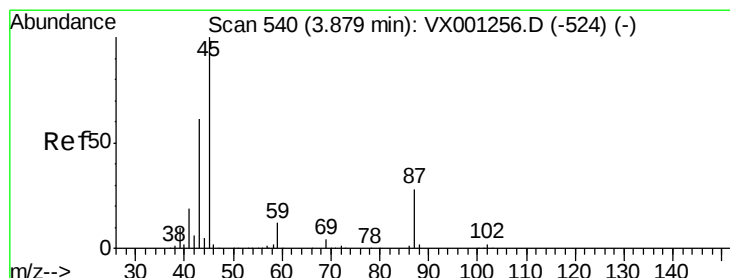
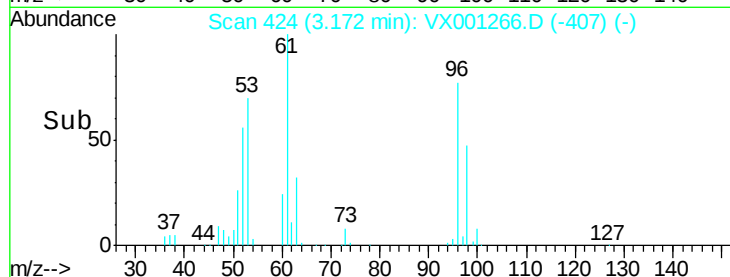
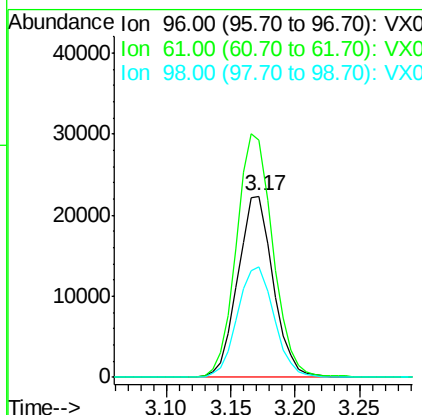
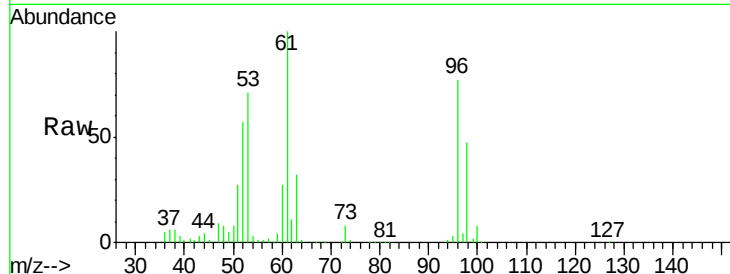
#19
trans-1,2-Dichloroethene
Concen: 20.36 ug/l
RT: 3.17 min Scan# 424
Delta R.T. 0.01 min
Lab File: VX001266.D
Acq: 30 Apr 2018 21:21

Instrument :
MSVOA_X
ClientSampleId :
VX0430WBSD01

Tot Ion	Ratio	Lower	Upper
96	100		
61	130.7	101.0	151.6
98	61.3	53.3	79.9

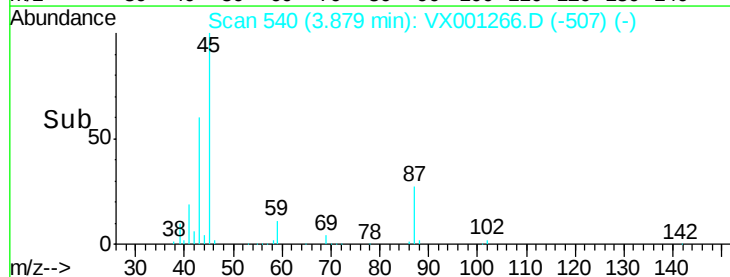
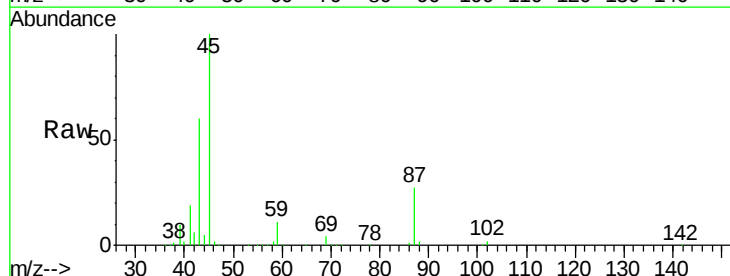
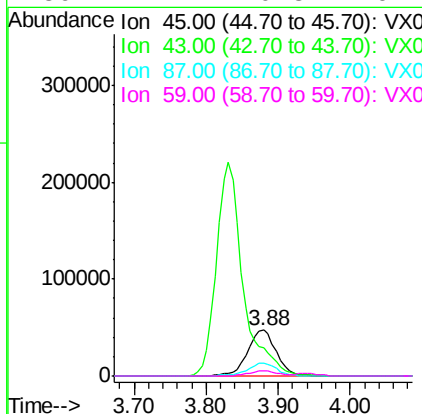
Manual Integrations
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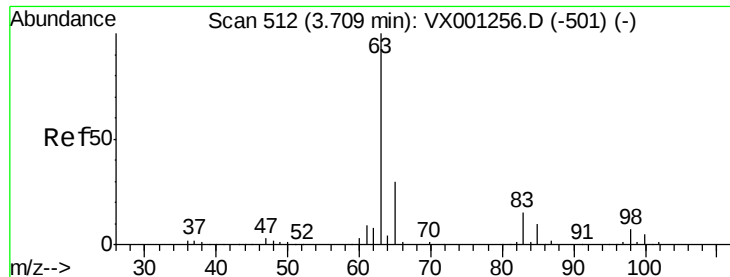
MMDadoda
5/2/2018 11:08:12 AM



#20
Diisopropyl ether
Concen: 19.37 ug/l
RT: 3.88 min Scan# 540
Delta R.T. 0.00 min
Lab File: VX001266.D
Acq: 30 Apr 2018 21:21

Tgt Ion	Ratio	Lower	Upper
45	100		
43	59.7	49.6	74.4
87	26.7	23.1	34.7
59	11.1	10.8	16.2





#21

1,1-Dichloroethane

Concen: 19.73 ug/l

RT: 3.70 min Scan# 511

Delta R.T. 0.00 min

Lab File: VX001266.D

Acq: 30 Apr 2018 21:21

Instrument :

MSVOA_X

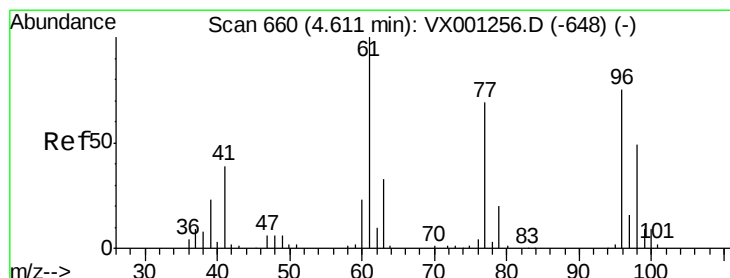
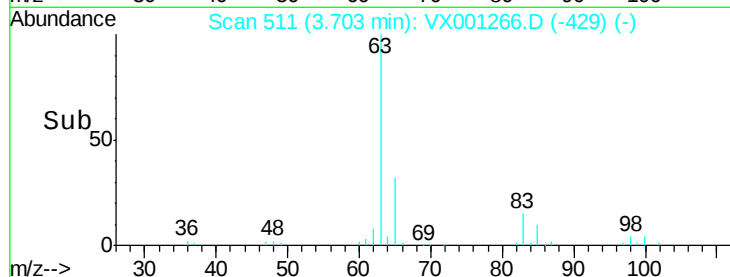
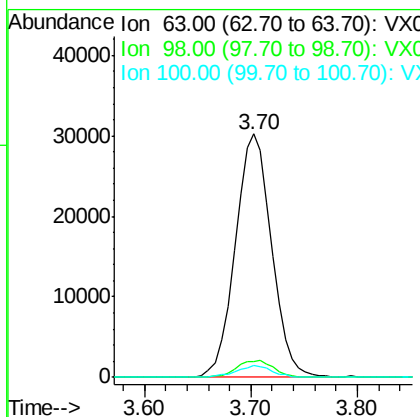
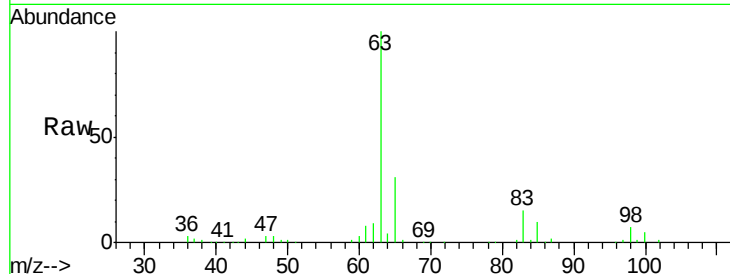
ClientSampleId :

VX0430WBSD01

Tot Ion:	63	Resp:	72278
Ion	Ratio	Lower	Upper
63	100		
98	6.7	3.3	9.9
100	4.8	2.1	6.5

Manual Integrations
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#22

cis-1,2-Dichloroethene

Concen: 20.04 ug/l

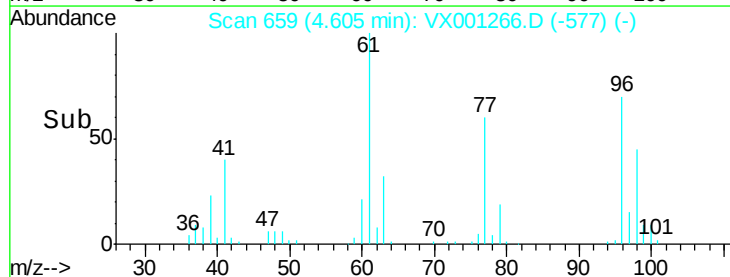
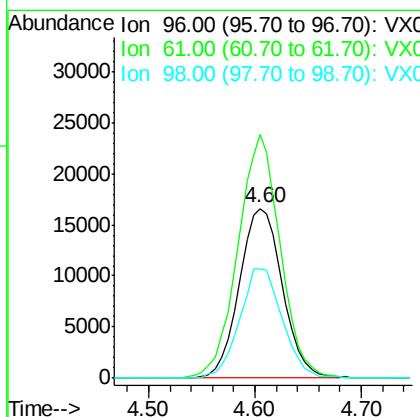
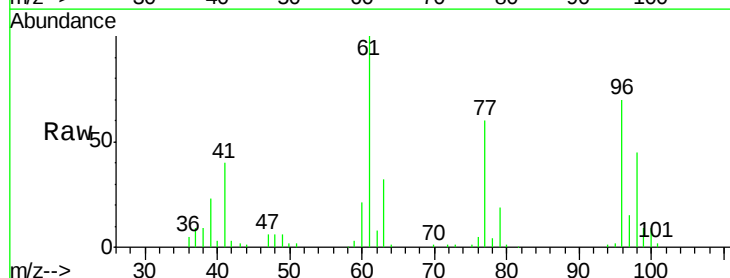
RT: 4.60 min Scan# 659

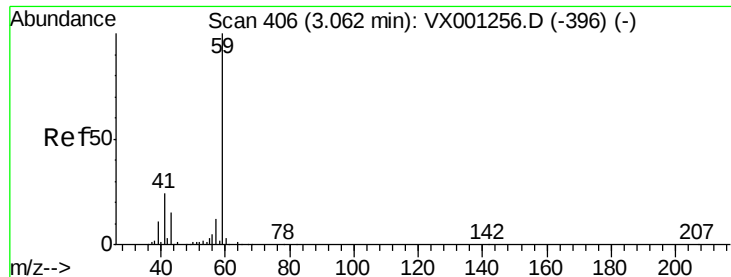
Delta R.T. 0.00 min

Lab File: VX001266.D

Acq: 30 Apr 2018 21:21

Tgt Ion:	96	Resp:	47097
Ion	Ratio	Lower	Upper
96	100		
61	140.5	113.5	170.3
98	63.8	51.8	77.8





#23

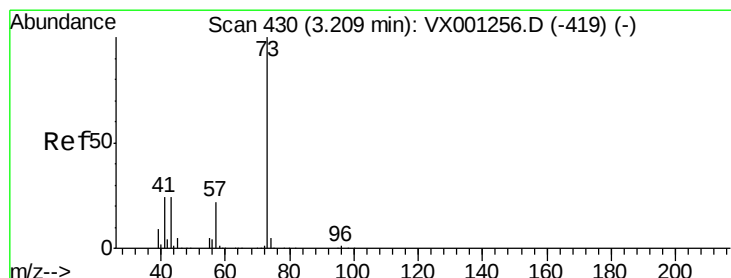
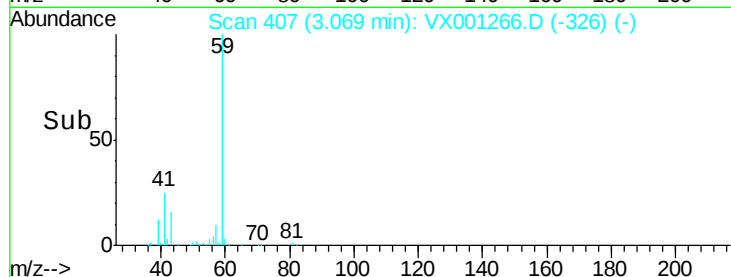
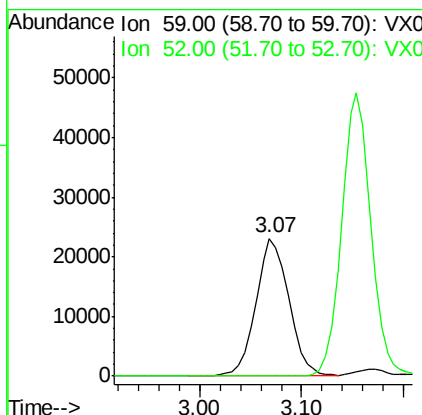
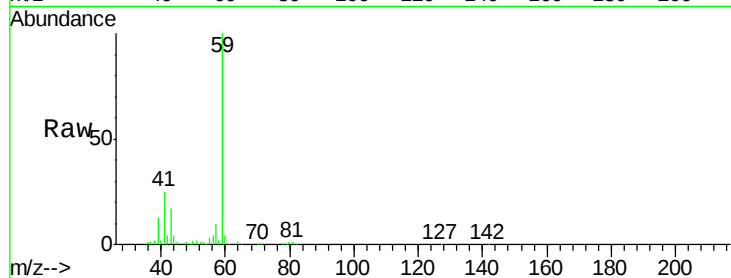
tert-Butyl Alcohol
 Concen: 124.75 ug/l
 RT: 3.07 min Scan# 407
 Delta R.T. -0.01 min
 Lab File: VX001266.D
 Acq: 30 Apr 2018 21:21

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0430WBSD01

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

Manual Integrations
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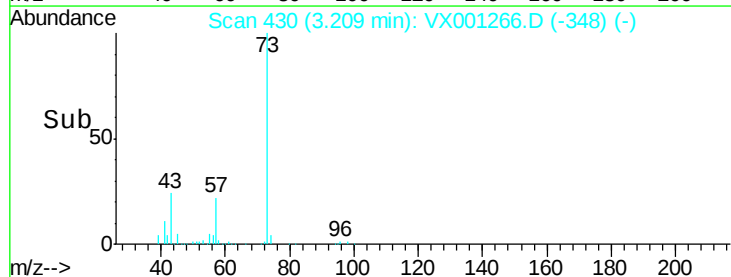
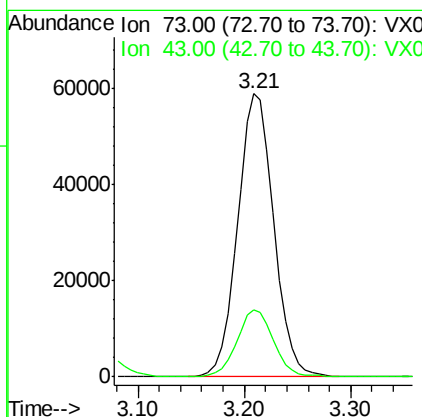
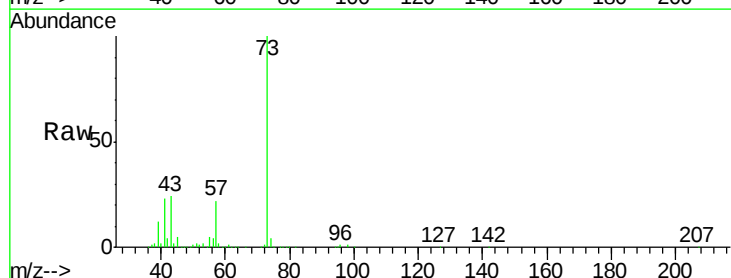
MMDadoda
 5/2/2018 11:08:12 AM

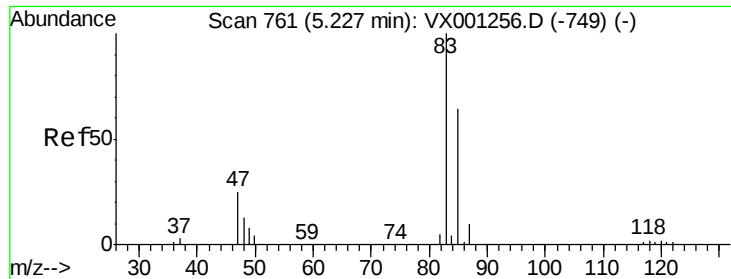


#24

Methyl tert-Butyl Ether
 Concen: 20.89 ug/l
 RT: 3.21 min Scan# 430
 Delta R.T. 0.00 min
 Lab File: VX001266.D
 Acq: 30 Apr 2018 21:21

Tgt Ion	Ratio	Lower	Upper
73	100		
43	23.3	16.5	24.7





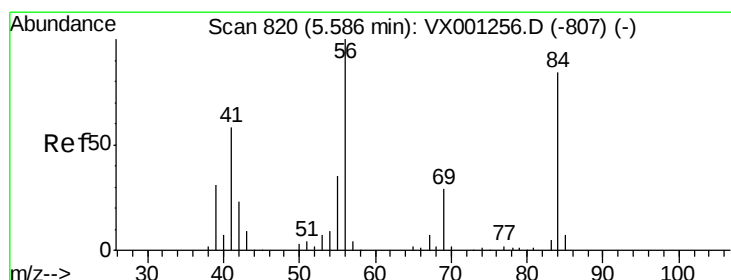
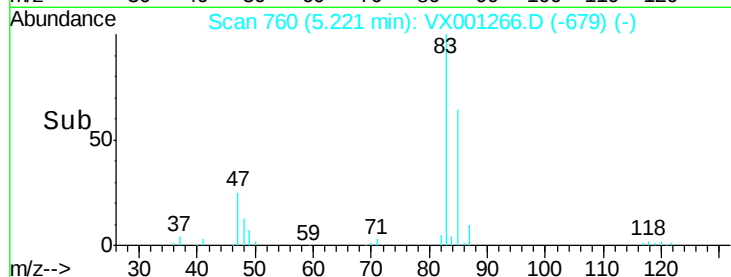
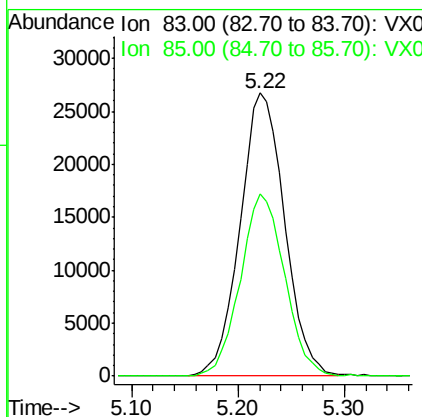
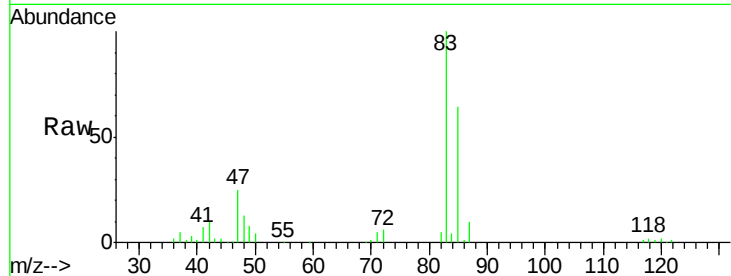
#25
Chloroform
Concen: 19.65 ug/l
RT: 5.22 min Scan# 760
Delta R.T. -0.01 min
Lab File: VX001266.D
Acq: 30 Apr 2018 21:21

Instrument :
MSVOA_X
ClientSampleId :
VX0430WBSD01

Tot Ion	83	Resp	78404
Ion Ratio	100	Lower	Upper
85	64.2	52.5	78.7

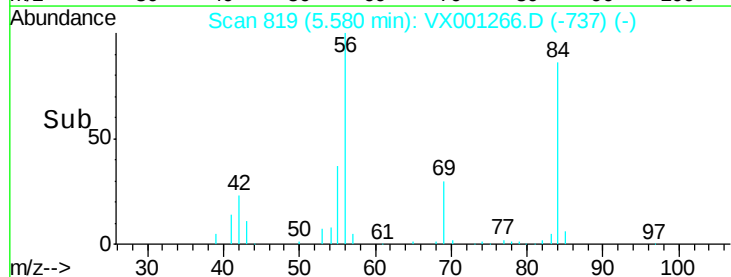
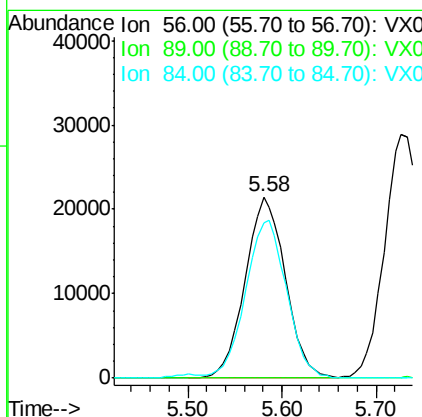
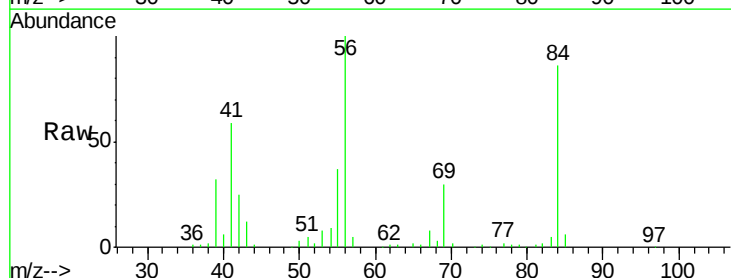
Manual Integrations
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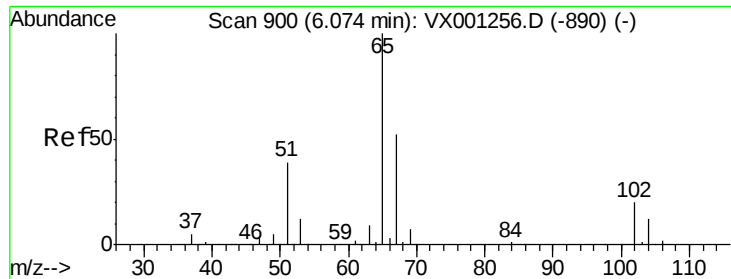
MMDadoda
5/2/2018 11:08:12 AM



#26
Cyclohexane
Concen: 19.30 ug/l
RT: 5.58 min Scan# 819
Delta R.T. 0.00 min
Lab File: VX001266.D
Acq: 30 Apr 2018 21:21

Tgt Ion	56	Resp	64301
Ion Ratio	100	Lower	Upper
89	0.0	0.0	0.0
84	88.8	74.8	112.2





#27

1,2-Dichloroethane-d4

Concen: 30.16 ug/l

RT: 6.07 min Scan# 900

Delta R.T. 0.00 min

Lab File: VX001266.D

Acq: 30 Apr 2018 21:21

Tot Ion: 65 Resp: 77545

Ion Ratio Lower Upper

65 100

67 52.1 41.4 62.2

Instrument :

MSVOA_X

ClientSampled :

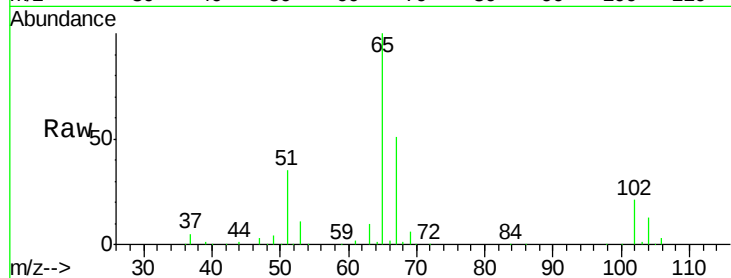
VX0430WBSD01

Manual Integrations

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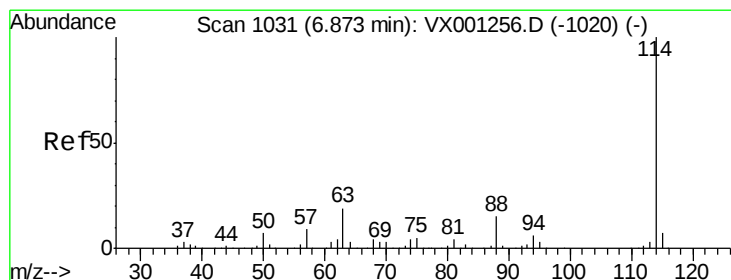
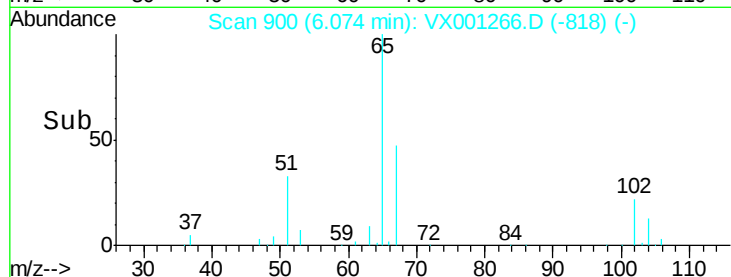
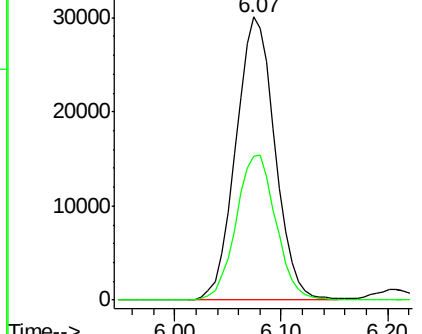
MMDadoda

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Abundance Ion 65.00 (64.70 to 65.70): VX0

Ion 67.00 (66.70 to 67.70): VX0



#28

1,4-Difluorobenzene

Concen: 30.00 ug/l

RT: 6.87 min Scan# 1030

Delta R.T. 0.00 min

Lab File: VX001266.D

Acq: 30 Apr 2018 21:21

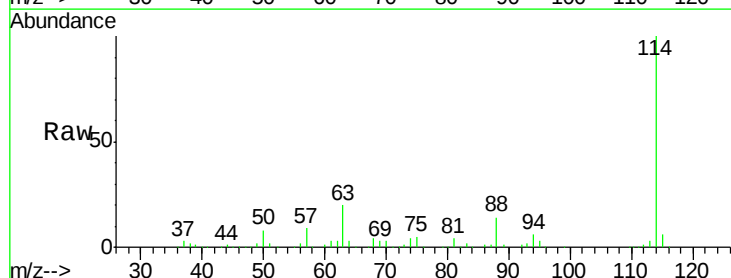
Tgt Ion: 114 Resp: 198344

Ion Ratio Lower Upper

114 100

63 19.0 15.0 22.4

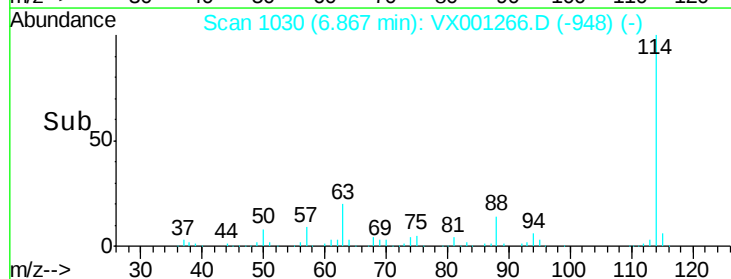
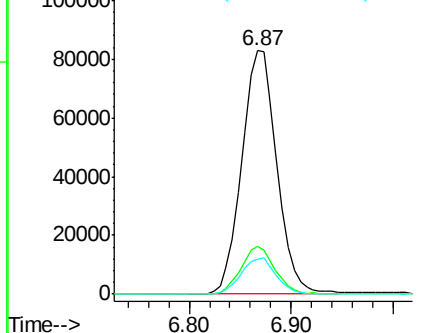
88 14.8 11.8 17.8

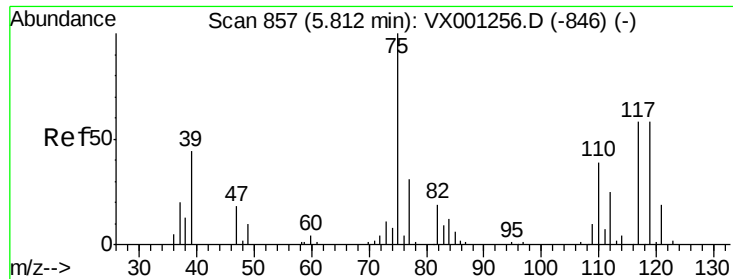


Abundance Ion 114.00 (113.70 to 114.70): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 88.00 (87.70 to 88.70): VX0





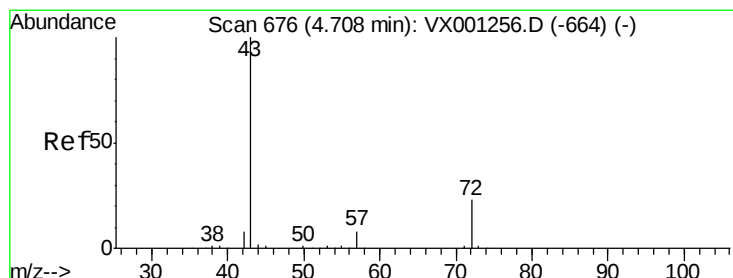
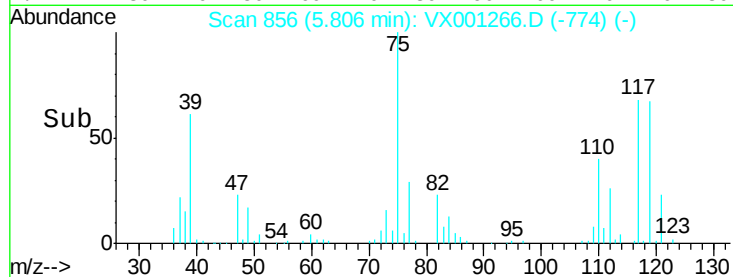
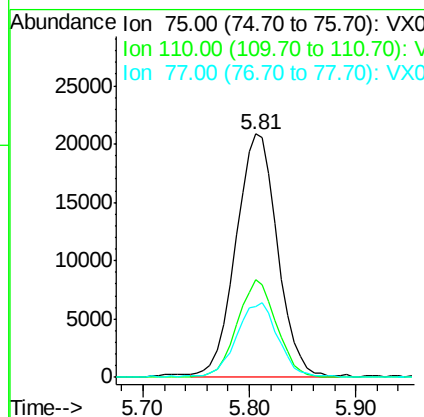
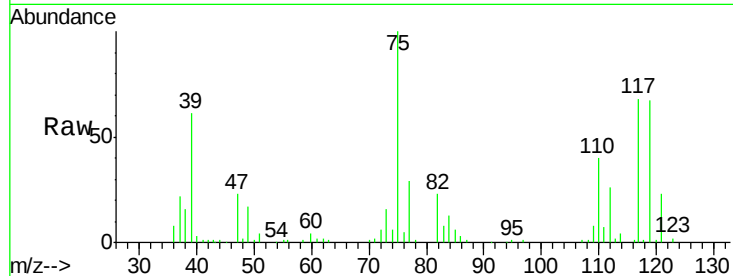
#29
 1,1-Dichloropropene
 Concen: 19.48 ug/l
 RT: 5.81 min Scan# 856
 Delta R.T. 0.00 min
 Lab File: VX001266.D
 Acq: 30 Apr 2018 21:21

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0430WBSD01

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

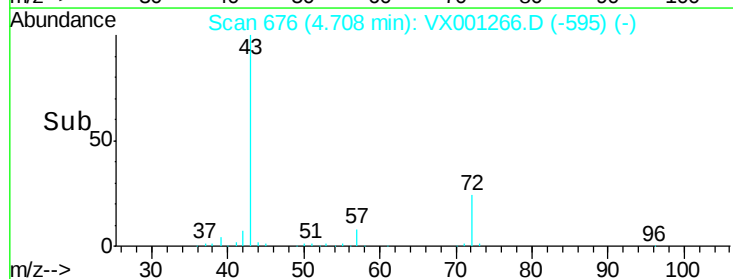
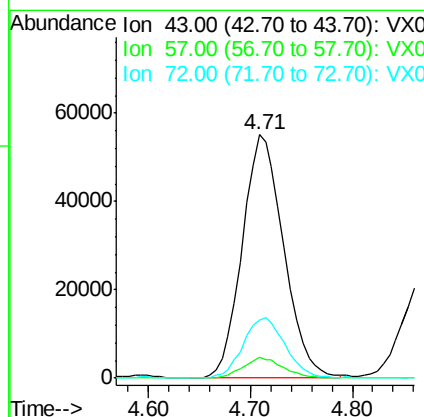
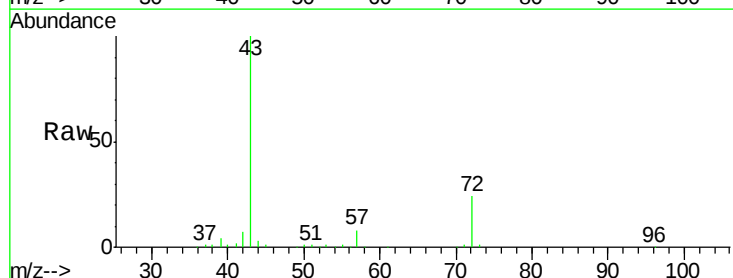
Manual Integrations
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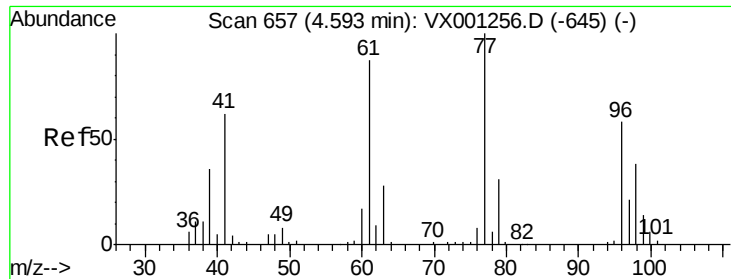
MMDadoda
 5/2/2018 11:08:12 AM



#30
 2-Butanone
 Concen: 102.88 ug/l
 RT: 4.71 min Scan# 676
 Delta R.T. -0.01 min
 Lab File: VX001266.D
 Acq: 30 Apr 2018 21:21

Tgt Ion	Ratio	Lower	Upper
43	100		
57	8.2	6.6	10.0
72	25.3	21.8	32.6





#31

2,2-Dichloropropane

Concen: 17.50 ug/l

RT: 4.59 min Scan# 656

Delta R.T. -0.01 min

Lab File: VX001266.D

Acq: 30 Apr 2018 21:21

Instrument :

MSVOA_X

ClientSampleId :

VX0430WBSD01

Tot Ion: 77 Resp: 56126

Ion Ratio Lower Upper

77 100

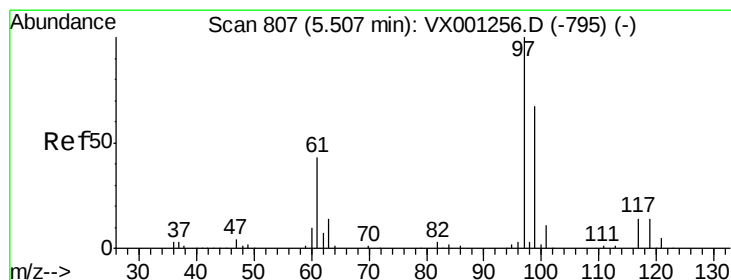
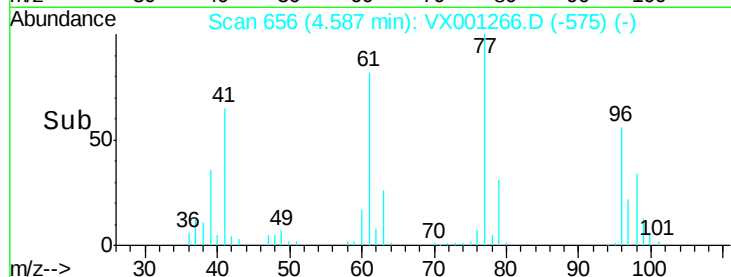
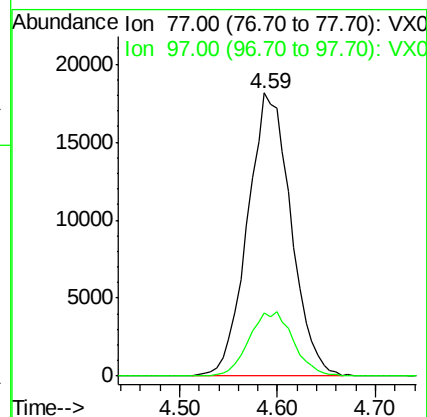
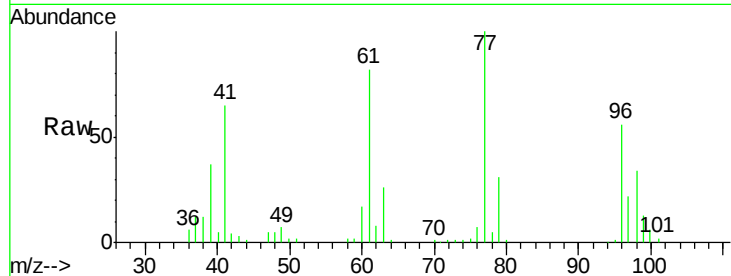
97 23.3 18.6 27.8

Manual Integrations

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#32

1,1,1-Trichloroethane

Concen: 19.04 ug/l

RT: 5.50 min Scan# 806

Delta R.T. 0.00 min

Lab File: VX001266.D

Acq: 30 Apr 2018 21:21

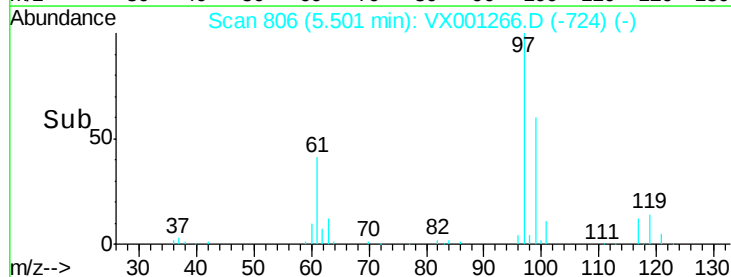
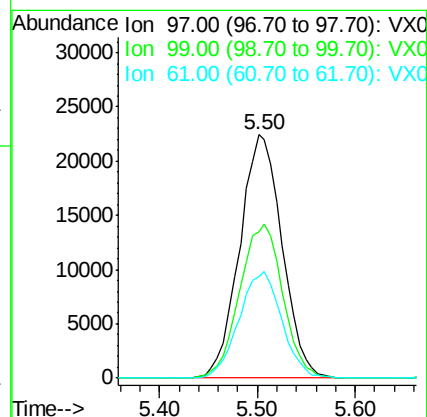
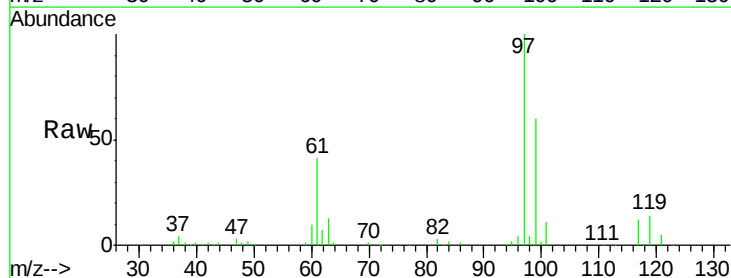
Tgt Ion: 97 Resp: 67703

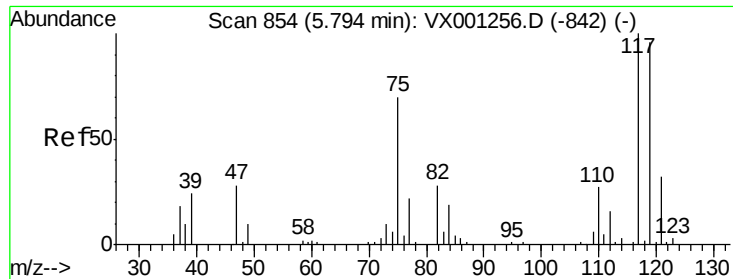
Ion Ratio Lower Upper

97 100

99 64.3 52.3 78.5

61 44.0 34.3 51.5





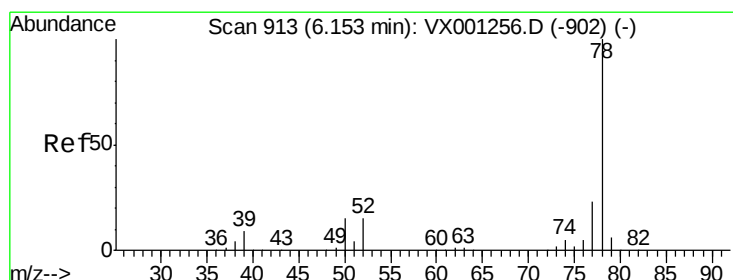
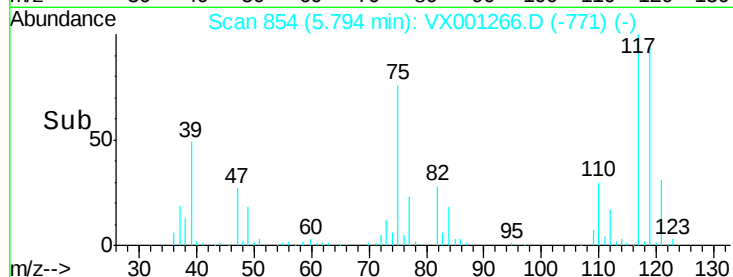
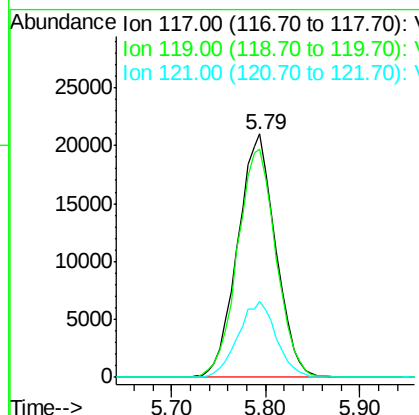
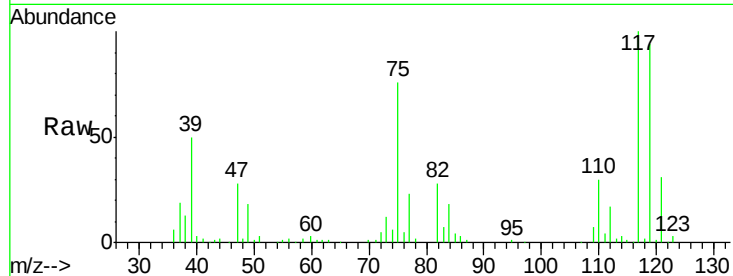
#33
Carbon Tetrachloride
Concen: 18.50 ug/l
RT: 5.79 min Scan# 854
Delta R.T. 0.01 min
Lab File: VX001266.D
Acq: 30 Apr 2018 21:21

Instrument :
MSVOA_X
ClientSampleId :
VX0430WBSD01

Tot Ion	Ratio	Lower	Upper
117	100		
119	93.8	73.5	110.3
121	31.1	24.6	37.0

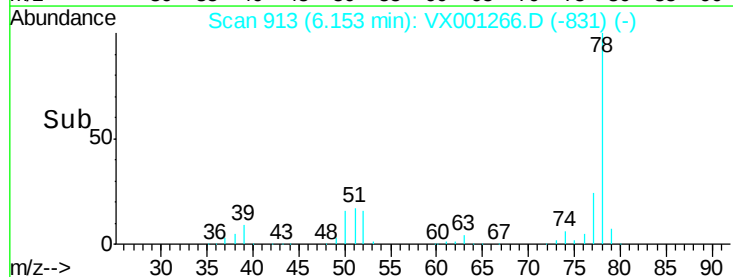
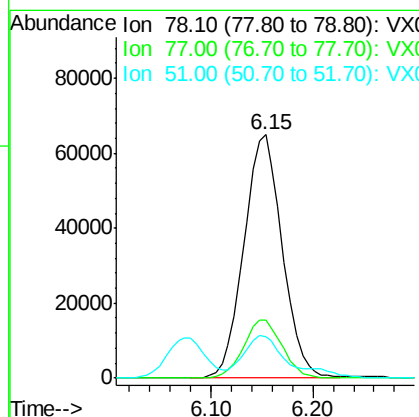
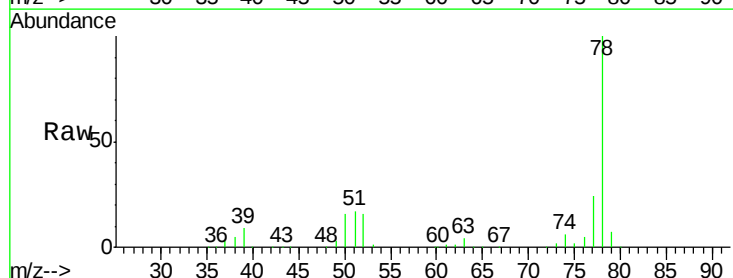
Manual Integrations
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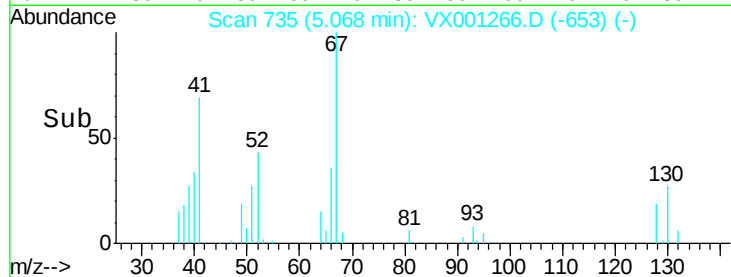
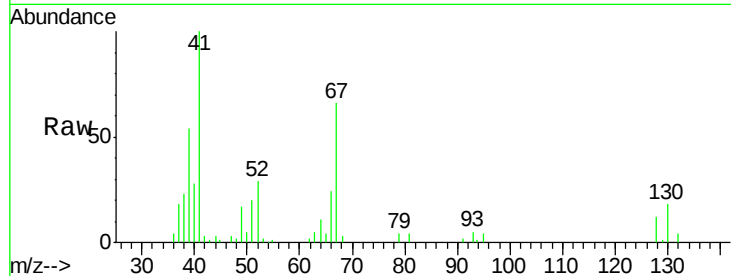
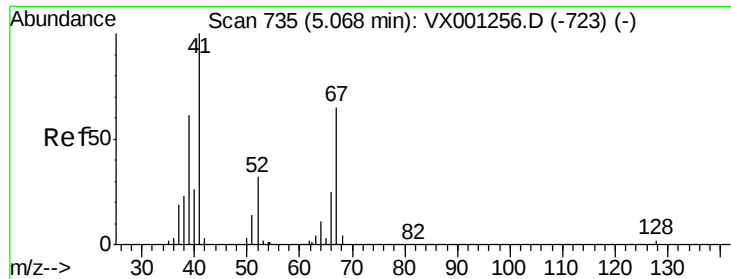
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#34
Benzene
Concen: 19.53 ug/l
RT: 6.15 min Scan# 913
Delta R.T. 0.00 min
Lab File: VX001266.D
Acq: 30 Apr 2018 21:21

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.5	21.7	32.5
51	15.5	14.9	22.3





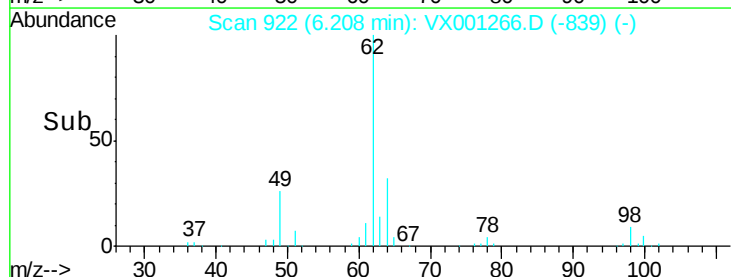
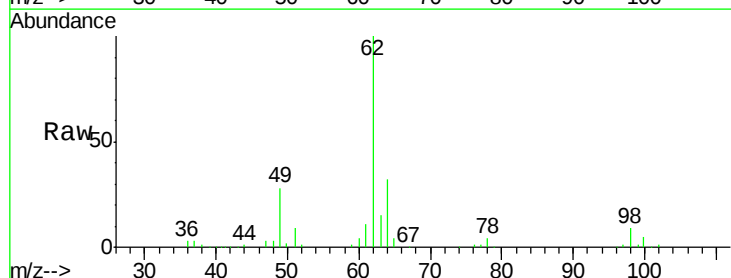
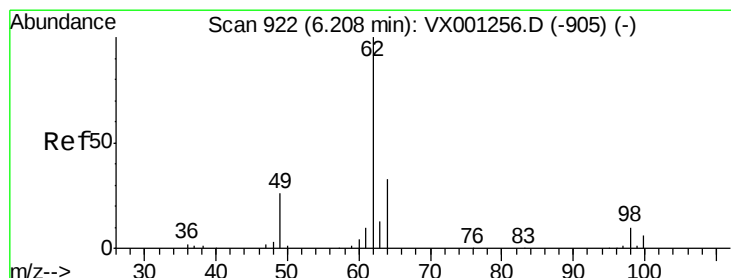
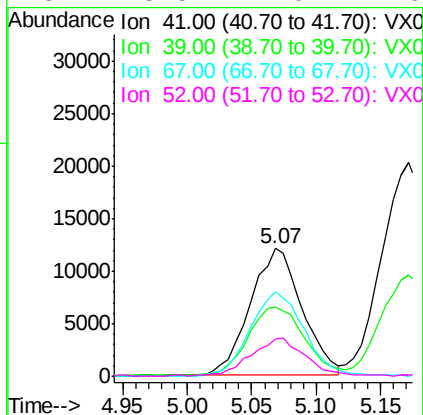
#35
Methacrylonitrile
Concen: 20.30 ug/l
RT: 5.07 min Scan# 735
Delta R.T. 0.00 min
Lab File: VX001266.D
Acq: 30 Apr 2018 21:21

Tot Ion	Ion	Ratio	Resp	Lower	Upper
41	100				
39	54.0	29.8	89.3		
67	66.3	28.7	86.3		
52	28.5	14.0	41.9		

Instrument :
MSVOA_X
ClientSampleId :
VX0430WBSD01

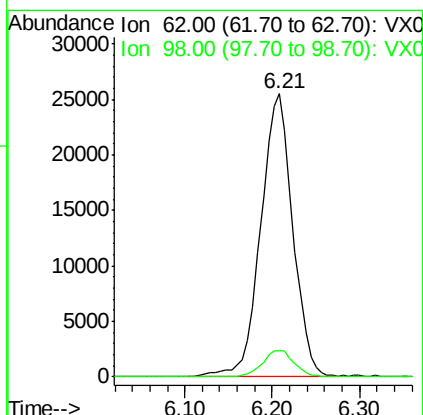
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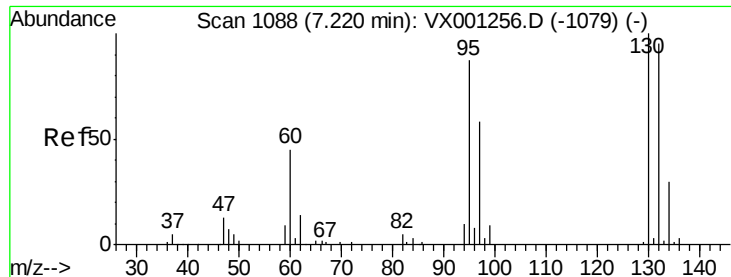
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#36
1,2-Dichloroethane
Concen: 19.55 ug/l
RT: 6.21 min Scan# 922
Delta R.T. 0.01 min
Lab File: VX001266.D
Acq: 30 Apr 2018 21:21

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
62	100				
98	9.1	6.9	10.3		





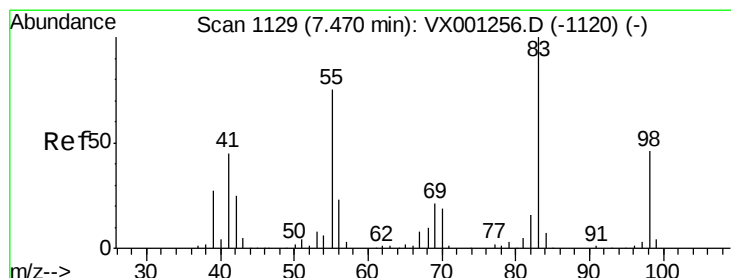
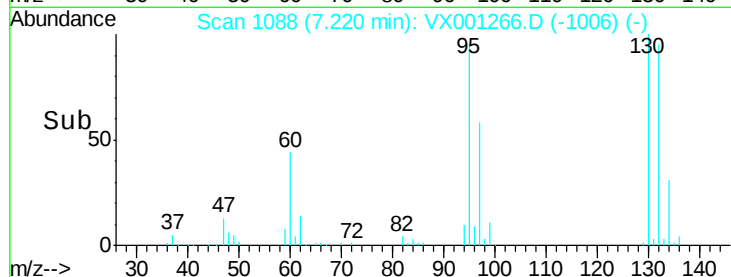
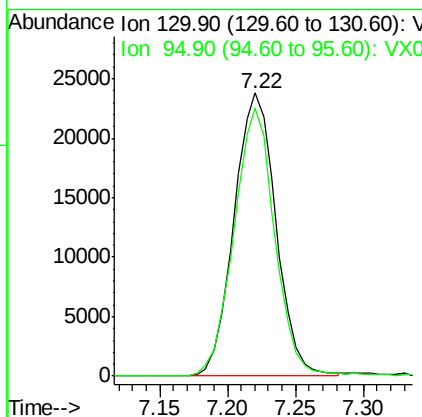
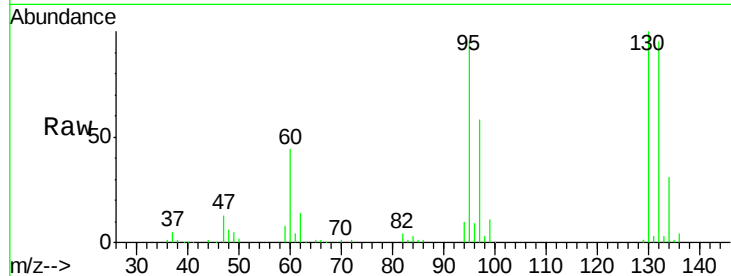
#37
 Trichloroethene
 Concen: 19.39 ug/l
 RT: 7.22 min Scan# 1088
 Delta R.T. 0.00 min
 Lab File: VX001266.D
 Acq: 30 Apr 2018 21:21

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0430WBSD01

Tot Ion:130 Resp: 51204
 Ion Ratio Lower Upper
 130 100
 95 94.5 74.6 112.0

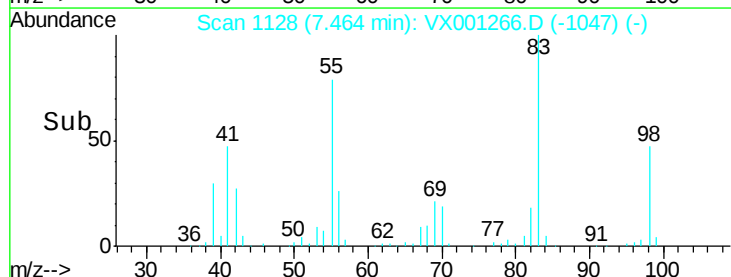
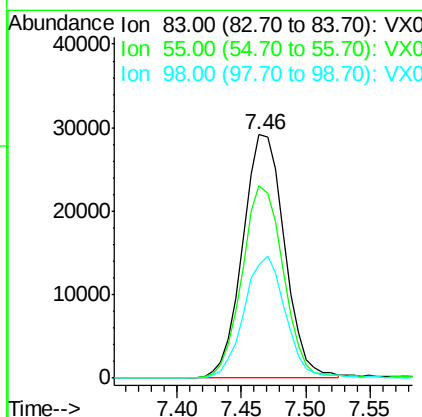
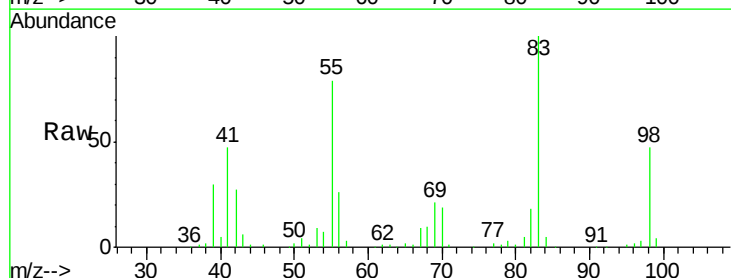
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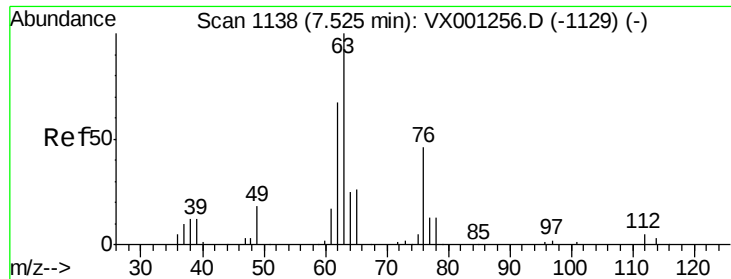
MMDadoda
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#38
 Methylcyclohexane
 Concen: 18.99 ug/l
 RT: 7.46 min Scan# 1128
 Delta R.T. -0.01 min
 Lab File: VX001266.D
 Acq: 30 Apr 2018 21:21

Tgt Ion: 83 Resp: 65660
 Ion Ratio Lower Upper
 83 100
 55 77.9 35.9 107.7
 98 48.7 24.6 74.0





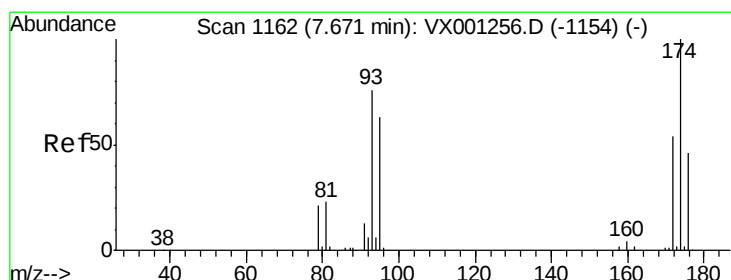
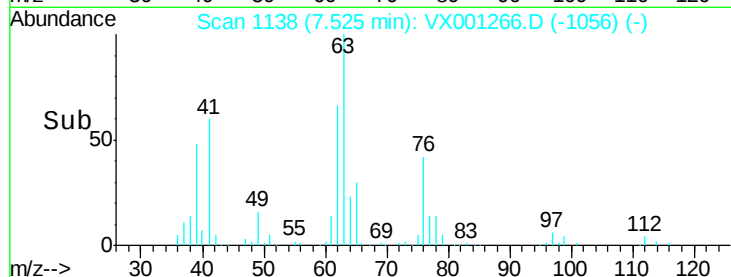
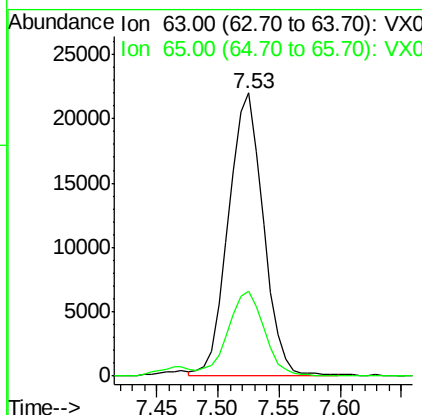
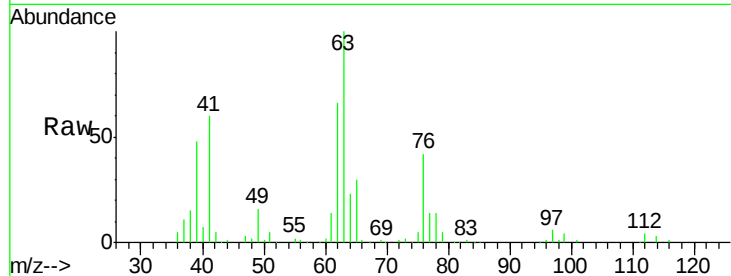
#39
 1,2-Dichloropropane
 Concen: 19.77 ug/l
 RT: 7.53 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VX001266.D
 Acq: 30 Apr 2018 21:21

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0430WBSD01

Tot Ion: 63 Resp: 43666
 Ion Ratio Lower Upper
 63 100
 65 30.1 25.0 37.6

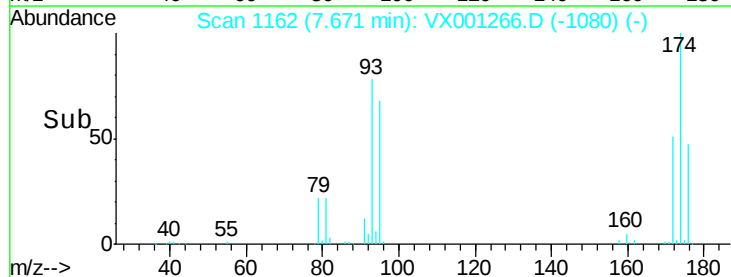
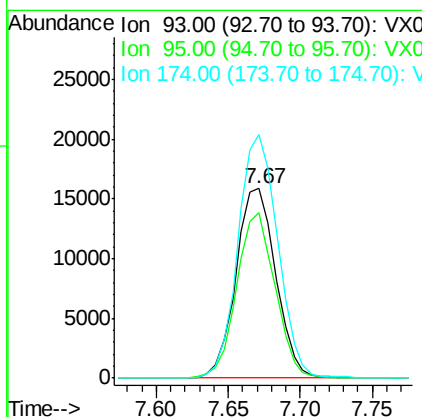
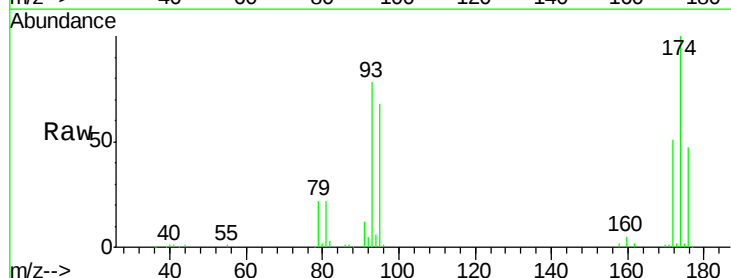
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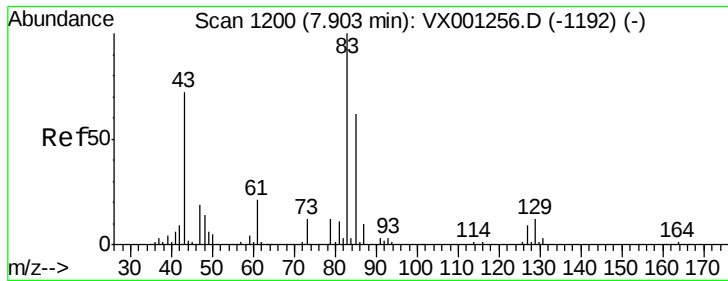
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#40
 Dibromomethane
 Concen: 19.68 ug/l
 RT: 7.67 min Scan# 1162
 Delta R.T. 0.00 min
 Lab File: VX001266.D
 Acq: 30 Apr 2018 21:21

Tgt Ion: 93 Resp: 30568
 Ion Ratio Lower Upper
 93 100
 95 83.7 0.0 170.6
 174 127.4 0.0 210.4





#41

Bromodichloromethane

Concen: 18.56 ug/l

RT: 7.91 min Scan# 1201

Delta R.T. 0.01 min

Lab File: VX001266.D

Acq: 30 Apr 2018 21:21

Instrument :

MSVOA_X

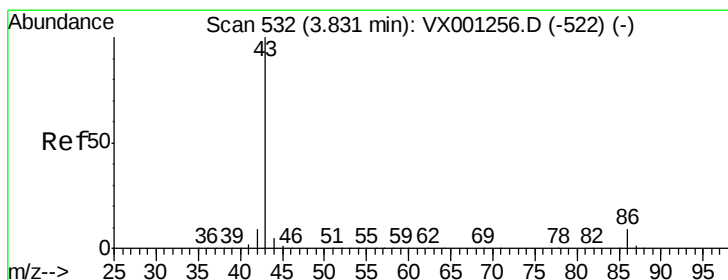
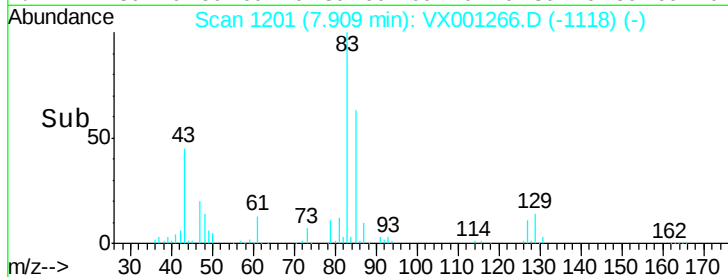
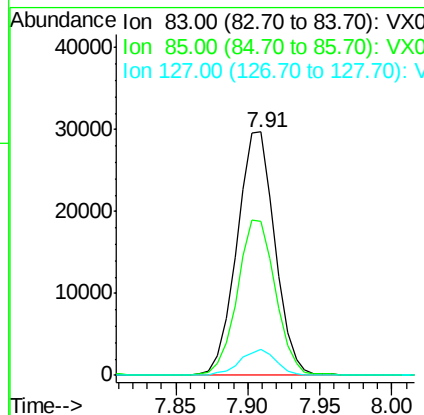
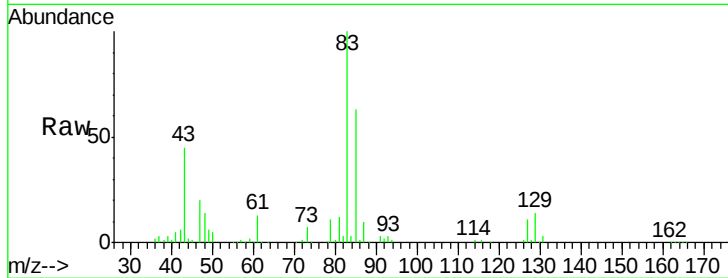
ClientSampleId :

VX0430WBSD01

Tot Ion:	83	Resp:	54464
Ion Ratio	Lower	Upper	
83	100		
85	63.0	50.0	75.0
127	10.8	6.6	10.0#

Manual Integrations
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#42

Vinyl Acetate

Concen: 95.89 ug/l

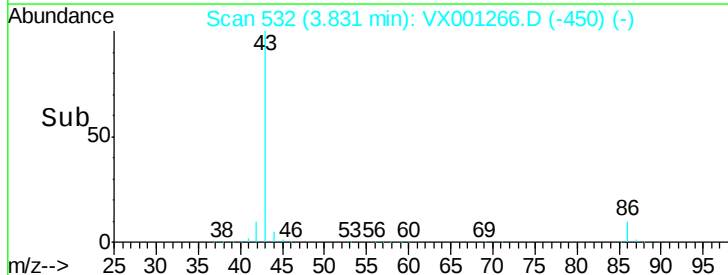
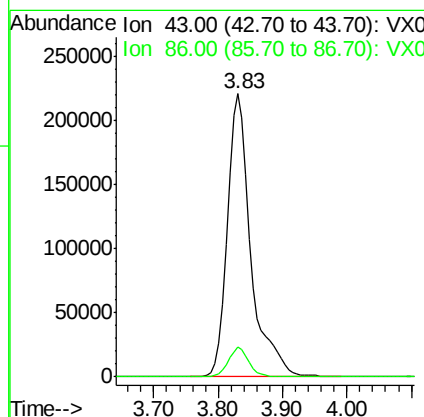
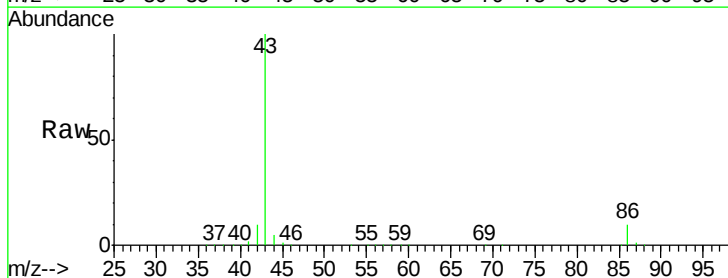
RT: 3.83 min Scan# 532

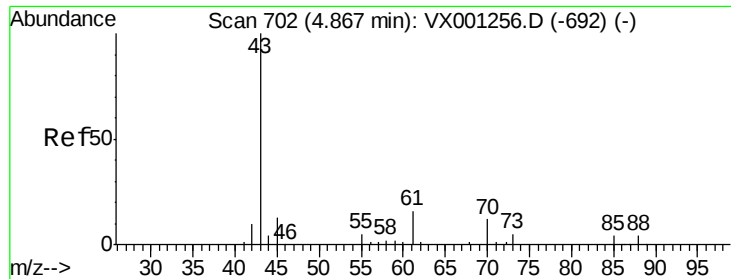
Delta R.T. 0.00 min

Lab File: VX001266.D

Acq: 30 Apr 2018 21:21

Tgt Ion:	43	Resp:	567977
Ion Ratio	Lower	Upper	
43	100		
86	9.0	7.8	11.6





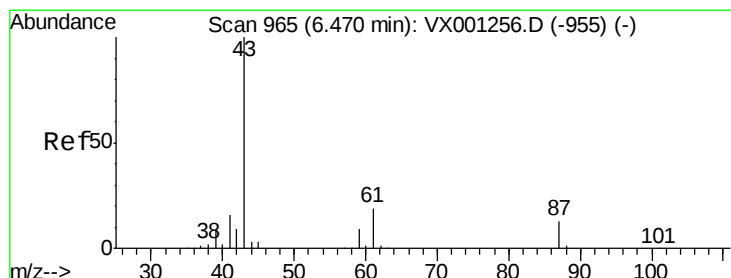
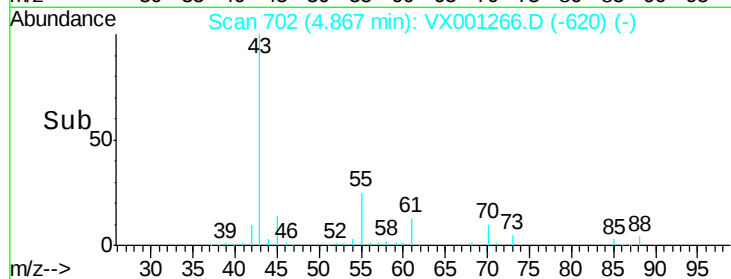
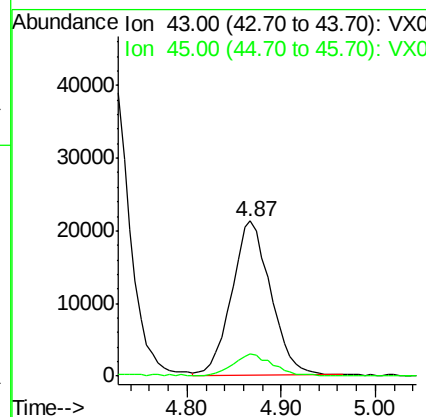
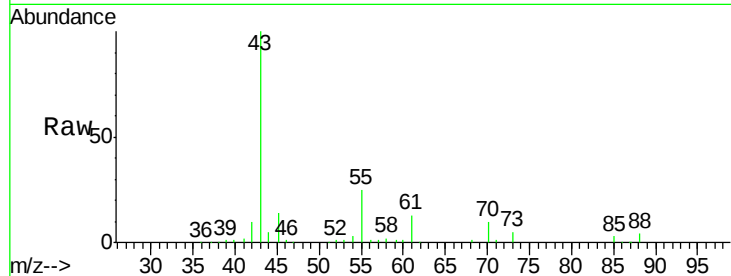
#43
Ethyl Acetate
Concen: 20.98 ug/l
RT: 4.87 min Scan# 702
Delta R.T. 0.00 min
Lab File: VX001266.D
Acq: 30 Apr 2018 21:21

Instrument :
MSVOA_X
ClientSampleId :
VX0430WBSD01

Tot Ion	43	45	Ratio	Lower	Upper
60832	100	14.1		11.4	17.0

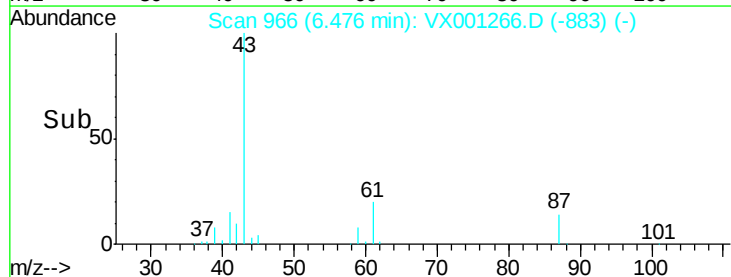
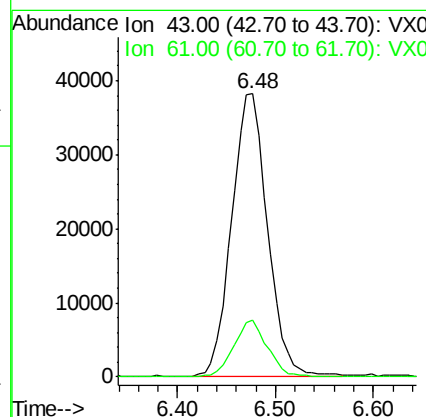
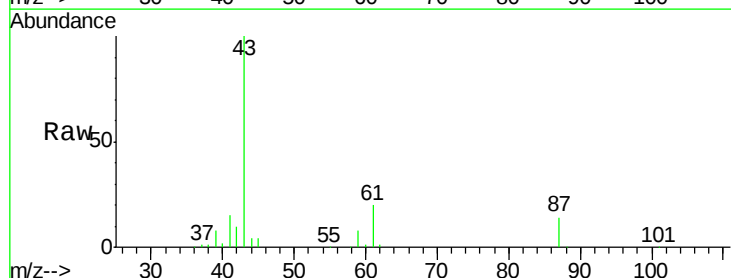
Manual Integrations
APPROVED

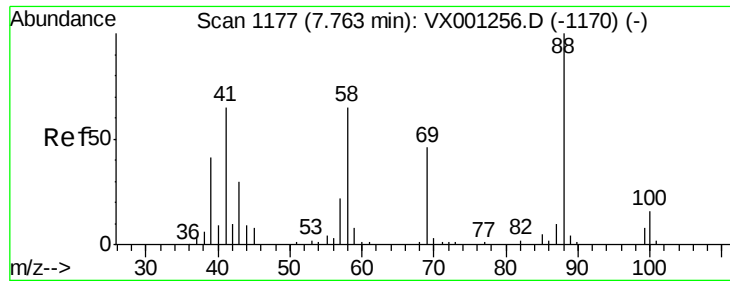
MMDadoda
5/2/2018 11:08:12 AM



#44
Isopropyl Acetate
Concen: 19.77 ug/l
RT: 6.48 min Scan# 966
Delta R.T. 0.01 min
Lab File: VX001266.D
Acq: 30 Apr 2018 21:21

Tgt Ion	43	61	Ratio	Lower	Upper
97567	100	18.7		15.7	23.5





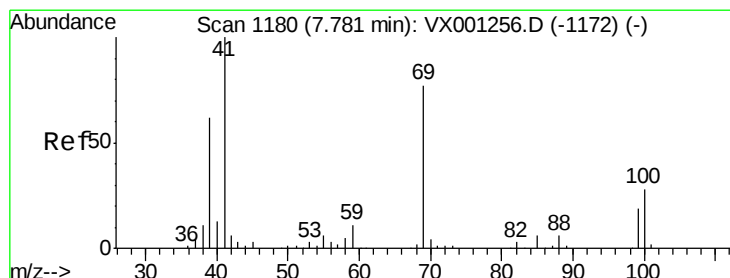
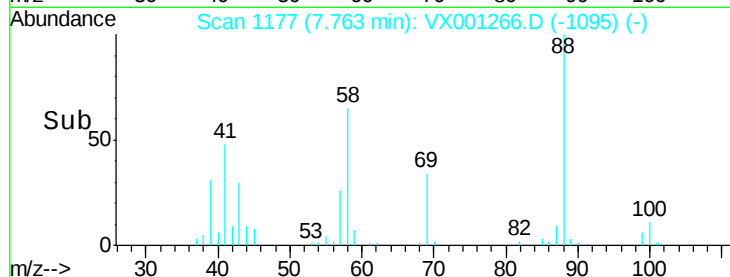
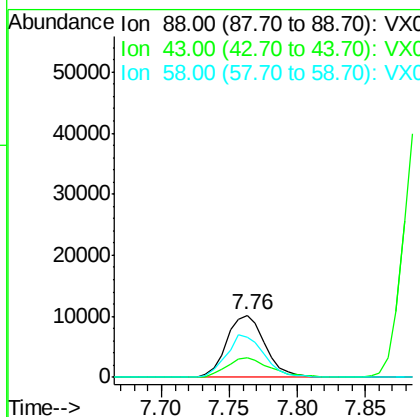
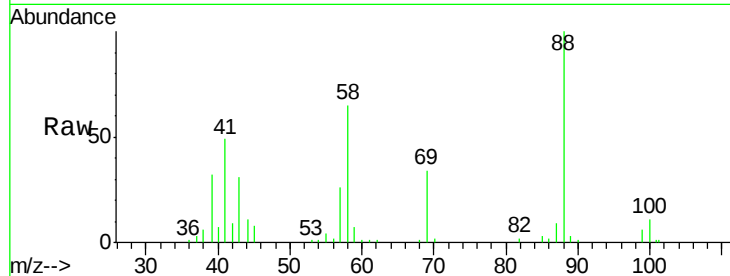
#45
1,4-Dioxane
Concen: 446.06 ug/l
RT: 7.76 min Scan# 1177
Delta R.T. 0.00 min
Lab File: VX001266.D
Acq: 30 Apr 2018 21:21

Instrument :
MSVOA_X
ClientSampleId :
VX0430WBSD01

Tot Ion	Ratio	Lower	Upper
88	100		
43	33.3	26.8	40.2
58	65.2	52.1	78.1

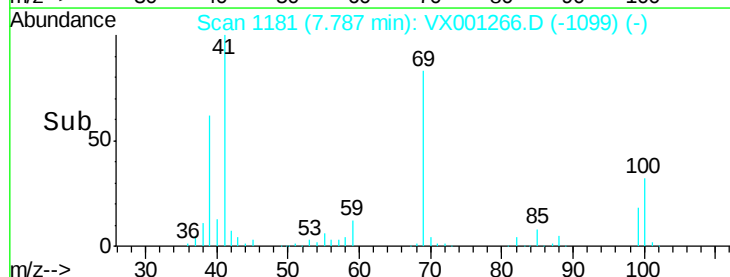
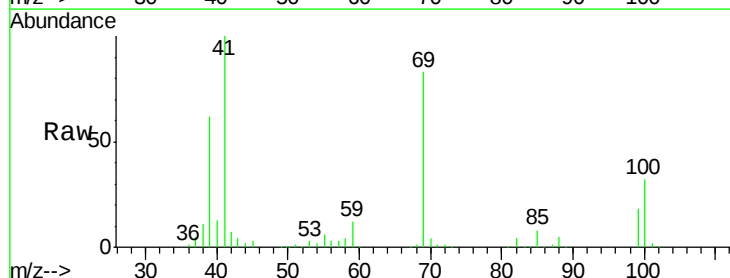
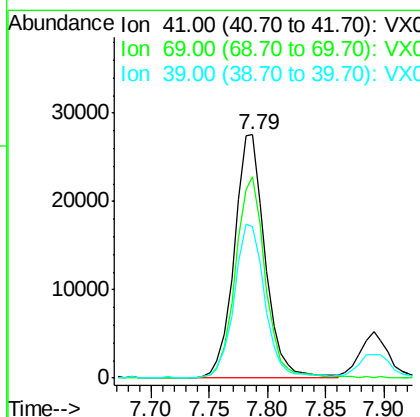
Manual Integrations
APPROVED

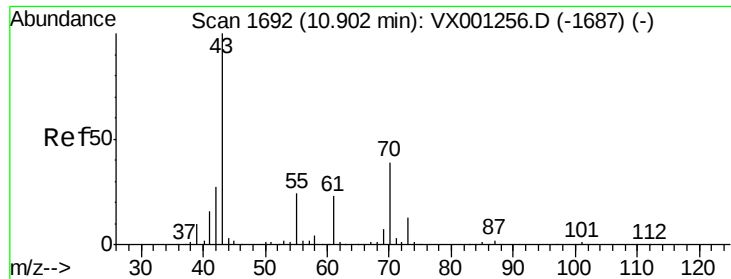
MMDadoda
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#46
Methyl methacrylate
Concen: 19.91 ug/l
RT: 7.79 min Scan# 1181
Delta R.T. 0.00 min
Lab File: VX001266.D
Acq: 30 Apr 2018 21:21

Tgt Ion	Ratio	Lower	Upper
41	100		
69	82.7	45.5	136.5
39	62.0	32.5	97.5





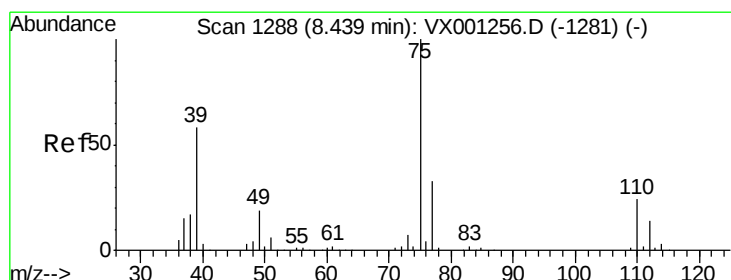
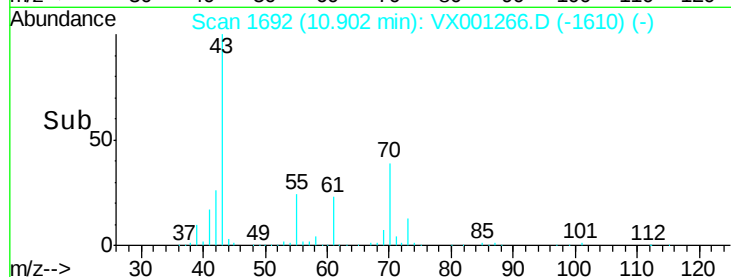
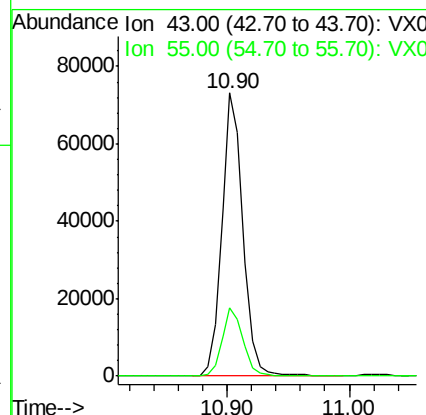
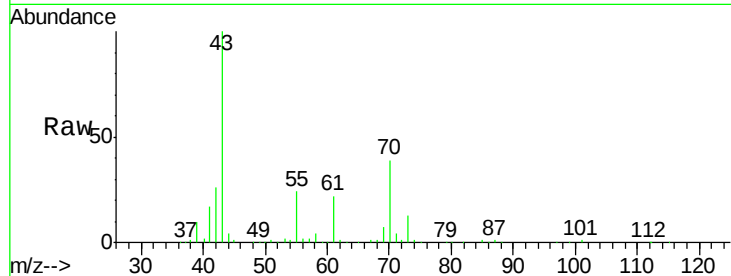
#47
n-amvl Acetate
Concen: 18.47 ug/l
RT: 10.90 min Scan# 1692
Delta R.T. 0.00 min
Lab File: VX001266.D
Acq: 30 Apr 2018 21:21

Instrument :
MSVOA_X
ClientSampleId :
VX0430WBSD01

Tot Ion: 43 Resp: 87466
Ion Ratio Lower Upper
43 100
55 24.3 19.4 29.2

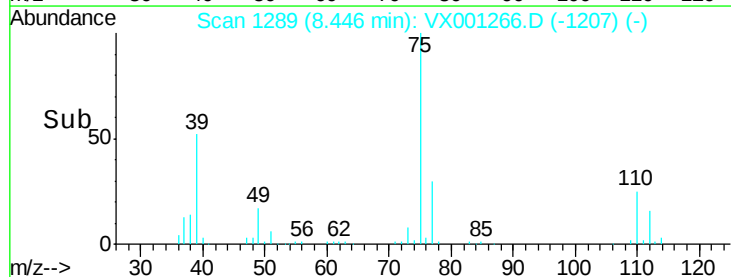
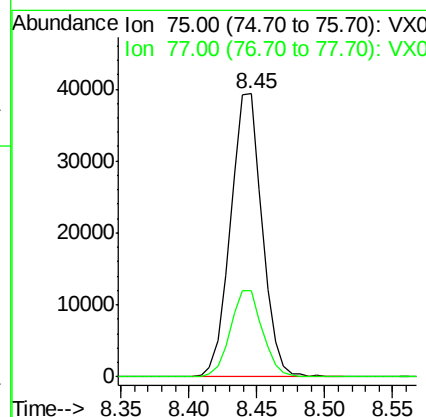
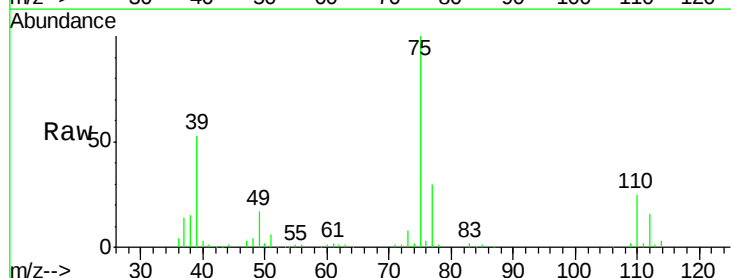
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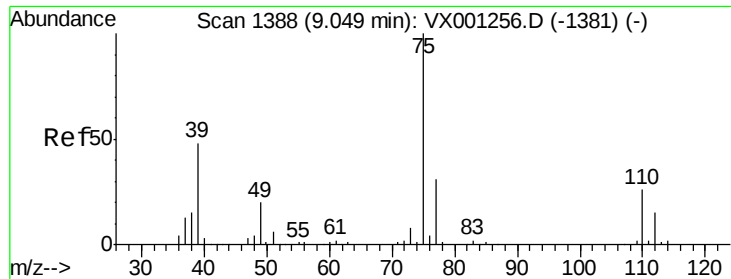
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#48
t-1,3-Dichloropropene
Concen: 18.36 ug/l
RT: 8.45 min Scan# 1289
Delta R.T. 0.00 min
Lab File: VX001266.D
Acq: 30 Apr 2018 21:21

Tgt Ion: 75 Resp: 63420
Ion Ratio Lower Upper
75 100
77 30.1 24.6 37.0





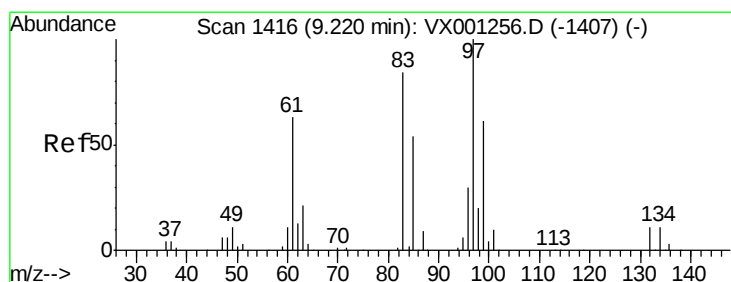
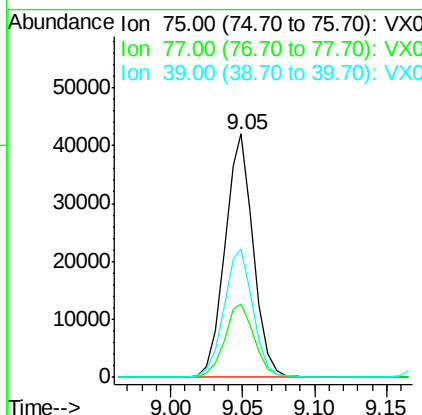
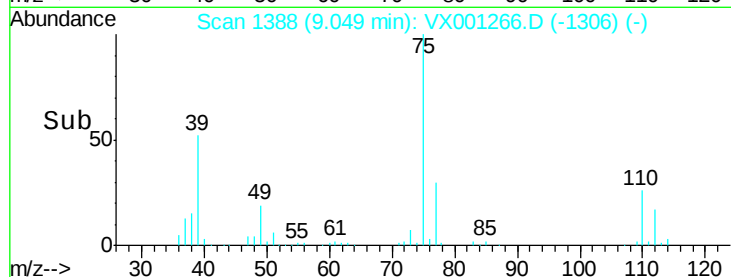
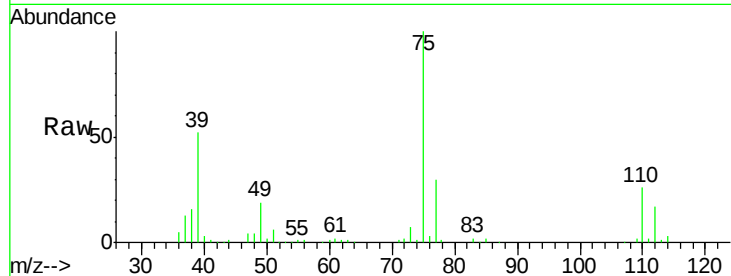
#49
 cis-1,3-Dichloropropene
 Concen: 17.48 ug/l
 RT: 9.05 min Scan# 1388
 Delta R.T. 0.00 min
 Lab File: VX001266.D
 Acq: 30 Apr 2018 21:21

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0430WBSD01

Tot Ion:	75	Resp:	57848
Ion	Ratio	Lower	Upper
75	100		
77	30.1	24.5	36.7
39	52.2	35.6	53.4

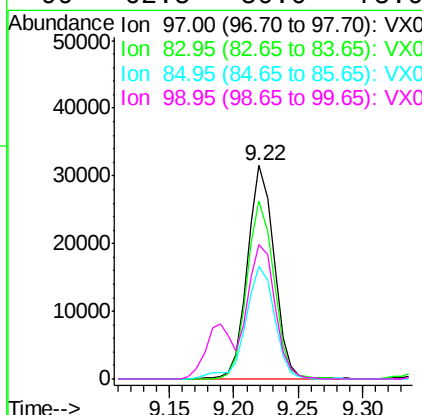
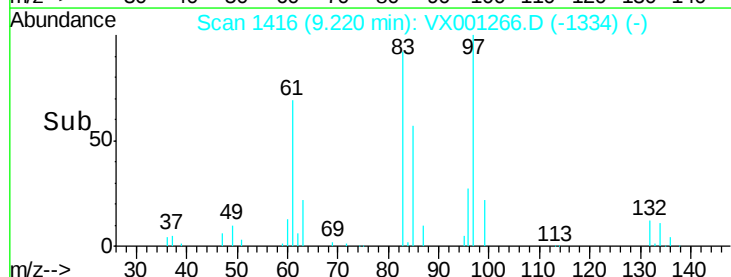
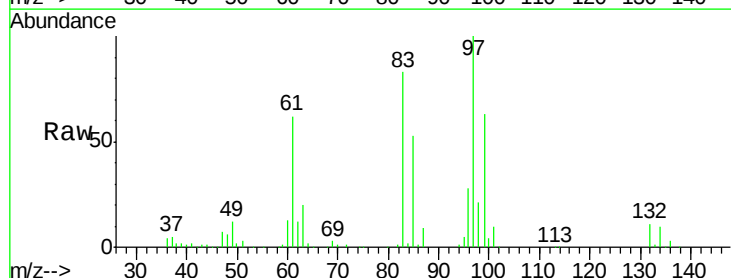
Manual Integrations
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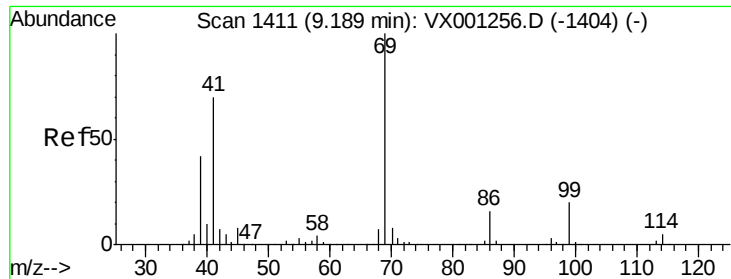
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#50
 1,1,2-Trichloroethane
 Concen: 19.56 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. 0.00 min
 Lab File: VX001266.D
 Acq: 30 Apr 2018 21:21

Tgt Ion:	97	Resp:	45139
Ion	Ratio	Lower	Upper
97	100		
83	83.2	66.9	100.3
85	52.8	44.4	66.6
99	62.5	50.0	75.0





#51

Ethyl methacrylate

Concen: 19.33 ug/l

RT: 9.19 min Scan# 1411

Delta R.T. 0.00 min

Lab File: VX001266.D

Acq: 30 Apr 2018 21:21

Instrument :

MSVOA_X

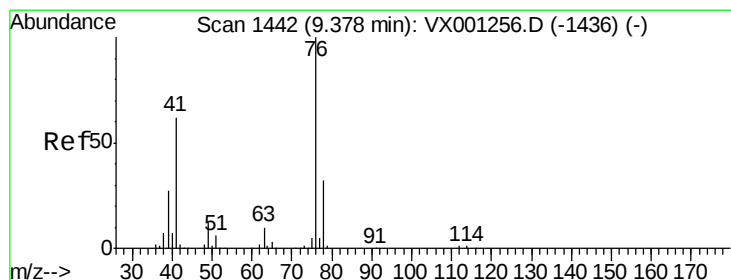
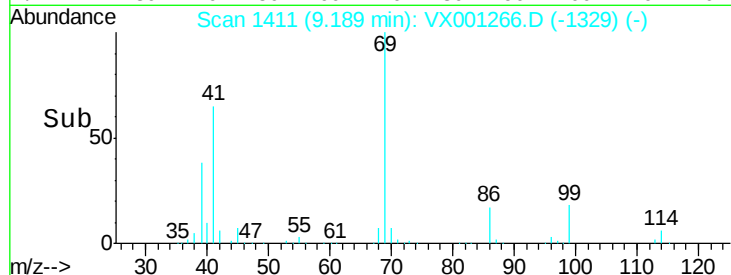
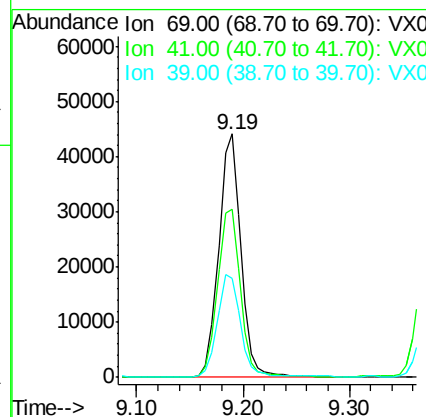
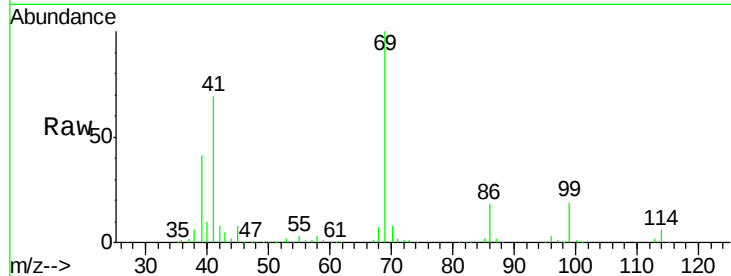
ClientSampleId :

VX0430WBSD01

Tot Ion:	69	Resp:	63558
Ion	Ratio	Lower	Upper
69	100		
41	68.6	32.1	96.3
39	40.2	19.6	58.7

Manual Integrations
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#52

1,3-Dichloropropane

Concen: 19.88 ug/l

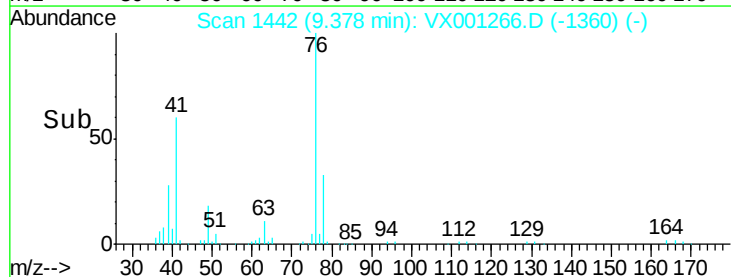
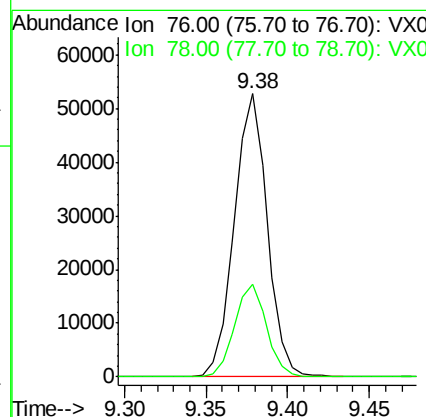
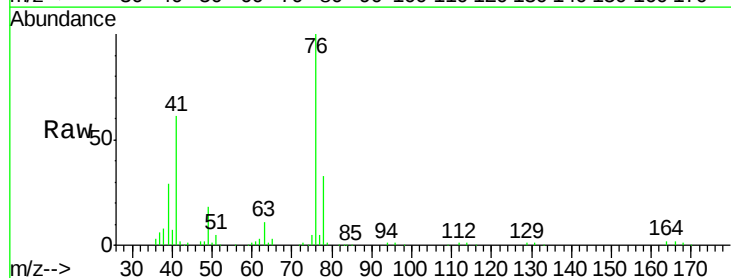
RT: 9.38 min Scan# 1442

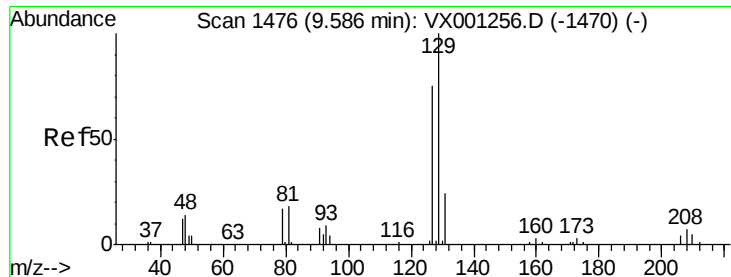
Delta R.T. 0.00 min

Lab File: VX001266.D

Acq: 30 Apr 2018 21:21

Tgt Ion:	76	Resp:	74131
Ion	Ratio	Lower	Upper
76	100		
78	32.0	0.0	65.0





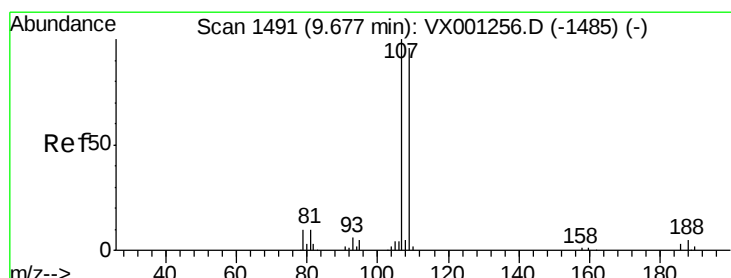
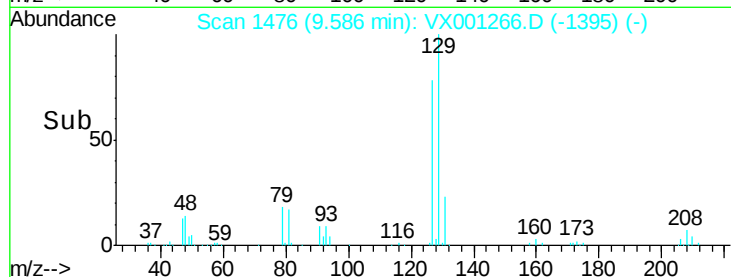
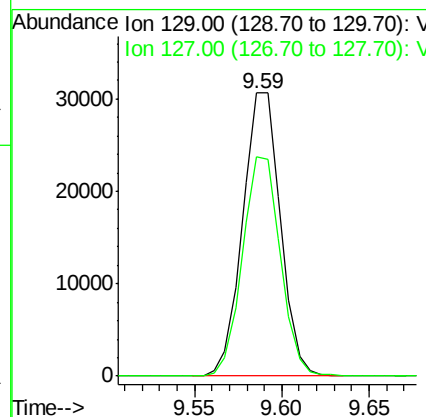
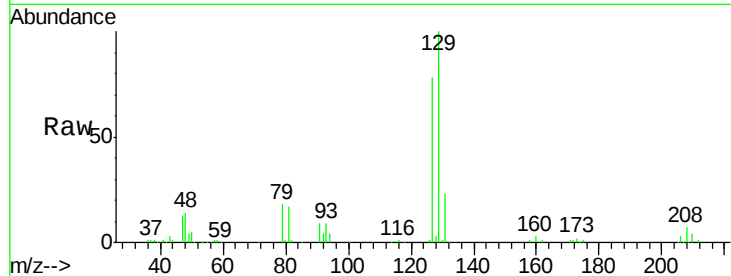
#53
 Dibromochloromethane
 Concen: 18.09 ug/l
 RT: 9.59 min Scan# 1476
 Delta R.T. -0.01 min
 Lab File: VX001266.D
 Acq: 30 Apr 2018 21:21

Instrument :
 MSVOA_X
 ClientSampled :
 VX0430WBSD01

Tot Ion:129 Resp: 46066
 Ion Ratio Lower Upper
 129 100
 127 77.6 37.5 112.5

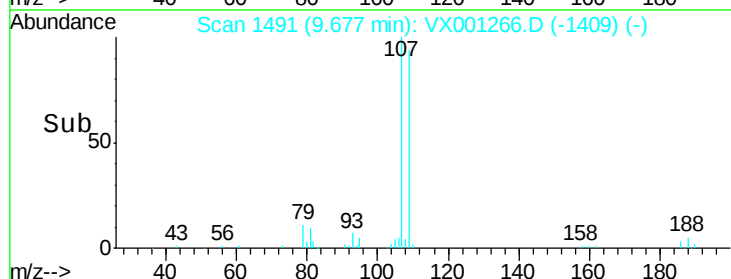
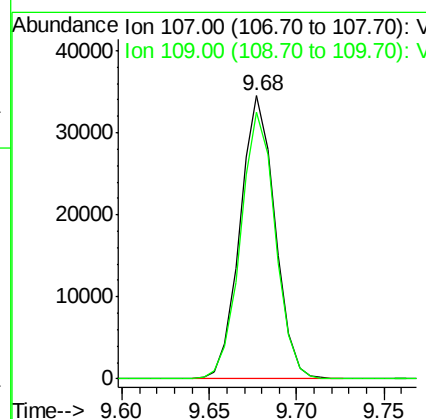
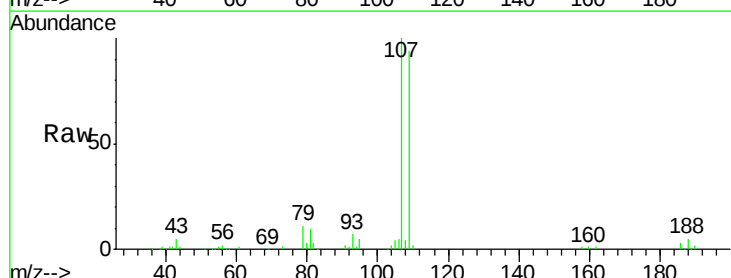
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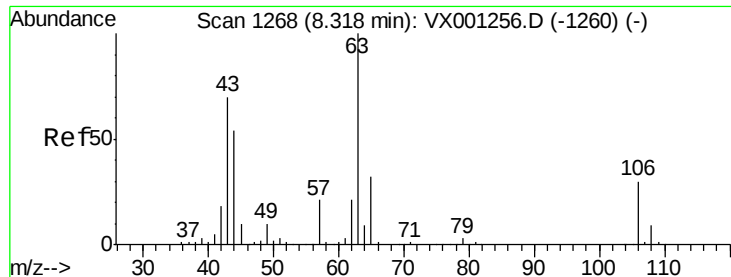
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#54
 1,2-Dibromoethane
 Concen: 19.33 ug/l
 RT: 9.68 min Scan# 1491
 Delta R.T. 0.00 min
 Lab File: VX001266.D
 Acq: 30 Apr 2018 21:21

Tgt Ion:107 Resp: 47738
 Ion Ratio Lower Upper
 107 100
 109 94.1 74.5 111.7





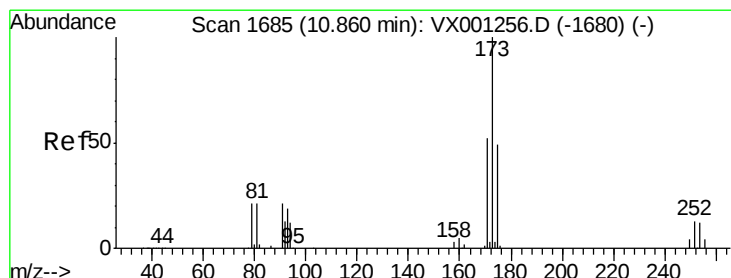
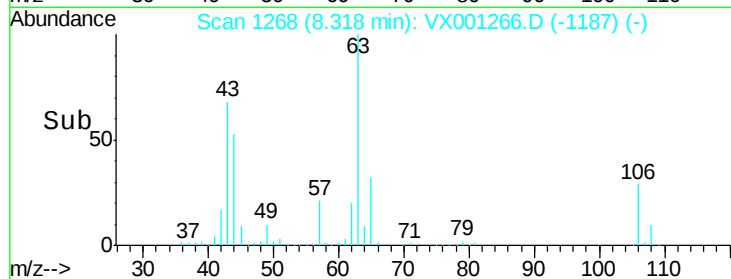
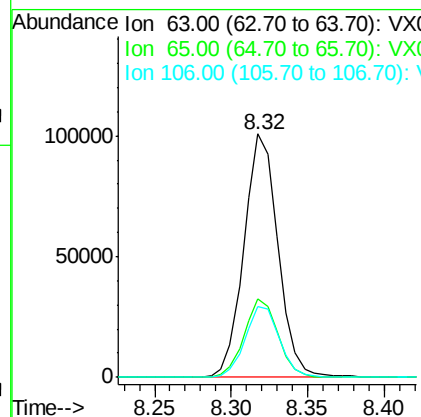
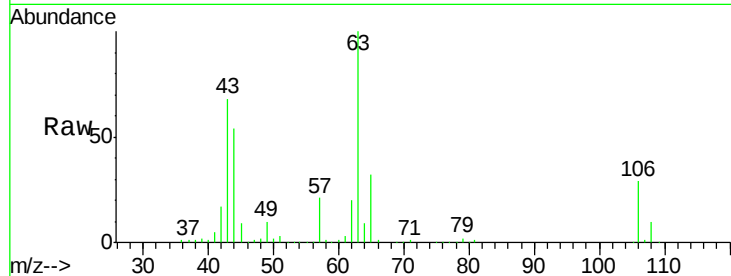
#55
2-Chloroethyl vinyl ether
Concen: 96.33 ug/l
RT: 8.32 min Scan# 1268
Delta R.T. -0.01 min
Lab File: VX001266.D
Acq: 30 Apr 2018 21:21

Instrument :
MSVOA_X
ClientSampleId :
VX0430WBSD01

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

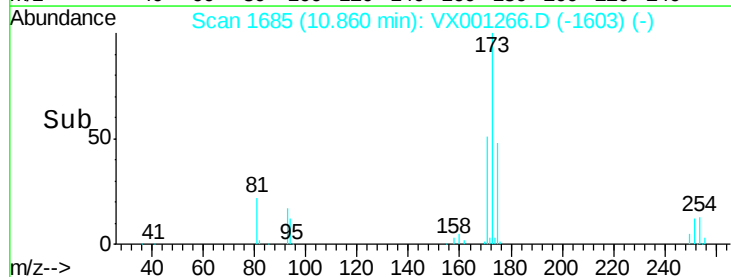
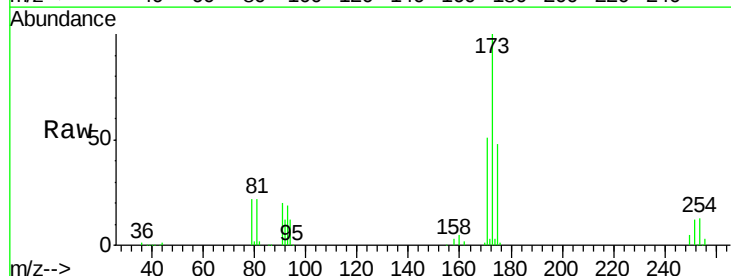
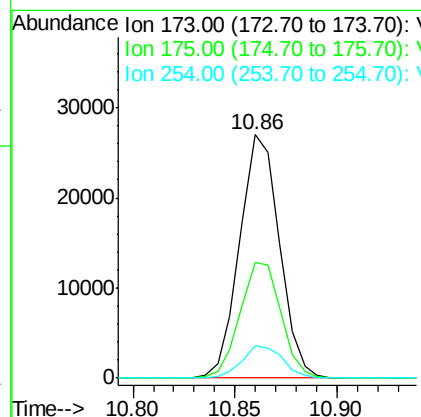
Manual Integrations
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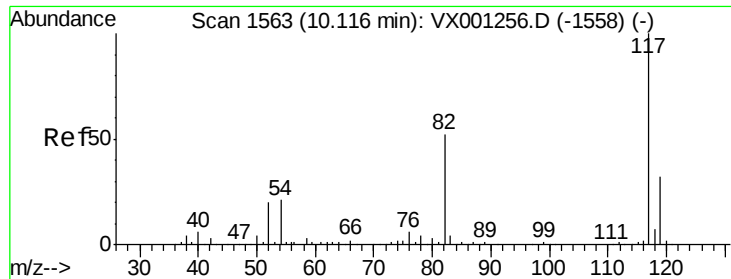
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#56
Bromoform
Concen: 17.61 ug/l
RT: 10.86 min Scan# 1685
Delta R.T. 0.00 min
Lab File: VX001266.D
Acq: 30 Apr 2018 21:21

Tgt Ion	Ratio	Lower	Upper
173	100		
175	48.7	39.0	58.4
254	13.3	7.0	10.4





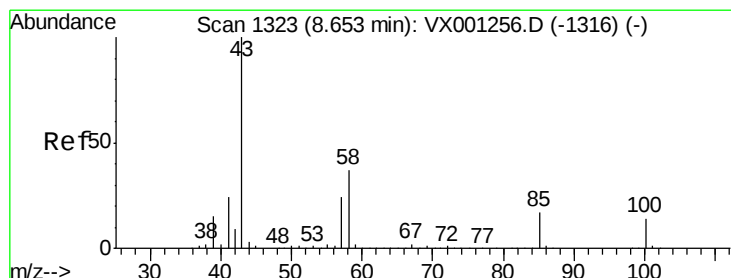
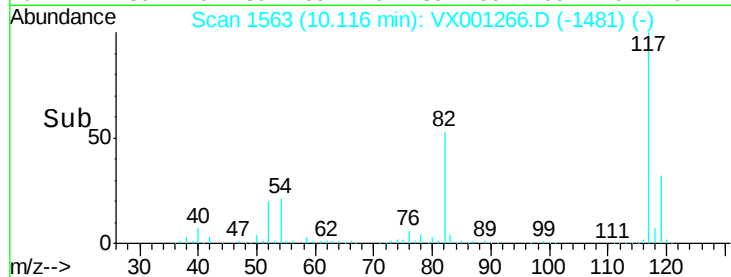
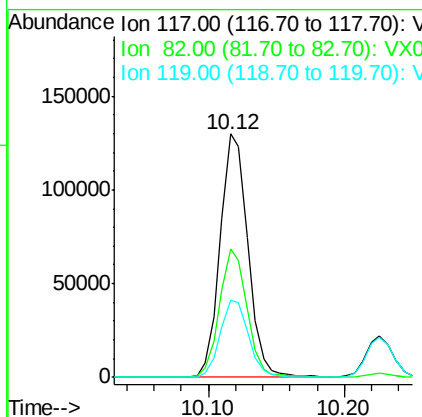
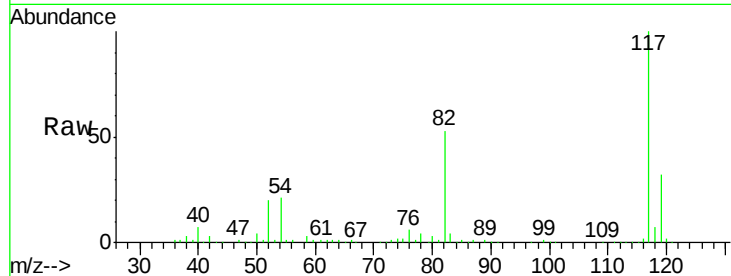
#57
Chlorobenzene-d5
Concen: 30.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. 0.00 min
Lab File: VX001266.D
Acq: 30 Apr 2018 21:21

Instrument :
MSVOA_X
ClientSampled :
VX0430WBSD01

Tot Ion	Ratio	Lower	Upper
117	100		
82	52.2	43.0	64.4
119	32.5	25.8	38.8

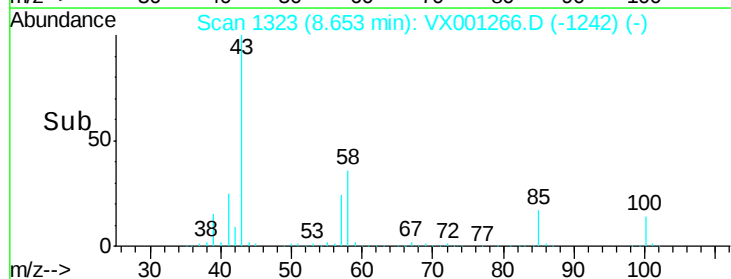
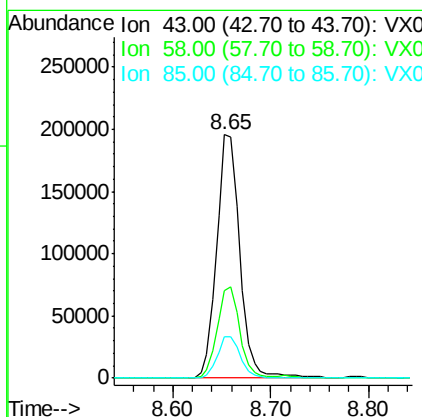
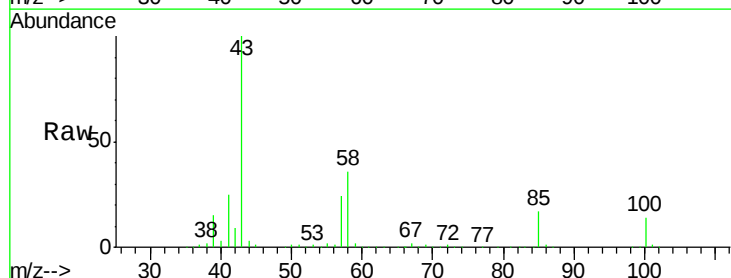
Manual Integrations
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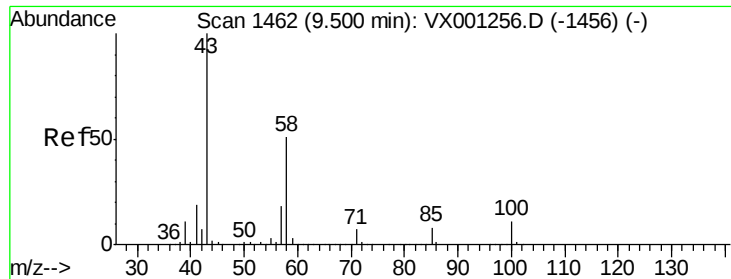
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#58
4-Methyl-2-Pentanone
Concen: 105.44 ug/l
RT: 8.65 min Scan# 1323
Delta R.T. -0.01 min
Lab File: VX001266.D
Acq: 30 Apr 2018 21:21

Tgt Ion	Ratio	Lower	Upper
43	100		
58	36.4	29.8	44.8
85	17.2	14.9	22.3





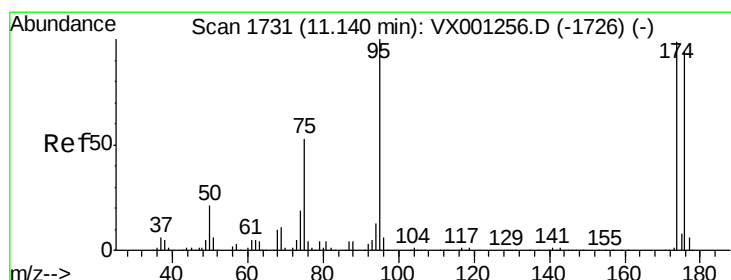
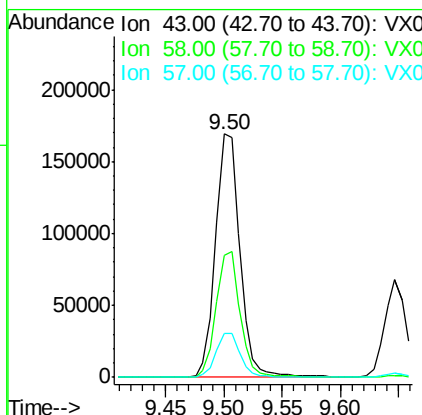
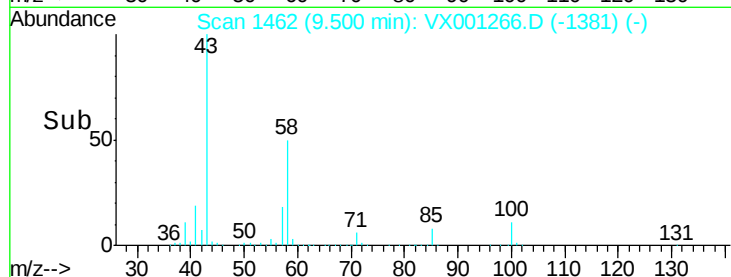
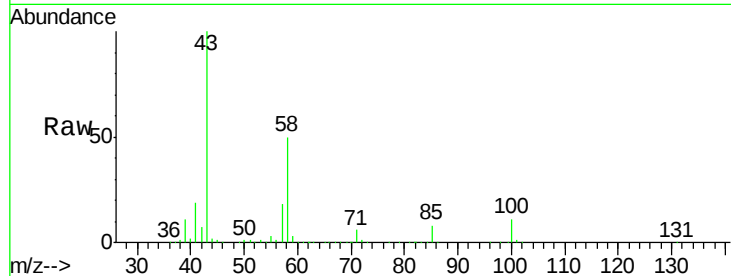
#59
2-Hexanone
Concen: 102.34 ug/l
RT: 9.50 min Scan# 1462
Delta R.T. -0.01 min
Lab File: VX001266.D
Acq: 30 Apr 2018 21:21

Instrument :
MSVOA_X
ClientSampleId :
VX0430WBSD01

Tot Ion	Ratio	Lower	Upper
43	100		
58	50.6	43.0	64.6
57	18.0	14.4	21.6

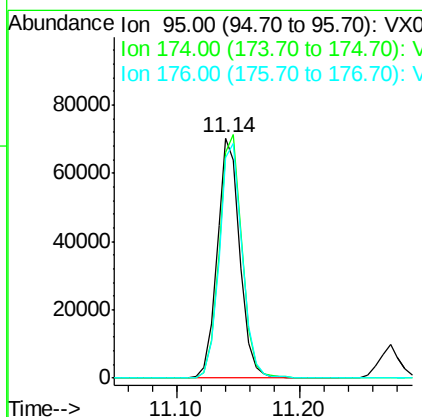
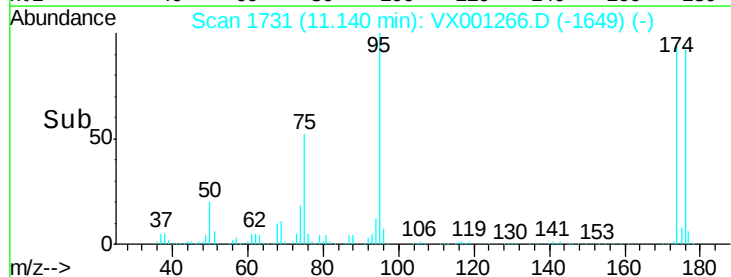
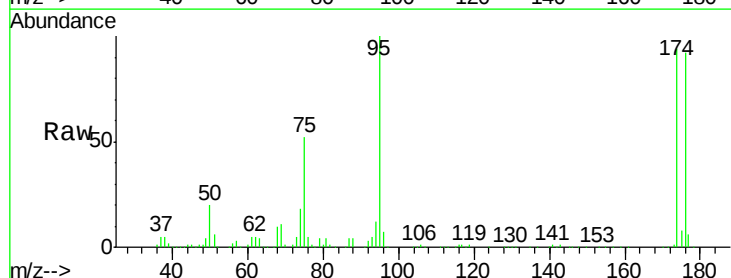
Manual Integrations
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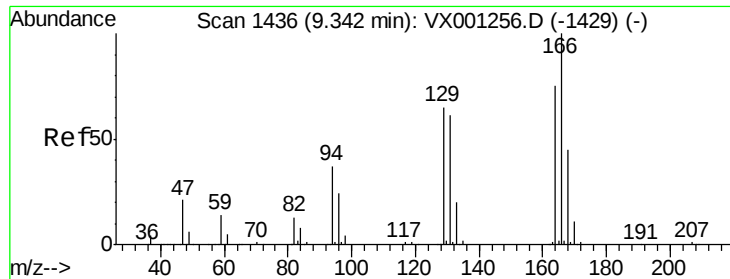
MMDadoda
5/2/2018 11:08:12 AM



#60
4-Bromofluorobenzene
Concen: 29.23 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. 0.00 min
Lab File: VX001266.D
Acq: 30 Apr 2018 21:21

Tgt Ion	Ratio	Lower	Upper
95	100		
174	101.7	71.1	106.7
176	99.0	69.3	103.9





#61

Tetrachloroethene

Concen: 20.82 ug/l

RT: 9.34 min Scan# 1436

Delta R.T. 0.00 min

Lab File: VX001266.D

Acq: 30 Apr 2018 21:21

Instrument :

MSVOA_X

ClientSampleId :

VX0430WBSD01

Tot Ion:164 Resp: 58901

Ion Ratio Lower Upper

164 100

166 130.2 99.0 148.4

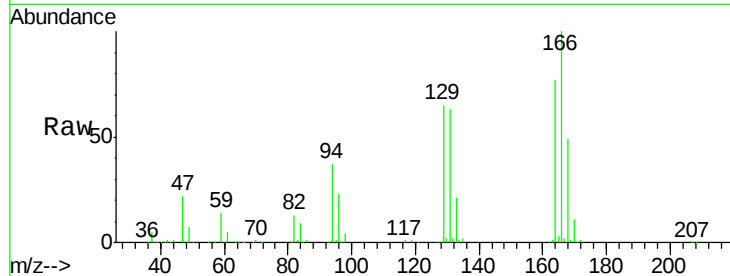
129 84.7 77.0 115.6

131 82.3 75.8 113.6

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MMDadoda

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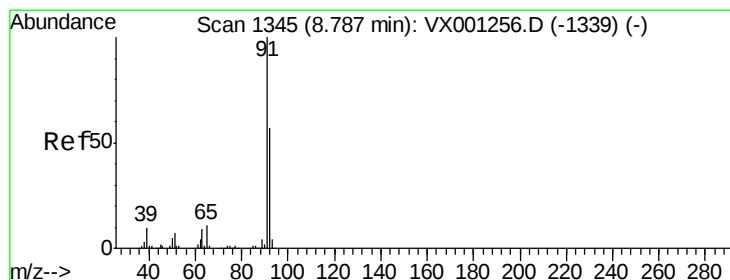
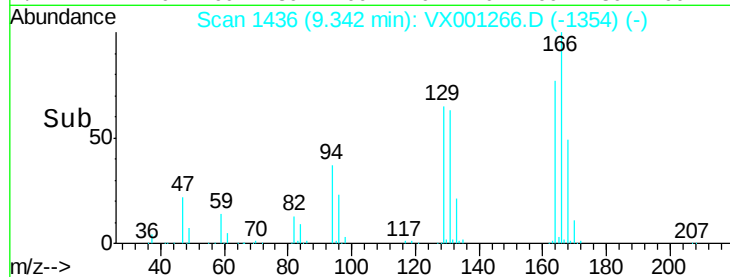
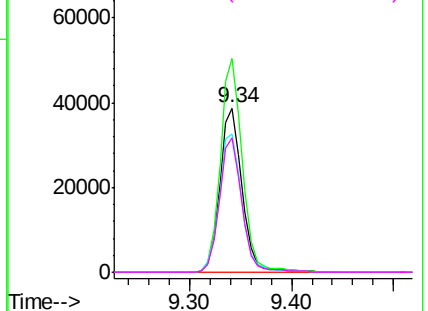


Abundance Ion 163.85 (163.55 to 164.55): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.90 (128.60 to 129.60): V

Ion 130.90 (130.60 to 131.60): V



#62

Toluene

Concen: 19.59 ug/l

RT: 8.79 min Scan# 1345

Delta R.T. -0.01 min

Lab File: VX001266.D

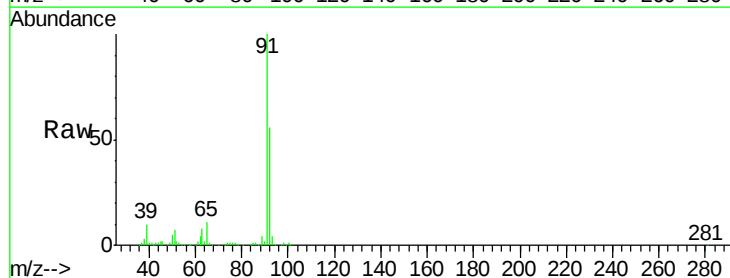
Acq: 30 Apr 2018 21:21

Tgt Ion: 91 Resp: 194436

Ion Ratio Lower Upper

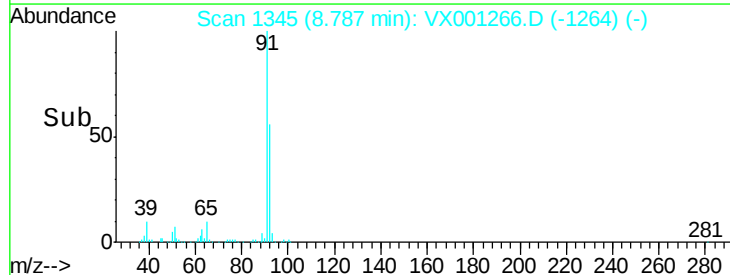
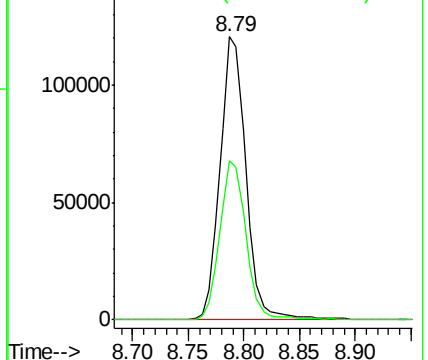
91 100

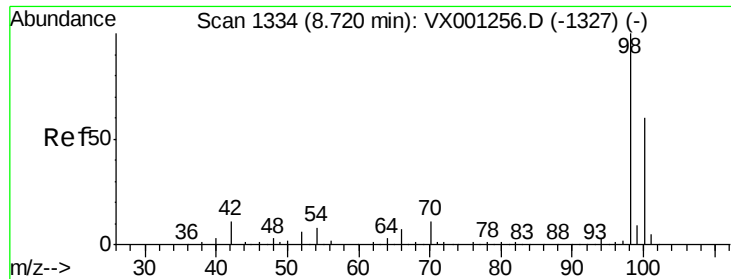
92 57.0 45.4 68.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 92.00 (91.70 to 92.70): VX0





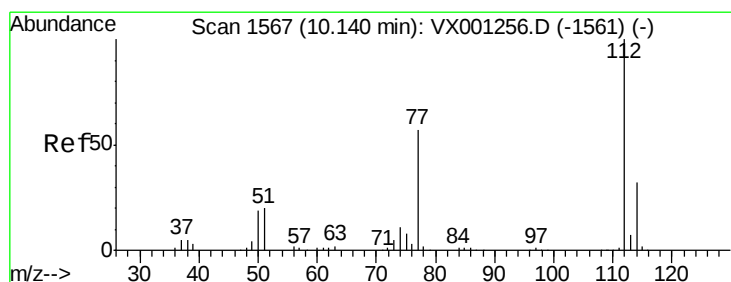
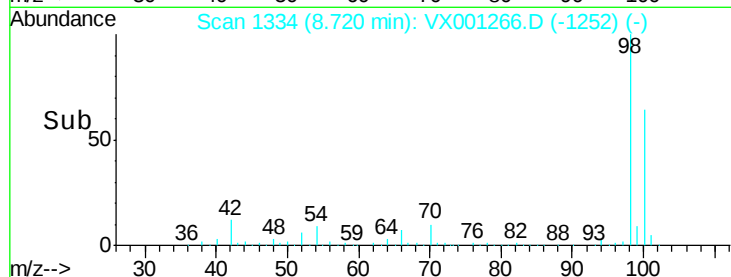
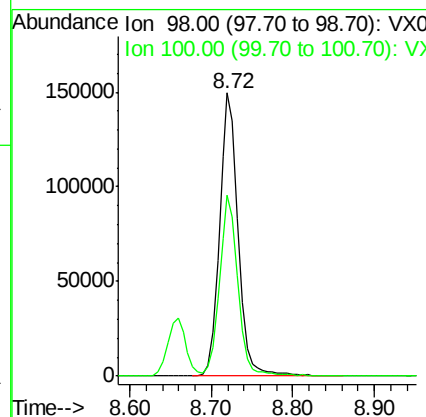
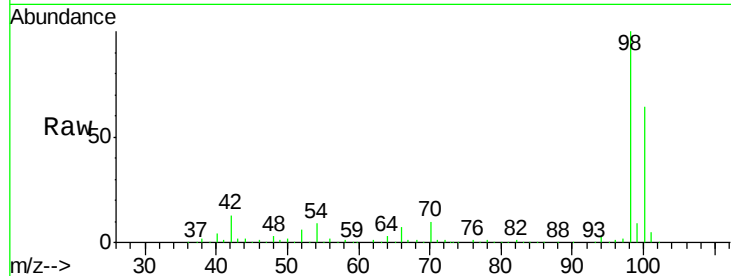
#63
Toluene-d8
Concen: 30.31 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX001266.D
Acq: 30 Apr 2018 21:21

Instrument :
MSVOA_X
ClientSampleId :
VX0430WBSD01

Tot Ion: 98 Resp: 240014
Ion Ratio Lower Upper
98 100
100 62.8 50.0 75.0

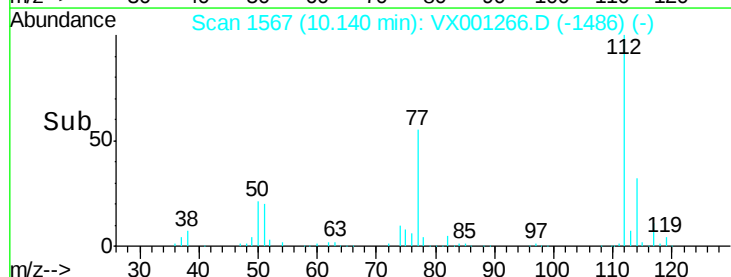
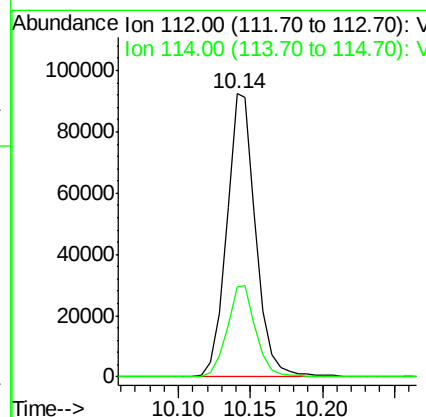
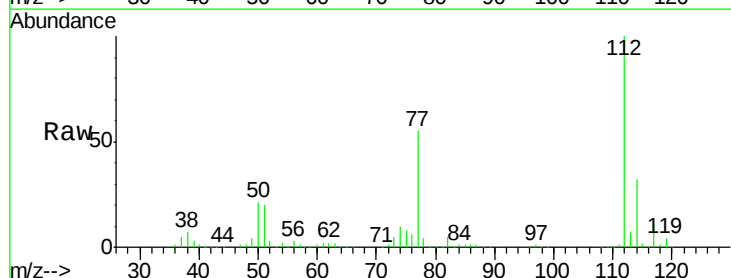
Manual Integrations
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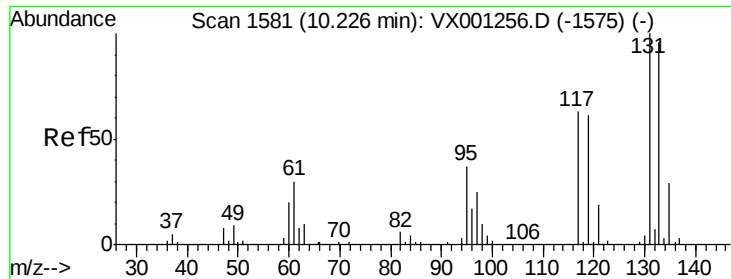
MMDadoda
5/2/2018 11:08:12 AM



#64
Chlorobenzene
Concen: 19.43 ug/l
RT: 10.14 min Scan# 1567
Delta R.T. -0.01 min
Lab File: VX001266.D
Acq: 30 Apr 2018 21:21

Tgt Ion: 112 Resp: 130108
Ion Ratio Lower Upper
112 100
114 31.8 26.4 39.6





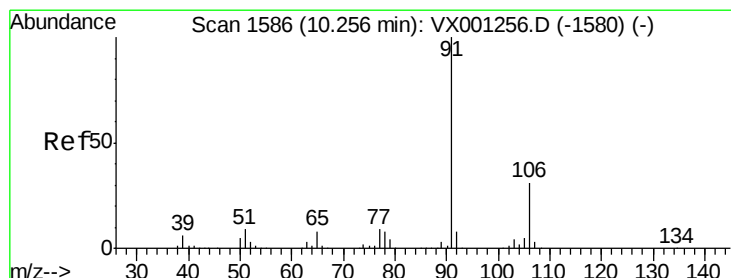
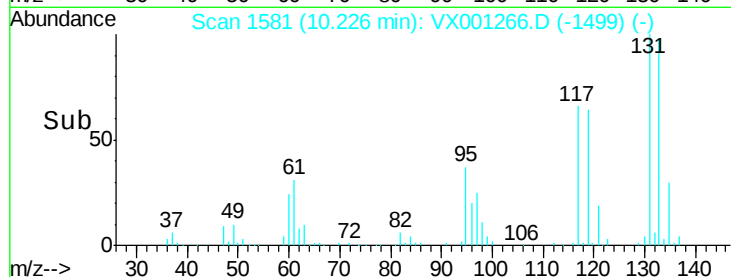
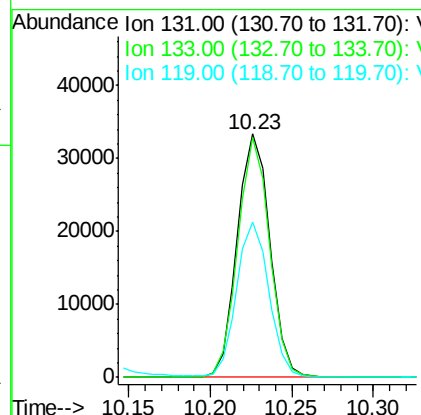
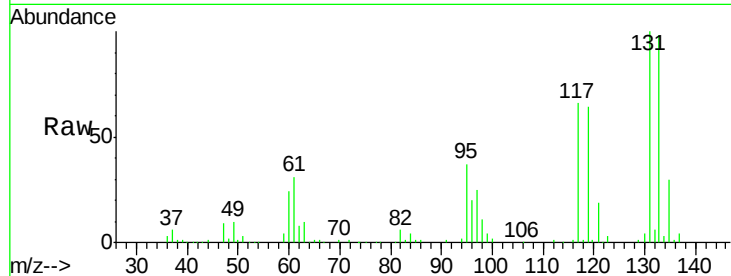
#65
 1,1,1,2-Tetrachloroethane
 Concen: 19.13 ug/l
 RT: 10.23 min Scan# 1581
 Delta R.T. 0.00 min
 Lab File: VX001266.D
 Acq: 30 Apr 2018 21:21

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0430WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
131	100	46762		
133	95.4	0.0	187.6	
119	63.3	0.0	134.0	

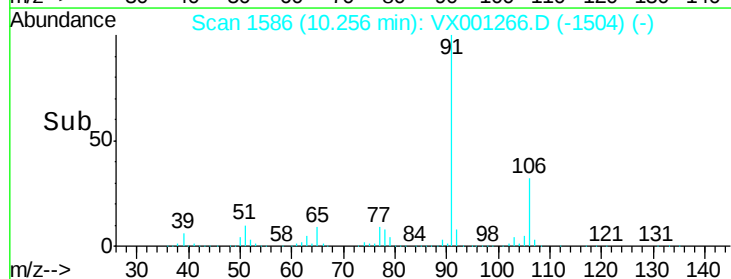
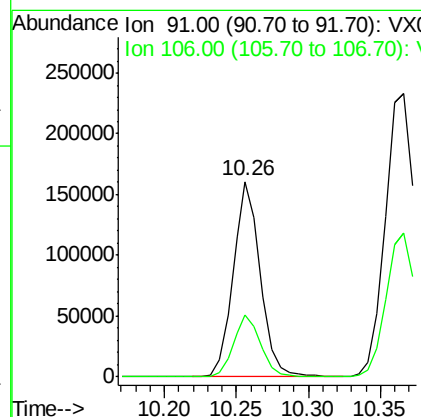
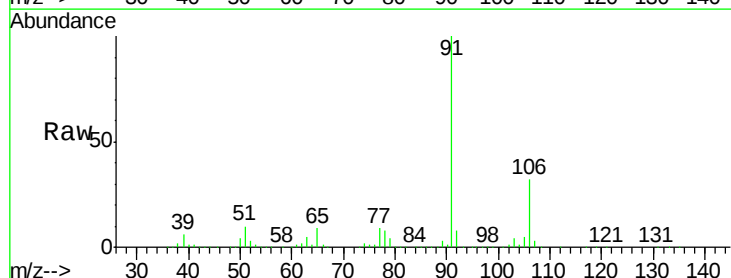
Manual Integrations
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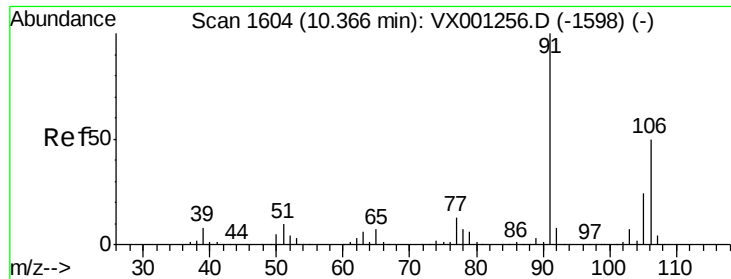
MMDadoda
 5/2/2018 11:08:12 AM



#66
 Ethyl Benzene
 Concen: 19.22 ug/l
 RT: 10.26 min Scan# 1586
 Delta R.T. 0.00 min
 Lab File: VX001266.D
 Acq: 30 Apr 2018 21:21

Tgt Ion	Ratio	Resp	Lower	Upper
91	100	212867		
106	31.6	25.9	38.9	





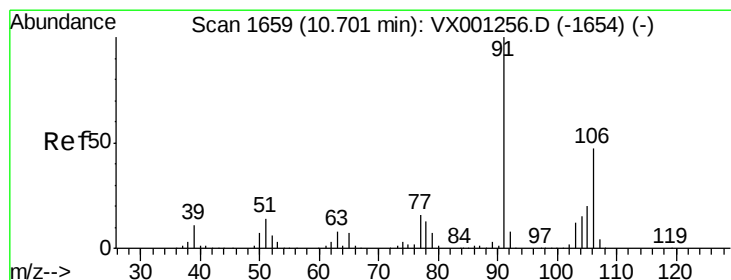
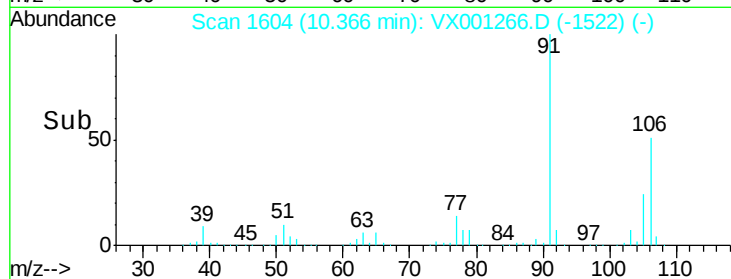
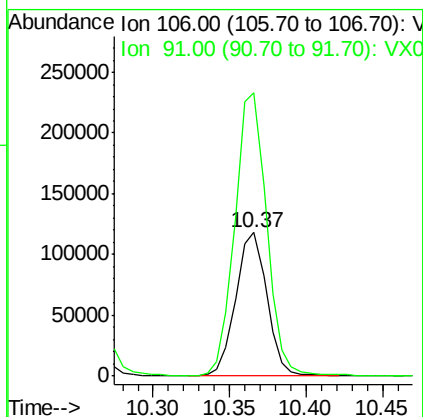
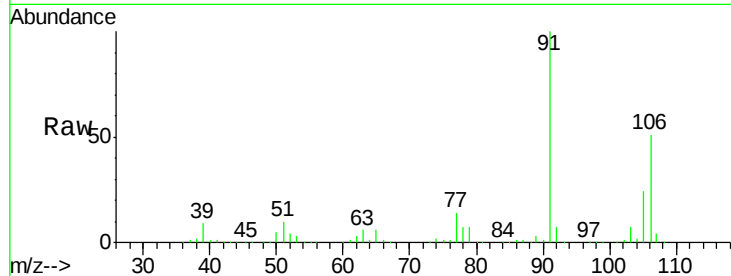
#67
m/p-Xylenes
Concen: 37.90 ug/l
RT: 10.37 min Scan# 1604
Delta R.T. 0.00 min
Lab File: VX001266.D
Acq: 30 Apr 2018 21:21

Instrument :
MSVOA_X
ClientSampleId :
VX0430WBSD01

Tot Ion:106 Resp: 166761
Ion Ratio Lower Upper
106 100
91 201.9 161.6 242.4

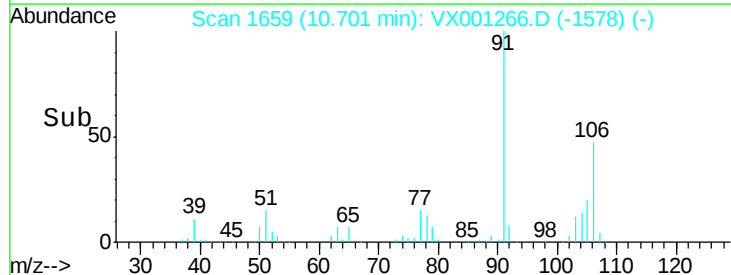
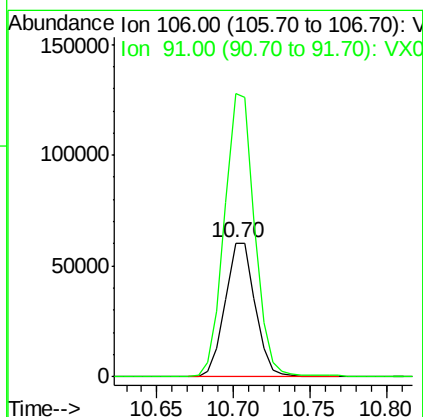
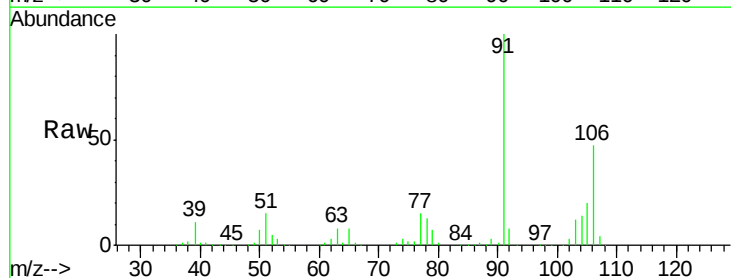
Manual Integrations
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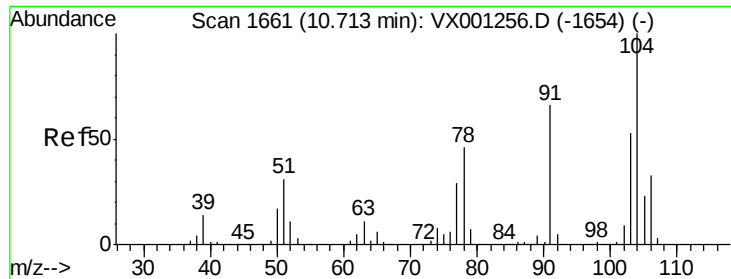
MMDadoda
5/2/2018 11:08:12 AM



#68
o-Xylene
Concen: 19.45 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. -0.01 min
Lab File: VX001266.D
Acq: 30 Apr 2018 21:21

Tgt Ion:106 Resp: 82727
Ion Ratio Lower Upper
106 100
91 212.8 105.6 316.8





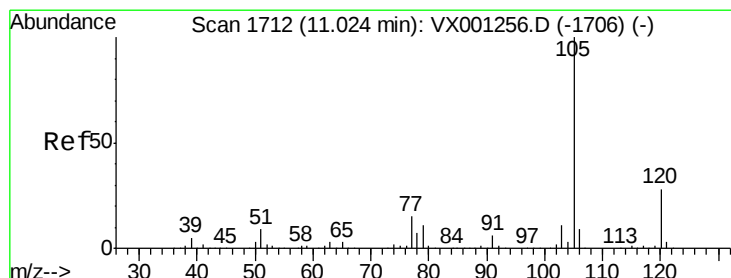
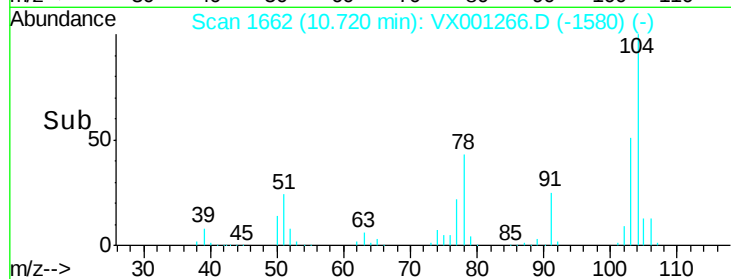
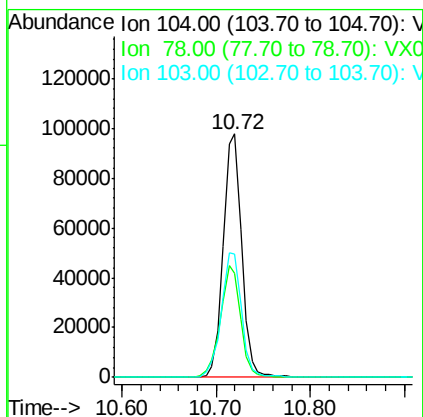
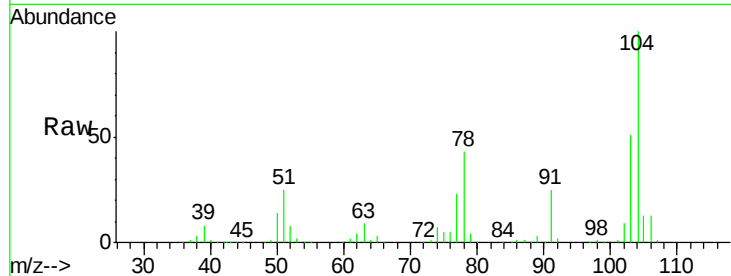
#69
Stvrene
Concen: 18.91 ug/l
RT: 10.72 min Scan# 1662
Delta R.T. 0.00 min
Lab File: VX001266.D
Acq: 30 Apr 2018 21:21

Instrument :
MSVOA_X
ClientSampleId :
VX0430WBSD01

Tot Ion	Ratio	Lower	Upper
104	100		
78	49.8	39.0	58.4
103	55.3	44.7	67.1

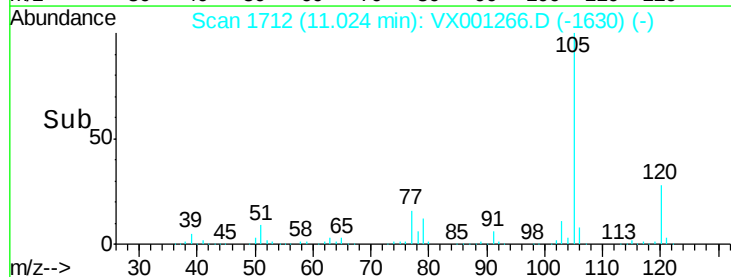
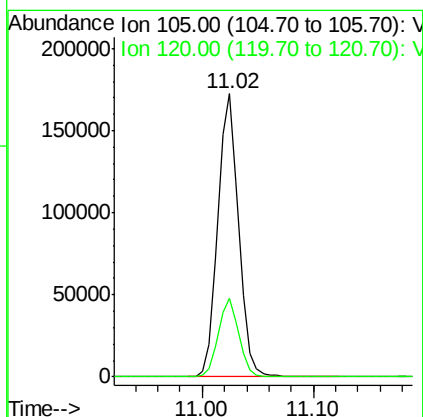
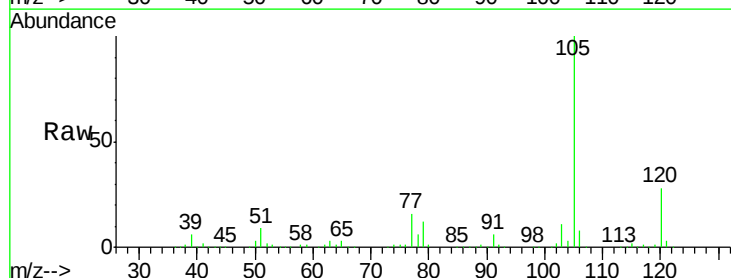
Manual Integrations
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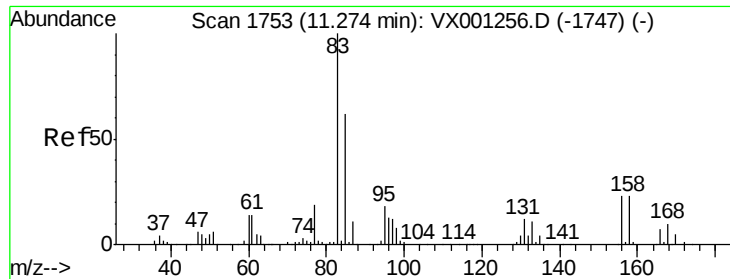
MMDadoda
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#70
Isopropylbenzene
Concen: 19.32 ug/l
RT: 11.02 min Scan# 1712
Delta R.T. 0.00 min
Lab File: VX001266.D
Acq: 30 Apr 2018 21:21

Tgt Ion	Ratio	Lower	Upper
105	100		
120	27.2	18.8	35.0





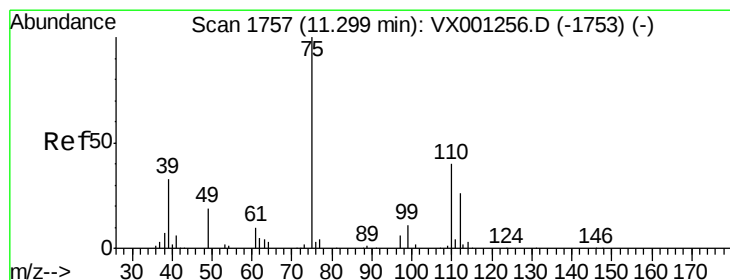
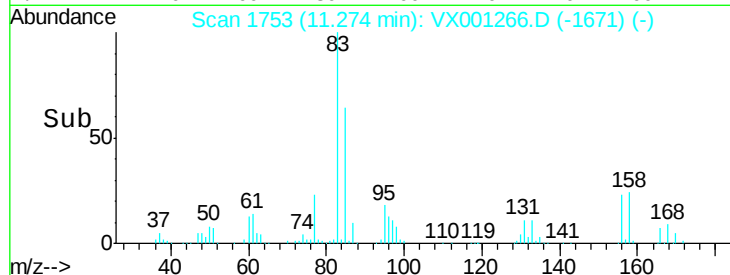
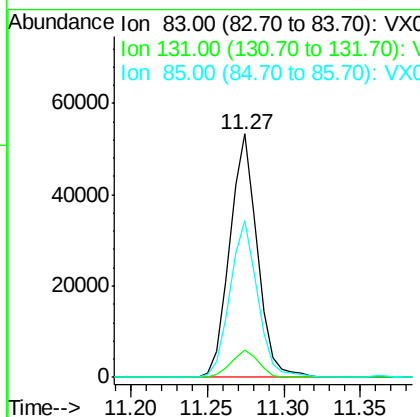
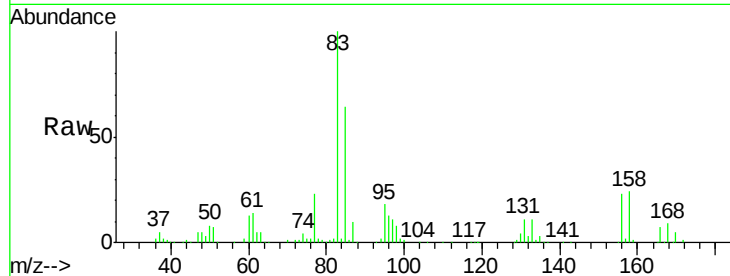
#71
 1,1,2,2-Tetrachloroethane
 Concen: 19.69 ug/l
 RT: 11.27 min Scan# 1753
 Delta R.T. 0.00 min
 Lab File: VX001266.D
 Acq: 30 Apr 2018 21:21

Instrument :
 MSVOA_X
 ClientSampled :
 VX0430WBSD01

Tot Ion	83	Resp	66706
Ion Ratio	100	Lower	Upper
83	100		
131	11.3	5.3	16.1
85	64.7	32.5	97.5

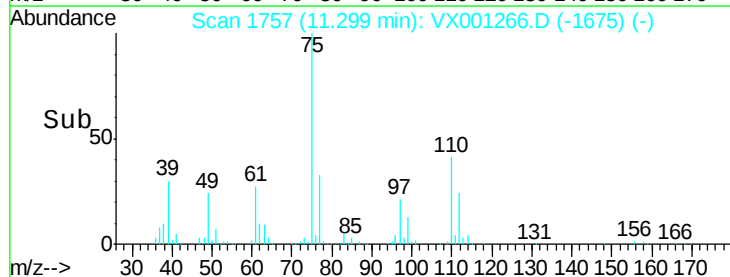
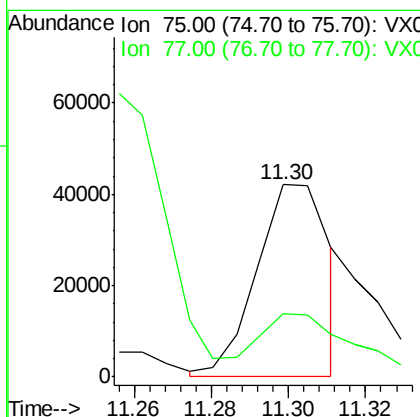
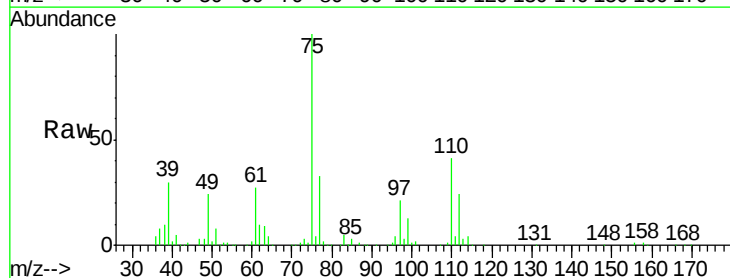
Manual Integrations
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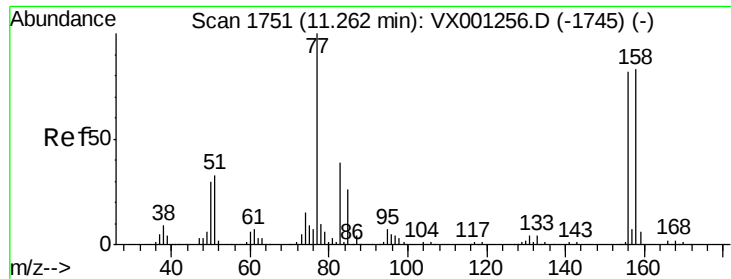
MMDadoda
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#72
 1,2,3-Trichloropropane
 Concen: 18.10 ug/l m
 RT: 11.30 min Scan# 1757
 Delta R.T. 0.00 min
 Lab File: VX001266.D
 Acq: 30 Apr 2018 21:21

Tgt Ion	75	Resp	54880
Ion Ratio	100	Lower	Upper
75	100		
77	44.6	0.0	85.8





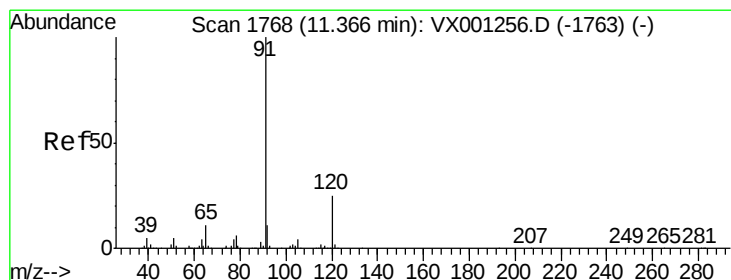
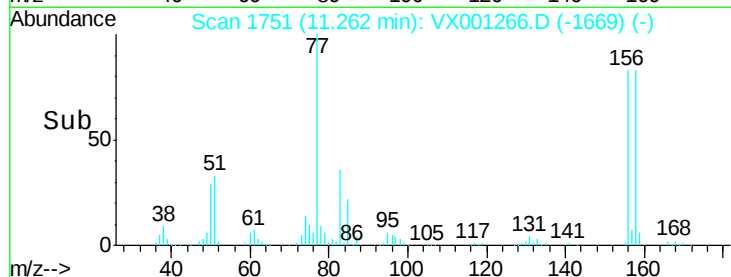
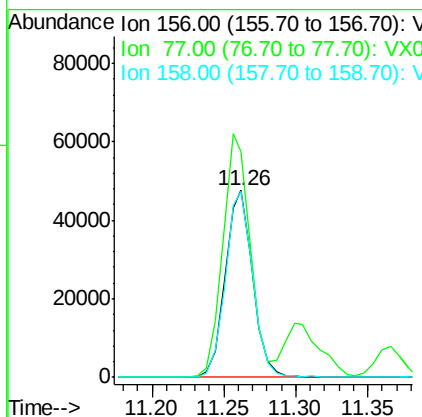
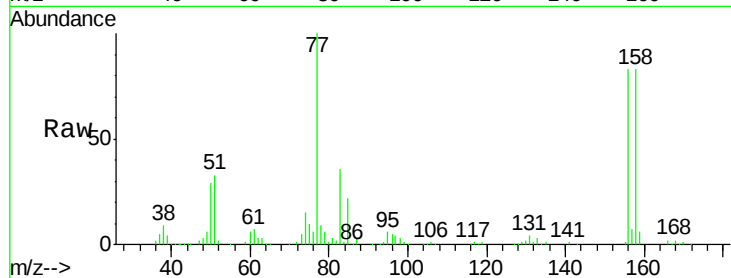
#73
Bromobenzene
Concen: 19.07 ug/l
RT: 11.26 min Scan# 1751
Delta R.T. 0.00 min
Lab File: VX001266.D
Acq: 30 Apr 2018 21:21

Instrument :
MSVOA_X
ClientSampleId :
VX0430WBSD01

Tot Ion	Ratio	Lower	Upper
156	100		
77	129.0	0.0	280.2
158	99.2	0.0	197.2

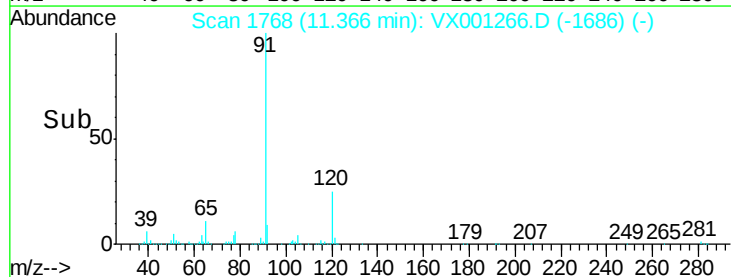
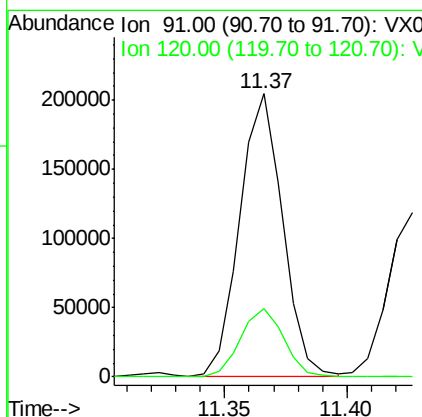
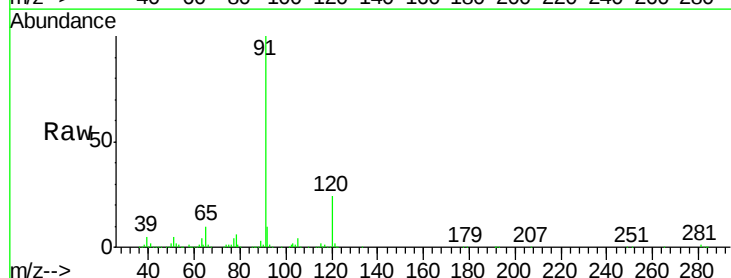
Manual Integrations
APPROVED

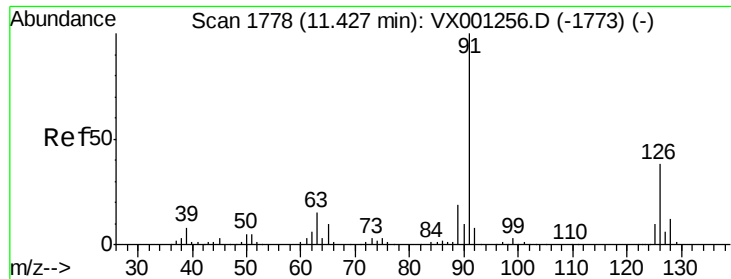
MMDadoda
5/2/2018 11:08:12 AM



#74
n-propylbenzene
Concen: 19.21 ug/l
RT: 11.37 min Scan# 1768
Delta R.T. 0.00 min
Lab File: VX001266.D
Acq: 30 Apr 2018 21:21

Tgt Ion	Ratio	Lower	Upper
91	100		
120	24.4	0.0	47.4





#75

2-Chlorotoluene

Concen: 19.06 ug/l

RT: 11.43 min Scan# 1778

Delta R.T. 0.00 min

Lab File: VX001266.D

Acq: 30 Apr 2018 21:21

Instrument :

MSVOA_X

ClientSampled :

VX0430WBSD01

Tot Ion: 91 Resp: 150058

Ion Ratio Lower Upper

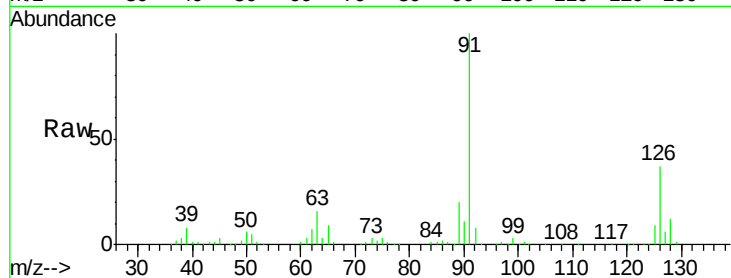
91 100

126 36.7 0.0 71.4

Manual Integrations
APPROVED

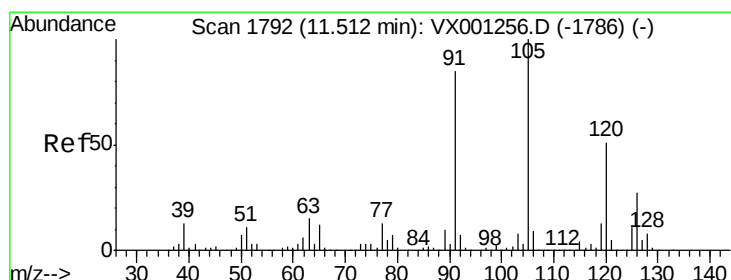
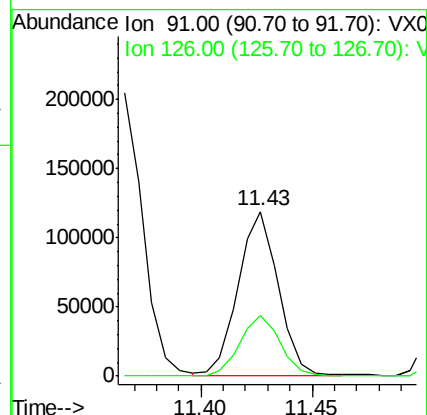
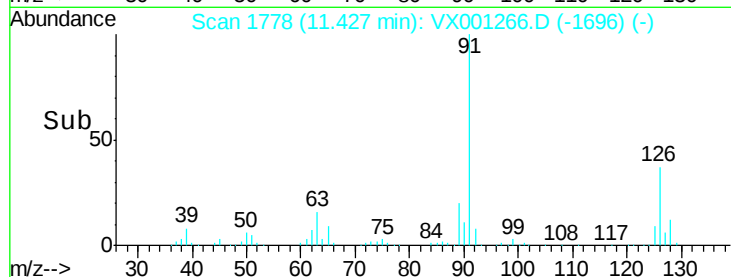
MMDadoda

5/2/2018 11:08:12 AM



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 126.00 (125.70 to 126.70): V



#76

1,3,5-Trimethylbenzene

Concen: 19.12 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX001266.D

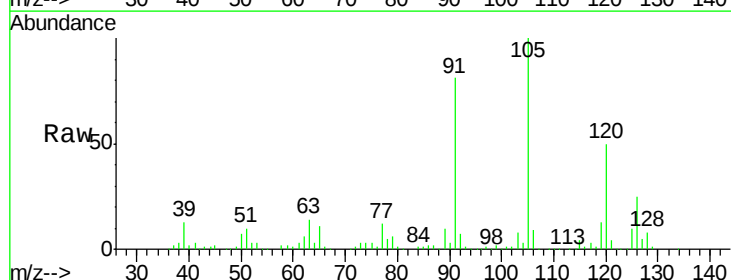
Acq: 30 Apr 2018 21:21

Tgt Ion:105 Resp: 188087

Ion Ratio Lower Upper

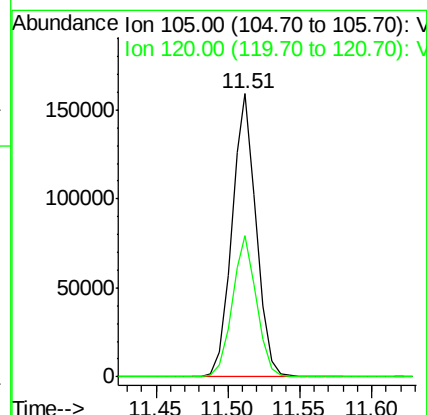
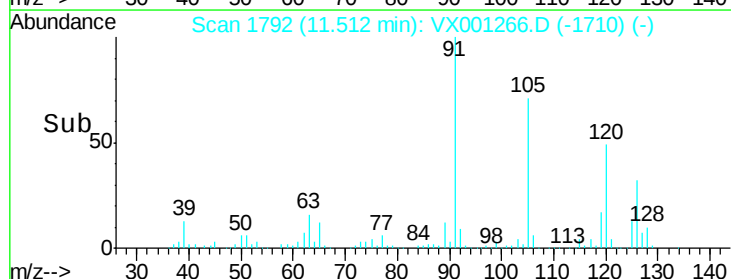
105 100

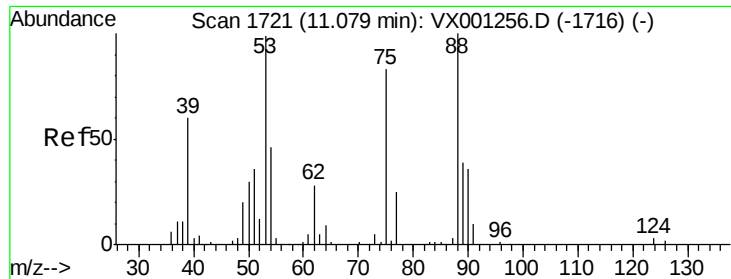
120 49.7 0.0 63.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#77

t-1,4-Dichloro-2-butene

Concen: 16.05 ug/l

RT: 11.08 min Scan# 1721

Delta R.T. 0.00 min

Lab File: VX001266.D

Acq: 30 Apr 2018 21:21

Instrument :

MSVOA_X

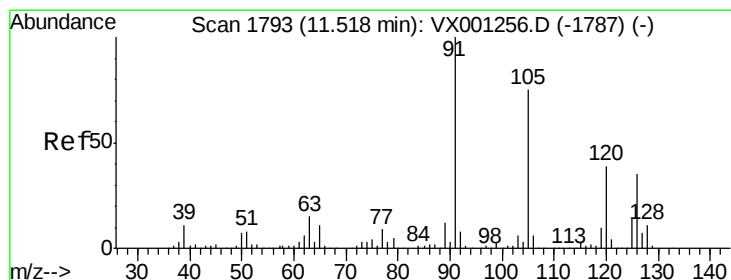
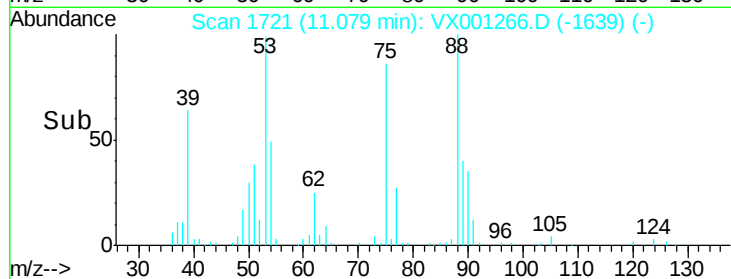
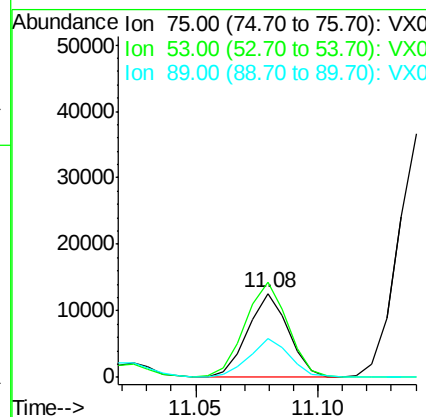
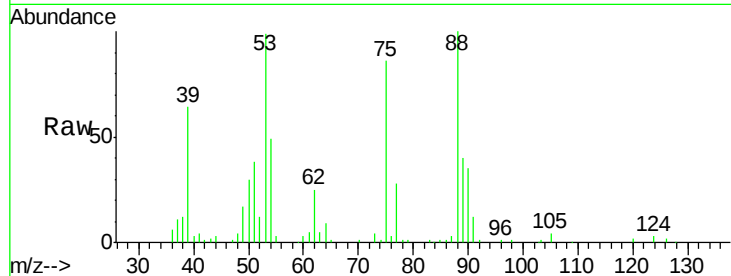
ClientSampleId :

VX0430WBSD01

Tot Ion:	75	Resp:	14477
Ion	Ratio	Lower	Upper
75	100		
53	114.3	47.8	143.3
89	46.3	22.3	66.8

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#78

4-Chlorotoluene

Concen: 18.58 ug/l

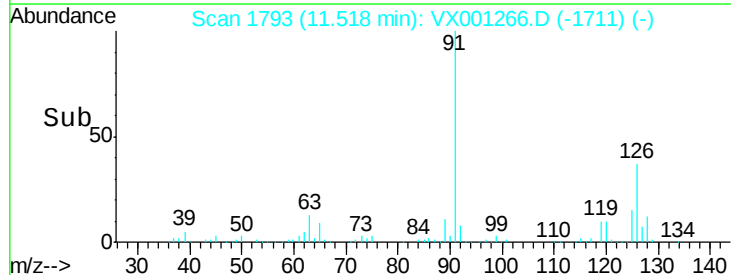
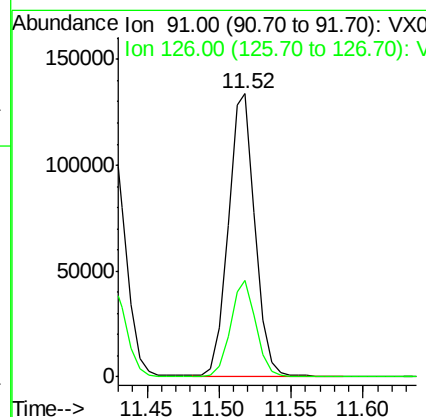
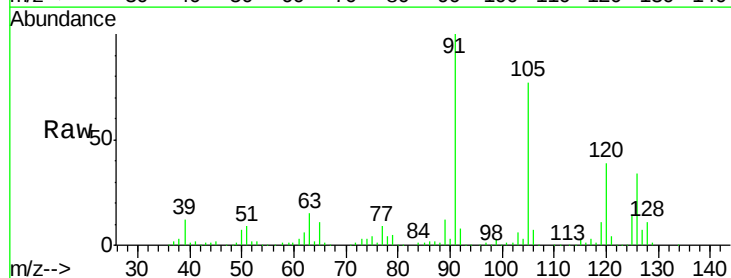
RT: 11.52 min Scan# 1793

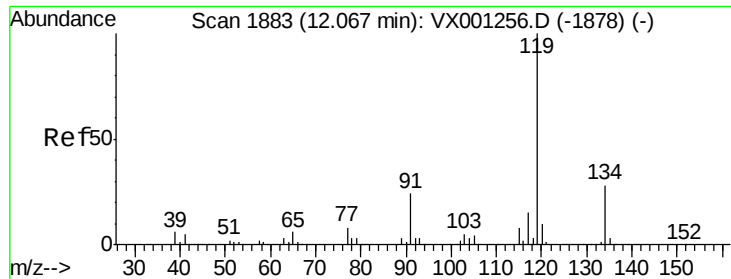
Delta R.T. 0.00 min

Lab File: VX001266.D

Acq: 30 Apr 2018 21:21

Tgt Ion:	91	Resp:	174481
Ion	Ratio	Lower	Upper
91	100		
126	32.5	0.0	63.4





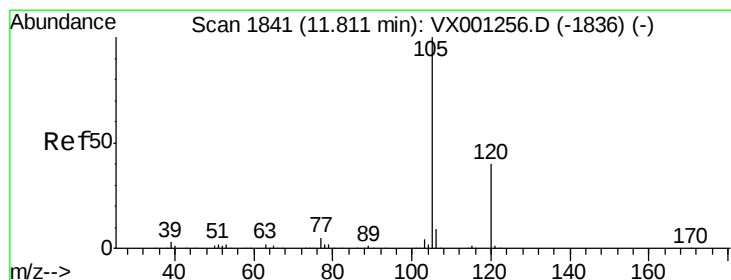
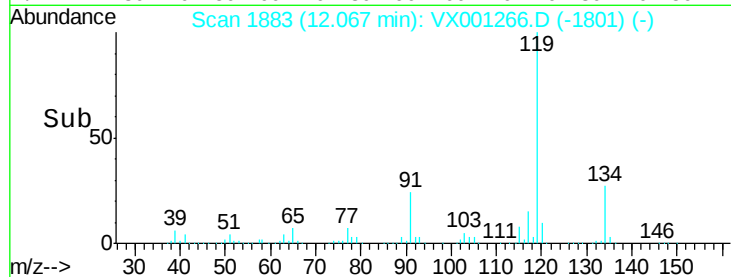
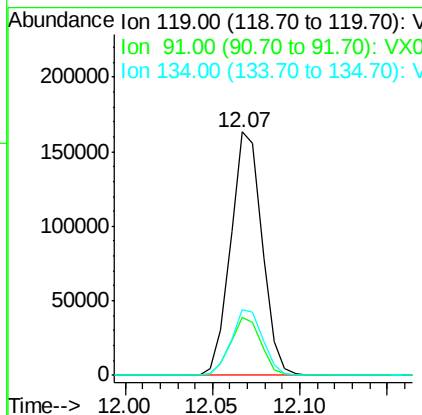
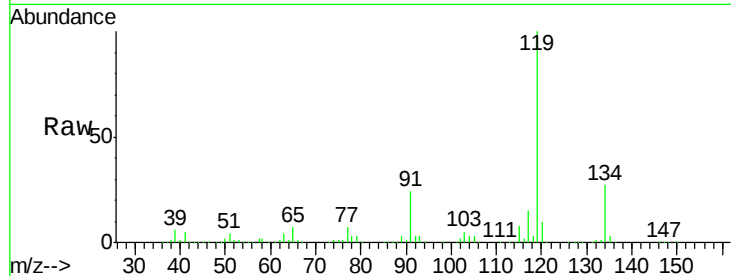
#79
tert-butylbenzene
Concen: 19.36 ug/l
RT: 12.07 min Scan# 1883
Delta R.T. 0.00 min
Lab File: VX001266.D
Acq: 30 Apr 2018 21:21

Instrument :
MSVOA_X
ClientSampleId :
VX0430WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
119	100	203826		
91	23.1	0.0	51.6	
134	27.2	0.0	60.2	

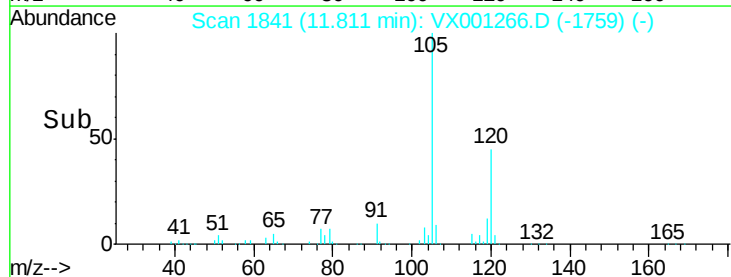
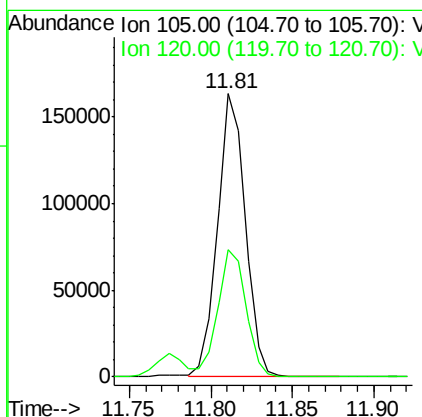
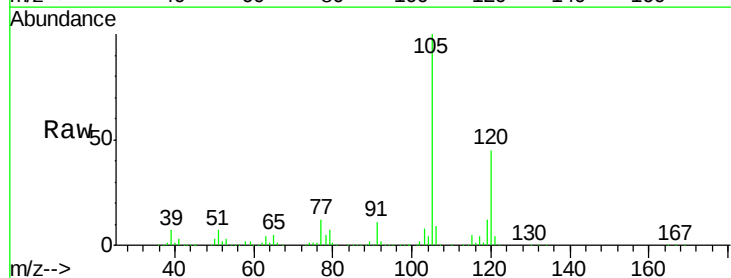
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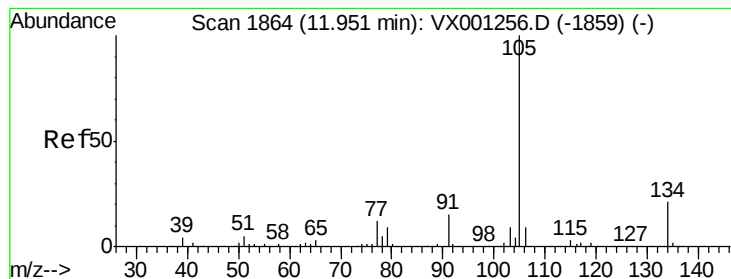
MMDadoda
5/2/2018 11:08:12 AM



#80
1,2,4-Trimethylbenzene
Concen: 19.41 ug/l
RT: 11.81 min Scan# 1841
Delta R.T. 0.00 min
Lab File: VX001266.D
Acq: 30 Apr 2018 21:21

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	194344		
120	45.5	0.0	93.0	





#81

sec-Butylbenzene

Concen: 19.79 ug/l

RT: 11.95 min Scan# 1864

Delta R.T. 0.00 min

Lab File: VX001266.D

Acq: 30 Apr 2018 21:21

Instrument :

MSVOA_X

ClientSampled :

VX0430WBSD01

Tot Ion:105 Resp: 226072

Ion Ratio Lower Upper

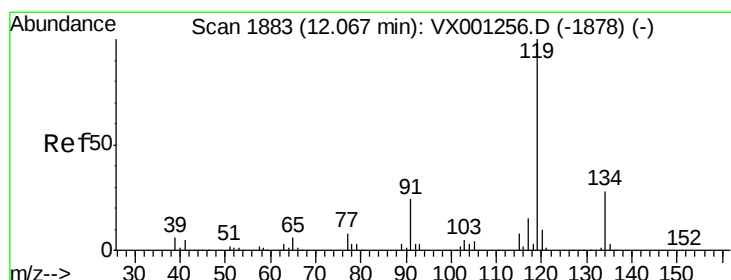
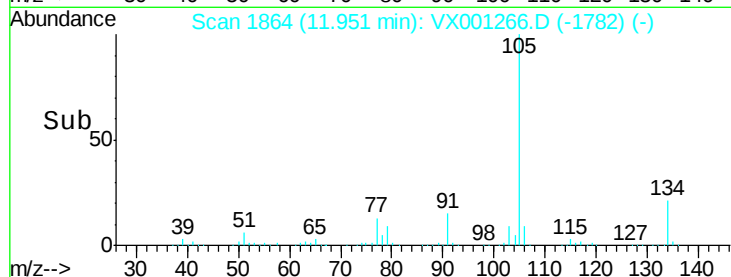
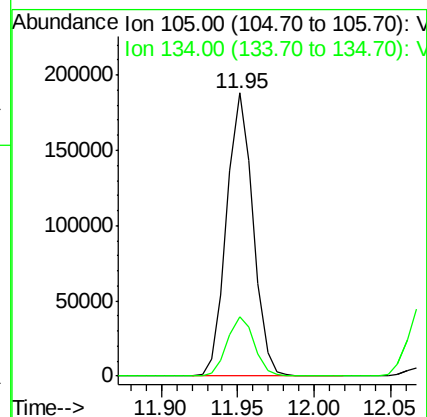
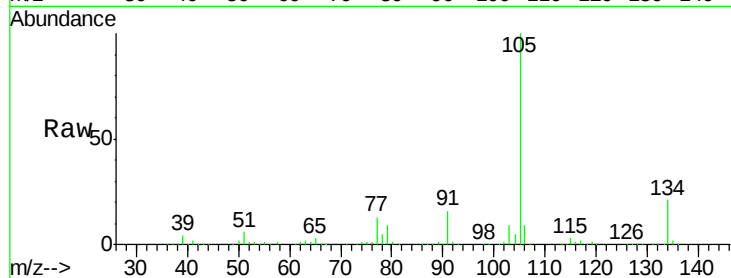
105 100

134 21.5 0.0 41.8

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#82

p-Isopropyltoluene

Concen: 19.36 ug/l

RT: 12.07 min Scan# 1883

Delta R.T. 0.00 min

Lab File: VX001266.D

Acq: 30 Apr 2018 21:21

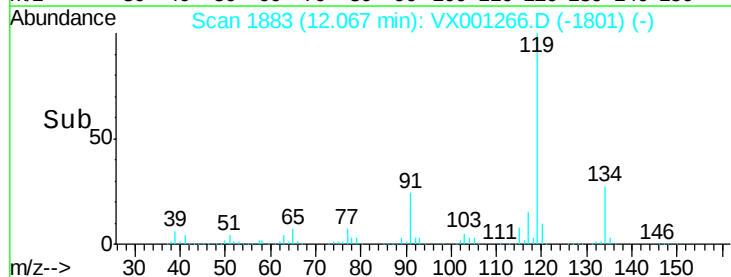
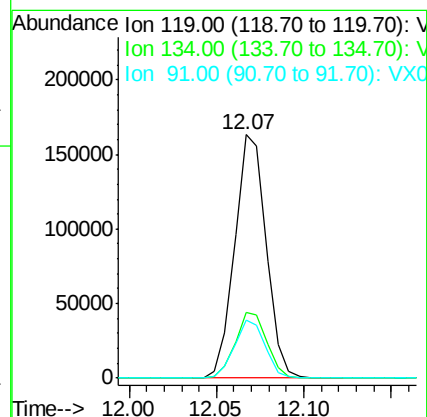
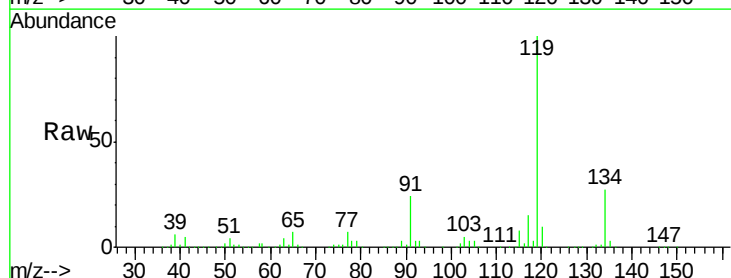
Tgt Ion:119 Resp: 203826

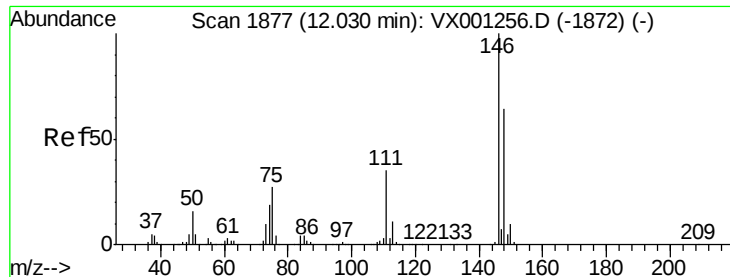
Ion Ratio Lower Upper

119 100

134 27.2 0.0 54.4

91 23.1 0.0 46.6





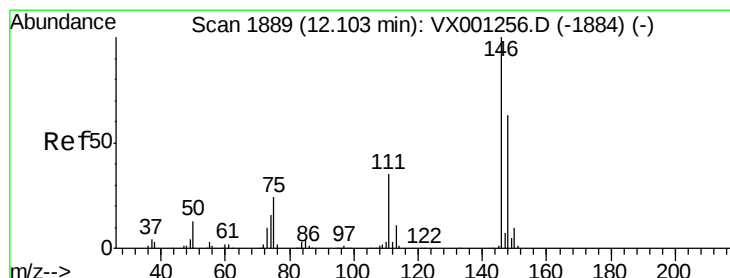
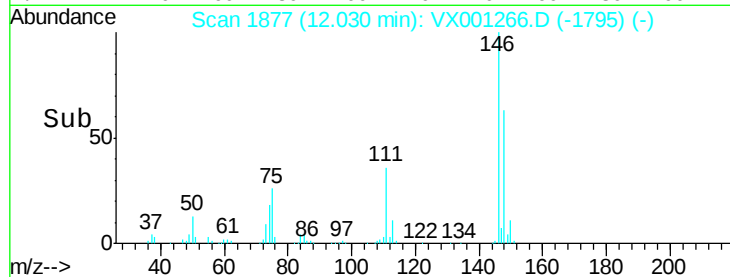
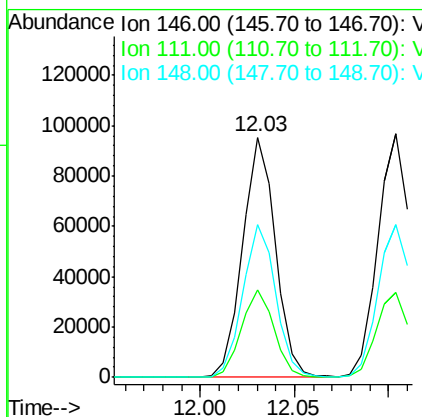
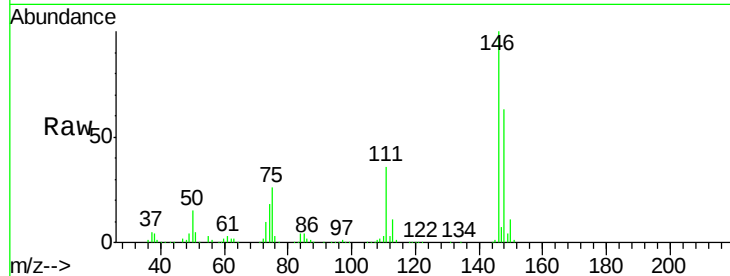
#83
 1,3-Dichlorobenzene
 Concen: 18.89 ug/l
 RT: 12.03 min Scan# 1877
 Delta R.T. 0.00 min
 Lab File: VX001266.D
 Acq: 30 Apr 2018 21:21

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0430WBSD01

Tot Ion	Ratio	Lower	Upper
146	100		
111	36.4	19.4	58.2
148	63.7	32.6	97.7

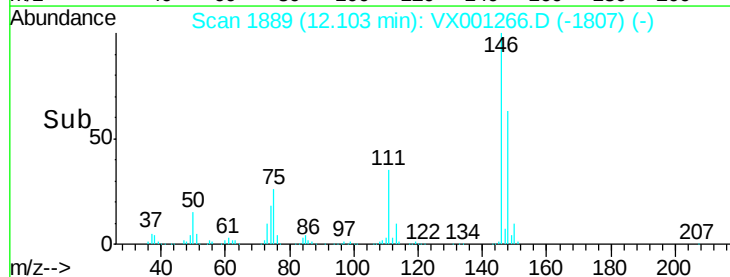
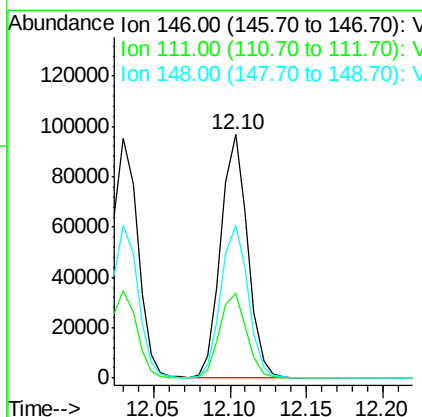
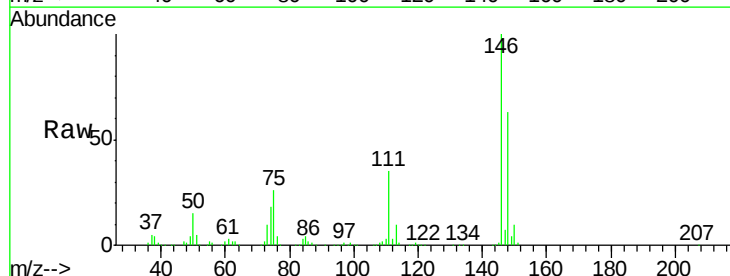
Manual Integrations
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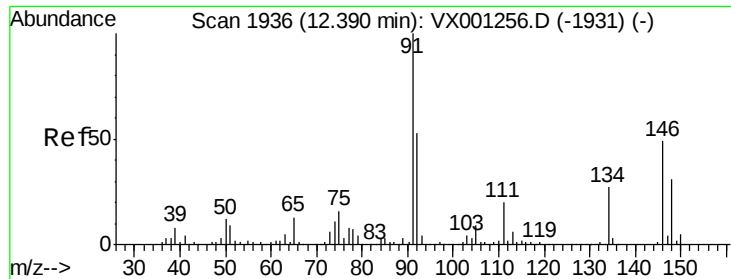
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 5/2/2018 11:08:12 AM



#84
 1,4-Dichlorobenzene
 Concen: 18.92 ug/l
 RT: 12.10 min Scan# 1889
 Delta R.T. 0.00 min
 Lab File: VX001266.D
 Acq: 30 Apr 2018 21:21

Tgt Ion	Ratio	Lower	Upper
146	100		
111	35.0	18.4	55.0
148	64.1	31.9	95.7





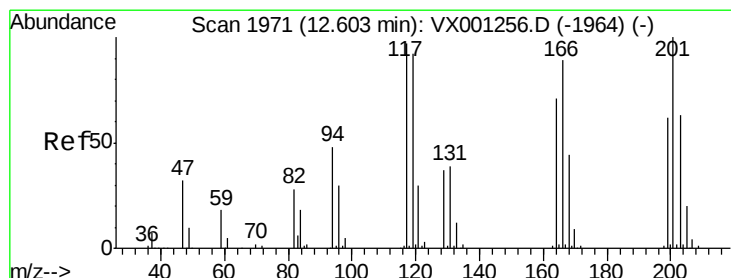
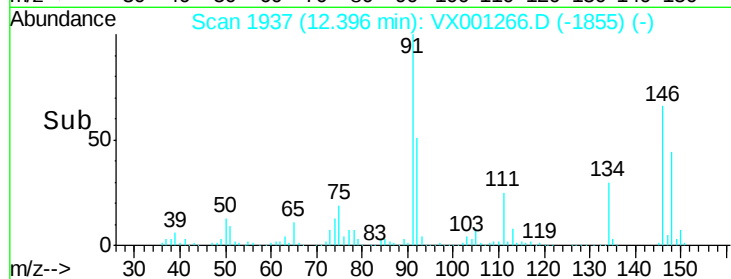
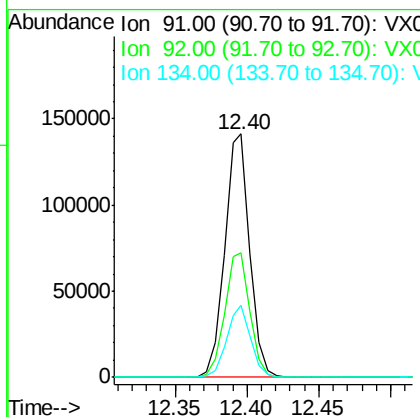
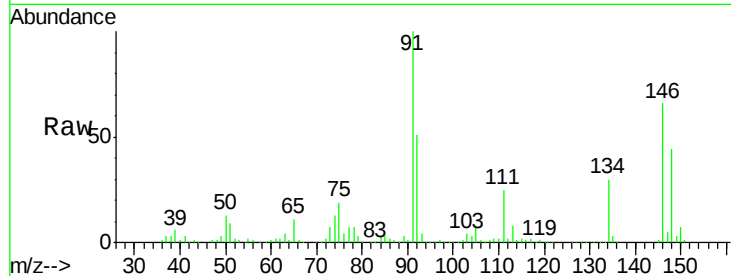
#85
n-Butylbenzene
Concen: 18.88 ug/l
RT: 12.40 min Scan# 1937
Delta R.T. 0.00 min
Lab File: VX001266.D
Acq: 30 Apr 2018 21:21

Instrument :
MSVOA_X
ClientSampled :
VX0430WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
91	100	171930		
92	51.6	0.0	102.0	
134	28.2	0.0	54.2	

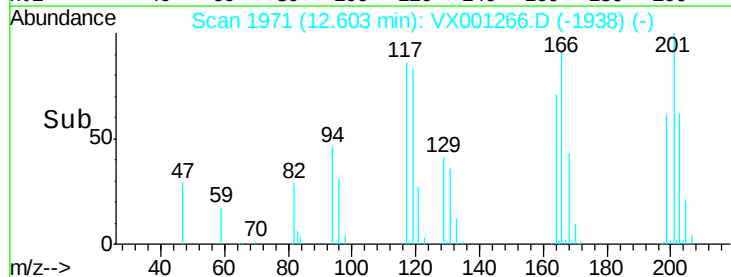
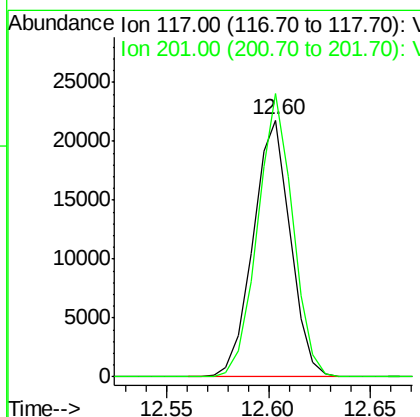
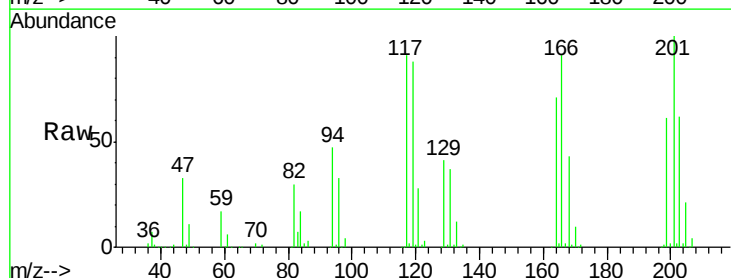
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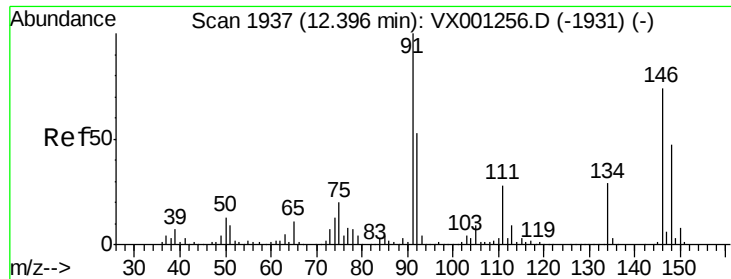
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#86
Hexachloroethane
Concen: 17.18 ug/l
RT: 12.60 min Scan# 1971
Delta R.T. 0.00 min
Lab File: VX001266.D
Acq: 30 Apr 2018 21:21

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	27643		
201	104.1	38.9	116.6	





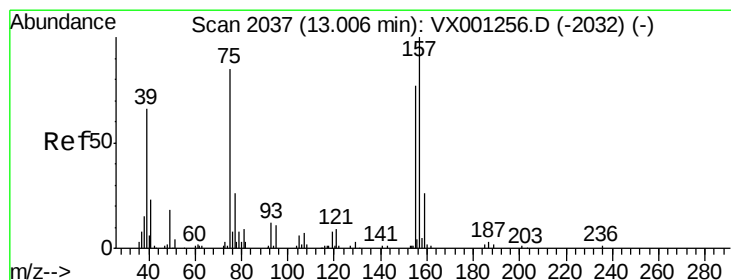
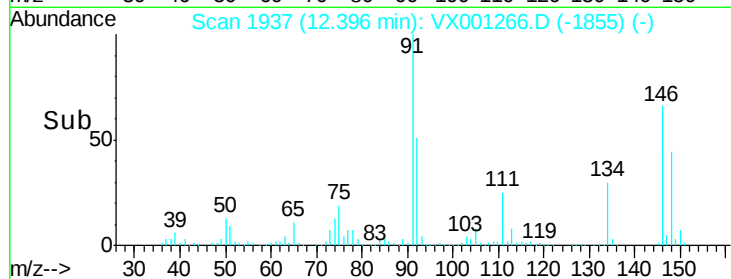
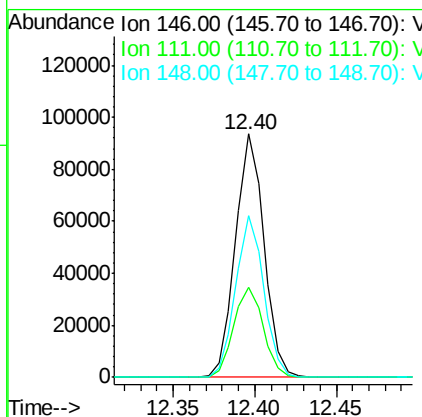
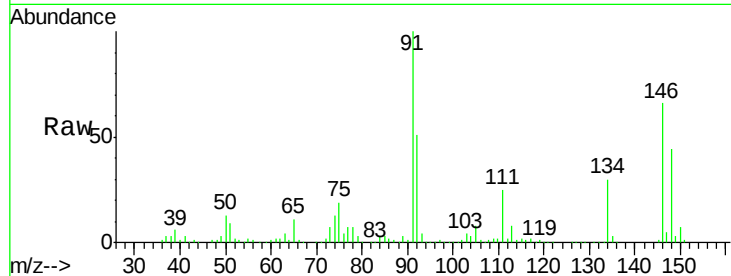
#87
 1,2-Dichlorobenzene
 Concen: 18.80 ug/l
 RT: 12.40 min Scan# 1937
 Delta R.T. 0.00 min
 Lab File: VX001266.D
 Acq: 30 Apr 2018 21:21

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0430WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
146	100	114385		
111	38.1	20.0	60.0	
148	65.5	31.6	95.0	

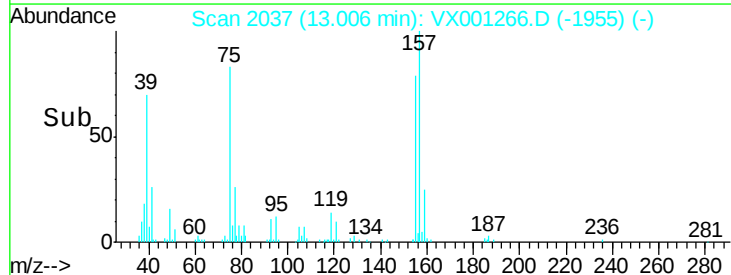
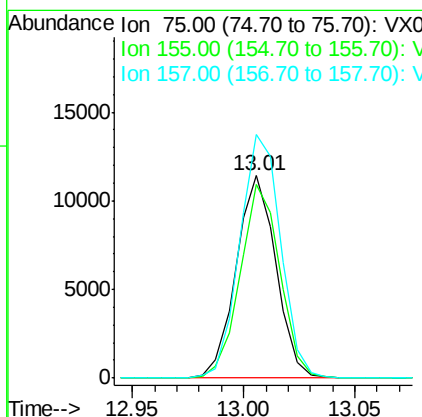
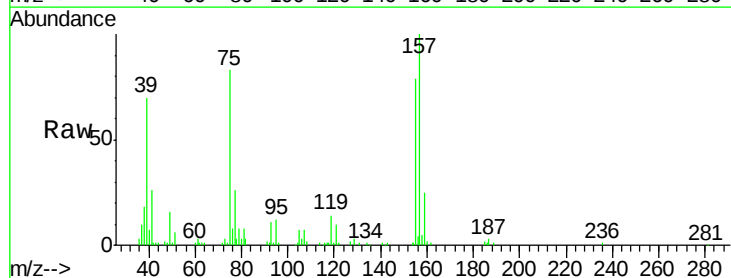
Manual Integrations
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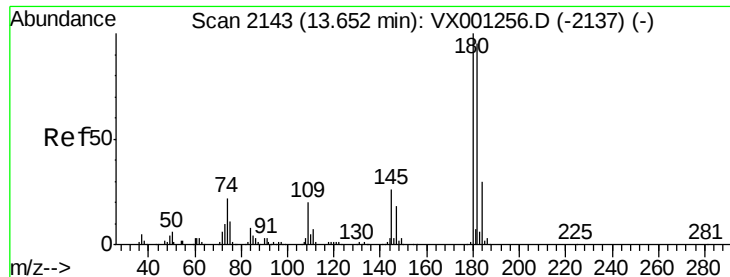
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#88
 1,2-Dibromo-3-Chloropropane
 Concen: 20.12 ug/l
 RT: 13.01 min Scan# 2037
 Delta R.T. 0.00 min
 Lab File: VX001266.D
 Acq: 30 Apr 2018 21:21

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	14245		
155	95.3	75.1	112.7	
157	123.8	99.0	148.4	





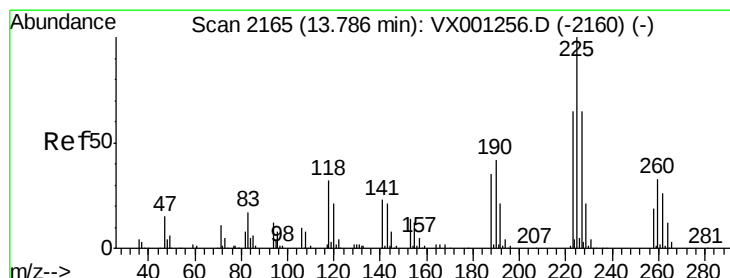
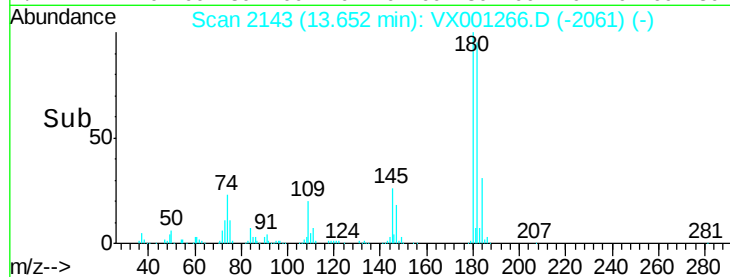
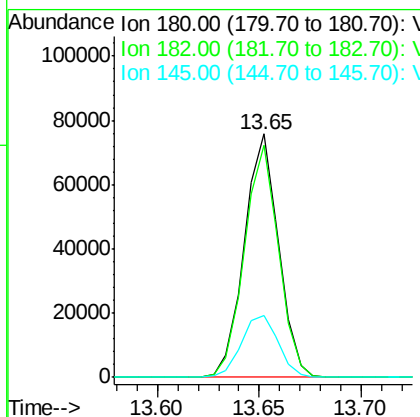
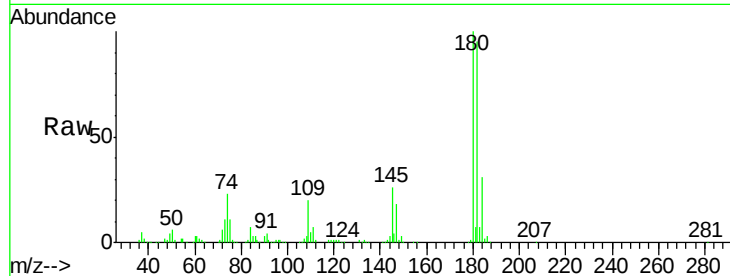
#89
 1,2,4-Trichlorobenzene
 Concen: 19.18 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. 0.00 min
 Lab File: VX001266.D
 Acq: 30 Apr 2018 21:21

Instrument :
 MSVOA_X
 ClientSampled :
 VX0430WBSD01

Tot Ion	Ratio	Lower	Upper
180	100		
182	95.2	76.3	114.5
145	27.4	24.6	37.0

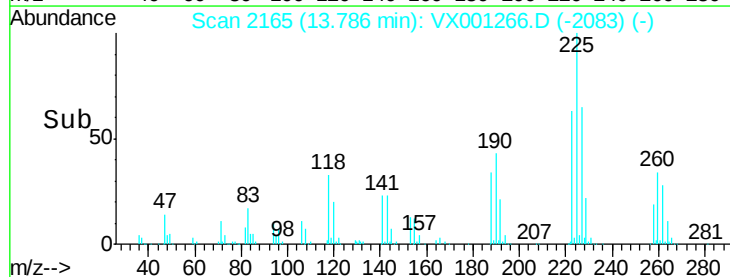
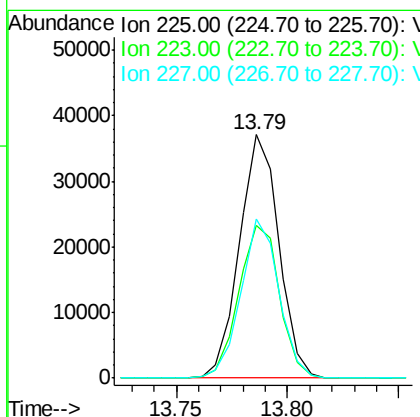
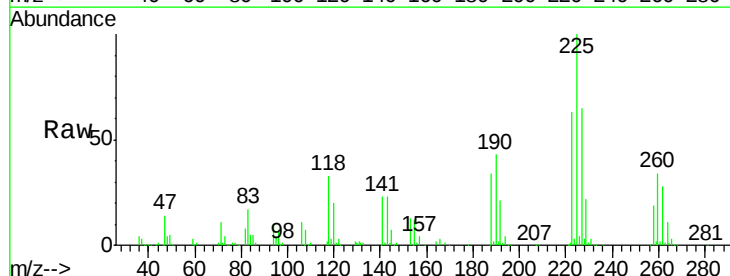
Manual Integrations
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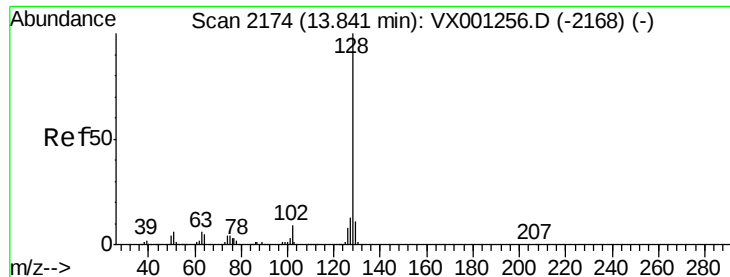
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#90
 Hexachlorobutadiene
 Concen: 21.43 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. 0.00 min
 Lab File: VX001266.D
 Acq: 30 Apr 2018 21:21

Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.4	0.0	131.2
227	63.0	0.0	127.6





#91

Naphthalene

Concen: 20.51 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. 0.00 min

Lab File: VX001266.D

Acq: 30 Apr 2018 21:21

Instrument :

MSVOA_X

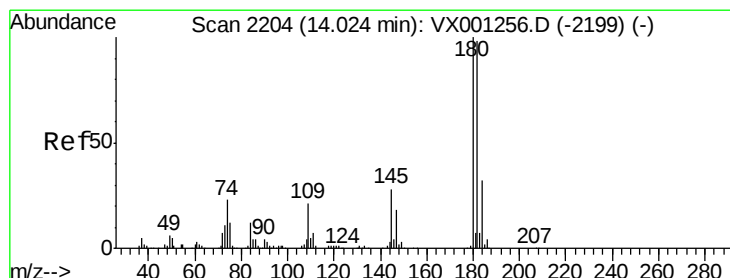
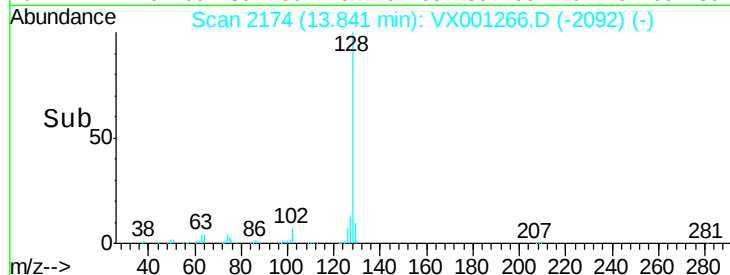
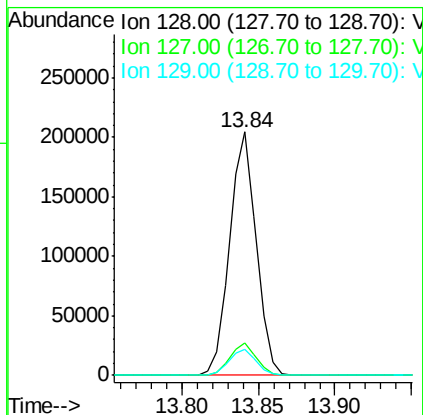
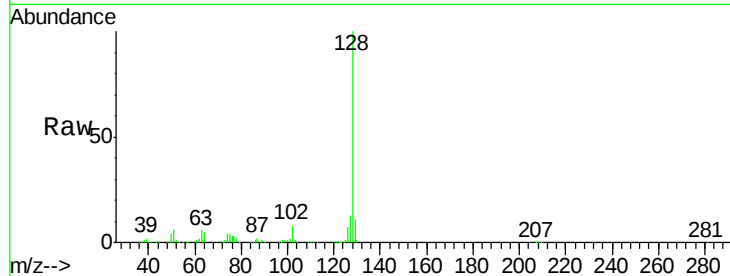
ClientSampleId :

VX0430WBSD01

Tot Ion:	128	Resp:	245278
Ion Ratio	Lower	Upper	
128	100		
127	13.2	10.5	15.7
129	10.9	9.0	13.6

Manual Integrations
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#92

1,2,3-Trichlorobenzene

Concen: 19.86 ug/l

RT: 14.02 min Scan# 2204

Delta R.T. 0.00 min

Lab File: VX001266.D

Acq: 30 Apr 2018 21:21

Tgt Ion:	180	Resp:	90394
Ion Ratio	Lower	Upper	
180	100		
182	96.3	0.0	188.6
145	28.9	0.0	65.8

