

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX042618\
 Data File : VX001146.D
 Acq On : 26 Apr 2018 23:54
 Operator : JC/MD
 Sample : VX0426WBSD02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0426WBSD02

Manual Integrations
 APPROVED

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 4/30/2018 6:03:30 PM

Quant Time: Apr 27 07:31:01 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X042618W.M
 Quant Title : SW846 8260
 QLast Update : Fri Apr 27 01:51:42 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	228717	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	316841	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	298640	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	197151	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	160474	45.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.52%	
35) Dibromofluoromethane	5.51	113	126393	48.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.40%	
50) Toluene-d8	8.72	98	482038	48.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.42%	
62) 4-Bromofluorobenzene	11.14	95	184423	47.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.40%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	49819	20.770	ug/l	98
3) Chloromethane	1.32	50	49923	19.874	ug/l	100
4) Vinyl Chloride	1.40	62	54582	20.479	ug/l	98
5) Bromomethane	1.64	94	41157	24.085	ug/l	99
6) Chloroethane	1.73	64	34578	20.612	ug/l	96
7) Trichlorofluoromethane	1.93	101	91034	21.149	ug/l	99
8) Diethyl Ether	2.19	74	32890	19.873	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.39	101	49696	20.955	ug/l	99
10) Methyl Iodide	2.51	142	38205	20.490	ug/l	98
11) Tert butyl alcohol	3.09	59	71385	102.102	ug/l	99
12) 1,1-Dichloroethene	2.38	96	47191	20.403	ug/l	97
13) Acrolein	2.30	56	22192	83.963	ug/l	99
14) Allyl chloride	2.73	41	86779	20.568	ug/l	99
15) Acrylonitrile	3.15	53	146857	98.364	ug/l	98
16) Acetone	2.45	43	137244	94.134	ug/l	99
17) Carbon Disulfide	2.57	76	119352	20.224	ug/l	99
18) Methyl Acetate	2.79	43	76526	20.976	ug/l	99
19) Methyl tert-butyl Ether	3.21	73	169960	19.962	ug/l	99
20) Methylene Chloride	2.86	84	52297	19.260	ug/l	98
21) trans-1,2-Dichloroethene	3.17	96	51254	20.047	ug/l	96
22) Diisopropyl ether	3.89	45	163583	19.377	ug/l	98
23) Vinyl Acetate	3.84	43	705101	98.453	ug/l	99
24) 1,1-Dichloroethane	3.70	63	87733	19.774	ug/l	98
25) 2-Butanone	4.72	43	210042	96.284	ug/l	99
26) 2,2-Dichloropropane	4.59	77	60150	17.223	ug/l	97
27) cis-1,2-Dichloroethene	4.60	96	55471	19.815	ug/l	99
28) Bromochloromethane	5.03	49	37515	18.858	ug/l	100
29) Tetrahydrofuran	5.18	42	136539	97.347	ug/l	99
30) Chloroform	5.23	83	95087	20.153	ug/l	94
31) Cyclohexane	5.58	56	78433	20.807	ug/l	96
32) 1,1,1-Trichloroethane	5.51	97	83837	20.584	ug/l	99
36) 1,1-Dichloropropene	5.81	75	69946	20.033	ug/l	99
37) Ethyl Acetate	4.87	43	81983	19.608	ug/l	99
38) Carbon Tetrachloride	5.79	117	72650	20.293	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.47	83	80224	20.761	ug/l	95
40) Benzene	6.15	78	208790	20.672	ug/l	98
41) Methacrylonitrile	5.07	41	46481	19.784	ug/l	100
42) 1,2-Dichloroethane	6.21	62	81970	20.140	ug/l	100
43) Isopropyl Acetate	6.48	43	128461	19.563	ug/l	100
44) Trichloroethene	7.22	130	61387	20.401	ug/l	98
45) 1,2-Dichloropropane	7.52	63	51976	19.566	ug/l	98
46) Dibromomethane	7.67	93	37127	20.183	ug/l	99
47) Bromodichloromethane	7.91	83	65934	19.727	ug/l	99
48) Methyl methacrylate	7.79	41	68882	19.735	ug/l	98
49) 1,4-Dioxane	7.76	88	27248	389.920	ug/l	97
51) 4-Methyl-2-Pentanone	8.66	43	433986	100.612	ug/l	98
52) Toluene	8.79	92	136427	20.655	ug/l	98
53) t-1,3-Dichloropropene	8.45	75	76821	19.771	ug/l	98
54) cis-1,3-Dichloropropene	9.05	75	71279	19.008	ug/l	98
55) 1,1,2-Trichloroethane	9.23	97	54718	19.581	ug/l	99
56) Ethyl methacrylate	9.19	69	81811	19.760	ug/l	99
57) 1,3-Dichloropropane	9.38	76	90170	19.946	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	190381	97.266	ug/l	99
59) 2-Hexanone	9.51	43	332917	98.506	ug/l	99
60) Dibromochloromethane	9.59	129	56265	19.430	ug/l	100
61) 1,2-Dibromoethane	9.68	107	59265	20.244	ug/l	99
64) Tetrachloroethene	9.34	164	68506	21.491	ug/l	99
65) Chlorobenzene	10.15	112	159400	20.373	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.23	131	55172	20.381	ug/l	99
67) Ethyl Benzene	10.26	91	263469	20.725	ug/l	99
68) m/p-Xylenes	10.37	106	206371	41.062	ug/l	100
69) o-Xylene	10.71	106	101610	20.845	ug/l	100
70) Styrene	10.72	104	164227	20.244	ug/l	99
71) Bromoform	10.87	173	44207	18.939	ug/l #	98
73) Isopropylbenzene	11.02	105	273246	21.264	ug/l	99
74) N-amyl acetate	6.48	43	128461	19.839	ug/l #	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	84569	19.835	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	79827m	19.885	ug/l	
77) Bromobenzene	11.26	156	77489	20.335	ug/l	99
78) n-propylbenzene	11.37	91	304059	21.220	ug/l	100
79) 2-Chlorotoluene	11.43	91	185005	20.829	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	230658	21.201	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	17487	17.579	ug/l	90
82) 4-Chlorotoluene	11.52	91	217757	20.626	ug/l	99
83) tert-Butylbenzene	11.77	119	225216	20.743	ug/l	96
84) 1,2,4-Trimethylbenzene	11.81	105	237773	21.263	ug/l	99
85) sec-Butylbenzene	11.95	105	273375	21.554	ug/l	100
86) p-Isopropyltoluene	12.07	119	251659	21.330	ug/l	99
87) 1,3-Dichlorobenzene	12.03	146	140484	20.535	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	142770	20.030	ug/l	99
89) n-Butylbenzene	12.40	91	211942	20.755	ug/l	100
90) Hexachloroethane	12.60	117	34887	20.463	ug/l	97
91) 1,2-Dichlorobenzene	12.40	146	141601	20.479	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.01	75	18937	20.126	ug/l	98

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ClientSampleId :
VX0426WBSD02

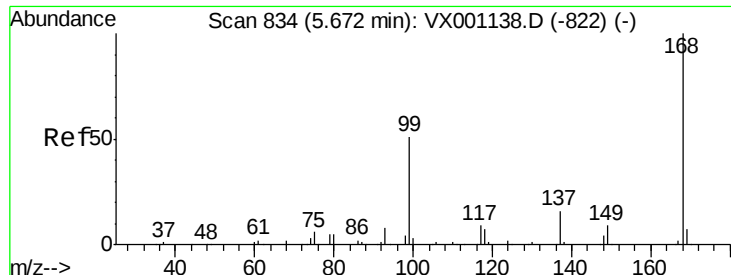
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	108540	20.024	ug/l	100
94) Hexachlorobutadiene	13.79	225	53223	20.889	ug/l	99
95) Naphthalene	13.84	128	311396	20.619	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	111495	20.670	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 834

Delta R.T. -0.00 min

Lab File: VX001146.D

Acq: 26 Apr 2018 23:54

Instrument :

MSVOA_X

ClientSampleId :

VX0426WBSD02

Tot Ion:168 Resp: 228717

Ion Ratio Lower Upper

168 100

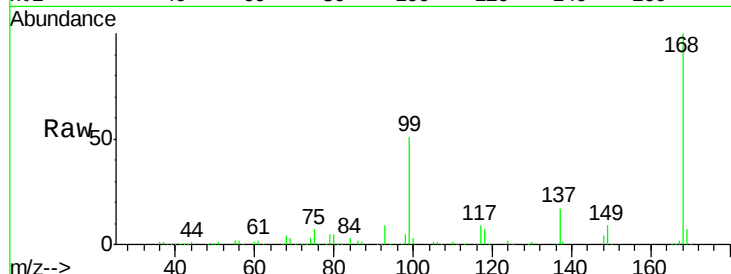
99 51.0 40.6 60.8

Manual Integrations

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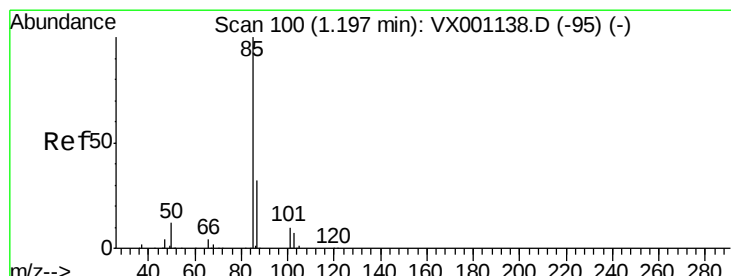
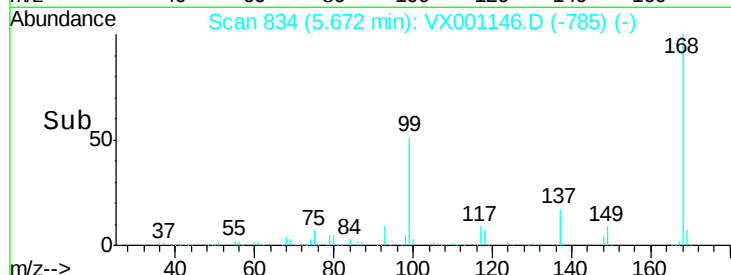
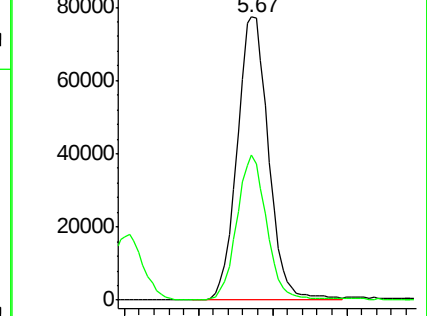
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 20.770 ug/l

RT: 1.20 min Scan# 100

Delta R.T. -0.00 min

Lab File: VX001146.D

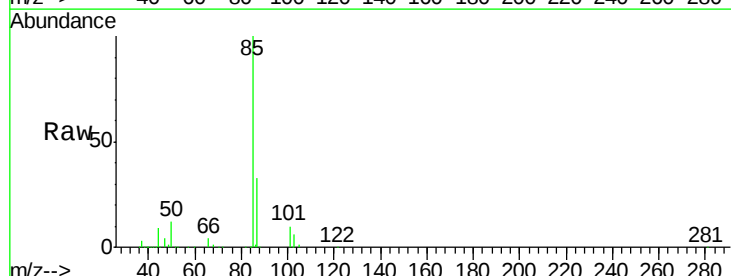
Acq: 26 Apr 2018 23:54

Tgt Ion: 85 Resp: 49819

Ion Ratio Lower Upper

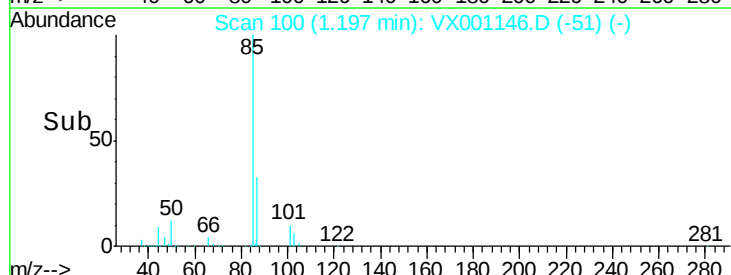
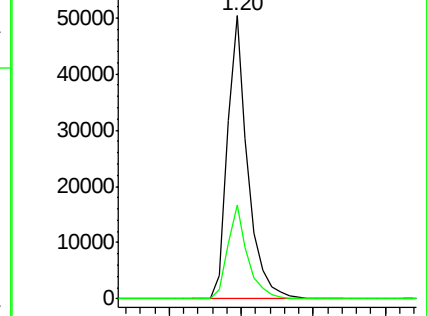
85 100

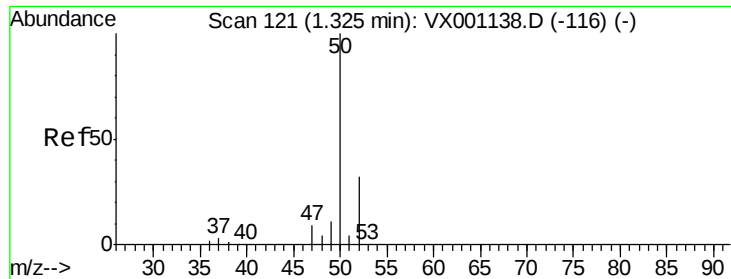
87 33.1 15.9 47.6



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 19.874 ug/l

RT: 1.32 min Scan# 121

Delta R.T. -0.00 min

Lab File: VX001146.D

Acq: 26 Apr 2018 23:54

Instrument :

MSVOA_X

ClientSampleId :

VX0426WBSD02

Tot Ion: 50 Resp: 49923

Ion Ratio Lower Upper

50 100

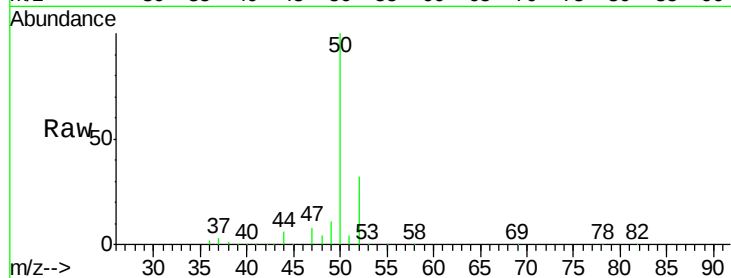
52 32.4 25.9 38.9

Manual Integrations

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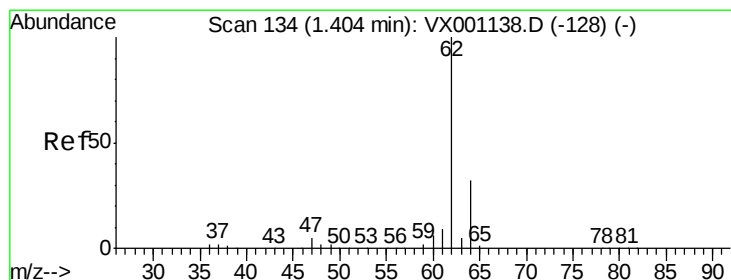
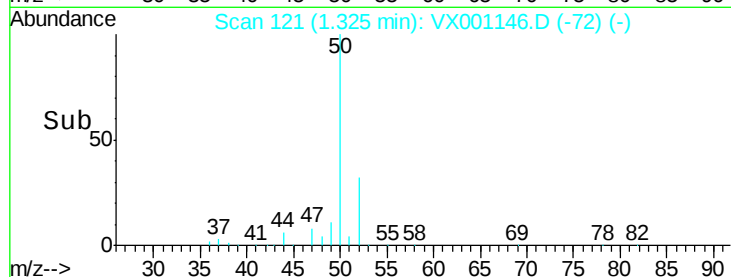
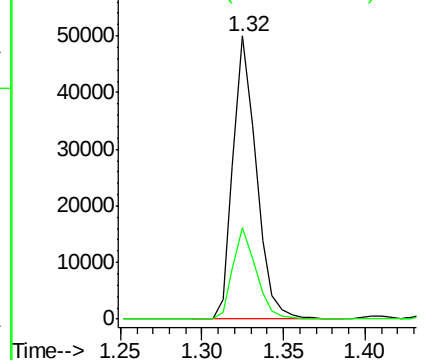
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Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 20.479 ug/l

RT: 1.40 min Scan# 134

Delta R.T. -0.00 min

Lab File: VX001146.D

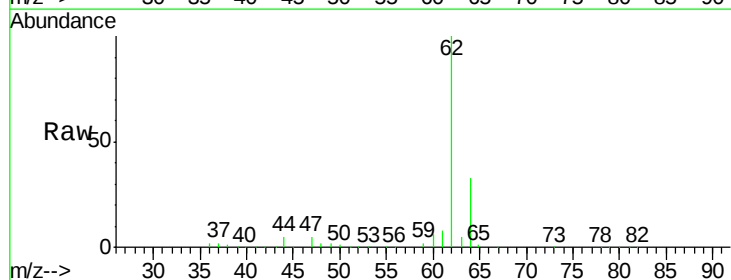
Acq: 26 Apr 2018 23:54

Tgt Ion: 62 Resp: 54582

Ion Ratio Lower Upper

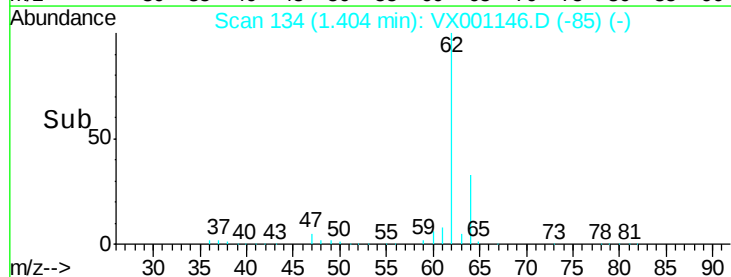
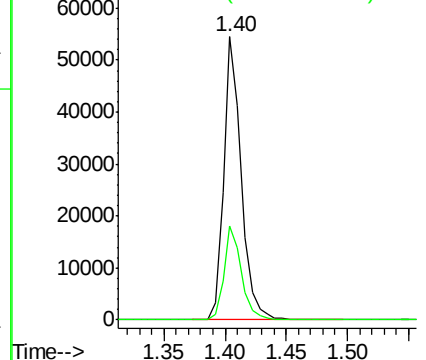
62 100

64 33.0 25.6 38.4



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 24.085 ug/l

RT: 1.64 min Scan# 173

Delta R.T. 0.01 min

Lab File: VX001146.D

Acq: 26 Apr 2018 23:54

Instrument :

MSVOA_X

ClientSampleId :

VX0426WBSD02

Tot Ion: 94 Resp: 41157

Ion Ratio Lower Upper

94 100

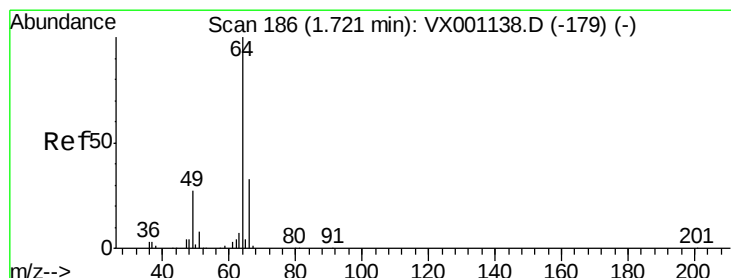
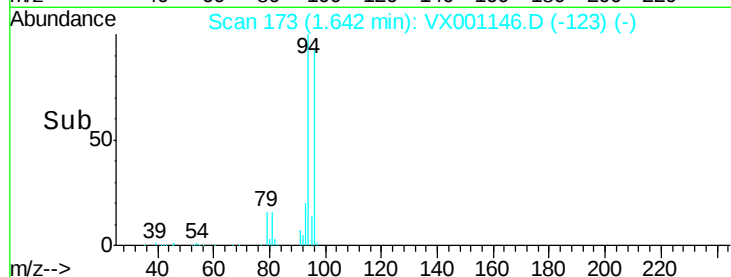
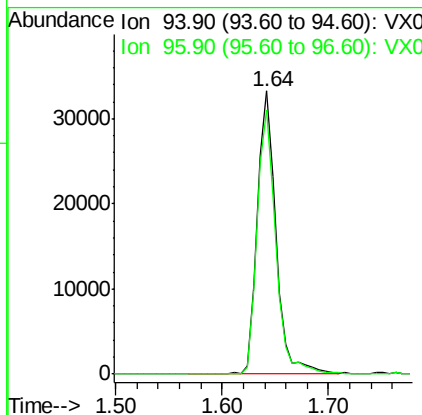
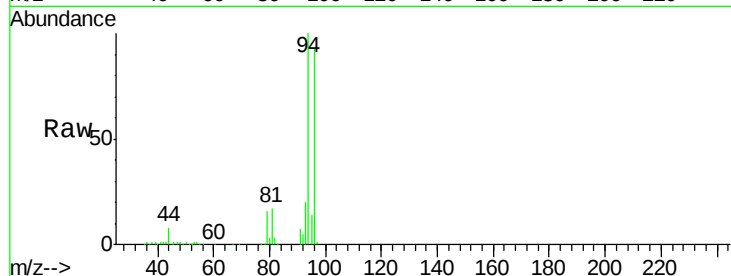
96 93.2 75.3 112.9

Manual Integrations

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#6

Chloroethane

Concen: 20.612 ug/l

RT: 1.73 min Scan# 187

Delta R.T. 0.01 min

Lab File: VX001146.D

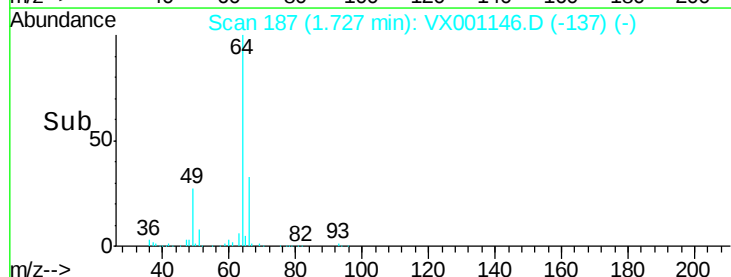
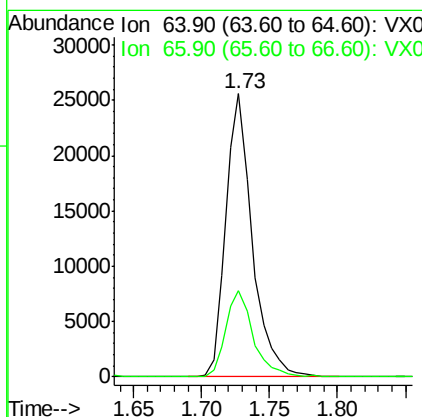
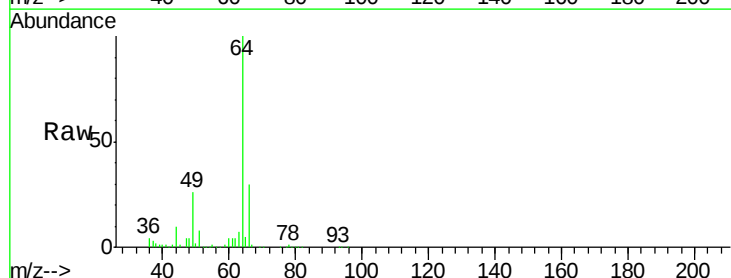
Acq: 26 Apr 2018 23:54

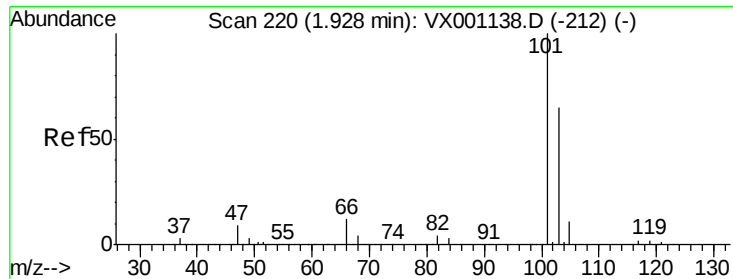
Tgt Ion: 64 Resp: 34578

Ion Ratio Lower Upper

64 100

66 30.4 26.1 39.1





#7

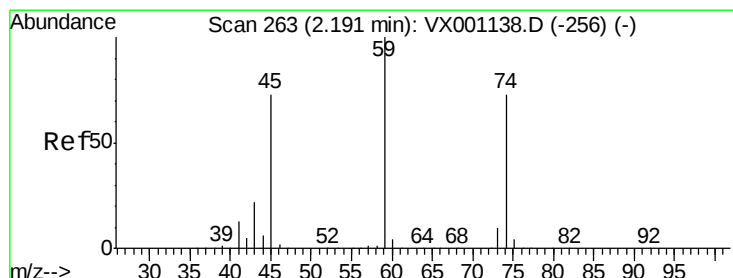
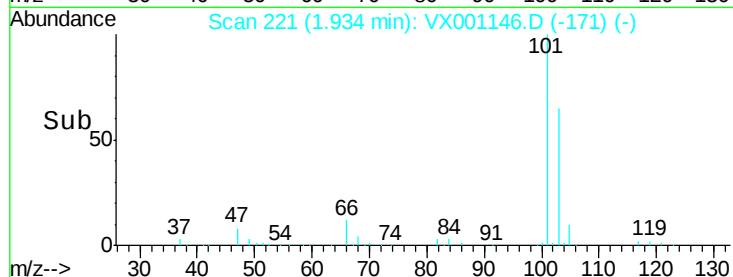
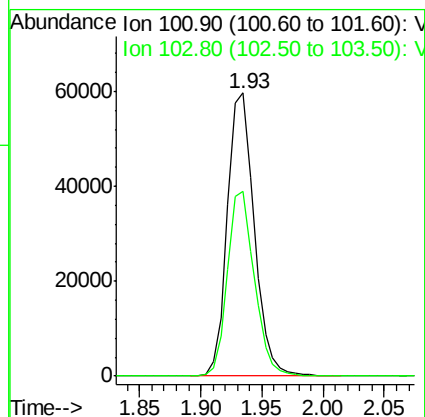
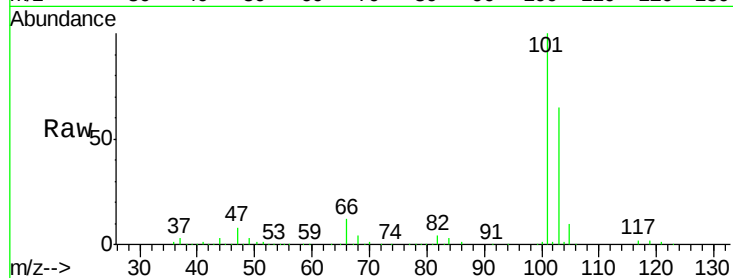
Trichlorofluoromethane
 Concen: 21.149 ug/l
 RT: 1.93 min Scan# 221
 Delta R.T. 0.01 min
 Lab File: VX001146.D
 Acq: 26 Apr 2018 23:54

Instrument :
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 ClientSampleId :
 VX0426WBSD02

Tot Ion	Ratio	Lower	Upper
101	100		
103	65.4	51.9	77.9

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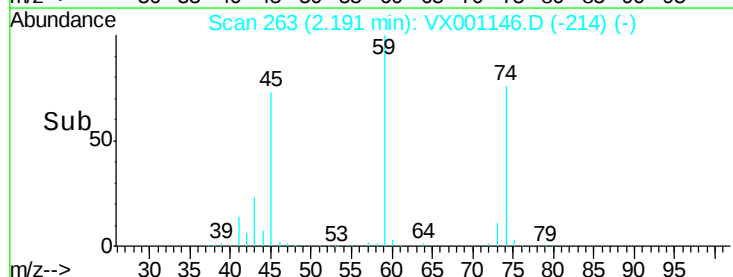
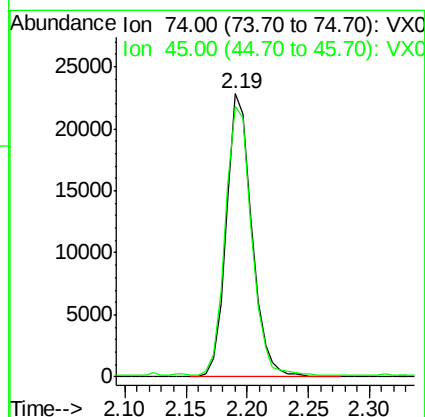
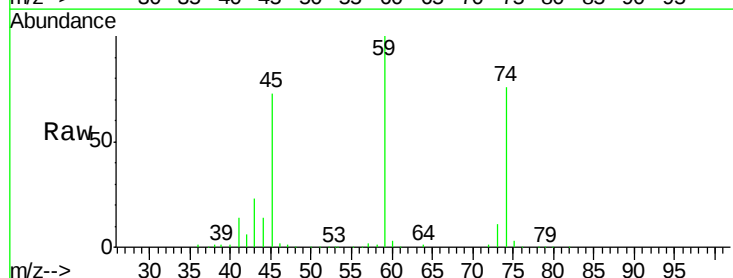
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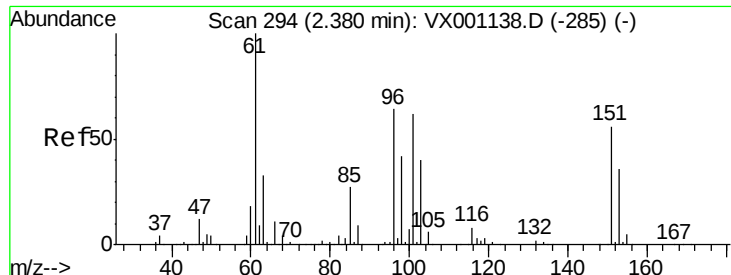


#8

Diethyl Ether
 Concen: 19.873 ug/l
 RT: 2.19 min Scan# 263
 Delta R.T. -0.00 min
 Lab File: VX001146.D
 Acq: 26 Apr 2018 23:54

Tgt Ion	Ratio	Lower	Upper
74	100		
45	98.8	49.5	148.7





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.955 ug/l

RT: 2.39 min Scan# 295

Delta R.T. 0.01 min

Lab File: VX001146.D

Acq: 26 Apr 2018 23:54

Instrument :

MSVOA_X

ClientSampleId :

VX0426WBSD02

Tot Ion:101 Resp: 49696

Ion Ratio Lower Upper

101 100

85 45.1 35.4 53.0

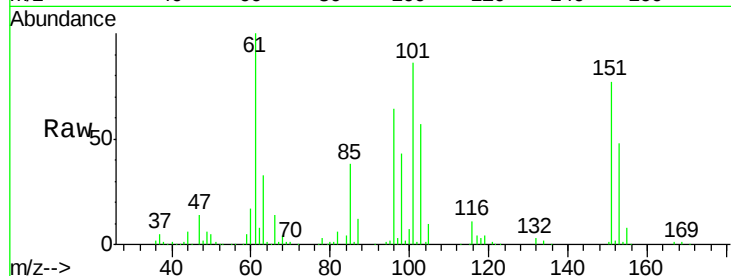
151 92.3 74.2 111.4

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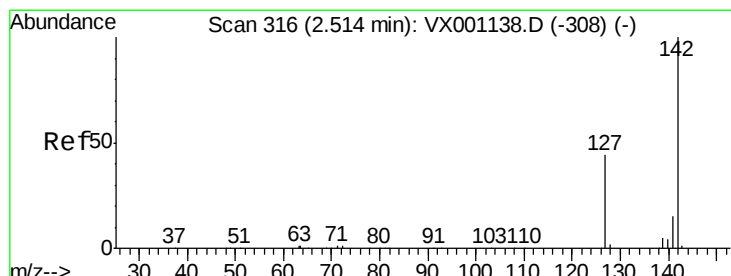
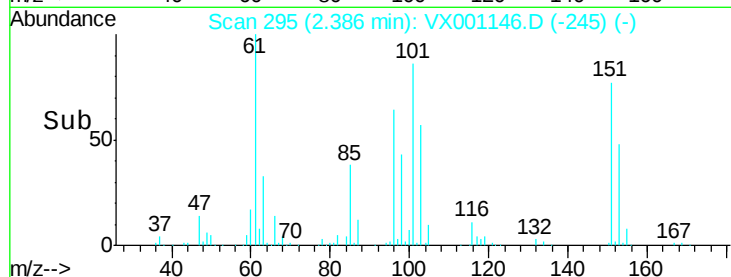
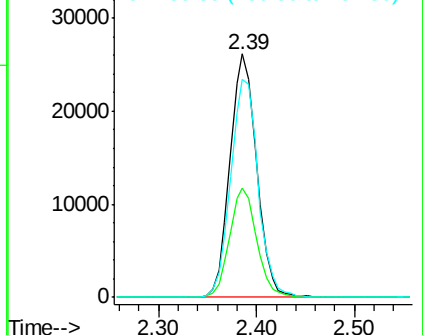
4/30/2018 6:03:30 PM



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 20.490 ug/l

RT: 2.51 min Scan# 316

Delta R.T. 0.00 min

Lab File: VX001146.D

Acq: 26 Apr 2018 23:54

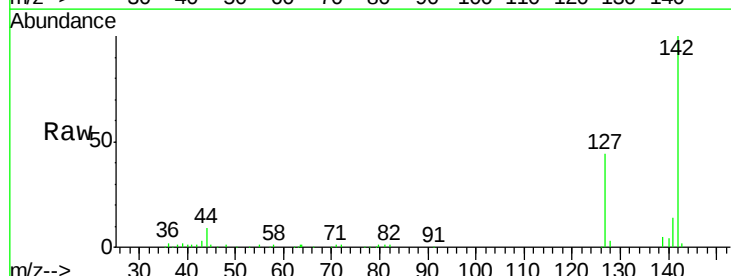
Tgt Ion:142 Resp: 38205

Ion Ratio Lower Upper

142 100

127 44.7 34.7 52.1

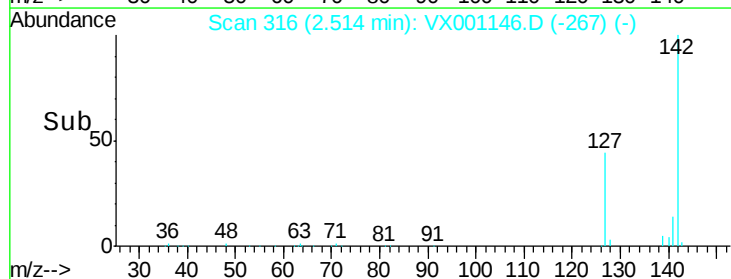
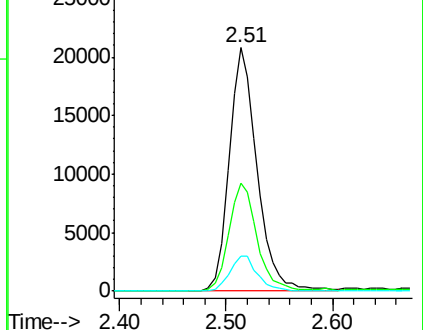
141 14.3 11.6 17.4

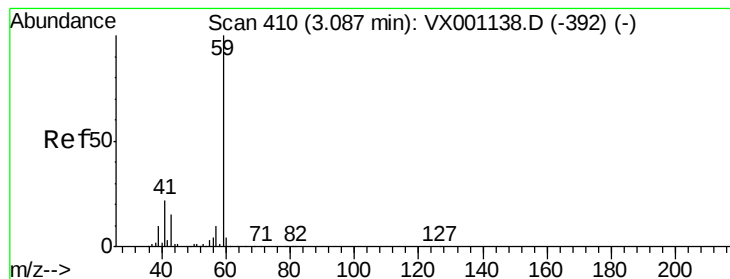


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

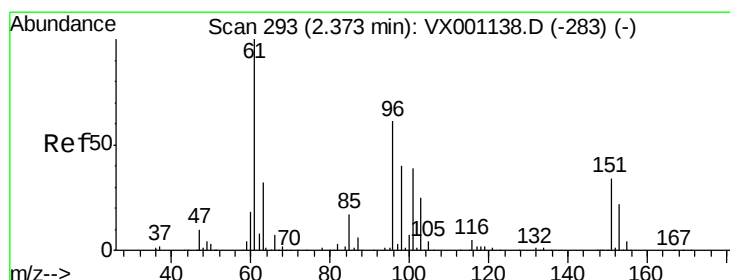
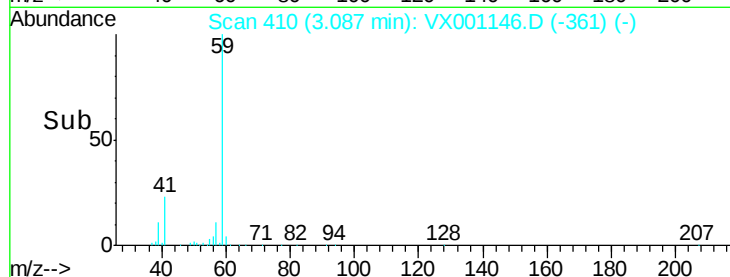
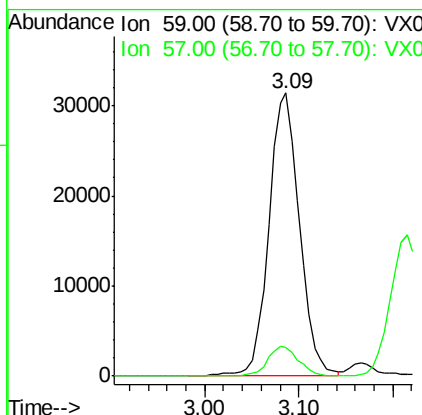
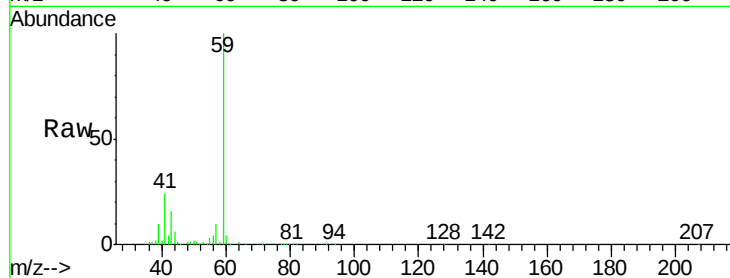
Tert butyl alcohol
Concen: 102.102 ug/l
RT: 3.09 min Scan# 410
Delta R.T. -0.00 min
Lab File: VX001146.D
Acq: 26 Apr 2018 23:54

Instrument :
MSVOA_X
ClientSampled :
VX0426WBSD02

Tot Ion	59	Resp	71385
Ion Ratio	100	Lower	Upper
57	10.6	8.2	12.4

Manual Integrations
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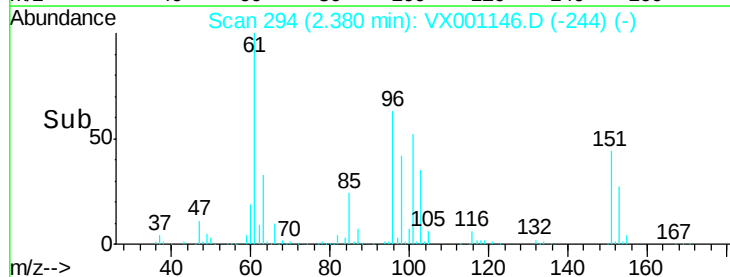
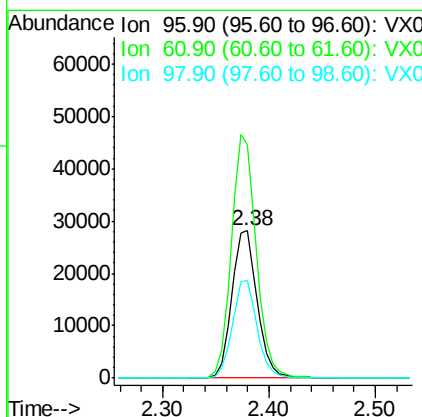
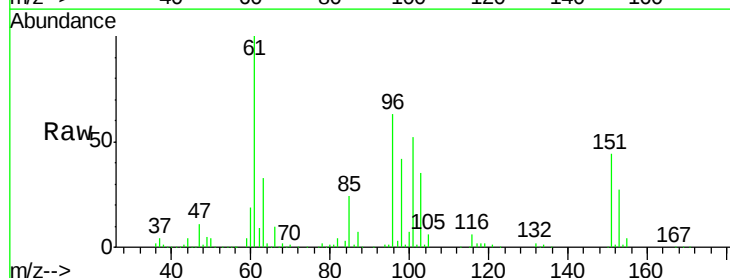
MMDadoda
4/30/2018 6:03:30 PM

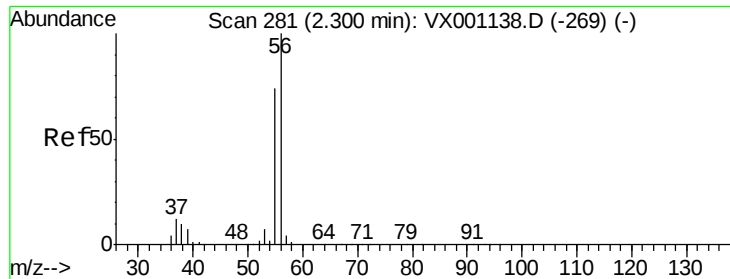


#12

1,1-Dichloroethene
Concen: 20.403 ug/l
RT: 2.38 min Scan# 294
Delta R.T. 0.01 min
Lab File: VX001146.D
Acq: 26 Apr 2018 23:54

Tgt Ion	96	Resp	47191
Ion Ratio	100	Lower	Upper
61	158.2	130.2	195.4
98	65.9	51.5	77.3





#13

Acrolein

Concen: 83.963 ug/l

RT: 2.30 min Scan# 281

Delta R.T. -0.00 min

Lab File: VX001146.D

Acq: 26 Apr 2018 23:54

Instrument :

MSVOA_X

ClientSampleId :

VX0426WBSD02

Tot Ion: 56 Resp: 22192

Ion Ratio Lower Upper

56 100

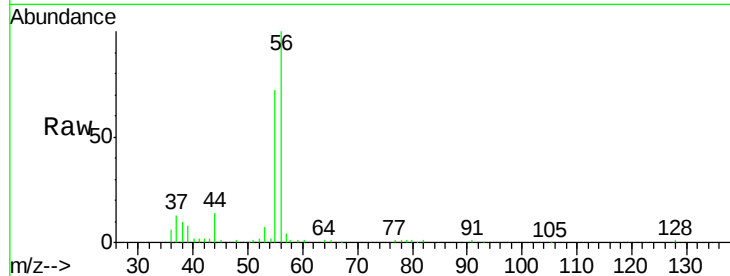
55 72.7 57.2 85.8

Manual Integrations

APPROVED

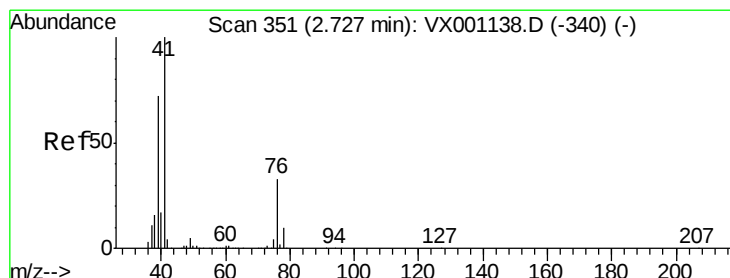
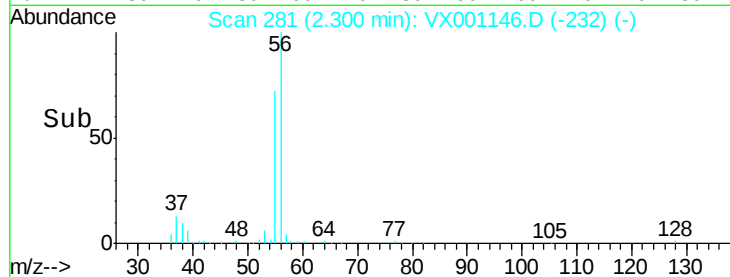
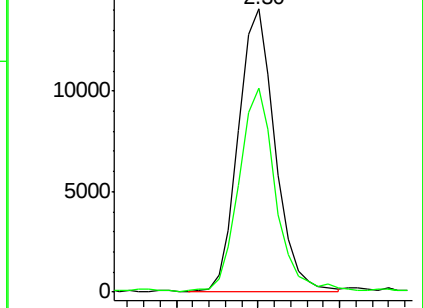
MMDadoda

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Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Allyl chloride

Concen: 20.568 ug/l

RT: 2.73 min Scan# 352

Delta R.T. 0.01 min

Lab File: VX001146.D

Acq: 26 Apr 2018 23:54

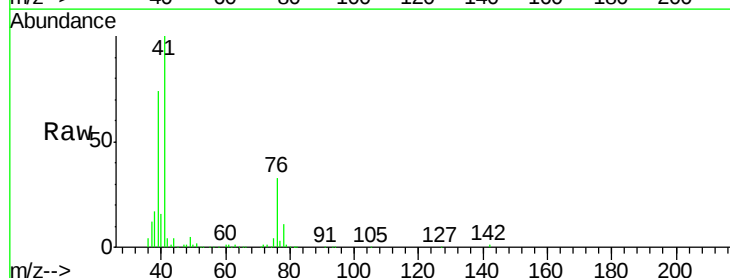
Tgt Ion: 41 Resp: 86779

Ion Ratio Lower Upper

41 100

39 69.4 55.6 83.4

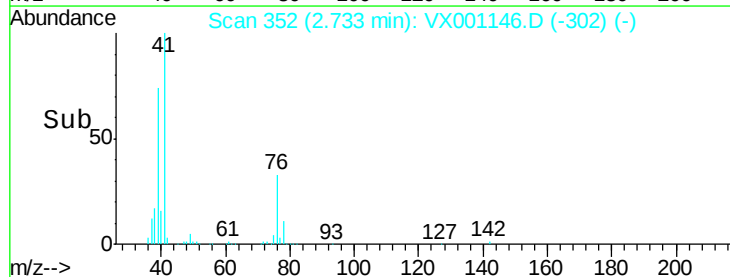
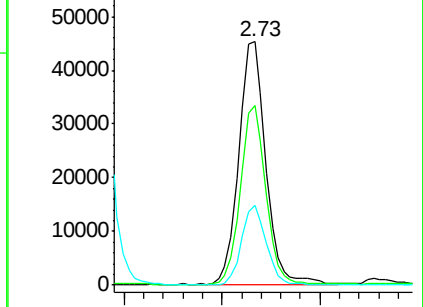
76 30.3 24.8 37.2

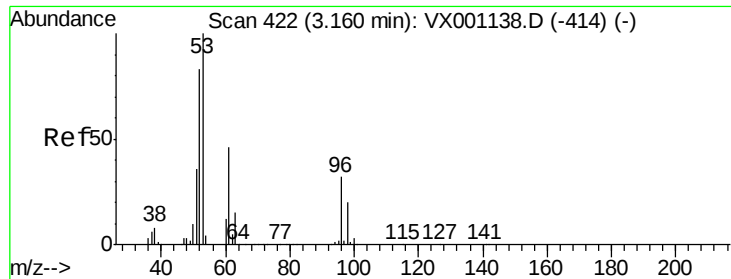


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0





#15

Acrylonitrile

Concen: 98.364 ug/l

RT: 3.15 min Scan# 421

Delta R.T. -0.01 min

Lab File: VX001146.D

Acq: 26 Apr 2018 23:54

Instrument :

MSVOA_X

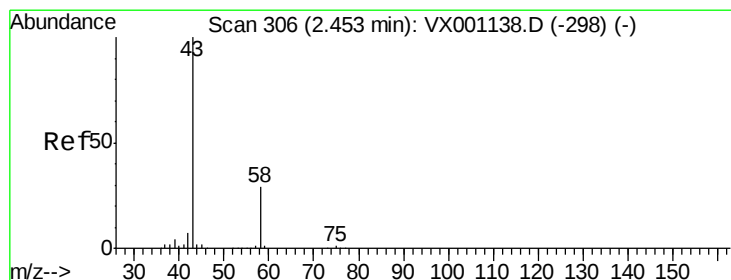
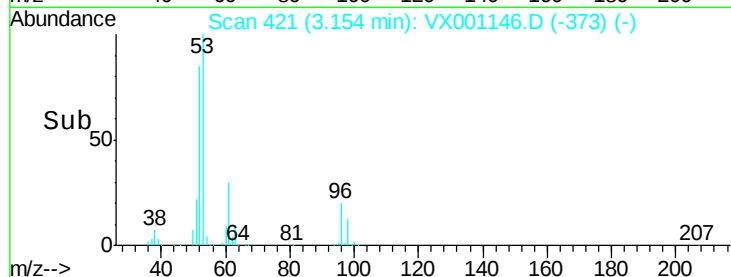
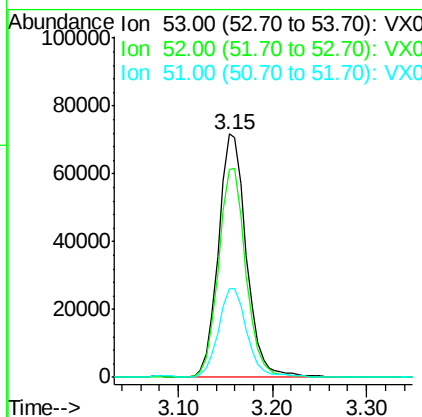
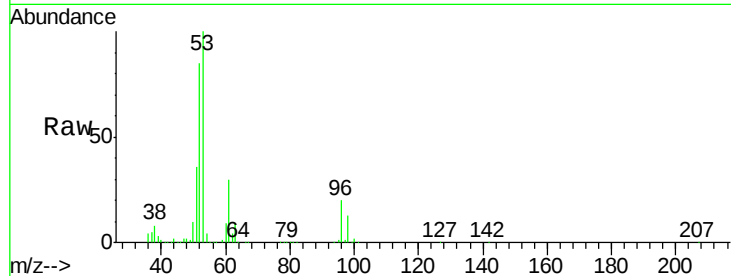
ClientSampleId :

VX0426WBSD02

Tot Ion:	53	Resp:	146857
Ion Ratio	Lower	Upper	
53	100		
52	85.0	66.5	99.7
51	37.4	29.5	44.3

Manual Integrations
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#16

Acetone

Concen: 94.134 ug/l

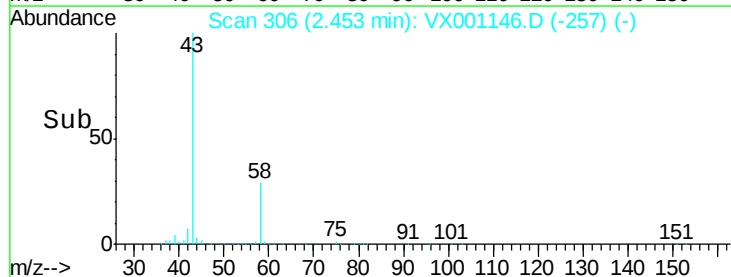
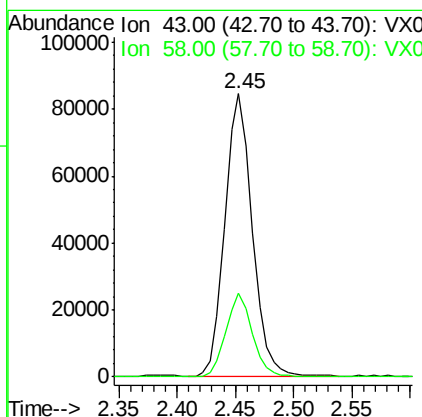
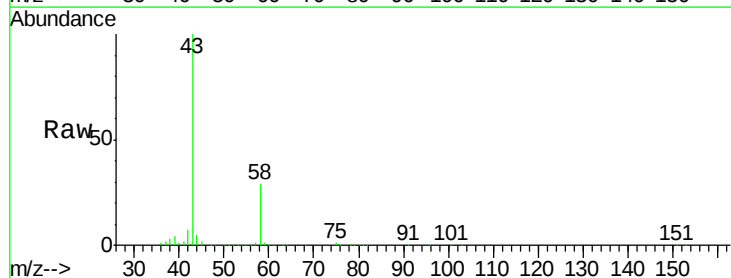
RT: 2.45 min Scan# 306

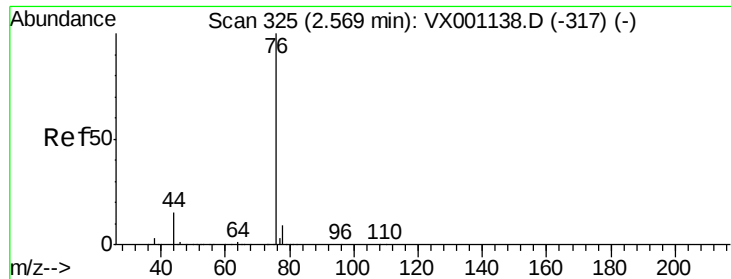
Delta R.T. -0.00 min

Lab File: VX001146.D

Acq: 26 Apr 2018 23:54

Tgt Ion:	43	Resp:	137244
Ion Ratio	Lower	Upper	
43	100		
58	29.4	23.0	34.6





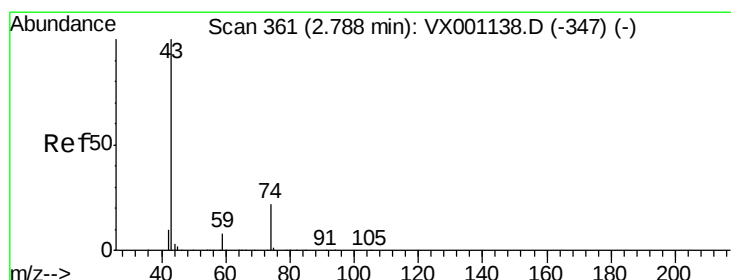
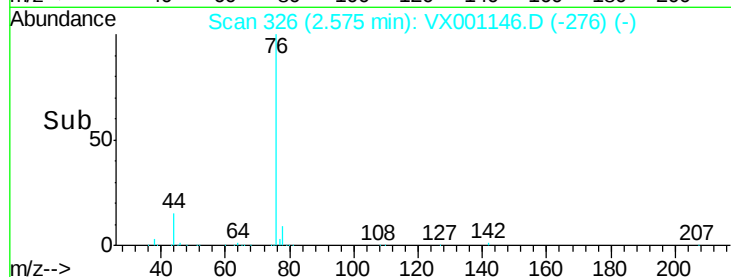
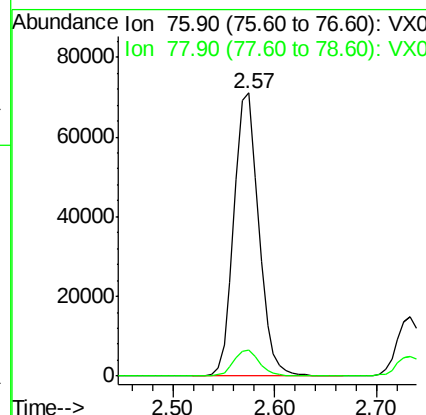
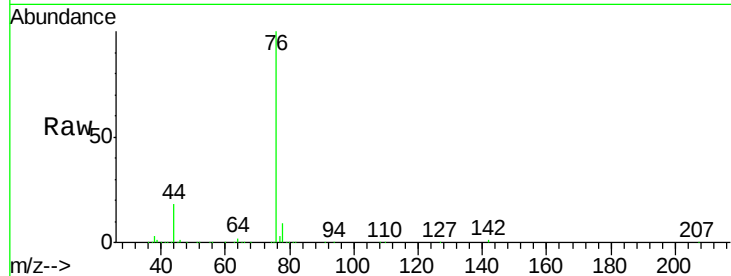
#17
Carbon Disulfide
Concen: 20.224 ug/l
RT: 2.57 min Scan# 326
Delta R.T. 0.01 min
Lab File: VX001146.D
Acq: 26 Apr 2018 23:54

Instrument :
MSVOA_X
ClientSampleId :
VX0426WBSD02

Tot Ion	Ratio	Lower	Upper
76	100		
78	8.9	7.3	10.9

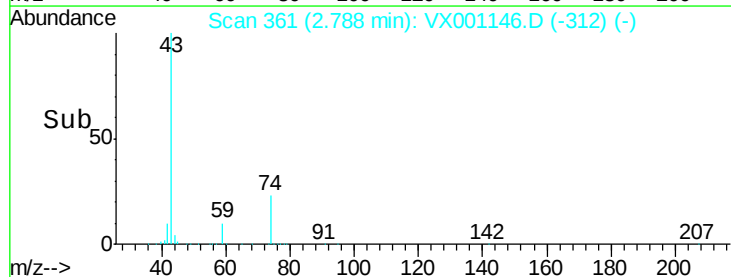
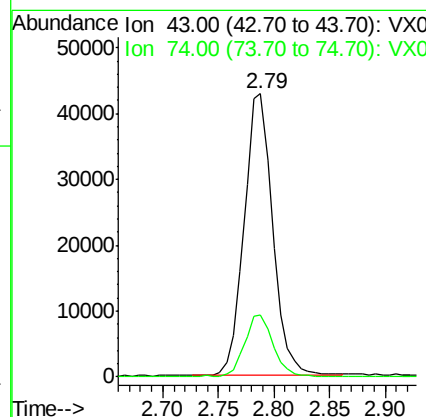
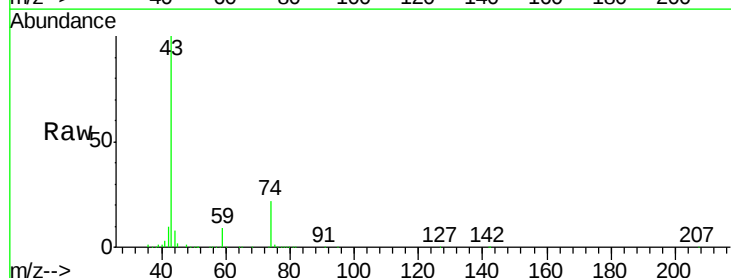
Manual Integrations
APPROVED

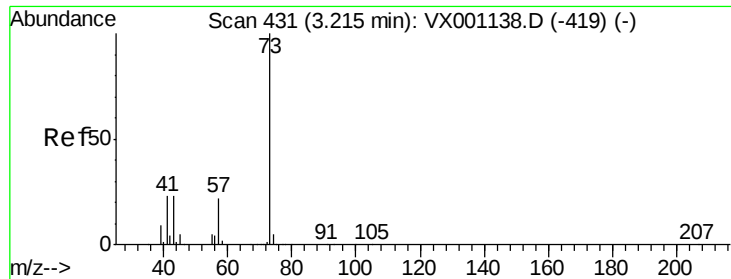
MMDadoda
4/30/2018 6:03:30 PM



#18
Methyl Acetate
Concen: 20.976 ug/l
RT: 2.79 min Scan# 361
Delta R.T. -0.00 min
Lab File: VX001146.D
Acq: 26 Apr 2018 23:54

Tgt Ion	Ratio	Lower	Upper
43	100		
74	22.0	18.1	27.1





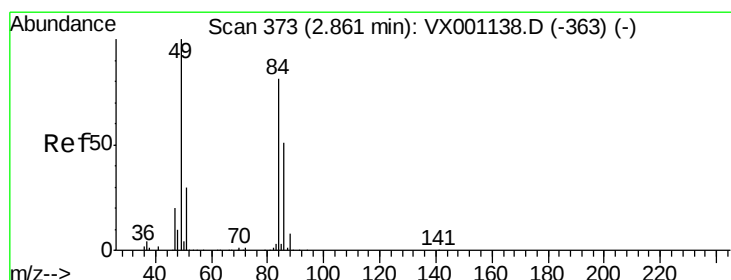
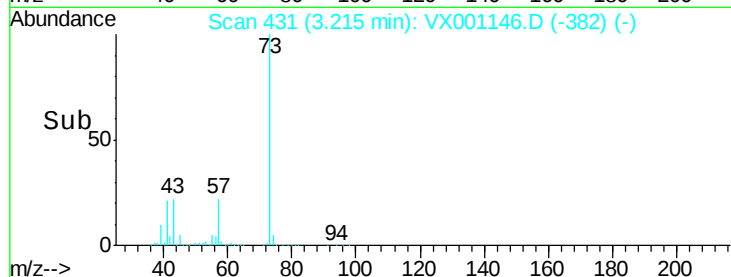
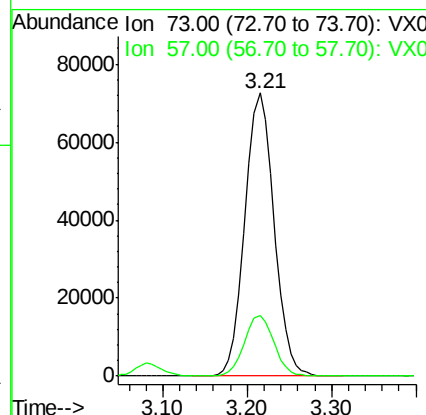
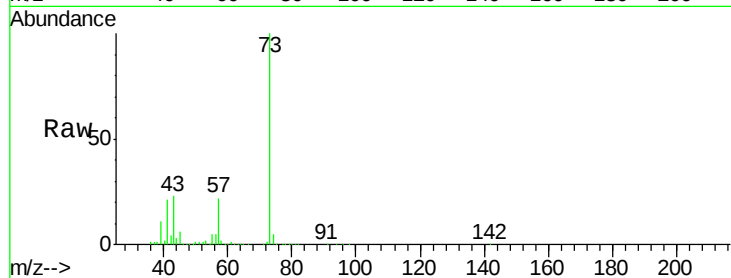
#19
Methyl tert-butyl Ether
Concen: 19.962 ug/l
RT: 3.21 min Scan# 431
Delta R.T. -0.00 min
Lab File: VX001146.D
Acq: 26 Apr 2018 23:54

Instrument :
MSVOA_X
ClientSampleId :
VX0426WBSD02

Tot Ion	Ion	Ratio	Lower	Upper
73	73	100		
57	57	21.6	17.7	26.5

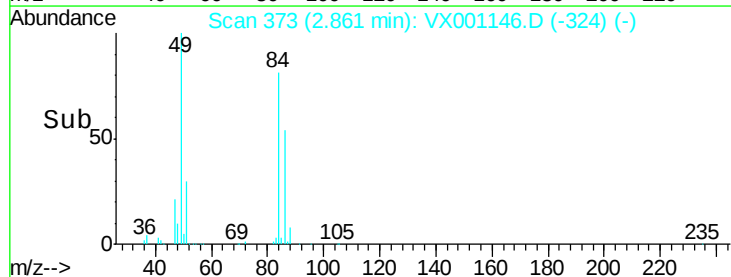
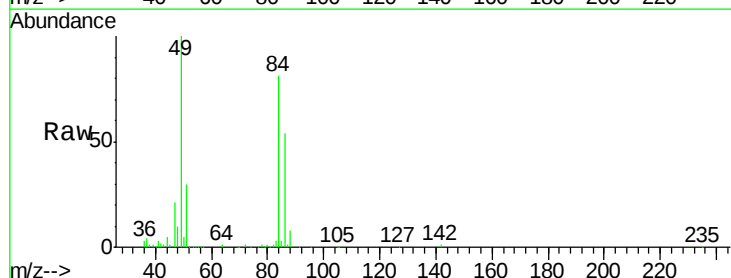
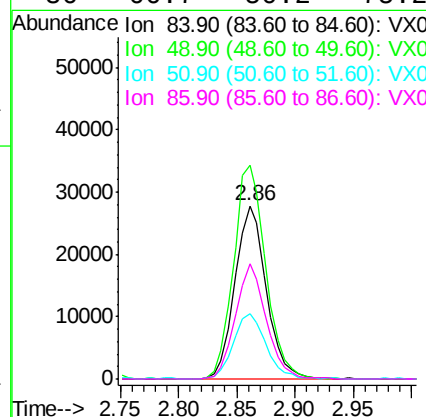
Manual Integrations
APPROVED

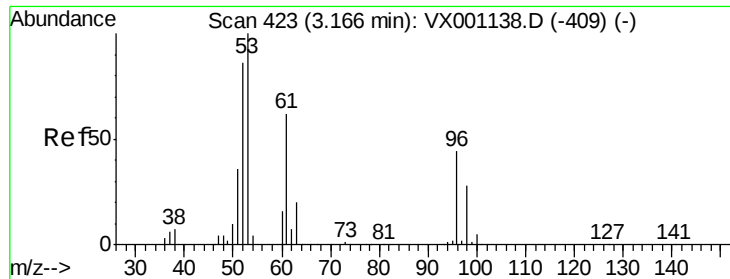
MMDadoda
4/30/2018 6:03:30 PM



#20
Methylene Chloride
Concen: 19.260 ug/l
RT: 2.86 min Scan# 373
Delta R.T. -0.00 min
Lab File: VX001146.D
Acq: 26 Apr 2018 23:54

Tgt Ion	Ion	Ratio	Lower	Upper
84	84	100		
49	49	123.5	99.2	148.8
51	51	37.3	29.5	44.3
86	86	66.7	50.2	75.2





#21

trans-1,2-Dichloroethene

Concen: 20.047 ug/l

RT: 3.17 min Scan# 423

Delta R.T. -0.00 min

Lab File: VX001146.D

Acq: 26 Apr 2018 23:54

Instrument :

MSVOA_X

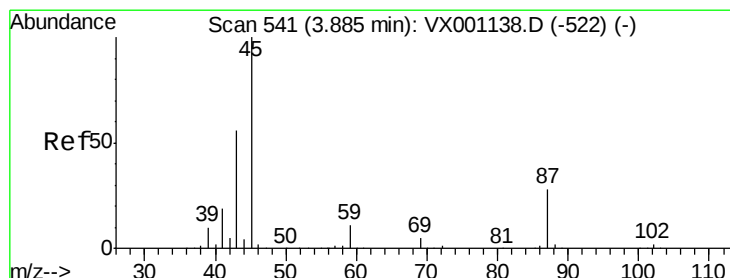
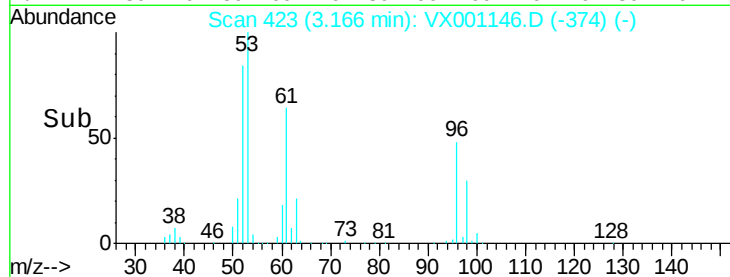
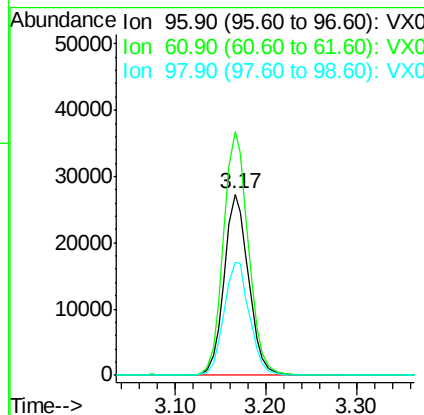
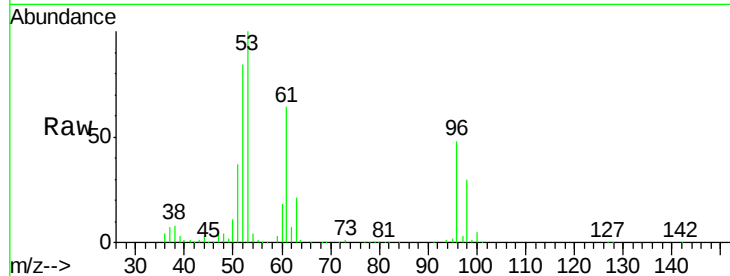
ClientSampleID :

VX0426WBSD02

Tot Ion:	96	Resp:	51254
Ion	Ratio	Lower	Upper
96	100		
61	134.4	111.9	167.9
98	62.3	51.1	76.7

Manual Integrations
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#22

Diisopropyl ether

Concen: 19.377 ug/l

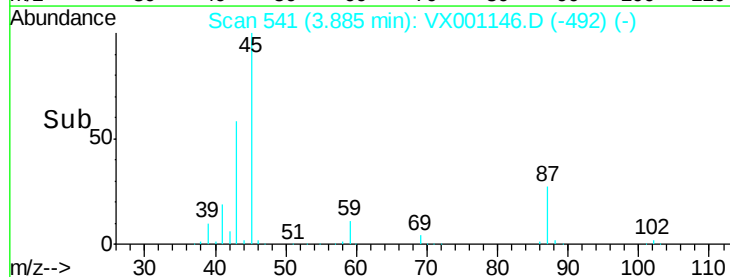
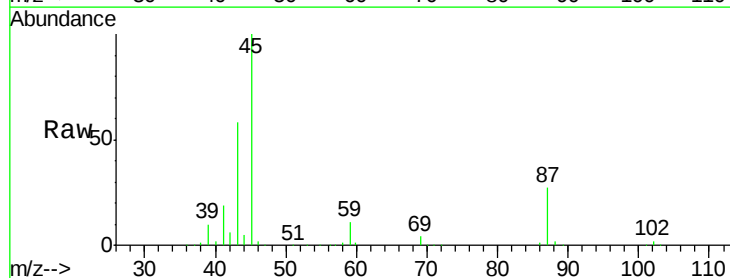
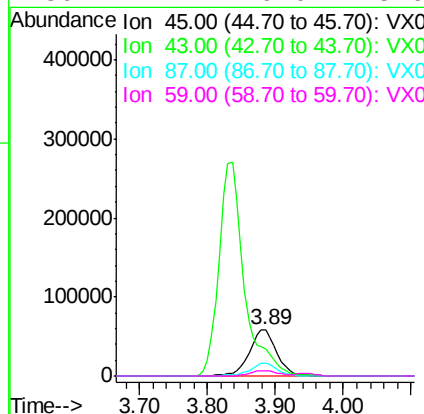
RT: 3.89 min Scan# 541

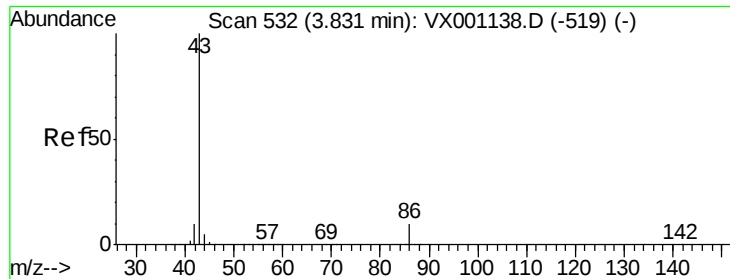
Delta R.T. -0.00 min

Lab File: VX001146.D

Acq: 26 Apr 2018 23:54

Tgt Ion:	45	Resp:	163583
Ion	Ratio	Lower	Upper
45	100		
43	57.5	45.0	67.4
87	27.0	22.8	34.2
59	11.4	9.0	13.6





#23

Vinyl Acetate

Concen: 98.453 ug/l

RT: 3.84 min Scan# 533

Delta R.T. 0.01 min

Lab File: VX001146.D

Acq: 26 Apr 2018 23:54

Instrument :

MSVOA_X

ClientSampleId :

VX0426WBSD02

Tot Ion: 43 Resp: 705101

Ion Ratio Lower Upper

43 100

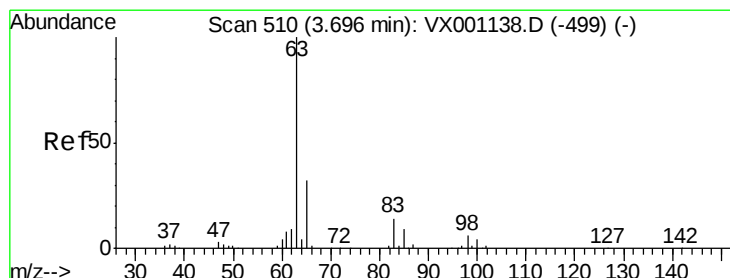
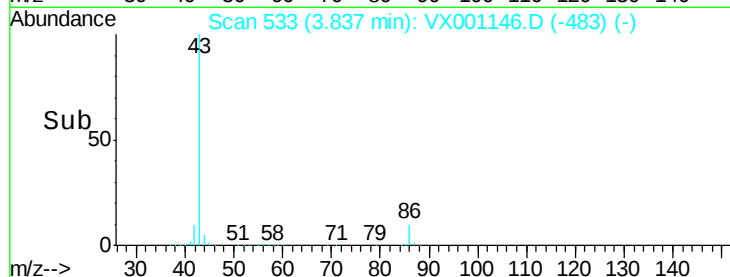
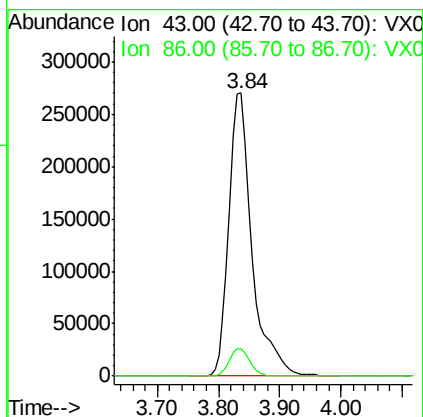
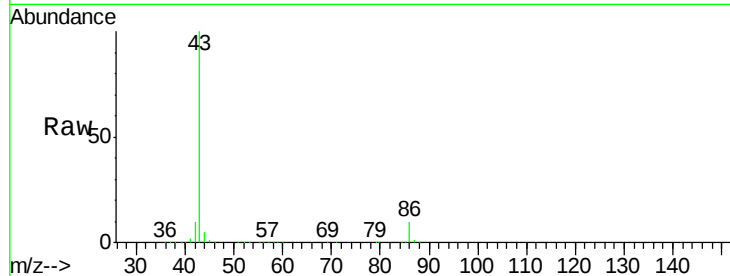
86 9.6 8.0 12.0

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 19.774 ug/l

RT: 3.70 min Scan# 511

Delta R.T. 0.01 min

Lab File: VX001146.D

Acq: 26 Apr 2018 23:54

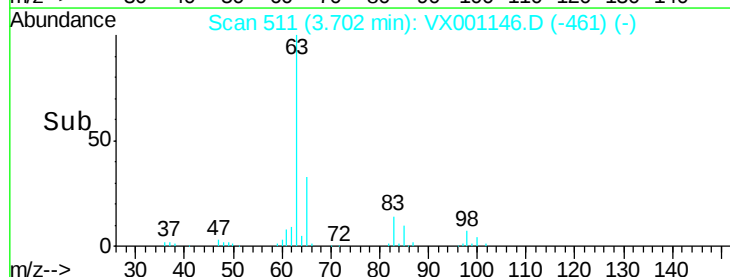
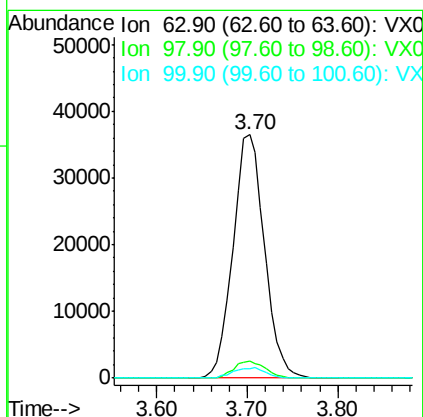
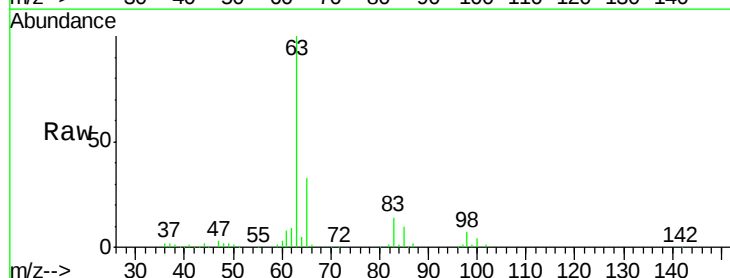
Tgt Ion: 63 Resp: 87733

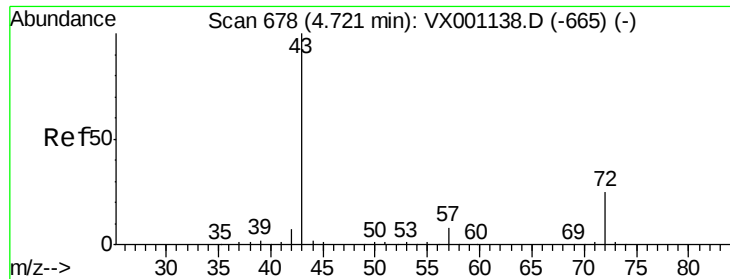
Ion Ratio Lower Upper

63 100

98 6.9 3.1 9.4

100 3.8 2.1 6.5





#25

2-Butanone

Concen: 96.284 ug/l

RT: 4.72 min Scan# 678

Delta R.T. -0.00 min

Lab File: VX001146.D

Acq: 26 Apr 2018 23:54

Tot Ion: 43 Resp: 210042

Ion Ratio Lower Upper

43 100

72 24.5 20.0 30.0

Instrument :

MSVOA_X

ClientSampleId :

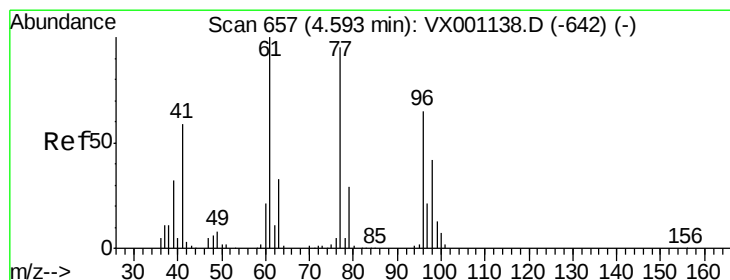
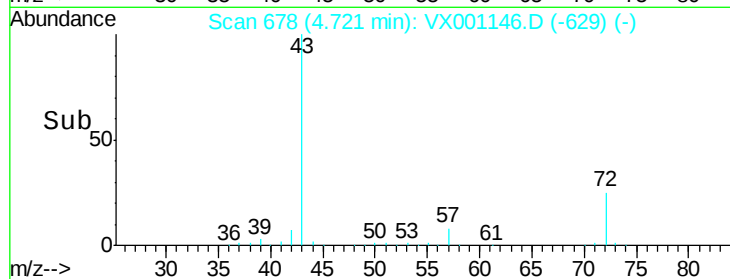
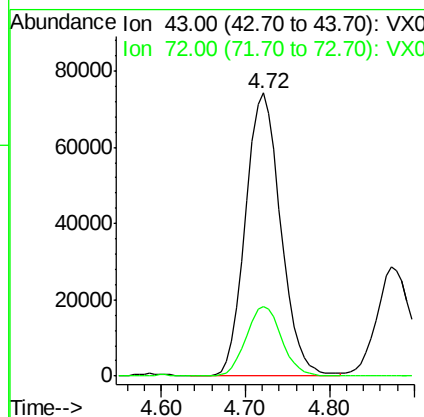
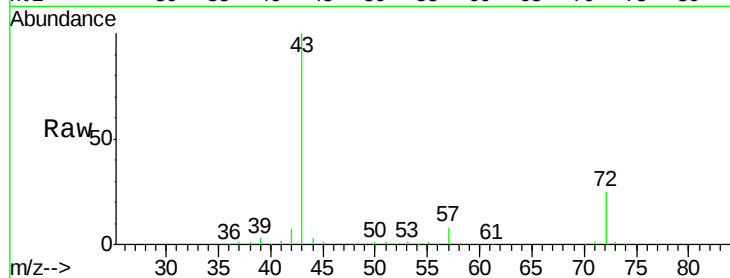
VX0426WBSD02

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#26

2,2-Dichloropropane

Concen: 17.223 ug/l

RT: 4.59 min Scan# 657

Delta R.T. -0.00 min

Lab File: VX001146.D

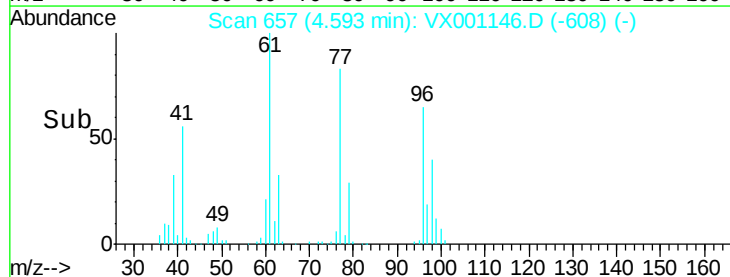
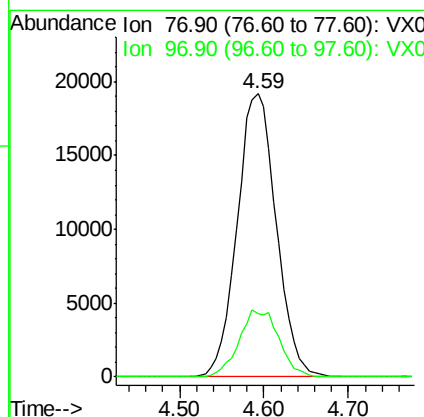
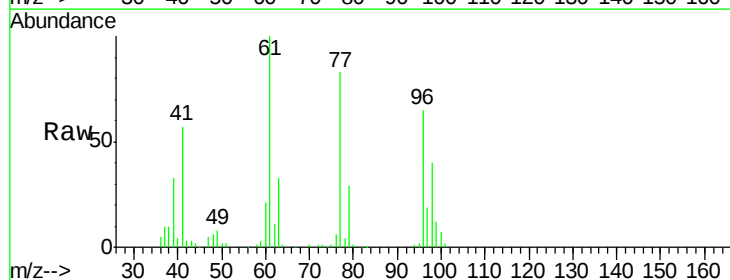
Acq: 26 Apr 2018 23:54

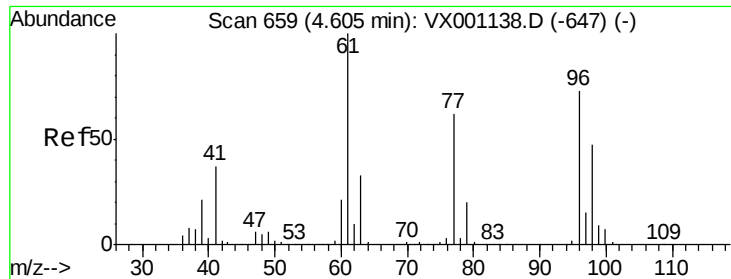
Tgt Ion: 77 Resp: 60150

Ion Ratio Lower Upper

77 100

97 24.2 11.4 34.2





#27

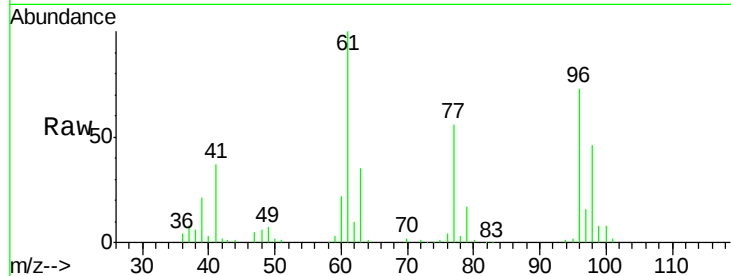
cis-1,2-Dichloroethene
Concen: 19.815 ug/l
RT: 4.60 min Scan# 659
Delta R.T. -0.00 min
Lab File: VX001146.D
Acq: 26 Apr 2018 23:54

Instrument :
MSVOA_X
ClientSampleId :
VX0426WBSD02

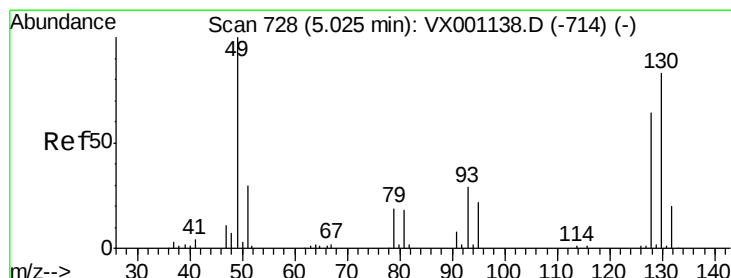
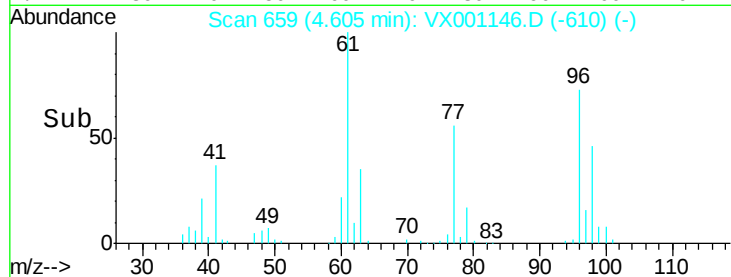
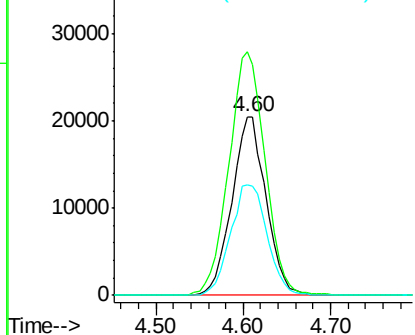
Tot Ion	Ratio	Resp	Lower	Upper
96	100	55471		
61	144.9	0.0	289.0	
98	66.5	0.0	128.2	

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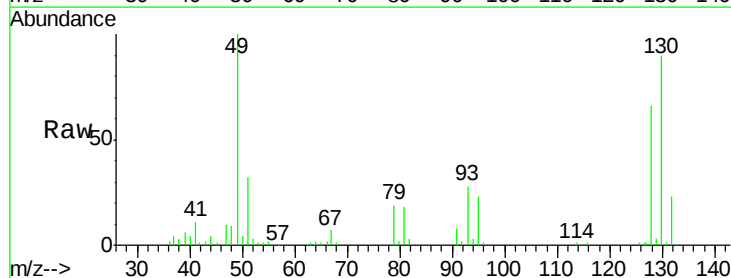
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



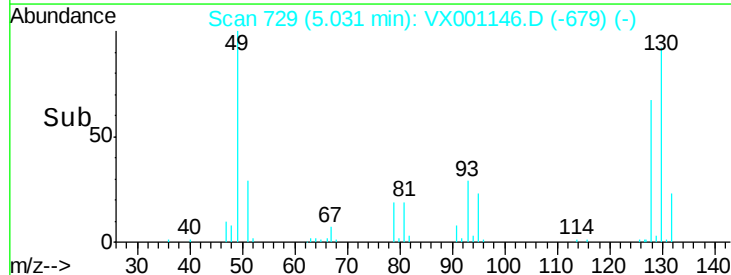
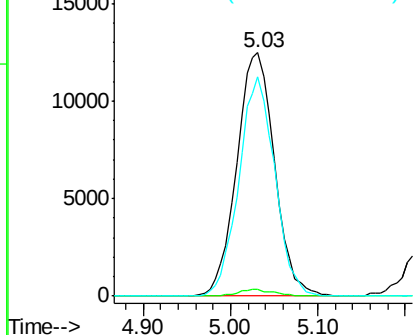
#28

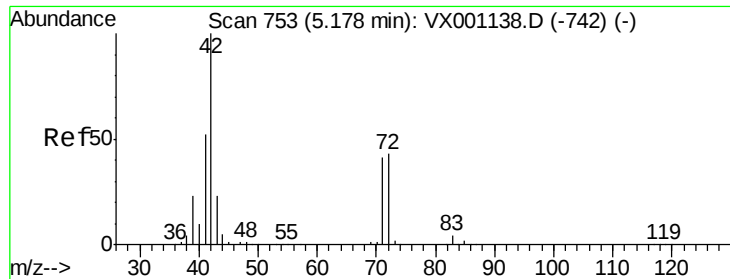
Bromochloromethane
Concen: 18.858 ug/l
RT: 5.03 min Scan# 729
Delta R.T. 0.01 min
Lab File: VX001146.D
Acq: 26 Apr 2018 23:54

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	37515		
129	2.5	0.0	4.6	
130	85.6	68.2	102.2	



Abundance Ion 48.90 (48.60 to 49.60): VX0
Ion 128.80 (128.50 to 129.50): V
Ion 129.80 (129.50 to 130.50): V





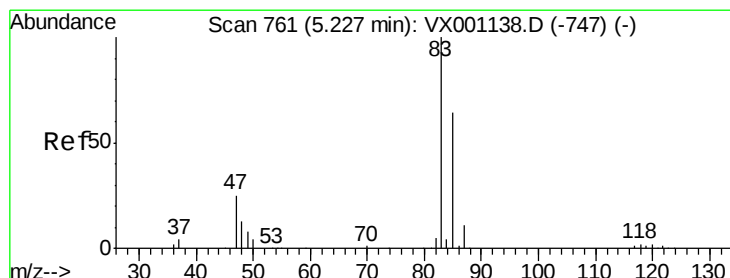
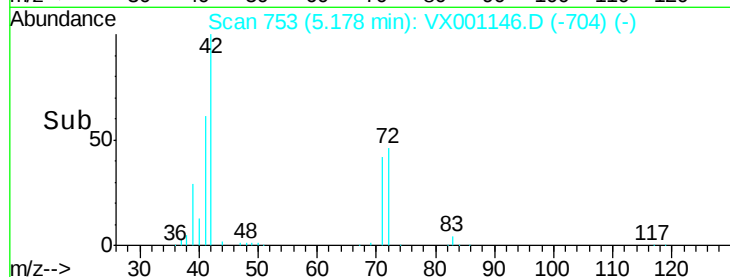
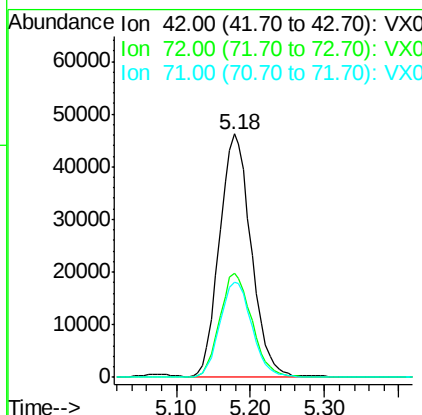
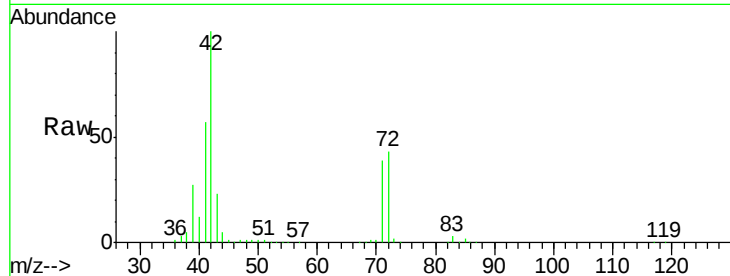
#29
Tetrahydrofuran
Concen: 97.347 ug/l
RT: 5.18 min Scan# 753
Delta R.T. -0.00 min
Lab File: VX001146.D
Acq: 26 Apr 2018 23:54

Instrument :
MSVOA_X
ClientSampleId :
VX0426WBSD02

Tot Ion	Ratio	Lower	Upper
42	100		
72	43.6	34.4	51.6
71	39.8	32.1	48.1

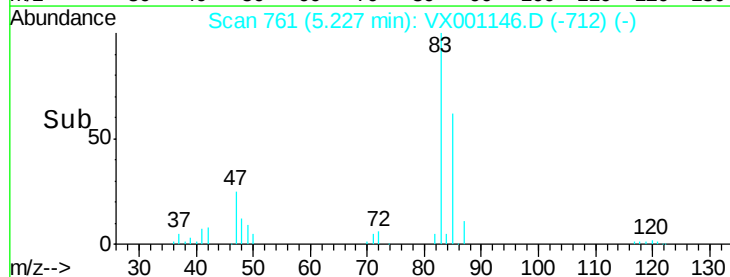
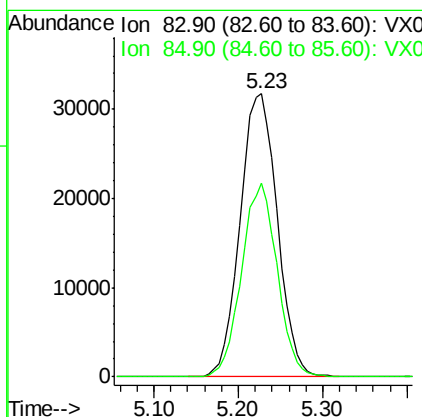
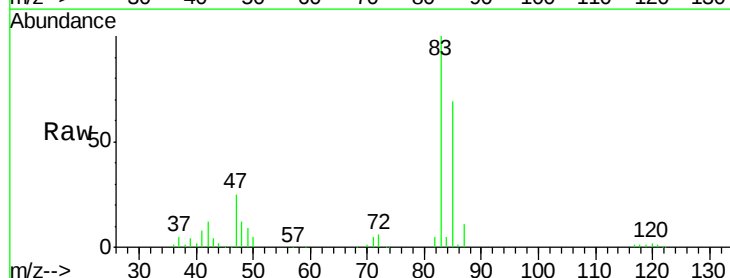
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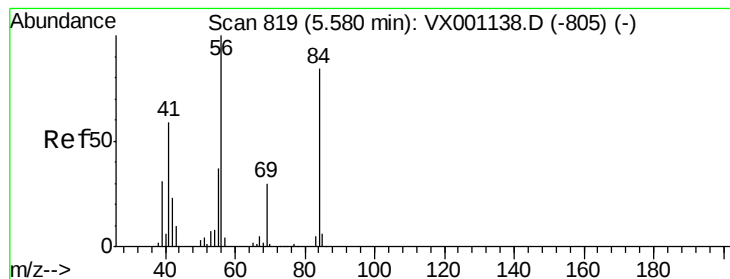
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#30
Chloroform
Concen: 20.153 ug/l
RT: 5.23 min Scan# 761
Delta R.T. -0.00 min
Lab File: VX001146.D
Acq: 26 Apr 2018 23:54

Tgt Ion	Ratio	Lower	Upper
83	100		
85	68.6	51.4	77.0





#31

Cyclohexane

Concen: 20.807 ug/l

RT: 5.58 min Scan# 819

Delta R.T. -0.00 min

Lab File: VX001146.D

Acq: 26 Apr 2018 23:54

Instrument :

MSVOA_X

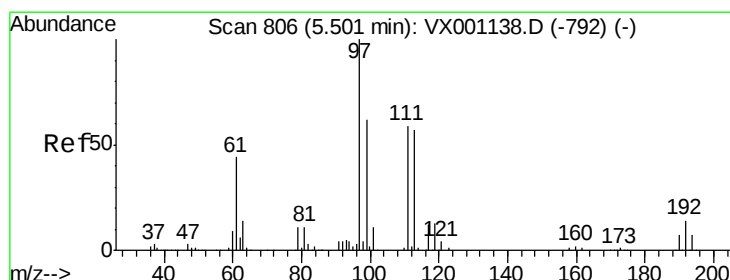
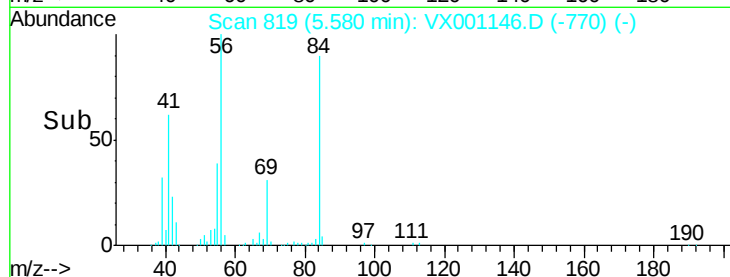
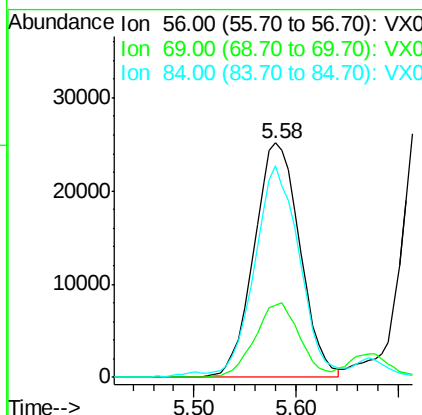
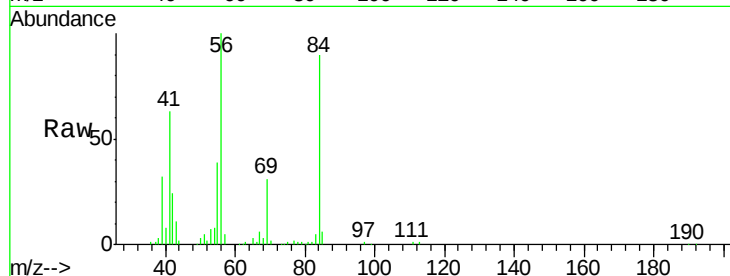
ClientSampleId :

VX0426WBSD02

Tot Ion:	56	Resp:	78433
Ion	Ratio	Lower	Upper
56	100		
69	30.9	24.2	36.2
84	88.4	67.5	101.3

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#32

1,1,1-Trichloroethane

Concen: 20.584 ug/l

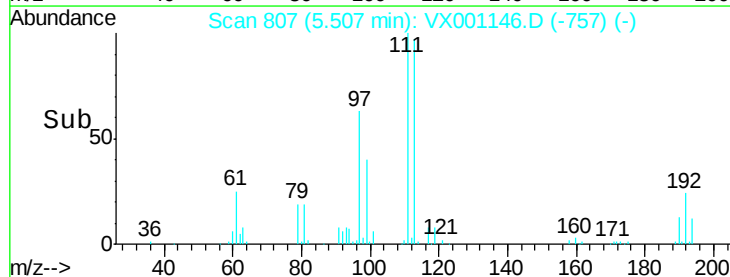
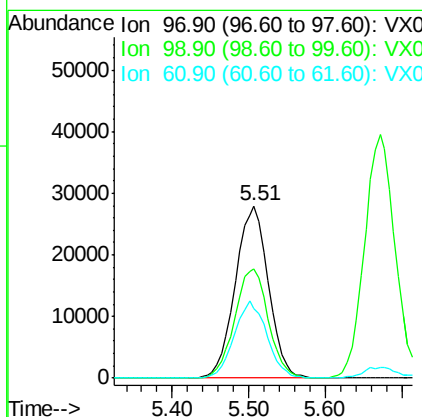
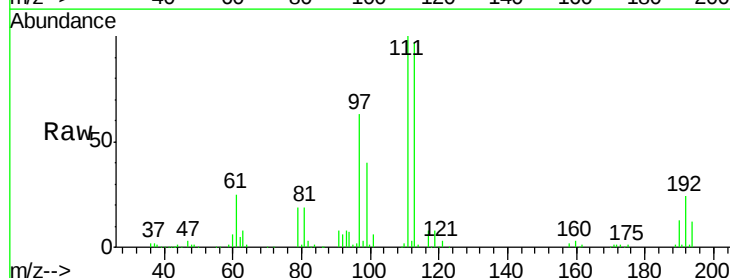
RT: 5.51 min Scan# 807

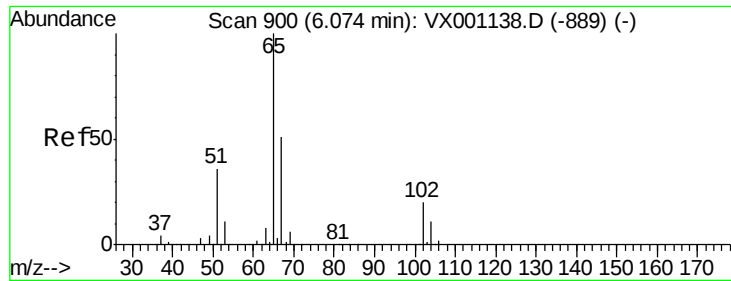
Delta R.T. 0.01 min

Lab File: VX001146.D

Acq: 26 Apr 2018 23:54

Tgt Ion:	97	Resp:	83837
Ion	Ratio	Lower	Upper
97	100		
99	64.5	50.9	76.3
61	44.3	35.0	52.6





#33

1,2-Dichloroethane-d4

Concen: 45.263 ug/l

RT: 6.07 min Scan# 900

Delta R.T. -0.00 min

Lab File: VX001146.D

Acq: 26 Apr 2018 23:54

Instrument :

MSVOA_X

ClientSampleId :

VX0426WBSD02

Tot Ion: 65 Resp: 160474

Ion Ratio Lower Upper

65 100

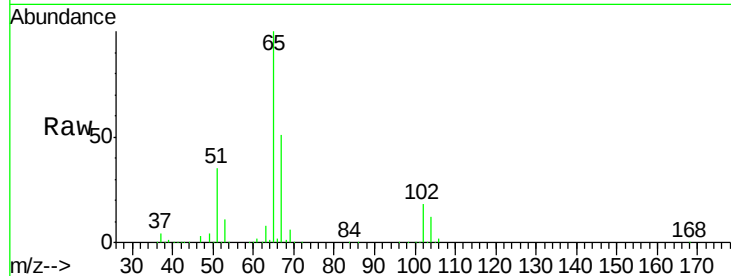
67 51.0 0.0 102.2

Manual Integrations

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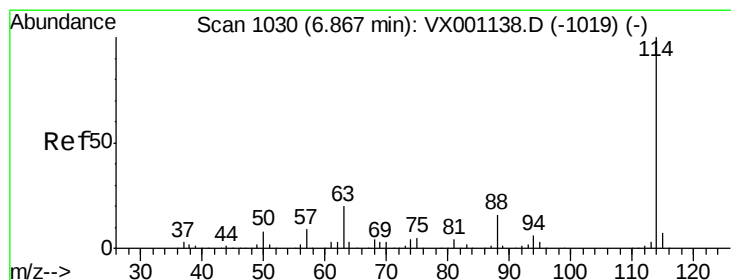
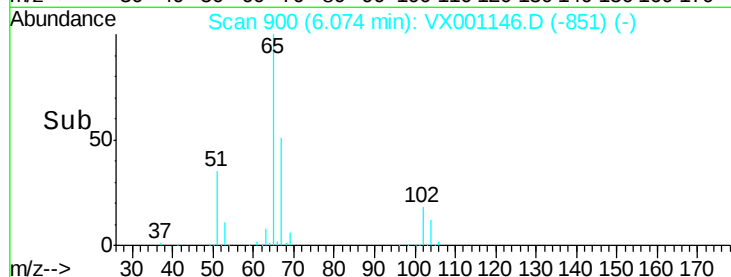
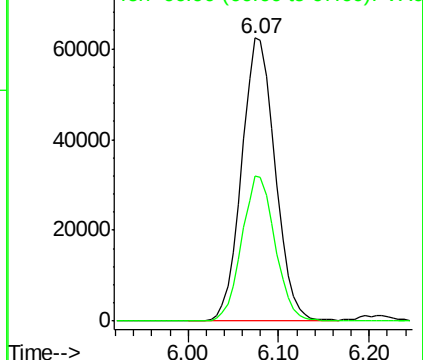
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Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.87 min Scan# 1030

Delta R.T. -0.00 min

Lab File: VX001146.D

Acq: 26 Apr 2018 23:54

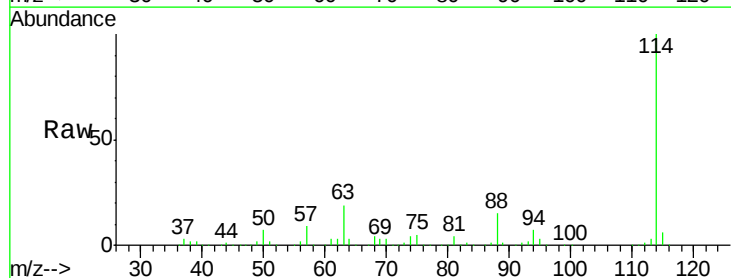
Tgt Ion: 114 Resp: 316841

Ion Ratio Lower Upper

114 100

63 19.5 0.0 40.4

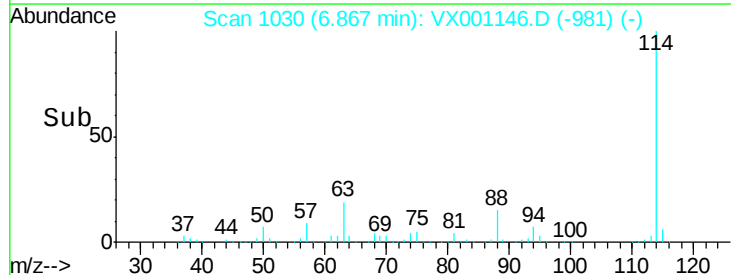
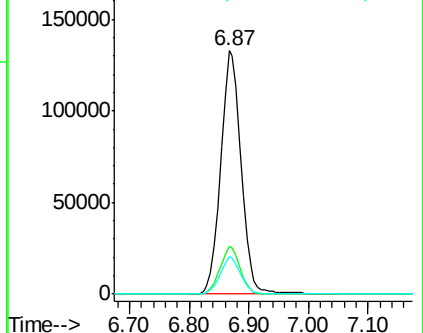
88 15.4 0.0 31.8

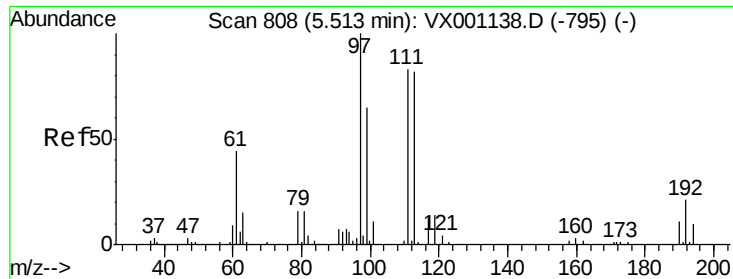


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





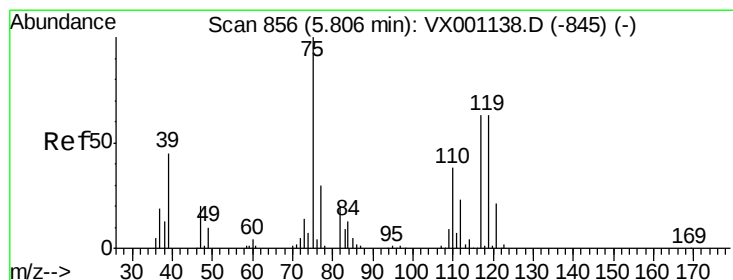
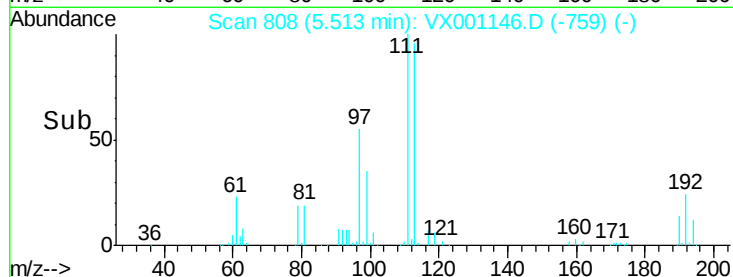
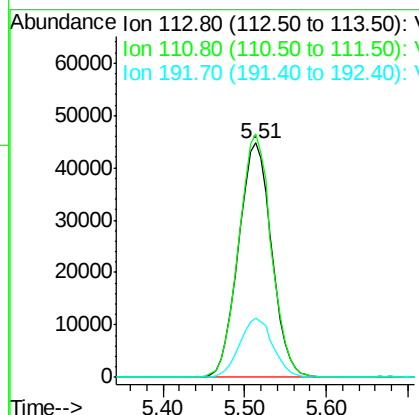
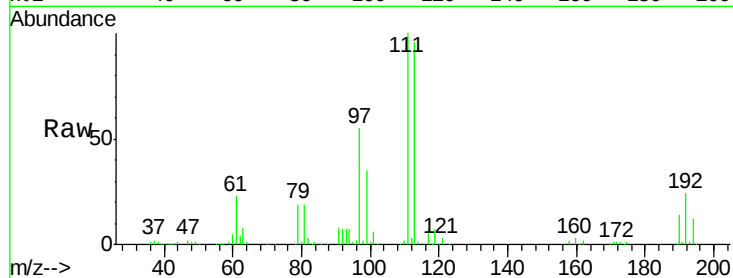
#35
 Dibromofluoromethane
 Concen: 48.196 ug/l
 RT: 5.51 min Scan# 808
 Delta R.T. -0.00 min
 Lab File: VX001146.D
 Acq: 26 Apr 2018 23:54

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0426WBSD02

Tot Ion	Ratio	Resp	Lower	Upper
113	100	126393		
111	102.4	82.2	123.4	
192	25.2	20.6	30.8	

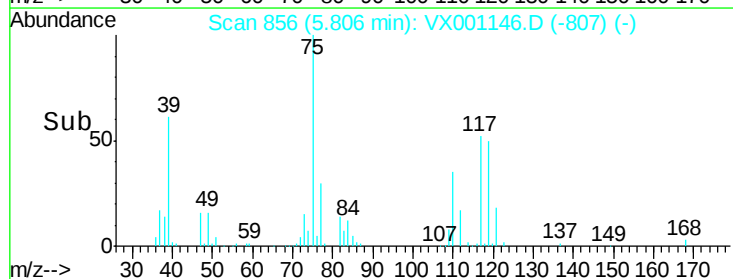
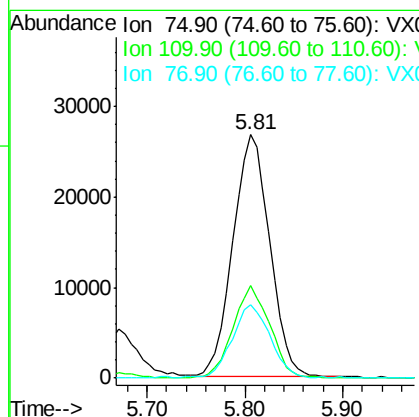
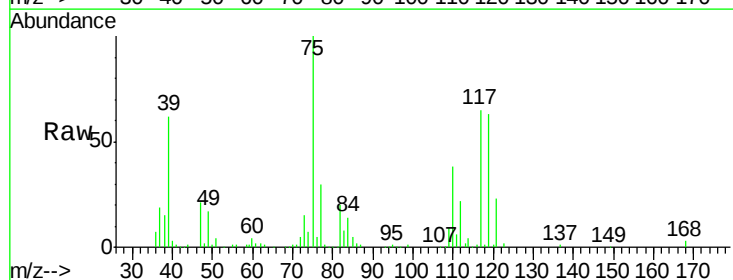
Manual Integrations
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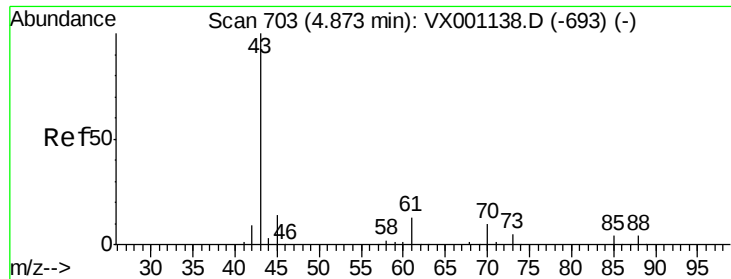
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#36
 1,1-Dichloropropene
 Concen: 20.033 ug/l
 RT: 5.81 min Scan# 856
 Delta R.T. -0.00 min
 Lab File: VX001146.D
 Acq: 26 Apr 2018 23:54

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	69946		
110	38.4	19.0	57.0	
77	31.4	24.8	37.2	





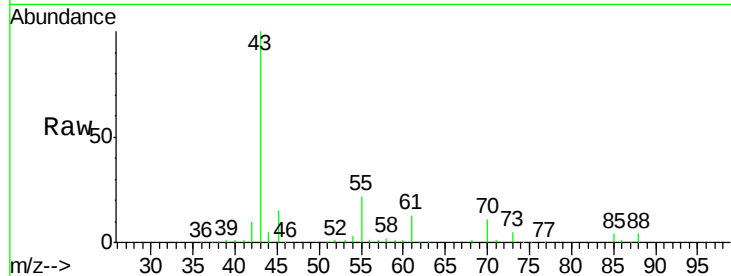
#37
Ethyl Acetate
Concen: 19.608 ug/l
RT: 4.87 min Scan# 703
Delta R.T. -0.00 min
Lab File: VX001146.D
Acq: 26 Apr 2018 23:54

Instrument :
MSVOA_X
ClientSampleId :
VX0426WBSD02

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.2	11.0	16.6
70	10.3	8.2	12.2

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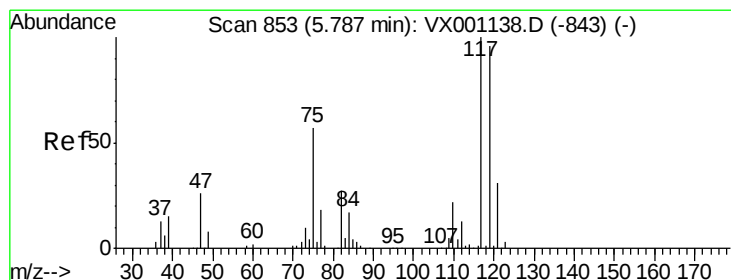
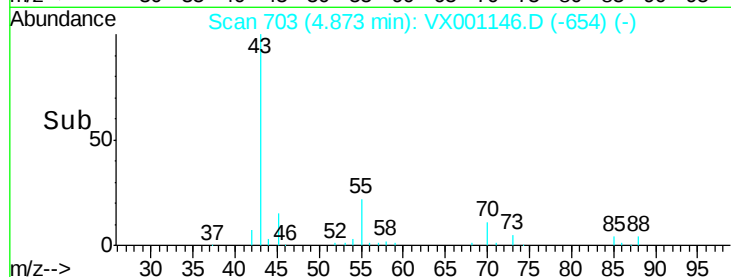
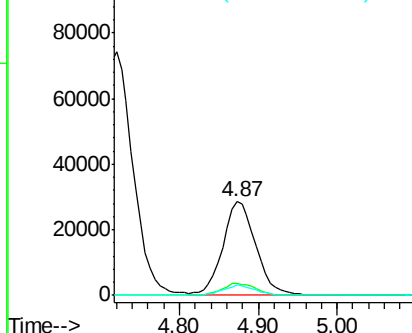


Abundance

Ion 43.00 (42.70 to 43.70): VX0

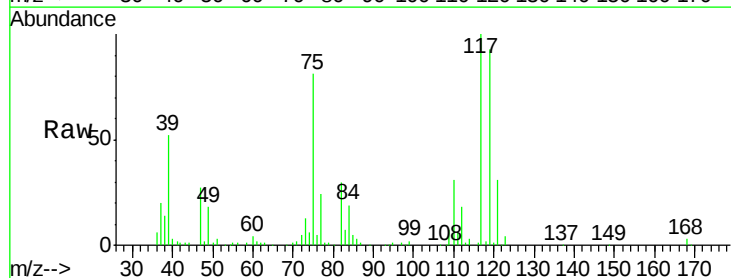
Ion 60.90 (60.60 to 61.60): VX0

Ion 70.00 (69.70 to 70.70): VX0



#38
Carbon Tetrachloride
Concen: 20.293 ug/l
RT: 5.79 min Scan# 854
Delta R.T. 0.01 min
Lab File: VX001146.D
Acq: 26 Apr 2018 23:54

Tgt Ion	Ratio	Lower	Upper
117	100		
119	93.1	76.5	114.7
121	30.7	24.6	37.0

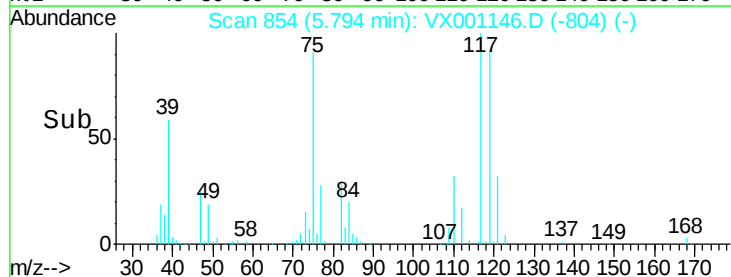
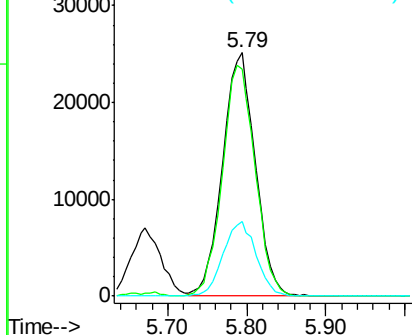


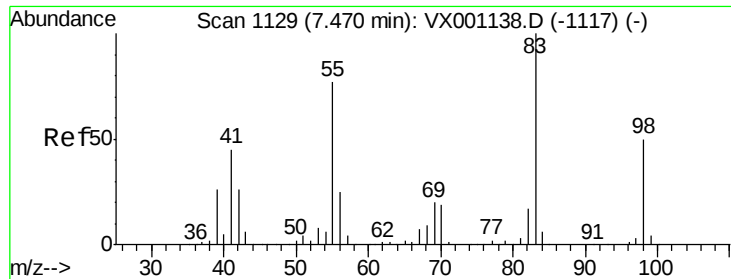
Abundance

Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V





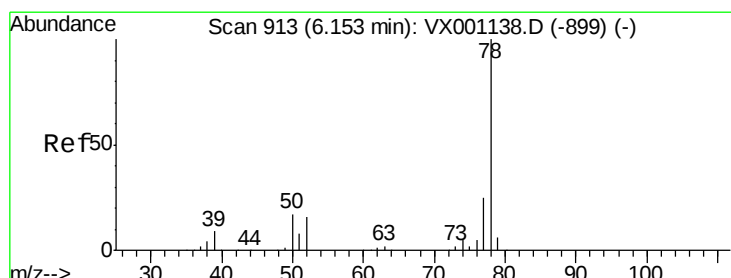
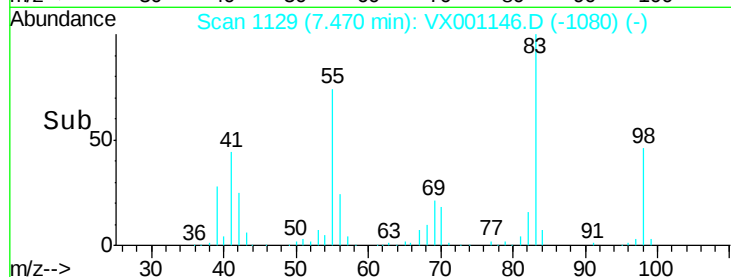
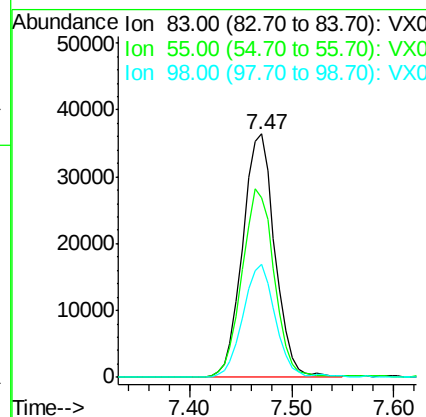
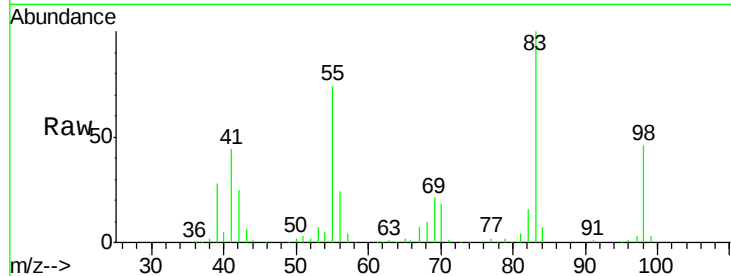
#39
Methvlcvclohexane
Concen: 20.761 ug/l
RT: 7.47 min Scan# 1129
Delta R.T. -0.00 min
Lab File: VX001146.D
Acq: 26 Apr 2018 23:54

Instrument :
MSVOA_X
ClientSampleId :
VX0426WBSD02

Tot Ion	Ratio	Lower	Upper
83	100		
55	73.7	61.8	92.6
98	46.3	40.0	60.0

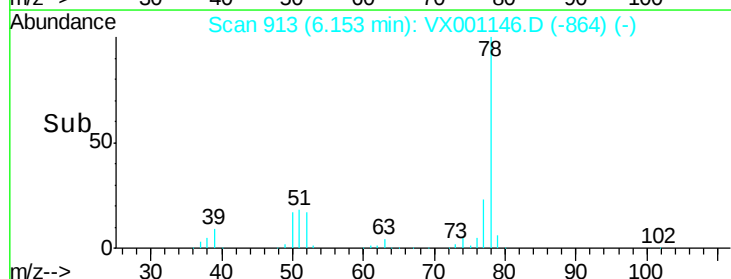
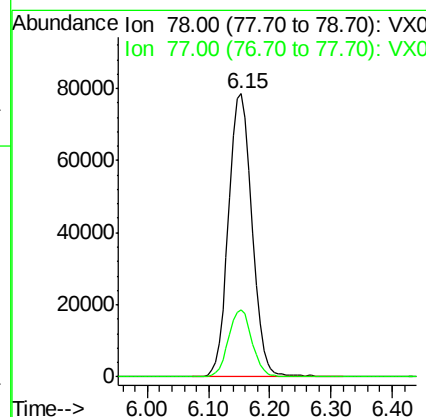
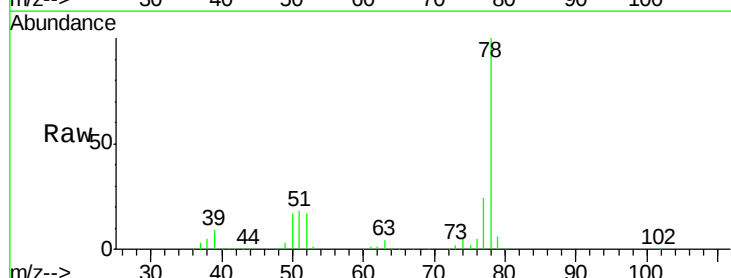
Manual Integrations
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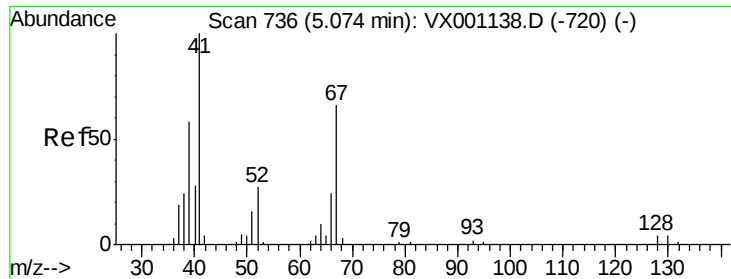
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#40
Benzene
Concen: 20.672 ug/l
RT: 6.15 min Scan# 913
Delta R.T. -0.00 min
Lab File: VX001146.D
Acq: 26 Apr 2018 23:54

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.6	19.7	29.5





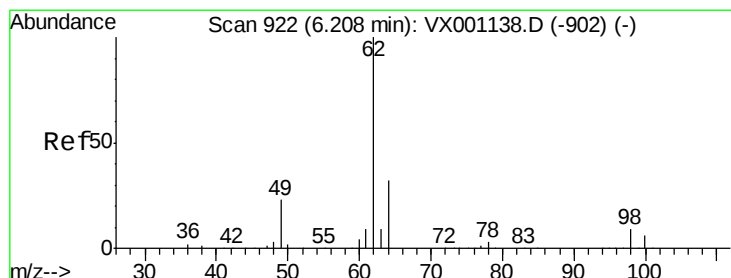
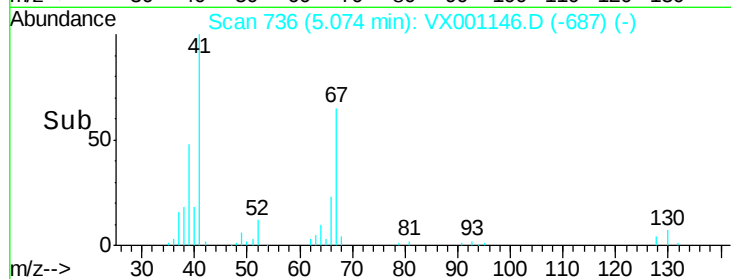
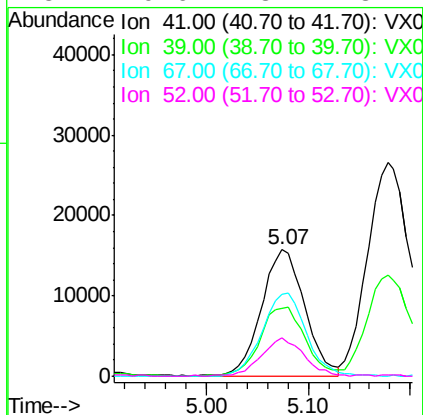
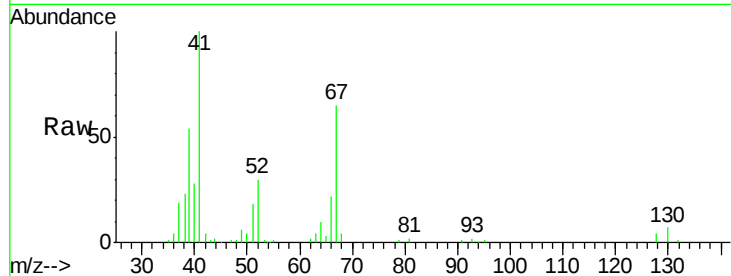
#41
Methacrylonitrile
Concen: 19.784 ug/l
RT: 5.07 min Scan# 736
Delta R.T. -0.00 min
Lab File: VX001146.D
Acq: 26 Apr 2018 23:54

Instrument :
MSVOA_X
ClientSampleId :
VX0426WBSD02

Tot Ion	41	Resp	46481
Ion Ratio	Lower	Upper	
41	100		
39	57.3	45.9	68.9
67	66.8	53.2	79.8
52	29.6	23.1	34.7

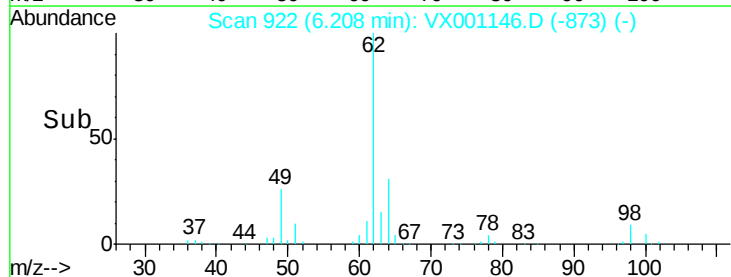
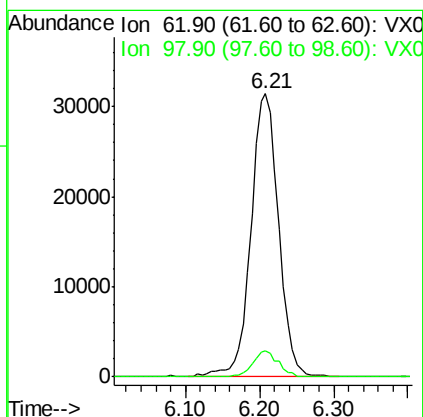
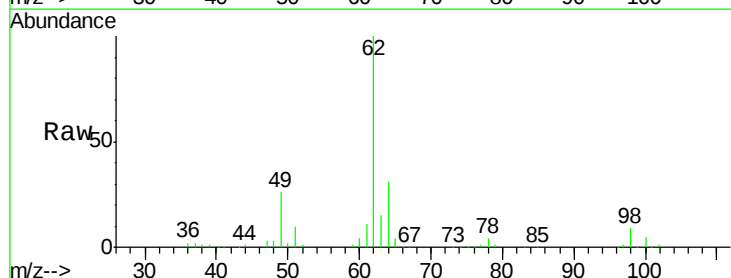
Manual Integrations
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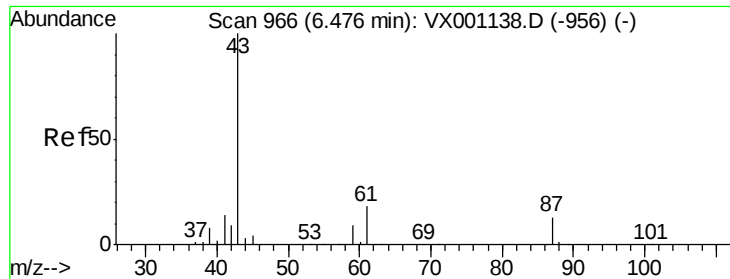
MMDadoda
4/30/2018 6:03:30 PM



#42
1,2-Dichloroethane
Concen: 20.140 ug/l
RT: 6.21 min Scan# 922
Delta R.T. -0.00 min
Lab File: VX001146.D
Acq: 26 Apr 2018 23:54

Tgt Ion	62	Resp	81970
Ion Ratio	Lower	Upper	
62	100		
98	8.5	0.0	17.0





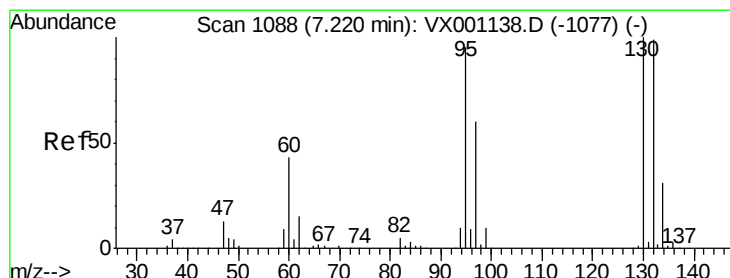
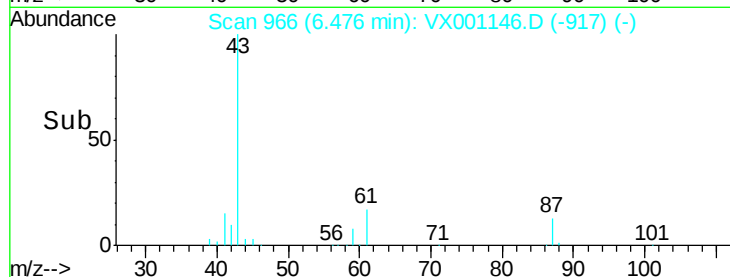
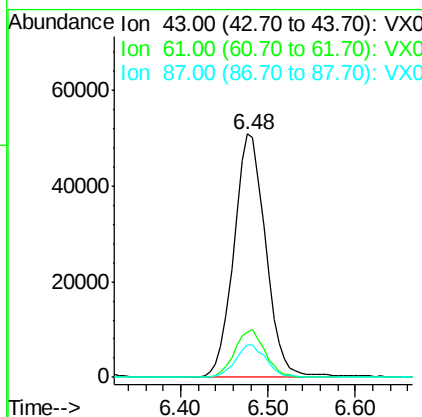
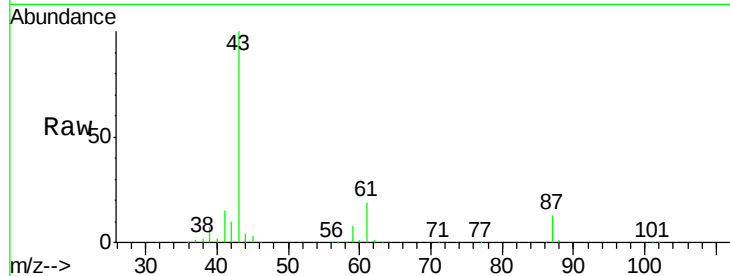
#43
Isopropyl Acetate
Concen: 19.563 ug/l
RT: 6.48 min Scan# 966
Delta R.T. -0.00 min
Lab File: VX001146.D
Acq: 26 Apr 2018 23:54

Instrument :
MSVOA_X
ClientSampleId :
VX0426WBSD02

Tot Ion	Ratio	Lower	Upper
43	100		
61	18.7	15.0	22.6
87	13.0	10.3	15.5

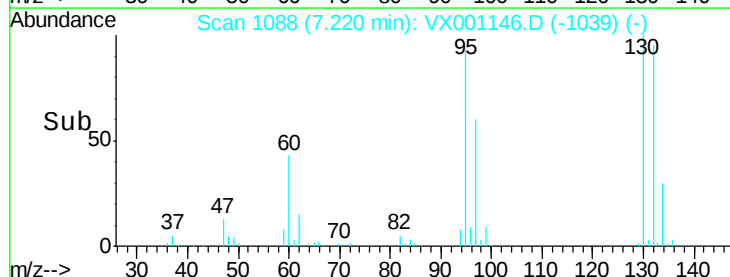
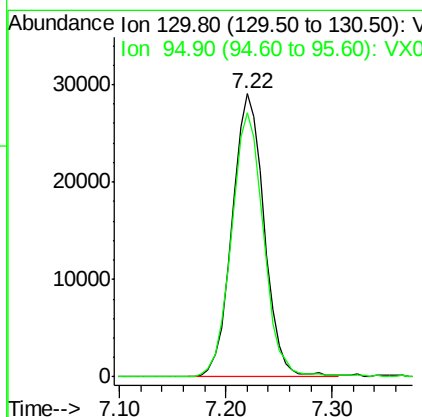
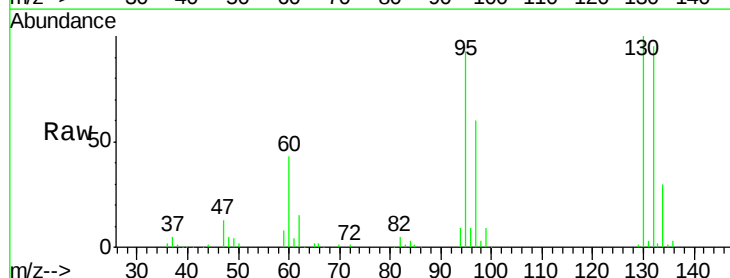
Manual Integrations
APPROVED

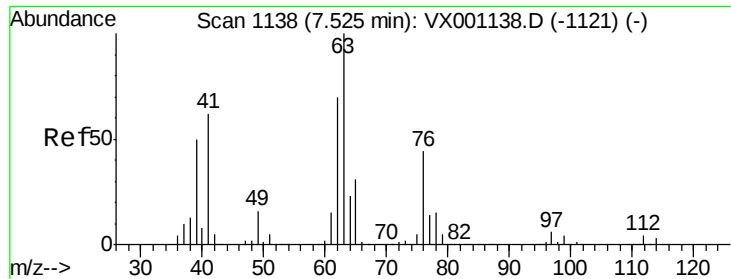
MMDadoda
4/30/2018 6:03:30 PM



#44
Trichloroethene
Concen: 20.401 ug/l
RT: 7.22 min Scan# 1088
Delta R.T. -0.00 min
Lab File: VX001146.D
Acq: 26 Apr 2018 23:54

Tgt Ion	Ratio	Lower	Upper
130	100		
95	93.3	0.0	189.6





#45

1,2-Dichloropropane

Concen: 19.566 ug/l

RT: 7.52 min Scan# 1138

Delta R.T. -0.00 min

Lab File: VX001146.D

Acq: 26 Apr 2018 23:54

Instrument :

MSVOA_X

ClientSampleId :

VX0426WBSD02

Tot Ion: 63 Resp: 51976

Ion Ratio Lower Upper

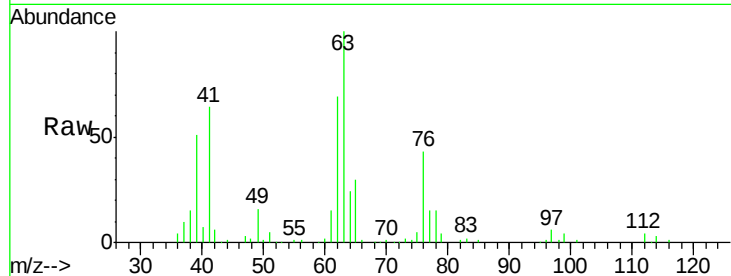
63 100

65 29.7 24.9 37.3

Manual Integrations
APPROVED

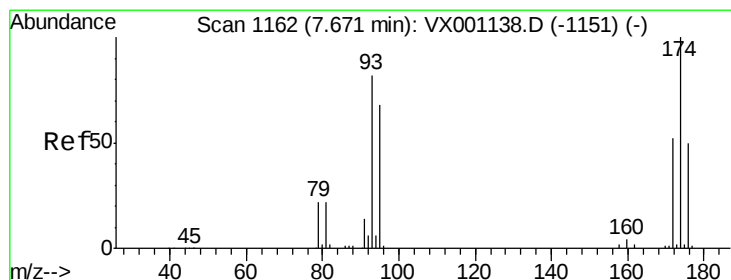
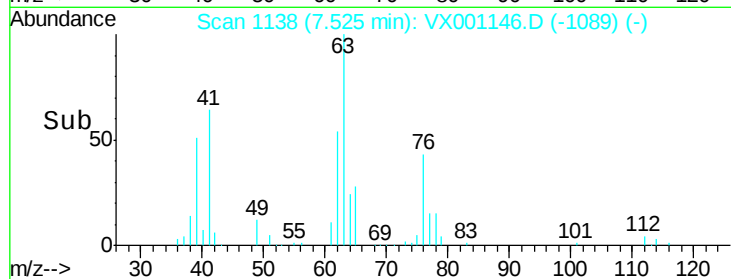
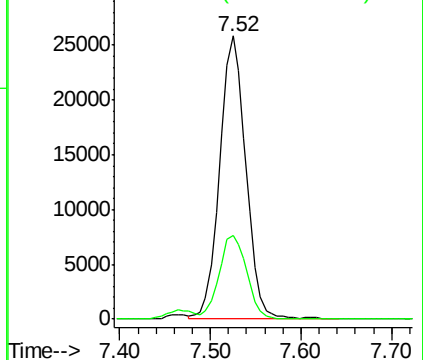
MMDadoda

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Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 20.183 ug/l

RT: 7.67 min Scan# 1162

Delta R.T. -0.00 min

Lab File: VX001146.D

Acq: 26 Apr 2018 23:54

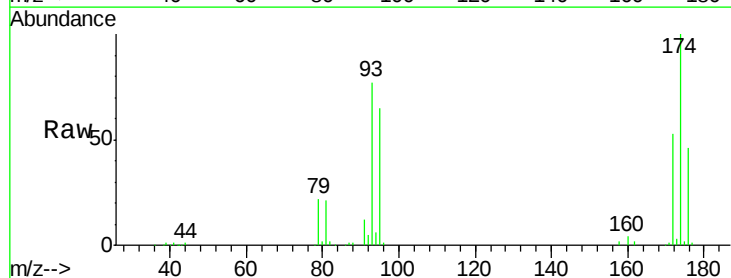
Tgt Ion: 93 Resp: 37127

Ion Ratio Lower Upper

93 100

95 83.1 66.4 99.6

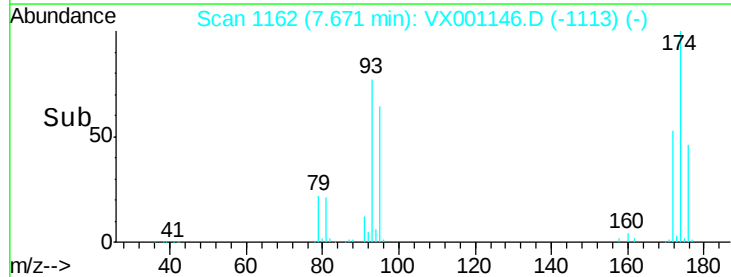
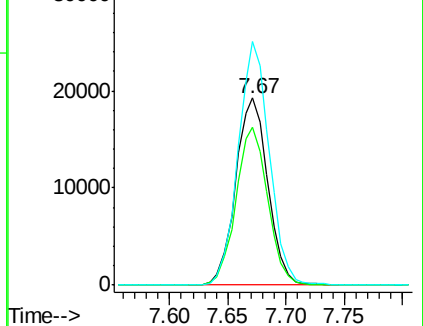
174 125.8 99.6 149.4

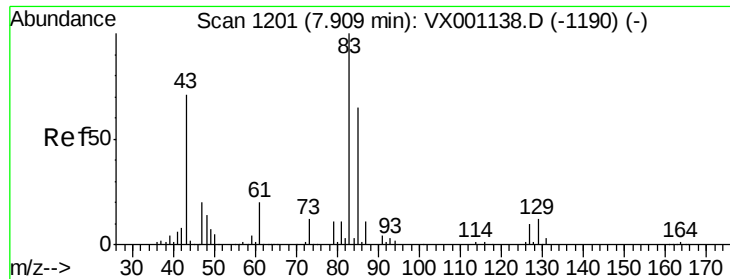


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 19.727 ug/l

RT: 7.91 min Scan# 1201

Delta R.T. -0.00 min

Lab File: VX001146.D

Acq: 26 Apr 2018 23:54

Instrument :

MSVOA_X

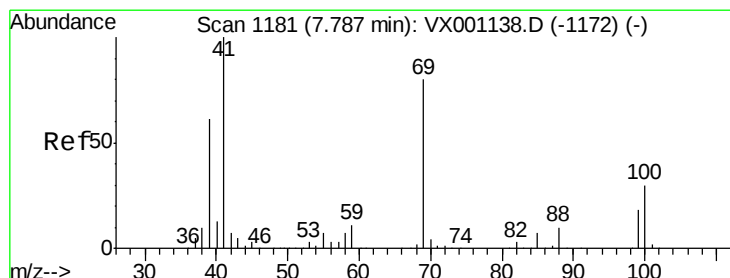
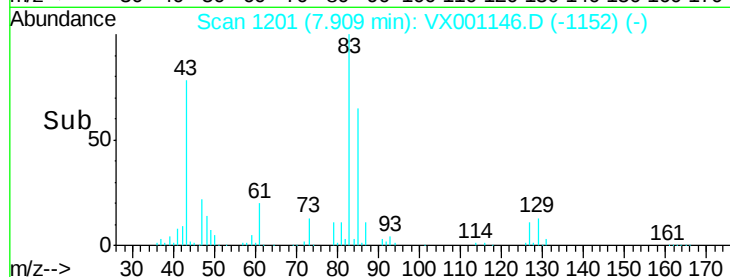
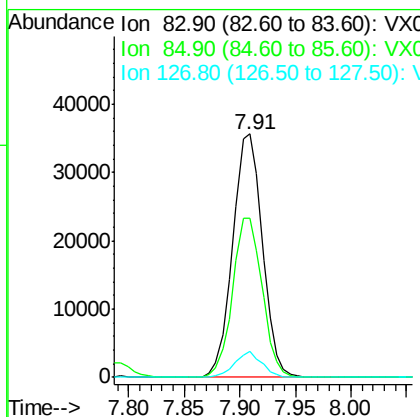
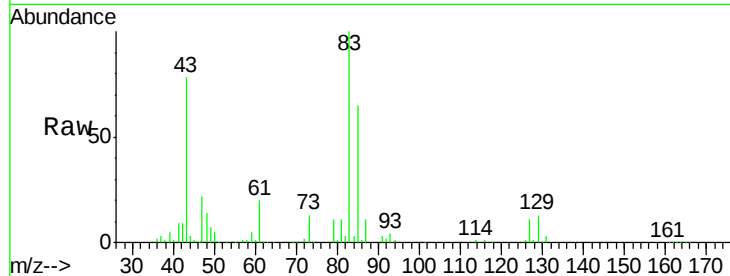
ClientSampleId :

VX0426WBSD02

Tot Ion:	83	Resp:	65934
Ion	Ratio	Lower	Upper
83	100		
85	65.1	51.9	77.9
127	10.5	7.7	11.5

Manual Integrations
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#48

Methyl methacrylate

Concen: 19.735 ug/l

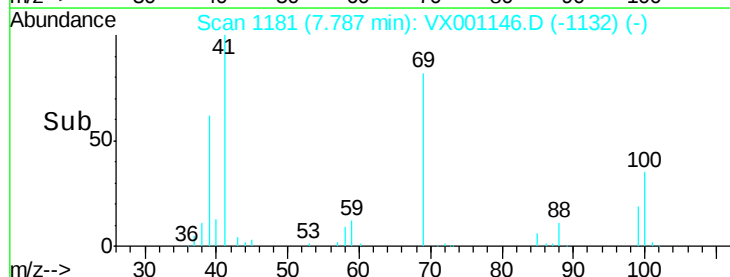
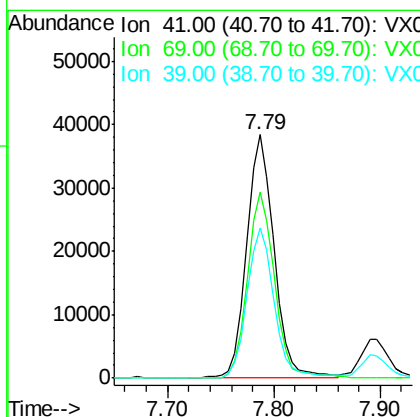
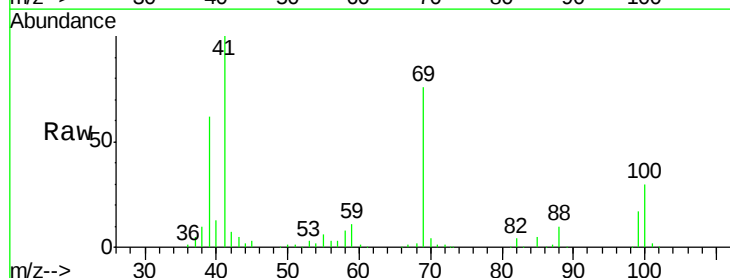
RT: 7.79 min Scan# 1181

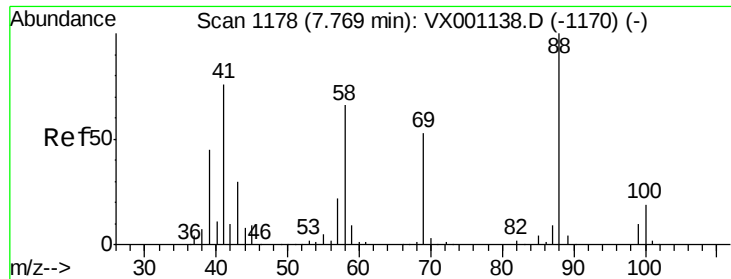
Delta R.T. -0.00 min

Lab File: VX001146.D

Acq: 26 Apr 2018 23:54

Tgt Ion:	41	Resp:	68882
Ion	Ratio	Lower	Upper
41	100		
69	76.4	62.4	93.6
39	62.3	48.7	73.1





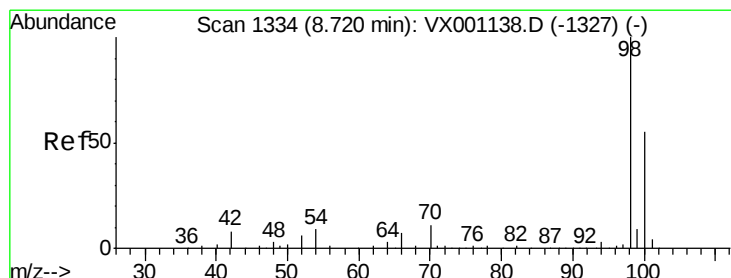
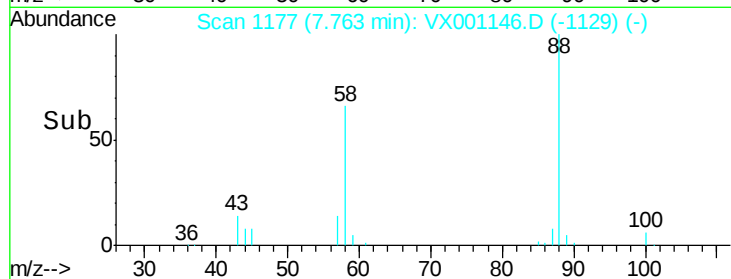
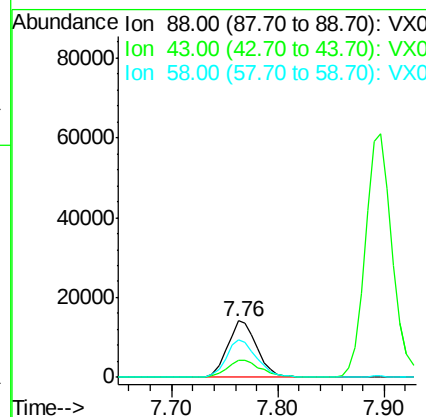
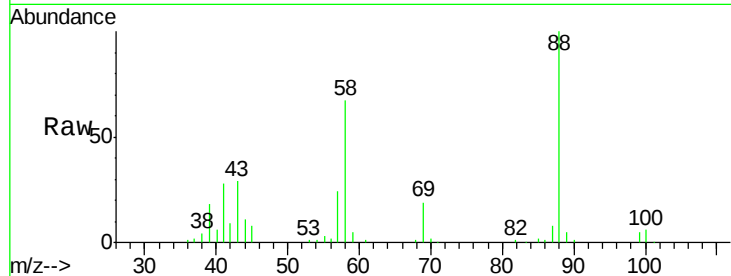
#49
1,4-Dioxane
Concen: 389.920 ug/l
RT: 7.76 min Scan# 1177
Delta R.T. -0.01 min
Lab File: VX001146.D
Acq: 26 Apr 2018 23:54

Instrument :
MSVOA_X
ClientSampleId :
VX0426WBSD02

Tot Ion	88	Resp	27248
Ion	Ratio	Lower	Upper
88	100		
43	36.6	27.3	40.9
58	69.5	54.2	81.4

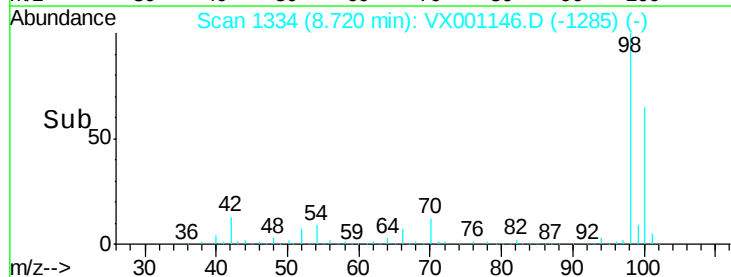
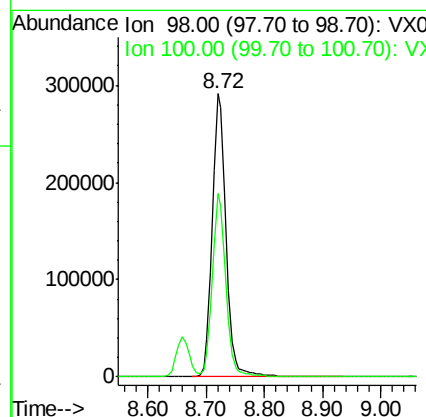
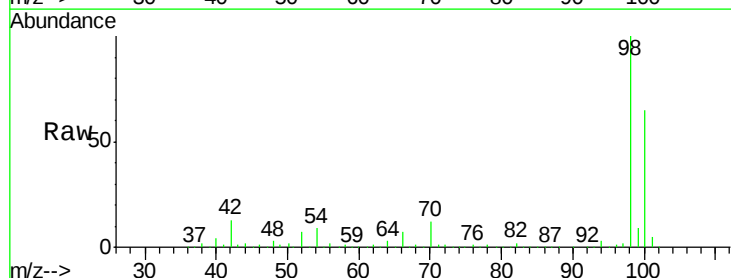
Manual Integrations
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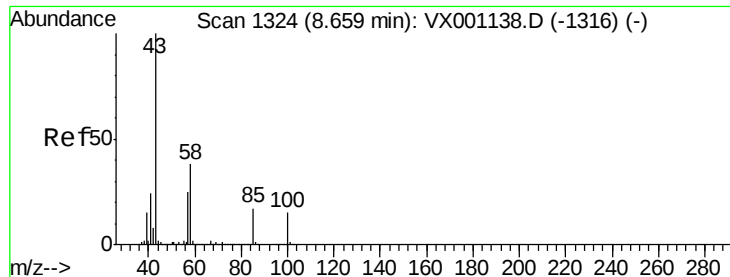
MMDadoda
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#50
Toluene-d8
Concen: 48.706 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. -0.00 min
Lab File: VX001146.D
Acq: 26 Apr 2018 23:54

Tgt Ion	98	Resp	482038
Ion	Ratio	Lower	Upper
98	100		
100	64.1	51.8	77.6





#51

4-Methyl-2-Pentanone

Concen: 100.612 ug/l

RT: 8.66 min Scan# 1324

Delta R.T. -0.00 min

Lab File: VX001146.D

Acq: 26 Apr 2018 23:54

Instrument :

MSVOA_X

ClientSampleId :

VX0426WBSD02

Tot Ion: 43 Resp: 433986

Ion Ratio Lower Upper

43 100

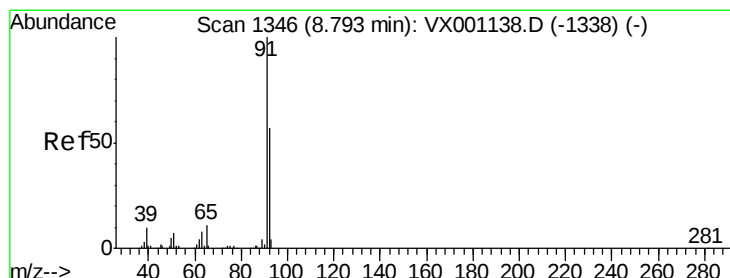
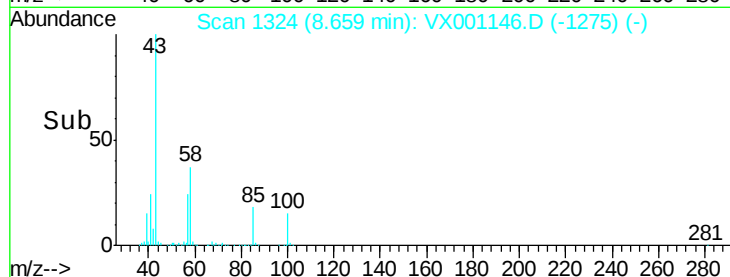
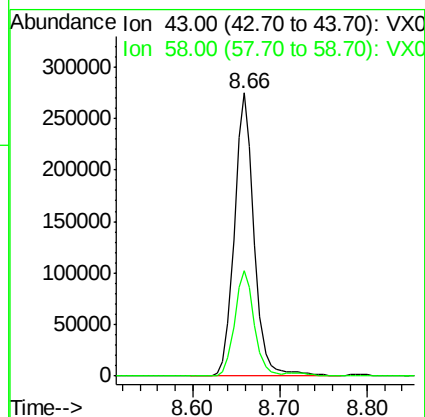
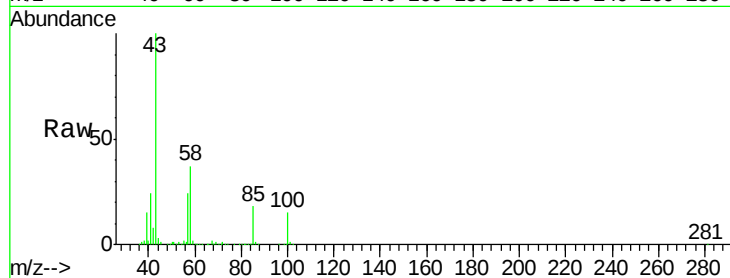
58 36.5 30.2 45.2

Manual Integrations

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#52

Toluene

Concen: 20.655 ug/l

RT: 8.79 min Scan# 1346

Delta R.T. -0.00 min

Lab File: VX001146.D

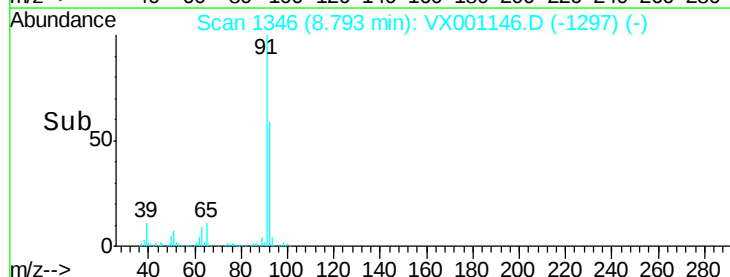
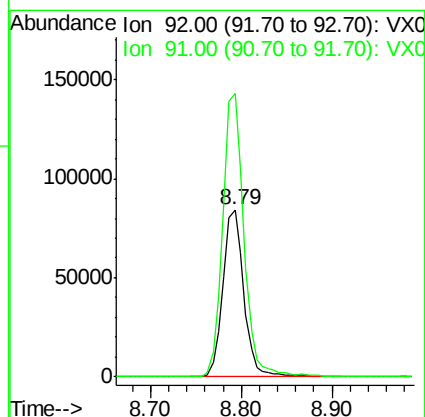
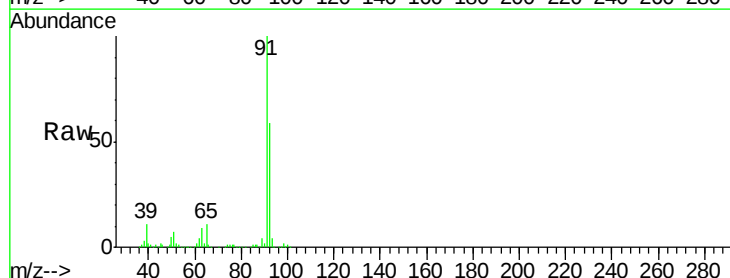
Acq: 26 Apr 2018 23:54

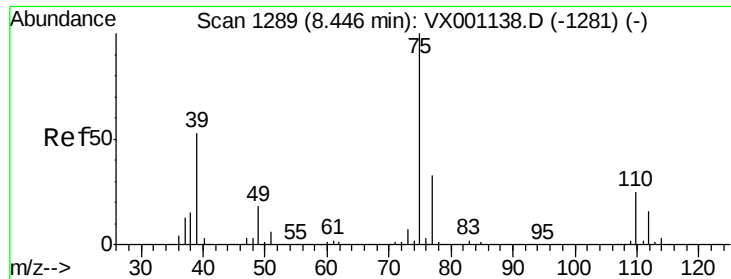
Tgt Ion: 92 Resp: 136427

Ion Ratio Lower Upper

92 100

91 172.5 139.8 209.6





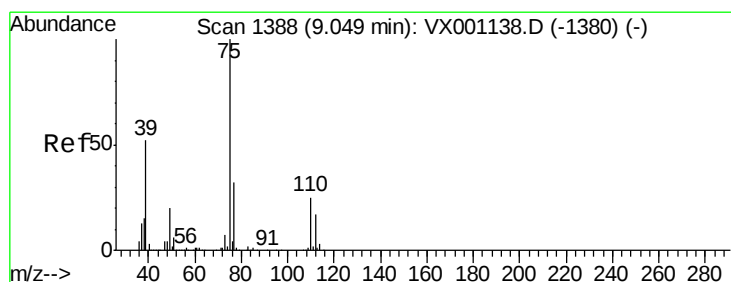
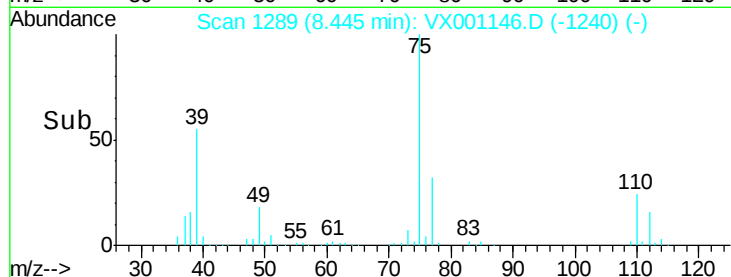
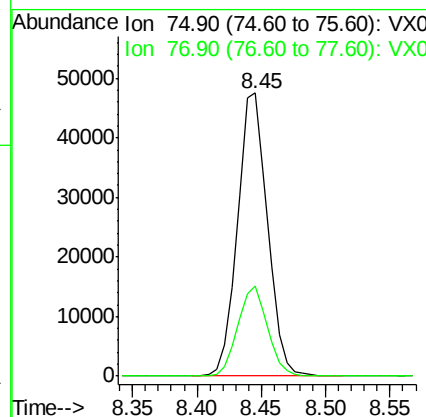
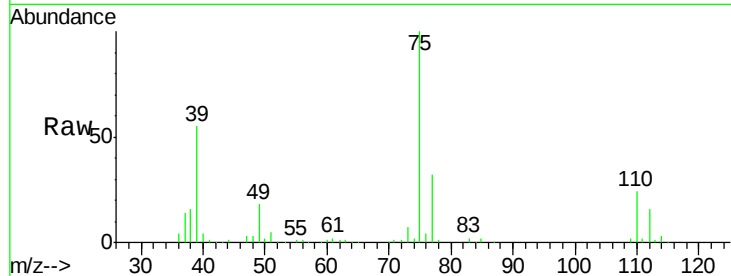
#53
t-1,3-Dichloropropene
Concen: 19.771 ug/l
RT: 8.45 min Scan# 1289
Delta R.T. -0.00 min
Lab File: VX001146.D
Acq: 26 Apr 2018 23:54

Instrument :
MSVOA_X
ClientSampleId :
VX0426WBSD02

Tot Ion: 75 Resp: 76821
Ion Ratio Lower Upper
75 100
77 31.9 26.2 39.4

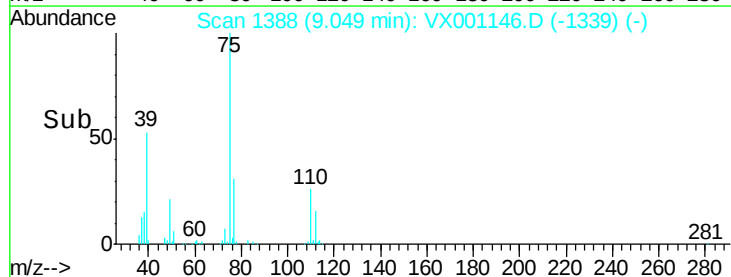
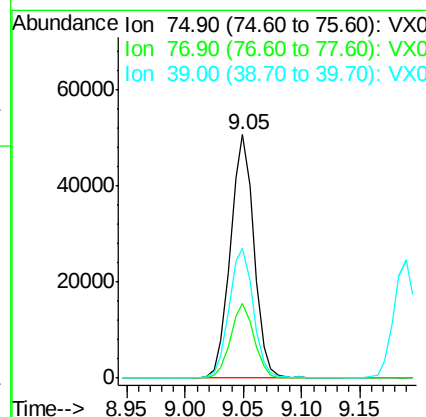
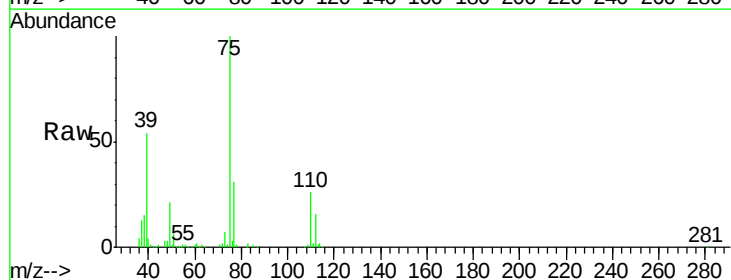
Manual Integrations
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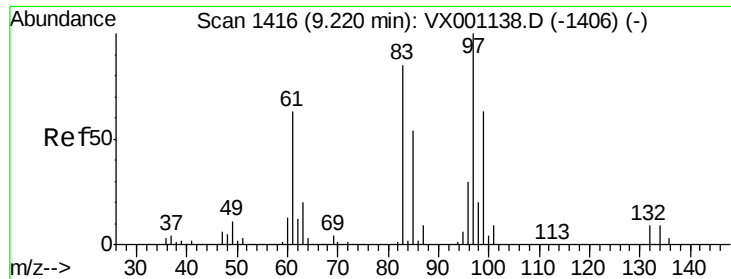
MMDadoda
4/30/2018 6:03:30 PM



#54
cis-1,3-Dichloropropene
Concen: 19.008 ug/l
RT: 9.05 min Scan# 1388
Delta R.T. 0.00 min
Lab File: VX001146.D
Acq: 26 Apr 2018 23:54

Tgt Ion: 75 Resp: 71279
Ion Ratio Lower Upper
75 100
77 30.4 25.4 38.2
39 53.3 42.0 63.0





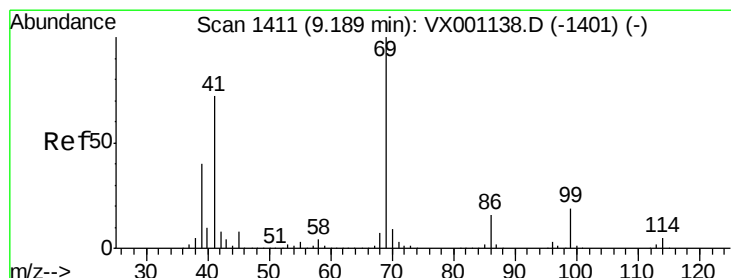
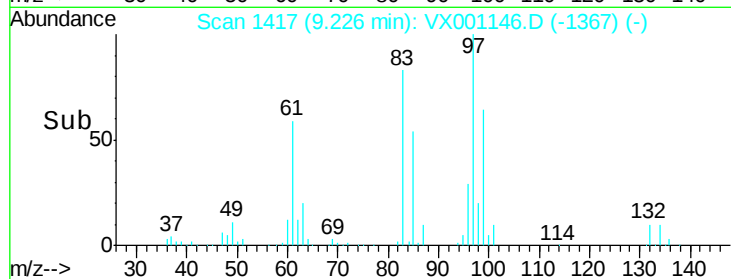
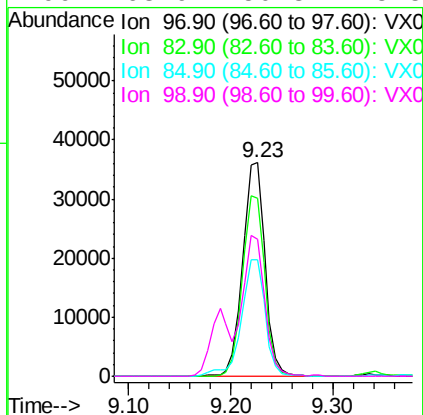
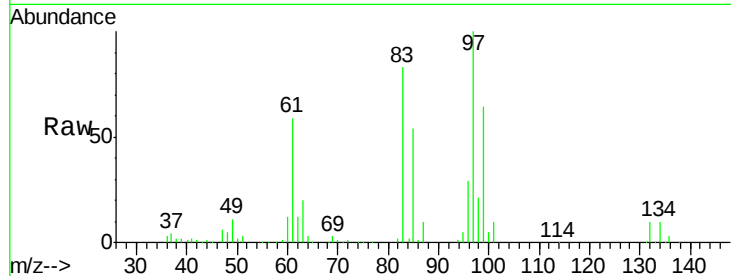
#55
 1,1,2-Trichloroethane
 Concen: 19.581 ug/l
 RT: 9.23 min Scan# 1417
 Delta R.T. 0.01 min
 Lab File: VX001146.D
 Acq: 26 Apr 2018 23:54

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0426WBSD02

Tot Ion:	97	Resp:	54718
Ion	Ratio	Lower	Upper
97	100		
83	83.3	68.0	102.0
85	54.3	42.9	64.3
99	63.9	50.3	75.5

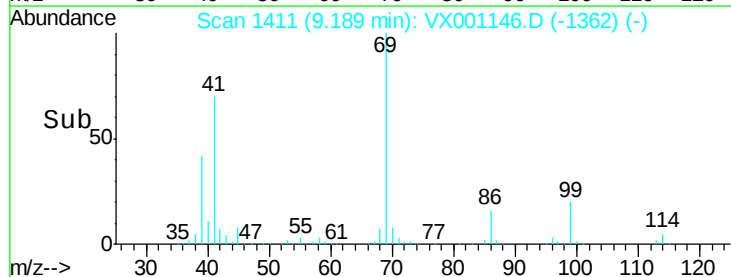
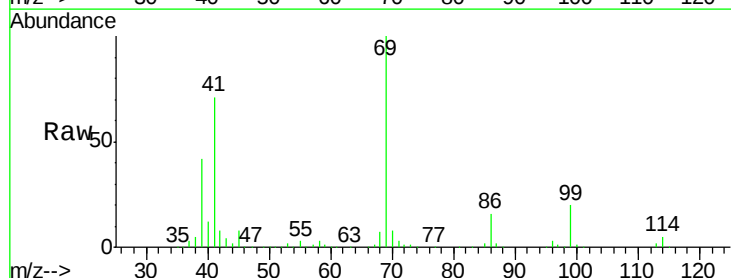
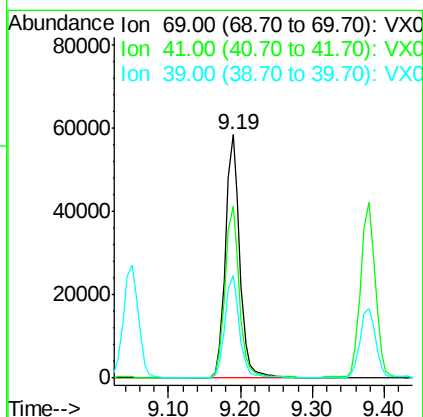
Manual Integrations
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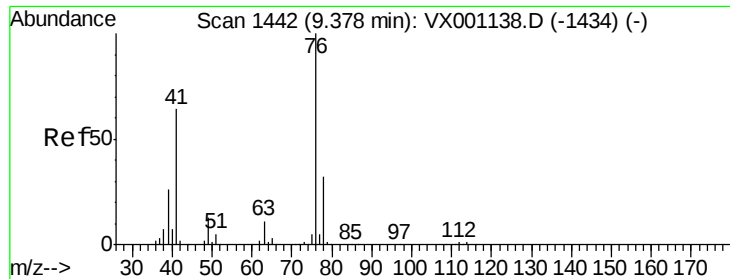
MMDadoda
 4/30/2018 6:03:30 PM



#56
 Ethyl methacrylate
 Concen: 19.760 ug/l
 RT: 9.19 min Scan# 1411
 Delta R.T. -0.00 min
 Lab File: VX001146.D
 Acq: 26 Apr 2018 23:54

Tgt Ion:	69	Resp:	81811
Ion	Ratio	Lower	Upper
69	100		
41	70.8	57.7	86.5
39	41.8	33.3	49.9





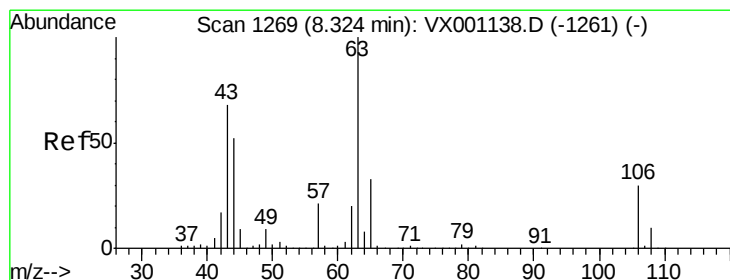
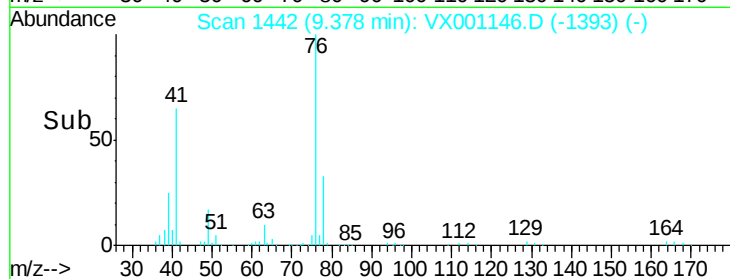
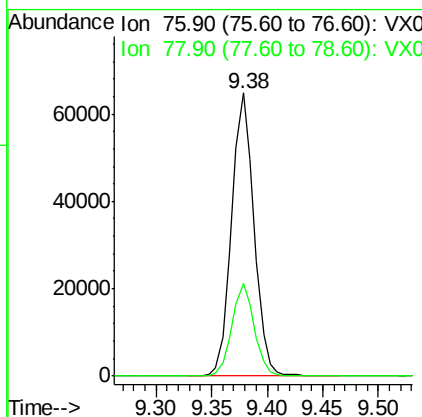
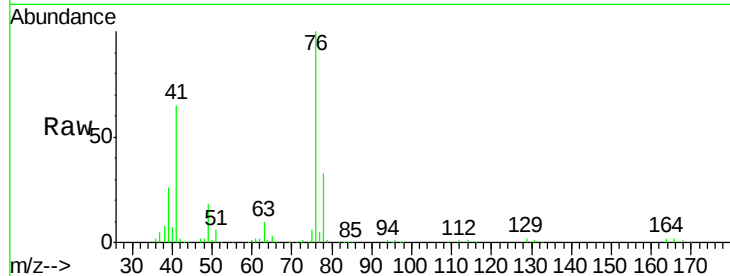
#57
 1,3-Dichloropropane
 Concen: 19.946 ug/l
 RT: 9.38 min Scan# 1442
 Delta R.T. -0.00 min
 Lab File: VX001146.D
 Acq: 26 Apr 2018 23:54

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0426WBSD02

Tot Ion: 76 Resp: 90170
 Ion Ratio Lower Upper
 76 100
 78 32.7 26.1 39.1

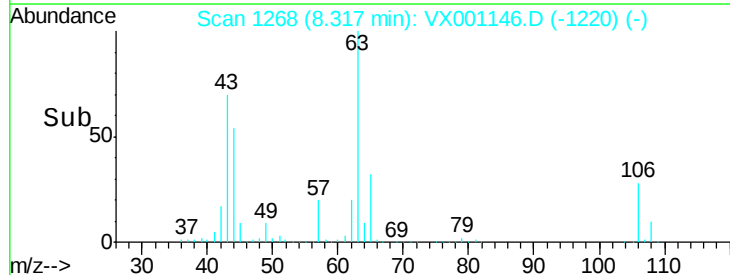
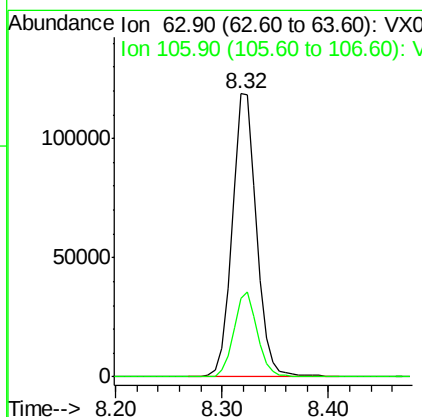
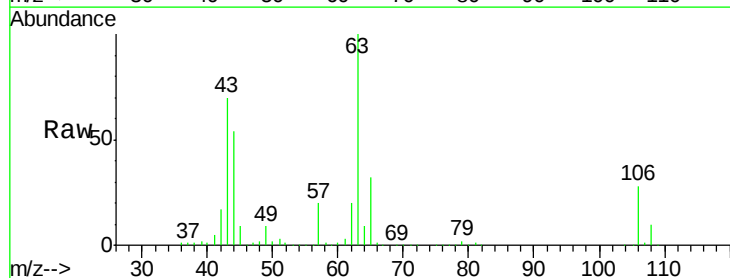
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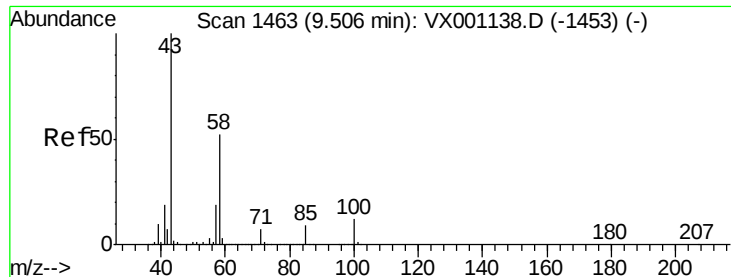
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#58
 2-Chloroethyl Vinyl ether
 Concen: 97.266 ug/l
 RT: 8.32 min Scan# 1268
 Delta R.T. -0.01 min
 Lab File: VX001146.D
 Acq: 26 Apr 2018 23:54

Tgt Ion: 63 Resp: 190381
 Ion Ratio Lower Upper
 63 100
 106 29.0 23.7 35.5





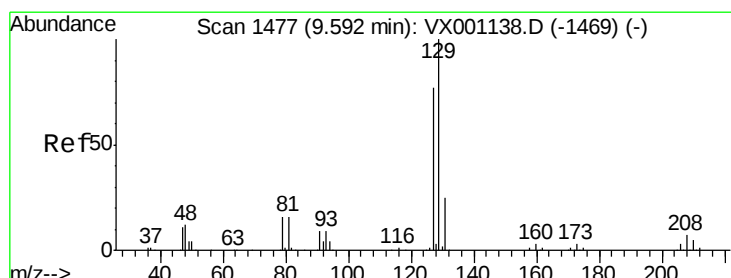
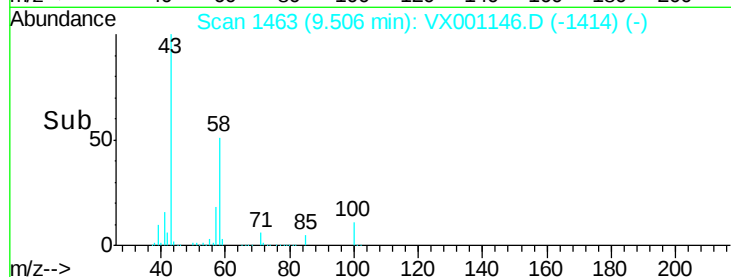
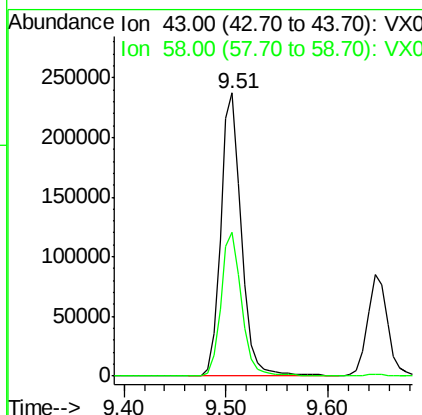
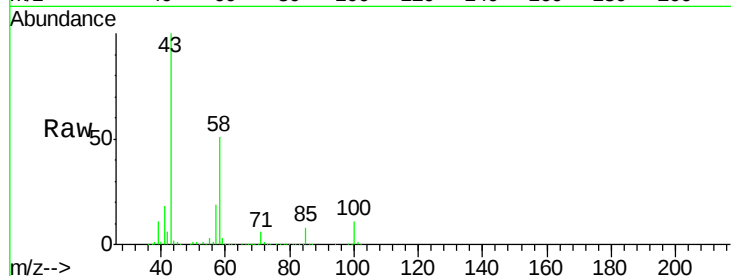
#59
2-Hexanone
Concen: 98.506 ug/l
RT: 9.51 min Scan# 1463
Delta R.T. -0.00 min
Lab File: VX001146.D
Acq: 26 Apr 2018 23:54

Instrument :
MSVOA_X
ClientSampleId :
VX0426WBSD02

Tot Ion: 43 Resp: 332917
Ion Ratio Lower Upper
43 100
58 51.2 25.8 77.4

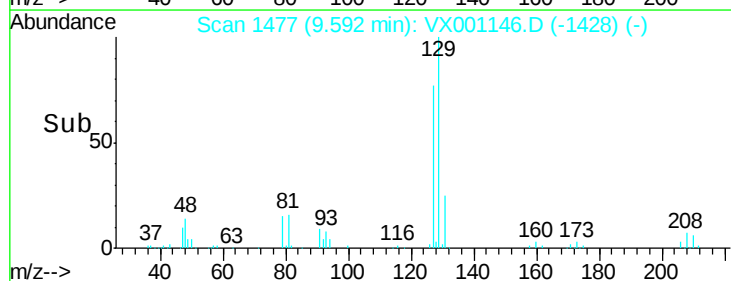
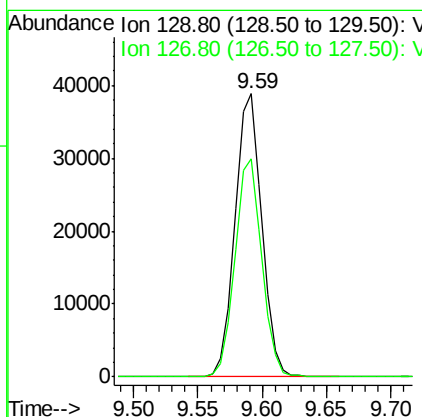
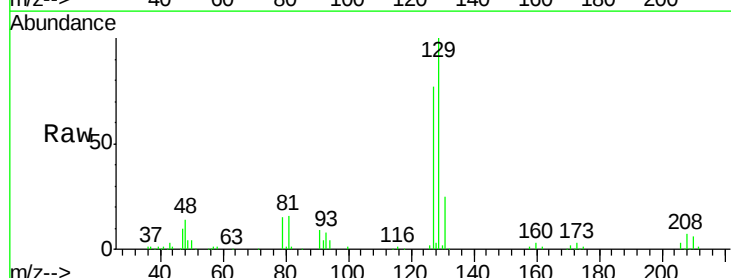
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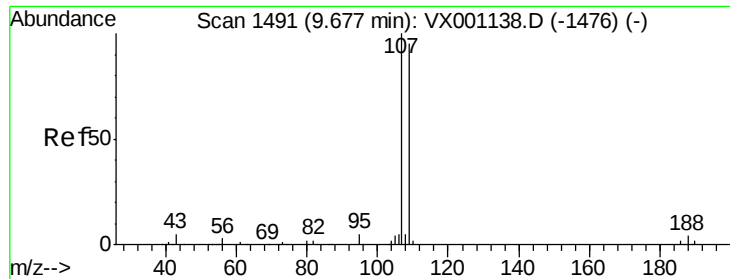
MMDadoda
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#60
Dibromochloromethane
Concen: 19.430 ug/l
RT: 9.59 min Scan# 1477
Delta R.T. 0.00 min
Lab File: VX001146.D
Acq: 26 Apr 2018 23:54

Tgt Ion: 129 Resp: 56265
Ion Ratio Lower Upper
129 100
127 77.0 38.4 115.2





#61

1,2-Dibromoethane

Concen: 20.244 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. -0.00 min

Lab File: VX001146.D

Acq: 26 Apr 2018 23:54

Instrument :

MSVOA_X

ClientSampleId :

VX0426WBSD02

Tot Ion:107 Resp: 59265

Ion Ratio Lower Upper

107 100

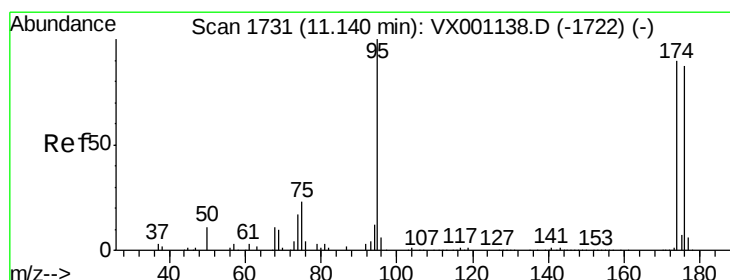
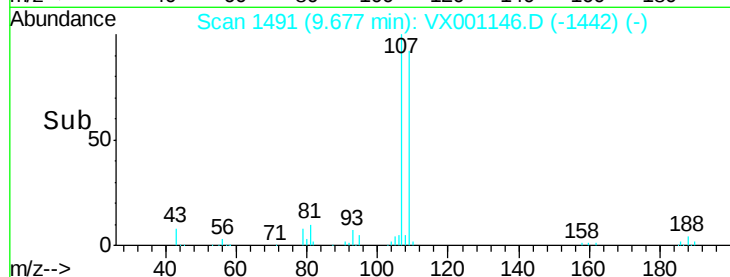
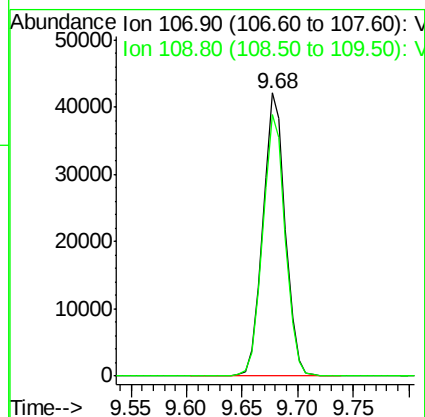
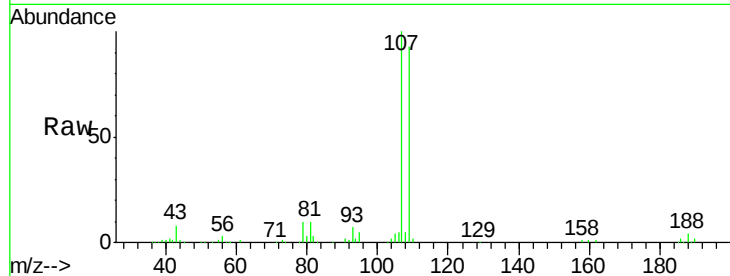
109 93.5 75.2 112.8

Manual Integrations

APPROVED

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#62

4-Bromofluorobenzene

Concen: 47.701 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.00 min

Lab File: VX001146.D

Acq: 26 Apr 2018 23:54

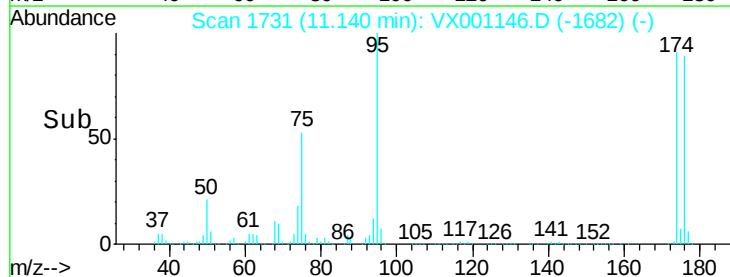
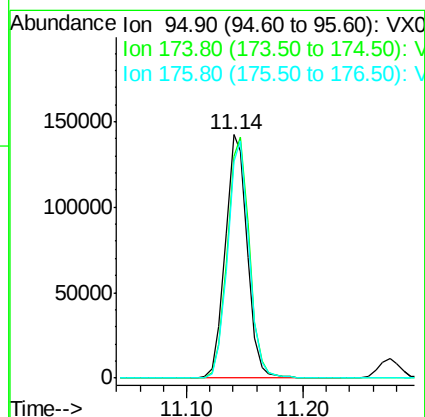
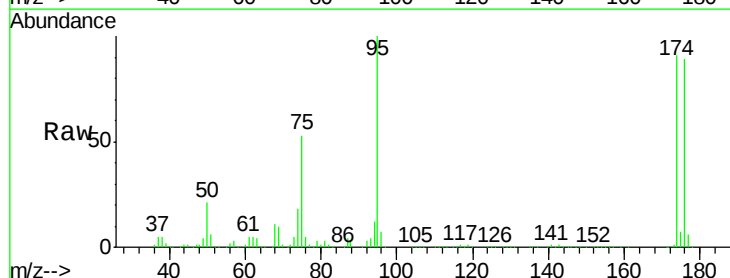
Tgt Ion: 95 Resp: 184423

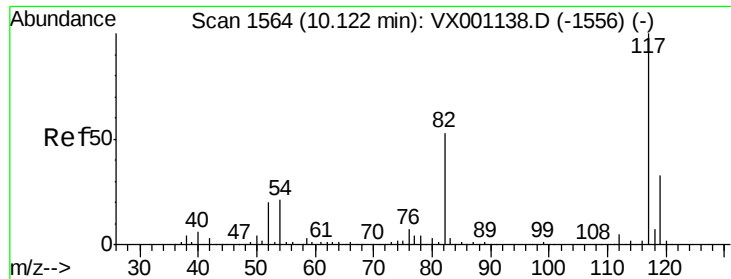
Ion Ratio Lower Upper

95 100

174 99.6 0.0 194.4

176 96.2 0.0 190.2





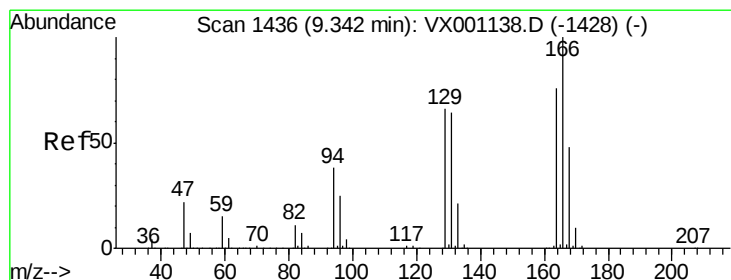
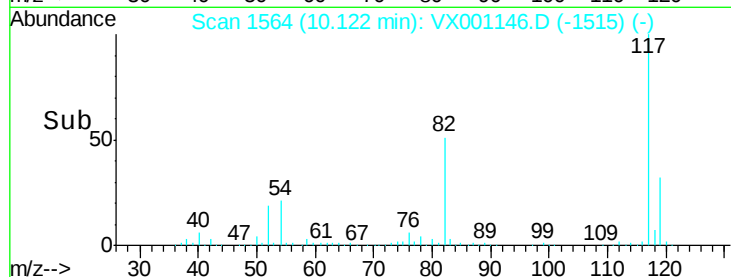
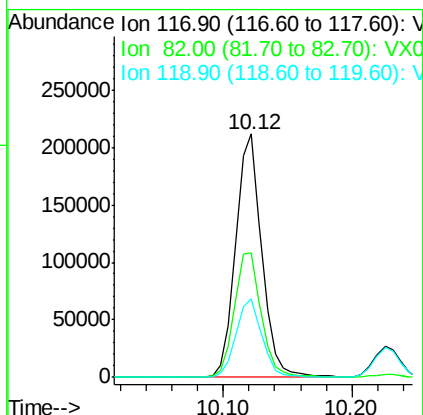
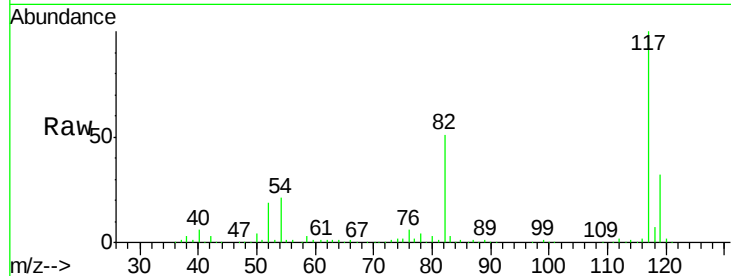
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. -0.00 min
Lab File: VX001146.D
Acq: 26 Apr 2018 23:54

Instrument :
MSVOA_X
ClientSampleId :
VX0426WBSD02

Tot Ion	Ratio	Lower	Upper
117	100		
82	51.1	42.1	63.1
119	32.1	26.1	39.1

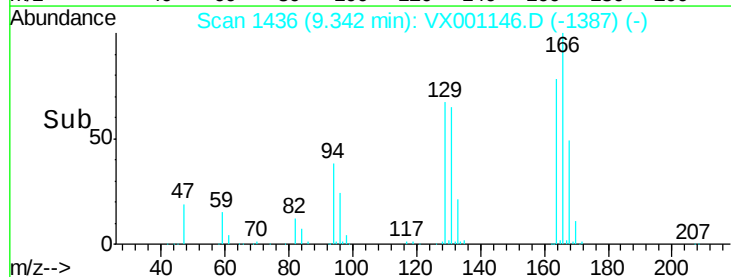
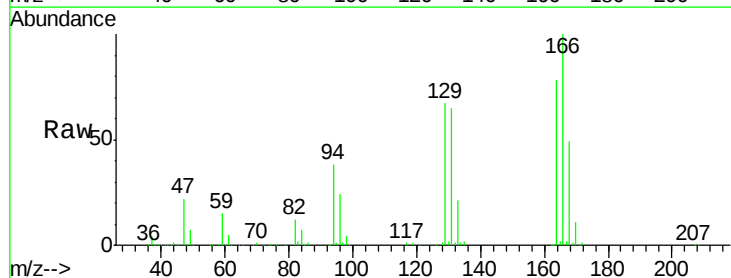
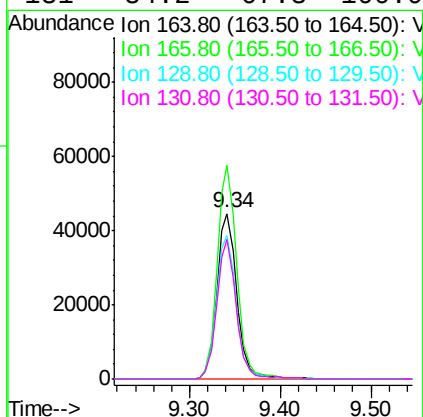
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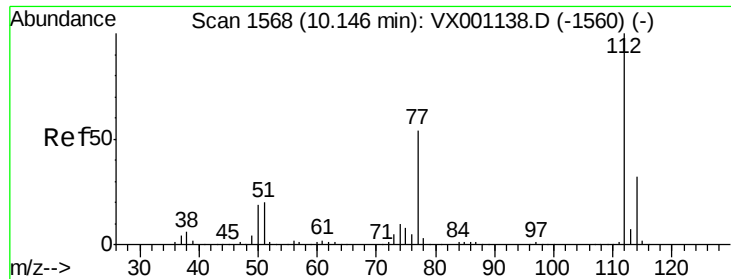
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#64
Tetrachloroethene
Concen: 21.491 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. -0.00 min
Lab File: VX001146.D
Acq: 26 Apr 2018 23:54

Tgt Ion	Ratio	Lower	Upper
164	100		
166	129.0	105.0	157.6
129	86.3	69.4	104.2
131	84.2	67.3	100.9





#65

Chlorobenzene

Concen: 20.373 ug/l

RT: 10.15 min Scan# 1568

Delta R.T. -0.00 min

Lab File: VX001146.D

Acq: 26 Apr 2018 23:54

Instrument :

MSVOA_X

ClientSampleId :

VX0426WBSD02

Tot Ion:112 Resp: 159400

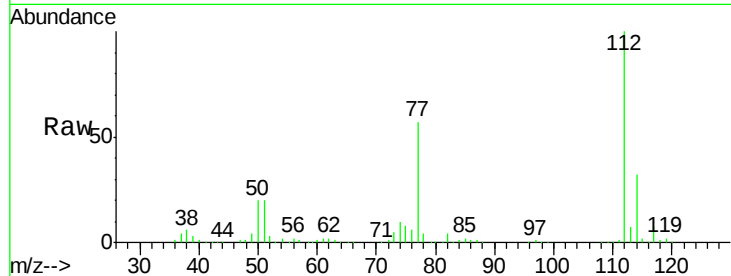
Ion Ratio Lower Upper

112 100

114 32.0 25.7 38.5

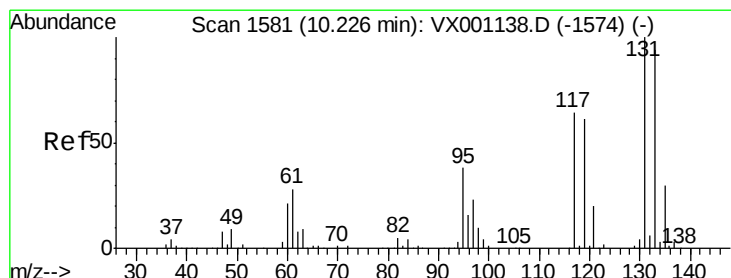
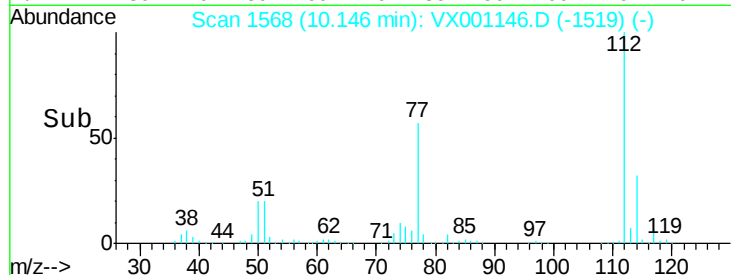
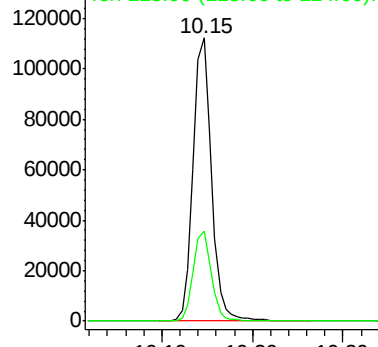
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Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 20.381 ug/l

RT: 10.23 min Scan# 1581

Delta R.T. -0.00 min

Lab File: VX001146.D

Acq: 26 Apr 2018 23:54

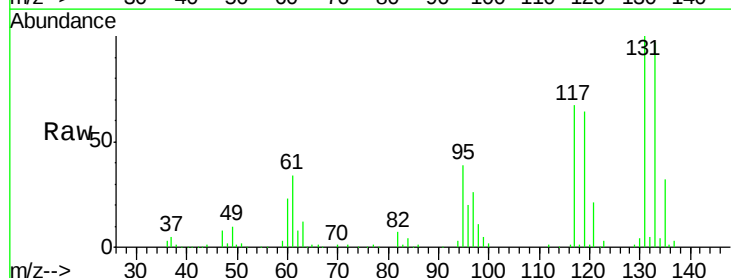
Tgt Ion:131 Resp: 55172

Ion Ratio Lower Upper

131 100

133 95.5 47.8 143.4

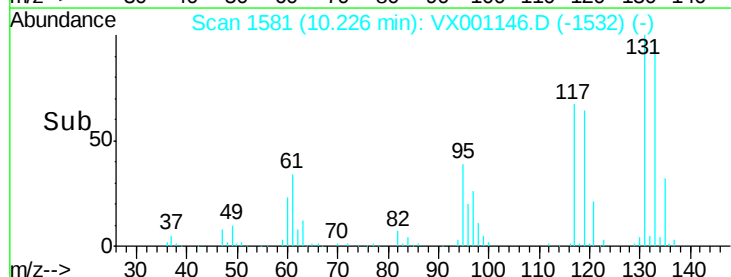
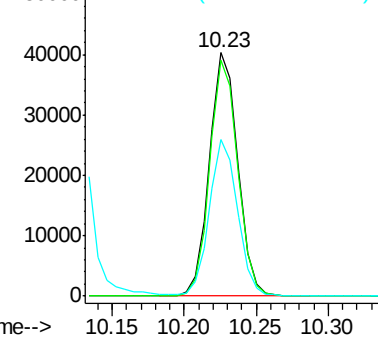
119 64.3 31.3 93.8

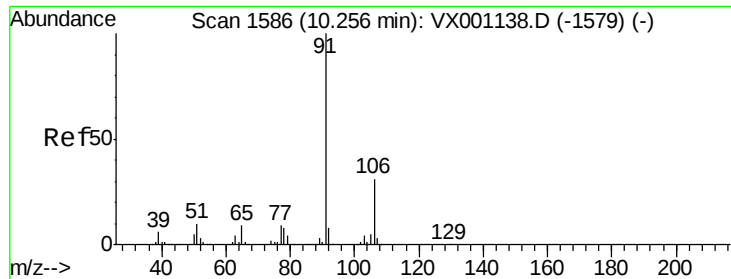


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





#67

Ethyl Benzene

Concen: 20.725 ug/l

RT: 10.26 min Scan# 1586

Delta R.T. -0.00 min

Lab File: VX001146.D

Acq: 26 Apr 2018 23:54

Instrument :

MSVOA_X

ClientSampleId :

VX0426WBSD02

Tot Ion: 91 Resp: 263469

Ion Ratio Lower Upper

91 100

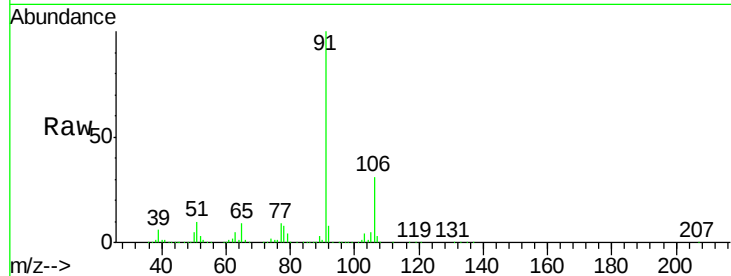
106 31.4 24.8 37.2

Manual Integrations

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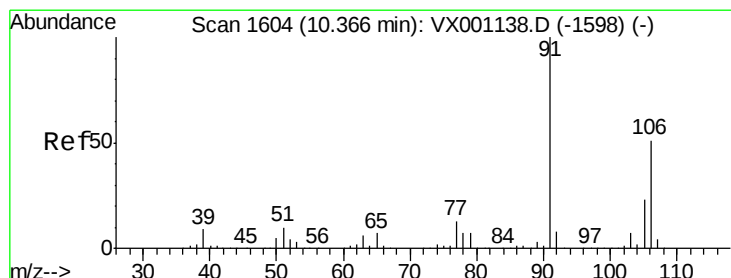
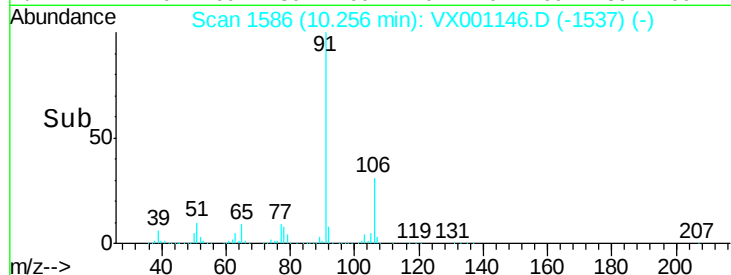
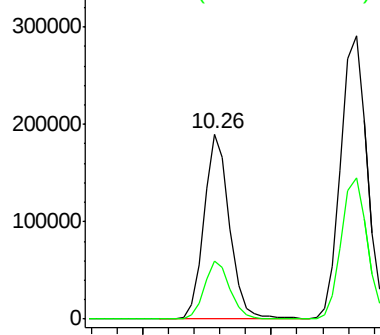
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Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V



#68

m/p-Xylenes

Concen: 41.062 ug/l

RT: 10.37 min Scan# 1604

Delta R.T. -0.00 min

Lab File: VX001146.D

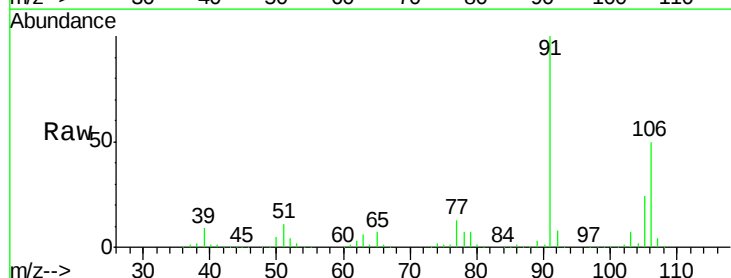
Acq: 26 Apr 2018 23:54

Tgt Ion: 106 Resp: 206371

Ion Ratio Lower Upper

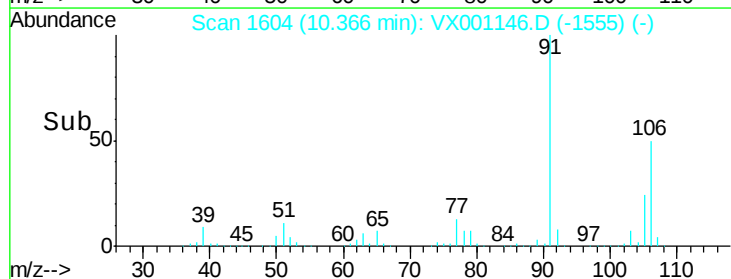
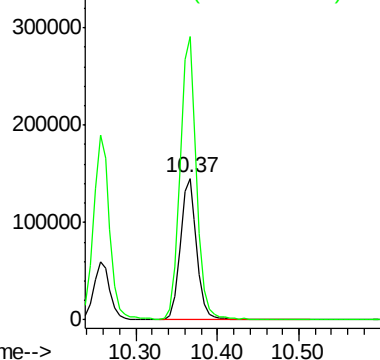
106 100

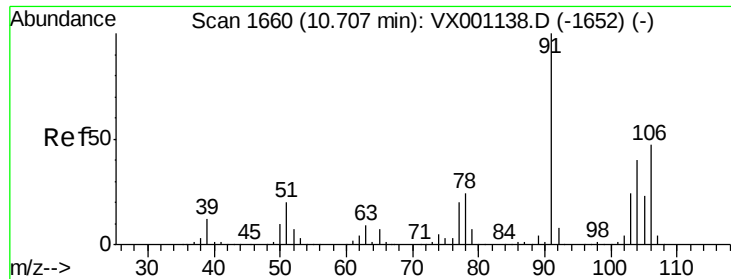
91 201.4 160.9 241.3



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0





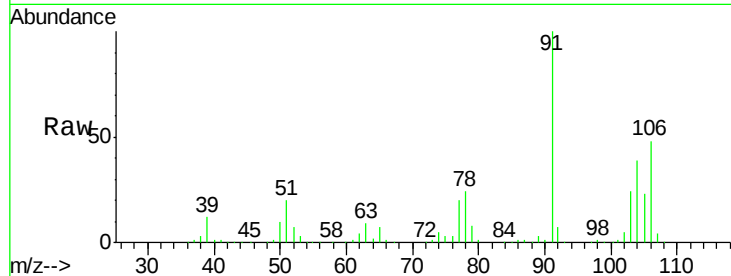
#69
o-Xylene
Concen: 20.845 ug/l
RT: 10.71 min Scan# 1660
Delta R.T. -0.00 min
Lab File: VX001146.D
Acq: 26 Apr 2018 23:54

Instrument :
MSVOA_X
ClientSampled :
VX0426WBSD02

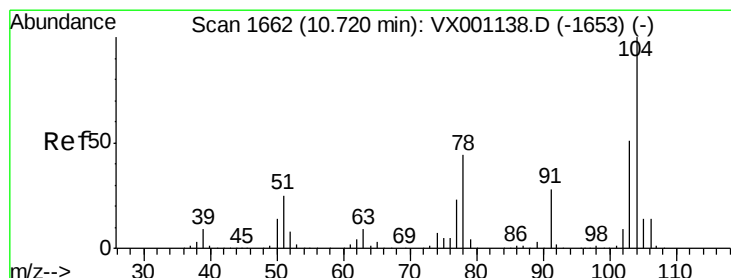
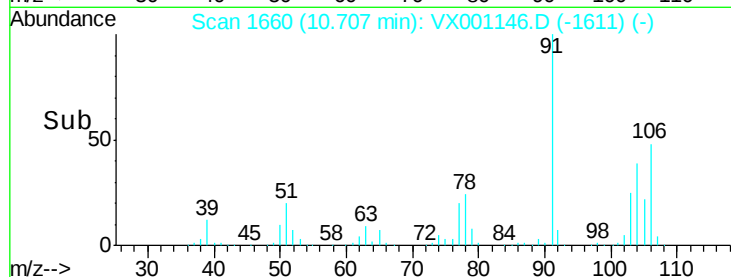
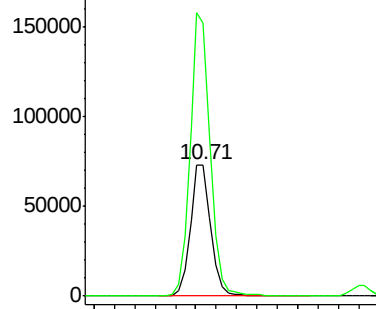
Tot Ion:106 Resp: 101610
Ion Ratio Lower Upper
106 100
91 212.1 106.2 318.5

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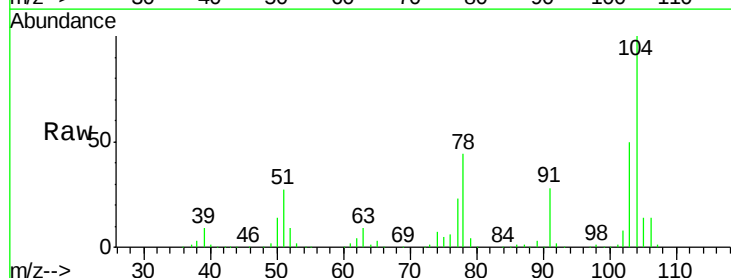


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

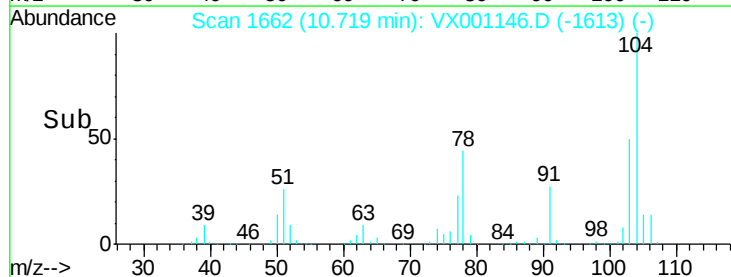
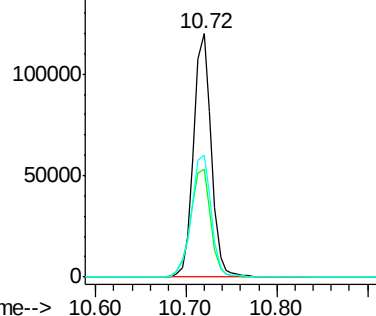


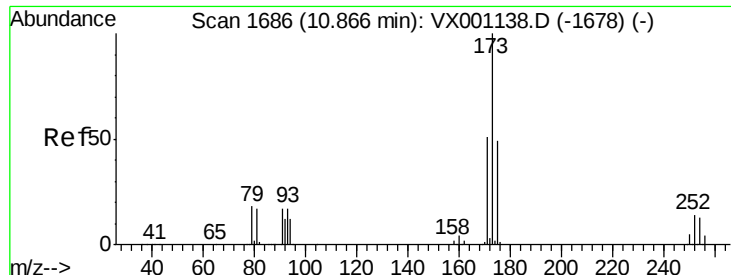
#70
Styrene
Concen: 20.244 ug/l
RT: 10.72 min Scan# 1662
Delta R.T. -0.00 min
Lab File: VX001146.D
Acq: 26 Apr 2018 23:54

Tgt Ion:104 Resp: 164227
Ion Ratio Lower Upper
104 100
78 50.7 40.3 60.5
103 56.2 44.3 66.5



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VX0
Ion 103.00 (102.70 to 103.70): V





#71

Bromoform

Concen: 18.939 ug/l

RT: 10.87 min Scan# 1686

Delta R.T. 0.00 min

Lab File: VX001146.D

Acq: 26 Apr 2018 23:54

Instrument :

MSVOA_X

ClientSampleId :

VX0426WBSD02

Tot Ion:173 Resp: 44207

Ion Ratio Lower Upper

173 100

175 50.8 24.6 73.8

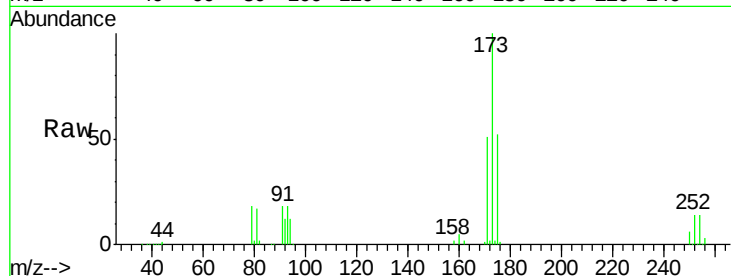
254 0.1 0.2 0.2#

Manual Integrations

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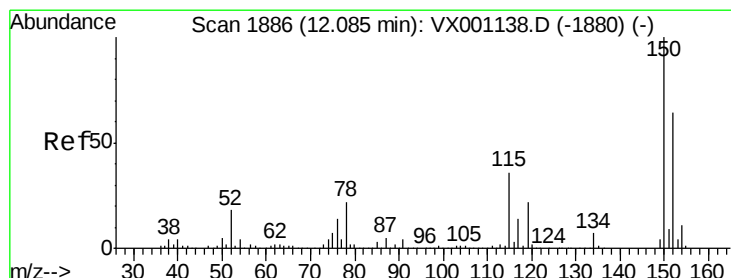
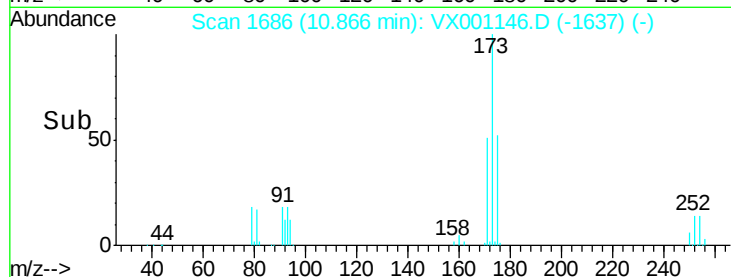
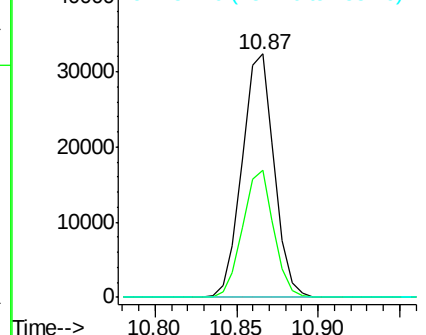
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Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.09 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX001146.D

Acq: 26 Apr 2018 23:54

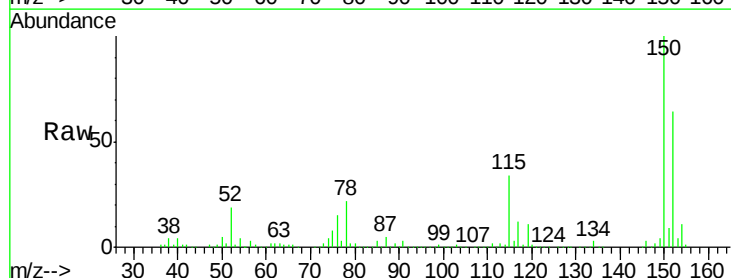
Tgt Ion:152 Resp: 197151

Ion Ratio Lower Upper

152 100

115 64.2 38.0 114.0

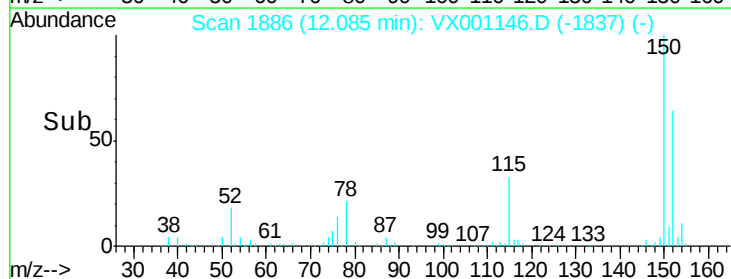
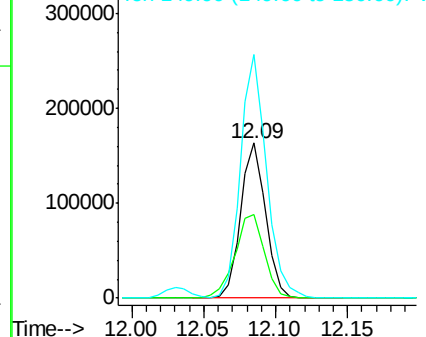
150 164.3 0.0 349.6

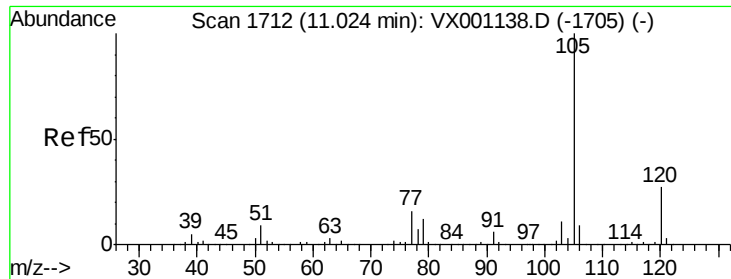


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 21.264 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. -0.00 min

Lab File: VX001146.D

Acq: 26 Apr 2018 23:54

Instrument :

MSVOA_X

ClientSampleId :

VX0426WBSD02

Tot Ion: 105 Resp: 273246

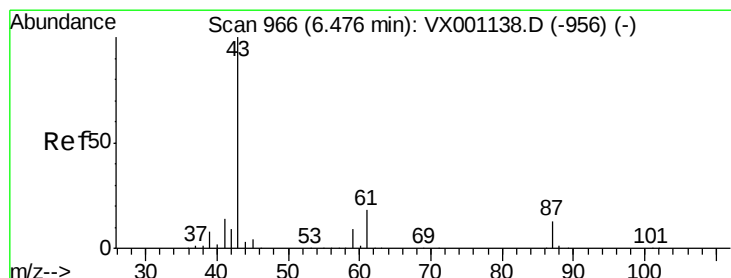
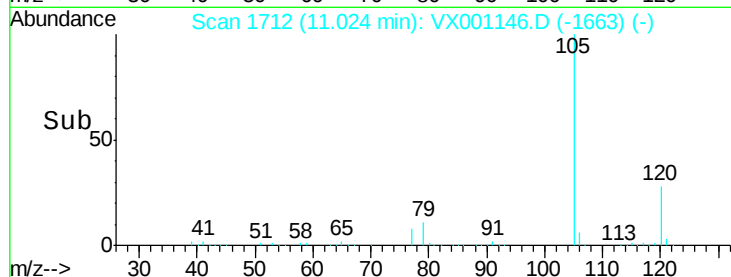
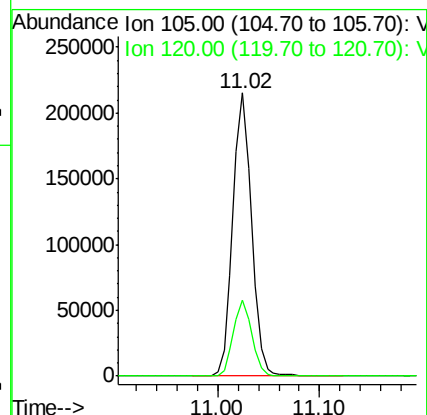
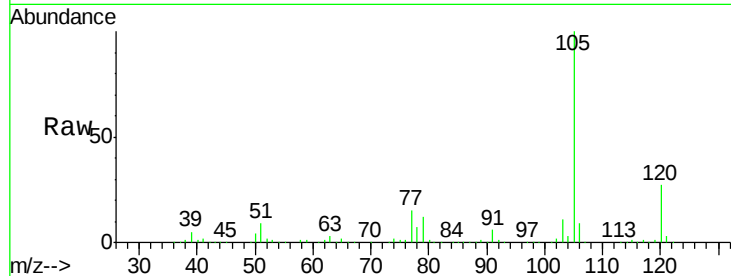
Ion Ratio Lower Upper

105 100

120 26.7 13.6 40.8

Manual Integrations
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#74

N-ethyl acetate

Concen: 19.839 ug/l

RT: 6.48 min Scan# 966

Delta R.T. -0.00 min

Lab File: VX001146.D

Acq: 26 Apr 2018 23:54

Tgt Ion: 43 Resp: 128461

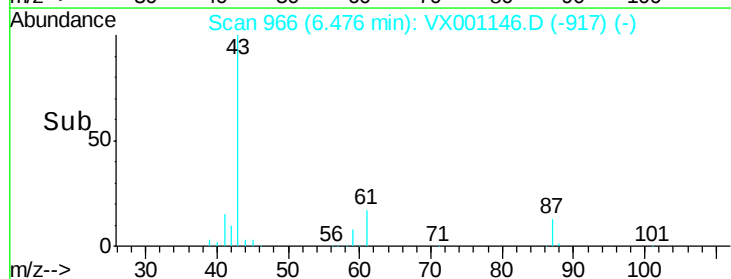
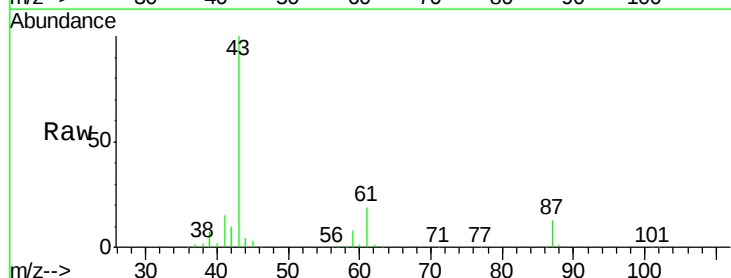
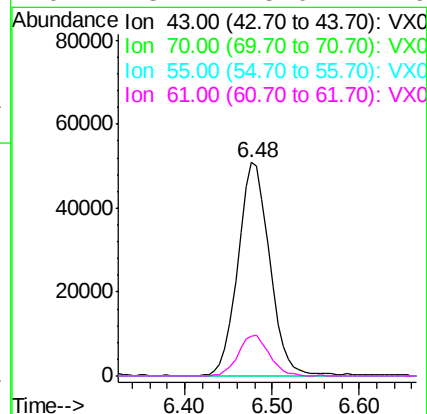
Ion Ratio Lower Upper

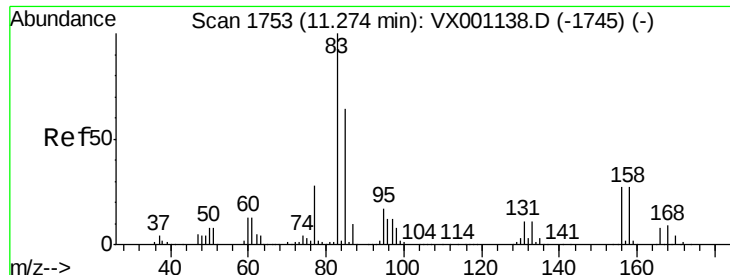
43 100

70 0.0 0.0 0.0

55 0.1 0.0 0.0#

61 18.7 15.0 22.6





#75

1,1,2,2-Tetrachloroethane

Concen: 19.835 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. -0.00 min

Lab File: VX001146.D

Acq: 26 Apr 2018 23:54

Instrument :

MSVOA_X

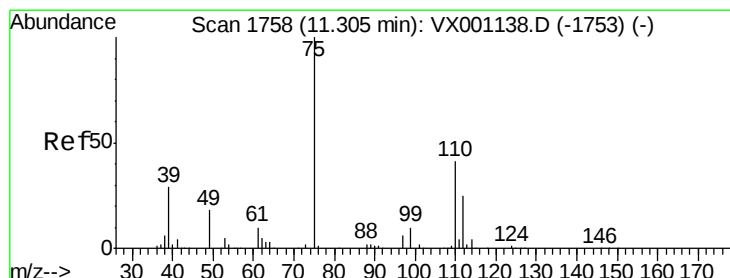
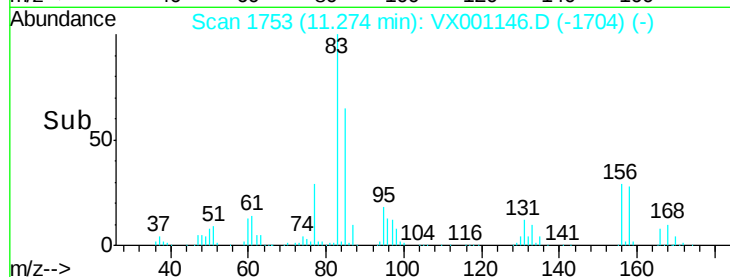
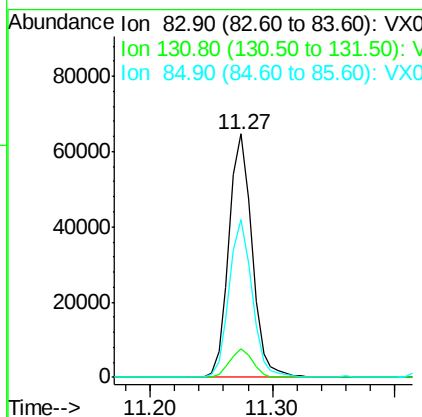
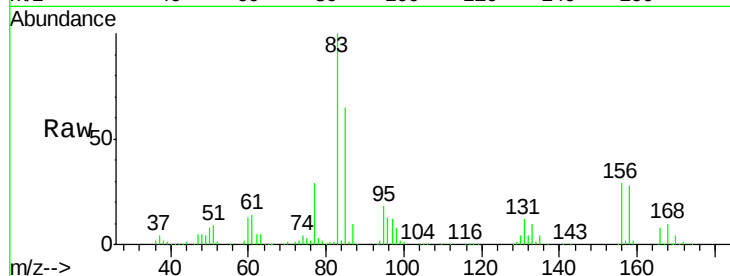
ClientSampleId :

VX0426WBSD02

Tot Ion:	83	Resp:	84569
Ion	Ratio	Lower	Upper
83	100		
131	11.7	5.8	17.4
85	64.4	32.1	96.3

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 19.885 ug/l m

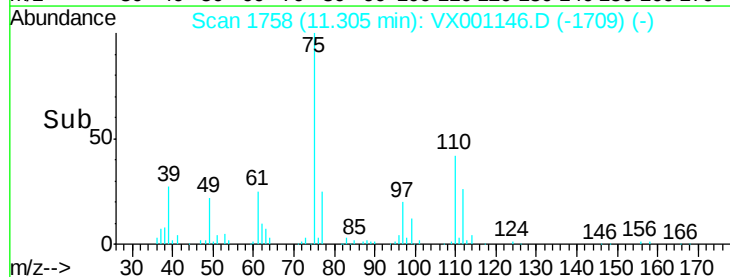
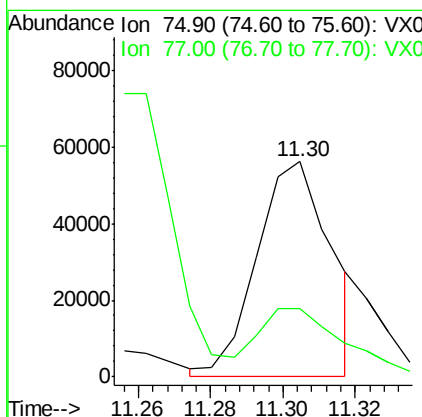
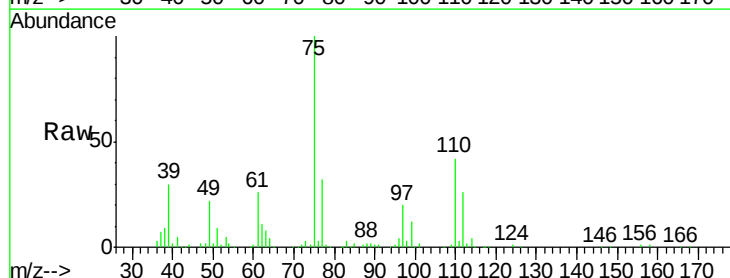
RT: 11.30 min Scan# 1758

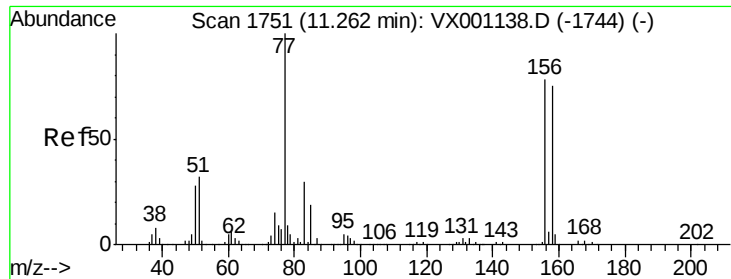
Delta R.T. -0.00 min

Lab File: VX001146.D

Acq: 26 Apr 2018 23:54

Tgt Ion:	75	Resp:	79827
Ion	Ratio	Lower	Upper
75	100		
77	37.0	18.9	56.9





#77

Bromobenzene

Concen: 20.335 ug/l

RT: 11.26 min Scan# 1751

Delta R.T. -0.00 min

Lab File: VX001146.D

Acq: 26 Apr 2018 23:54

Instrument :

MSVOA_X

ClientSampleId :

VX0426WBSD02

Tot Ion:156 Resp: 77489

Ion Ratio Lower Upper

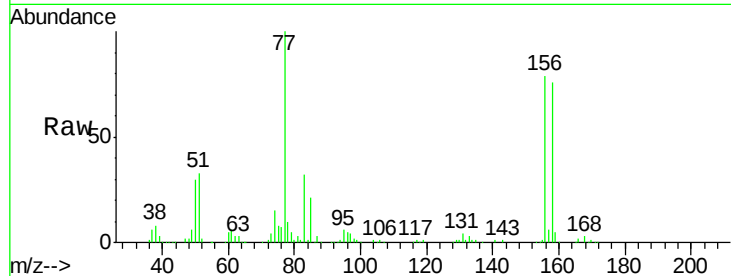
156 100

77 134.5 67.8 203.2

158 97.9 48.9 146.7

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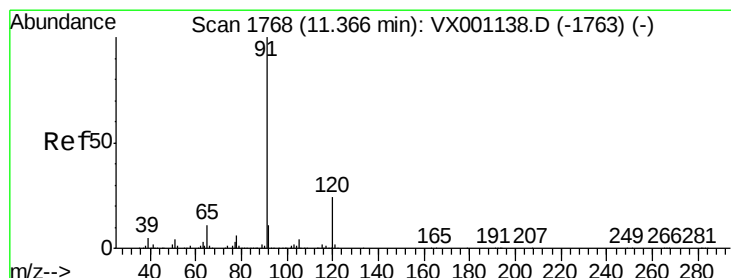
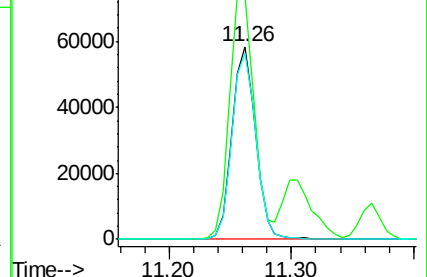
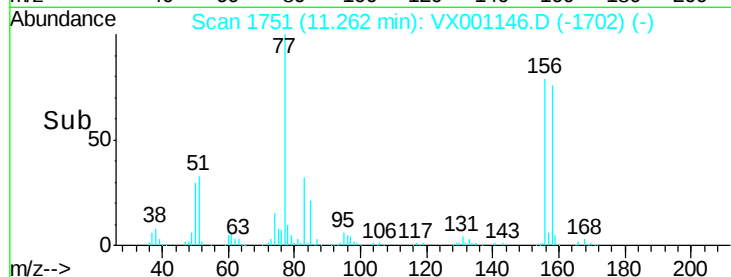
MMDadoda
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Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 21.220 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. -0.00 min

Lab File: VX001146.D

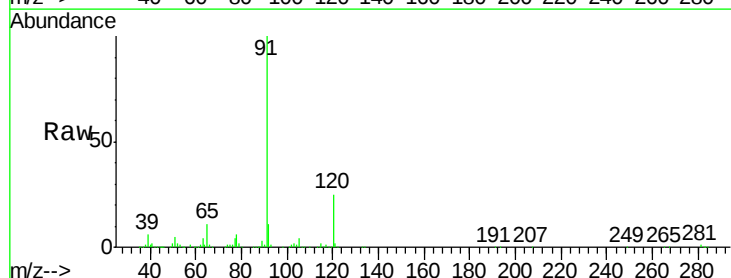
Acq: 26 Apr 2018 23:54

Tgt Ion: 91 Resp: 304059

Ion Ratio Lower Upper

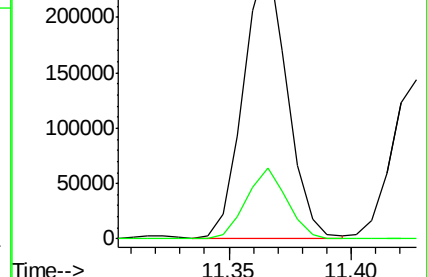
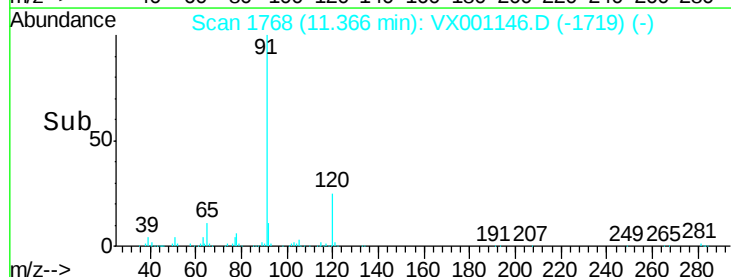
91 100

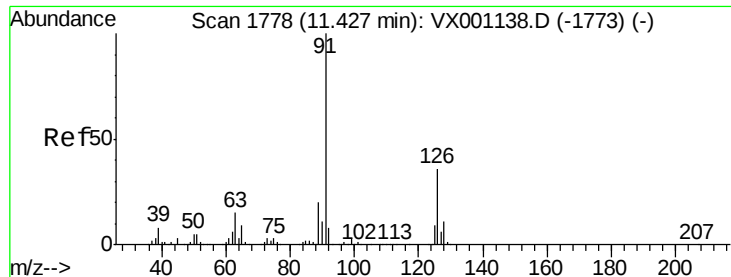
120 24.5 12.2 36.6



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





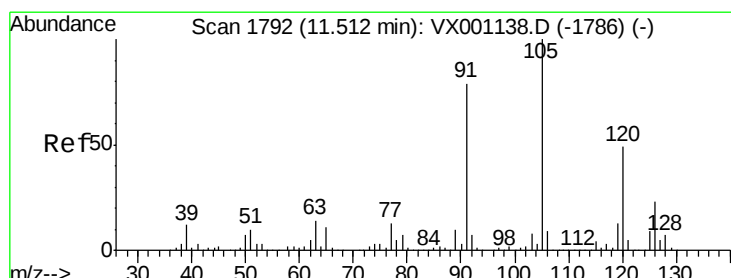
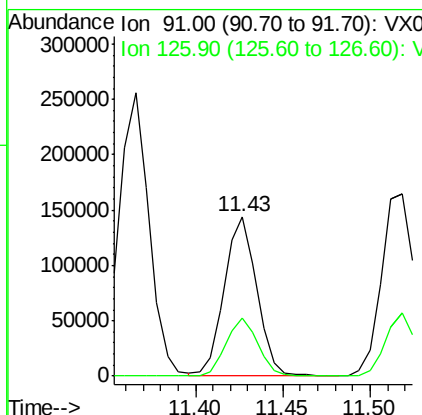
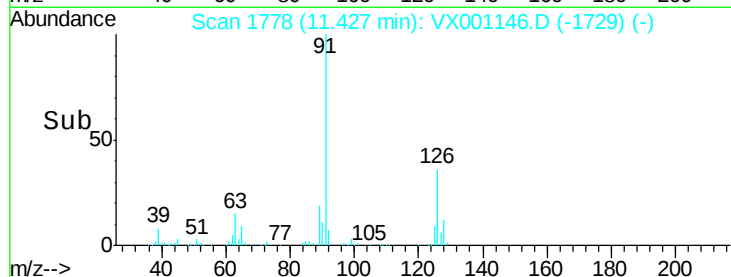
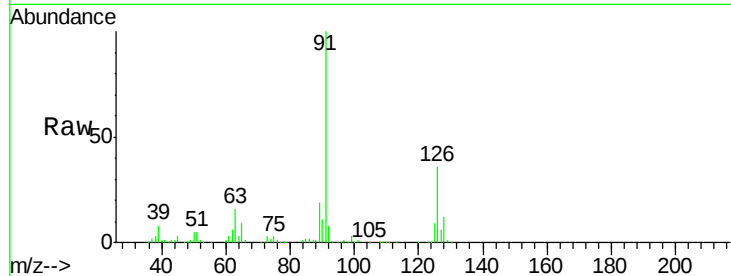
#79
 2-Chlorotoluene
 Concen: 20.829 ug/l
 RT: 11.43 min Scan# 1778
 Delta R.T. -0.00 min
 Lab File: VX001146.D
 Acq: 26 Apr 2018 23:54

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0426WBSD02

Tot Ion: 91 Resp: 185005
 Ion Ratio Lower Upper
 91 100
 126 36.1 18.2 54.6

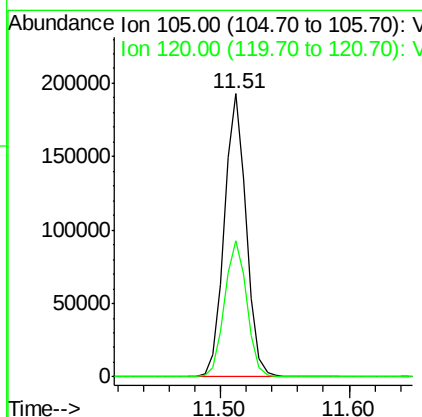
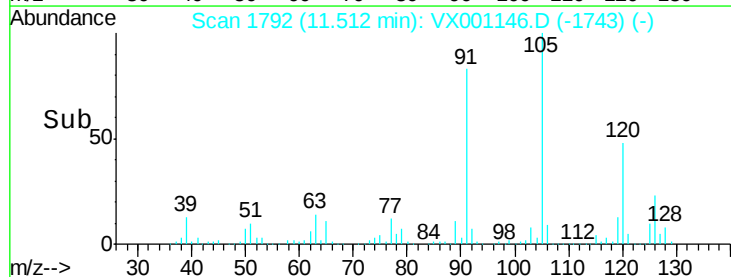
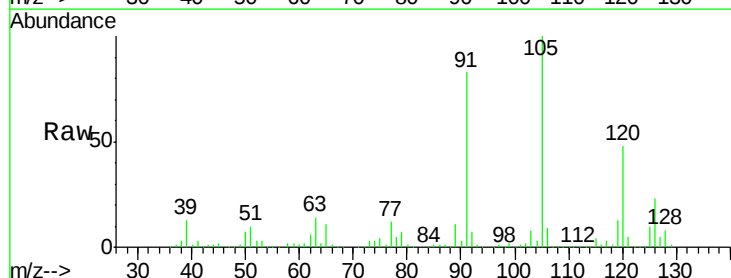
Manual Integrations
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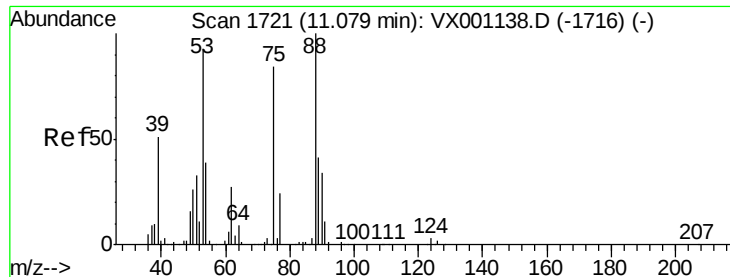
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#80
 1,3,5-Trimethylbenzene
 Concen: 21.201 ug/l
 RT: 11.51 min Scan# 1792
 Delta R.T. -0.00 min
 Lab File: VX001146.D
 Acq: 26 Apr 2018 23:54

Tgt Ion: 105 Resp: 230658
 Ion Ratio Lower Upper
 105 100
 120 49.2 24.6 74.0





#81

trans-1,4-Dichloro-2-butene

Concen: 17.579 ug/l

RT: 11.08 min Scan# 1721

Delta R.T. 0.00 min

Lab File: VX001146.D

Acq: 26 Apr 2018 23:54

Instrument :

MSVOA_X

ClientSampleId :

VX0426WBSD02

Tot Ion: 75 Resp: 17487

Ion Ratio Lower Upper

75 100

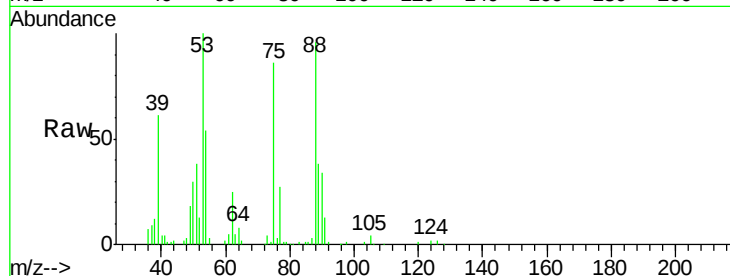
53 124.1 87.9 131.9

89 47.7 37.7 56.5

Manual Integrations
APPROVED

MMDadoda

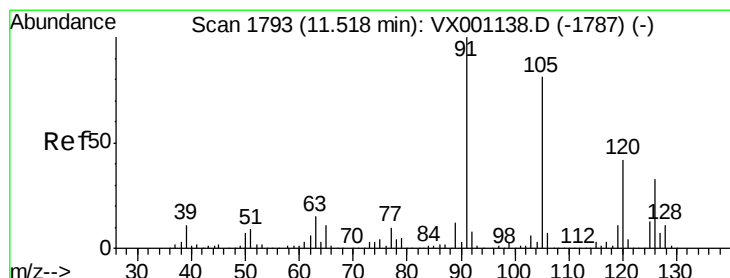
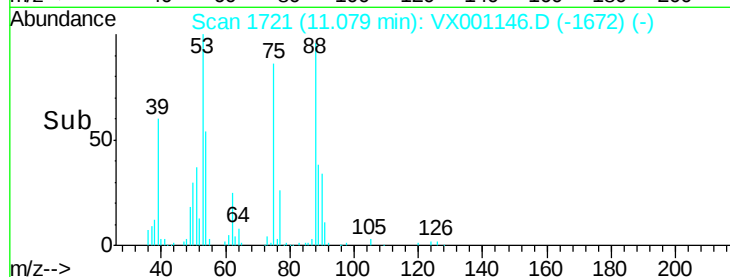
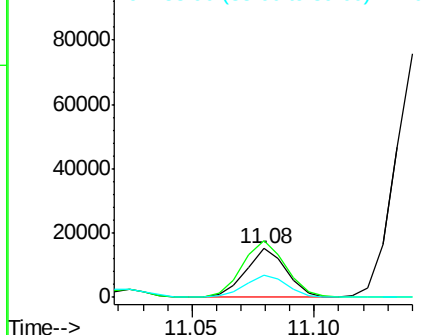
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Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 20.626 ug/l

RT: 11.52 min Scan# 1793

Delta R.T. -0.00 min

Lab File: VX001146.D

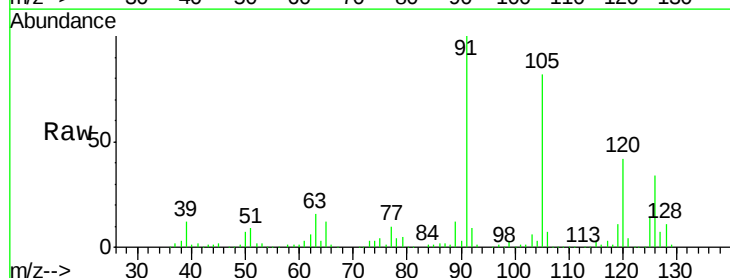
Acq: 26 Apr 2018 23:54

Tgt Ion: 91 Resp: 217757

Ion Ratio Lower Upper

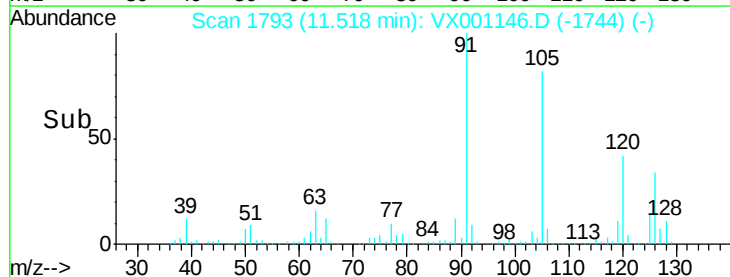
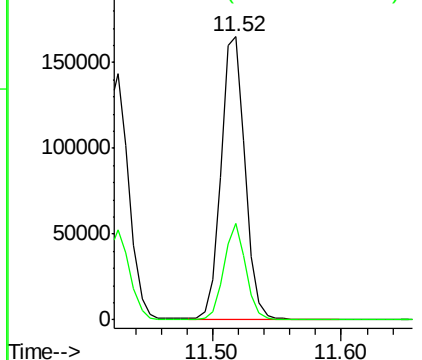
91 100

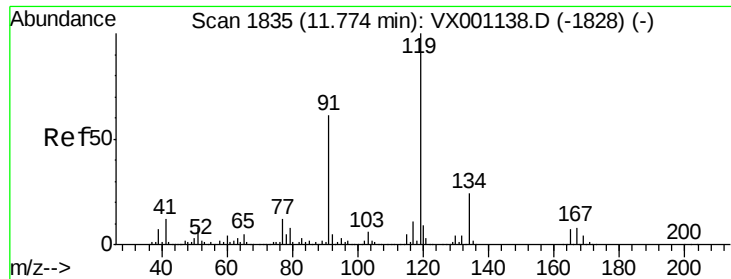
126 31.1 15.8 47.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V





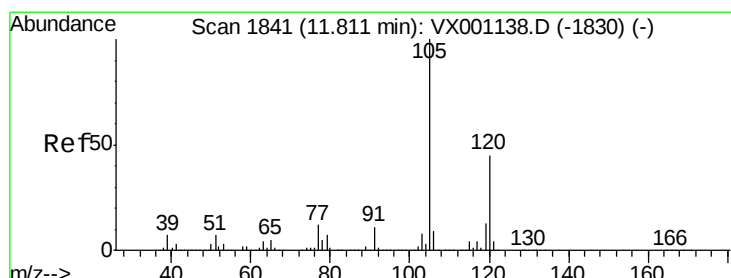
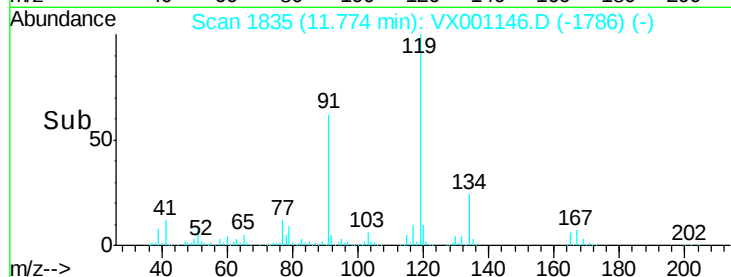
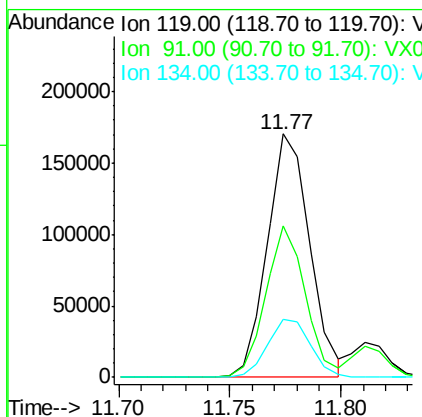
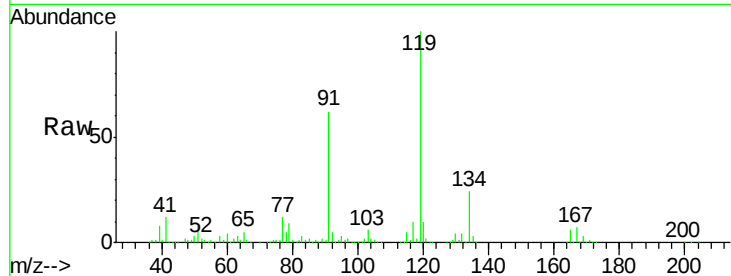
#83
tert-Butylbenzene
Concen: 20.743 ug/l
RT: 11.77 min Scan# 1835
Delta R.T. -0.00 min
Lab File: VX001146.D
Acq: 26 Apr 2018 23:54

Instrument :
MSVOA_X
ClientSampleId :
VX0426WBSD02

Tot Ion	Ratio	Resp	Lower	Upper
119	100	225216		
91	58.1		27.6	82.8
134	24.3		11.5	34.5

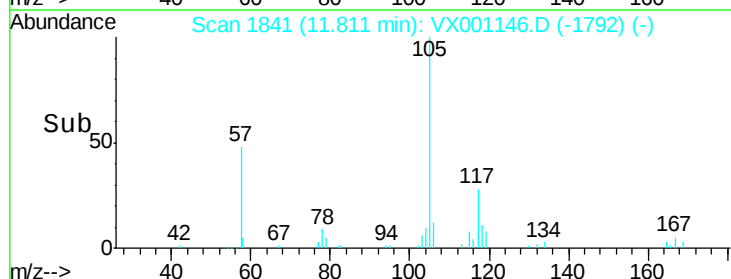
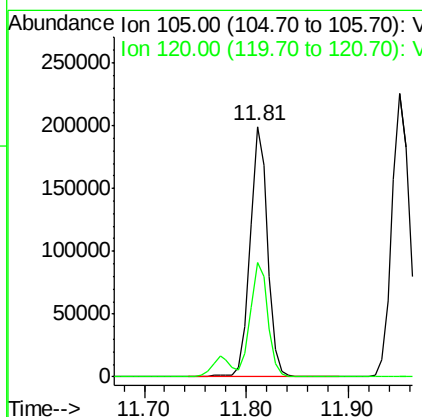
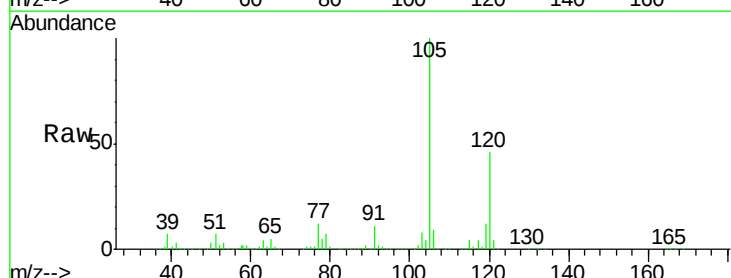
Manual Integrations
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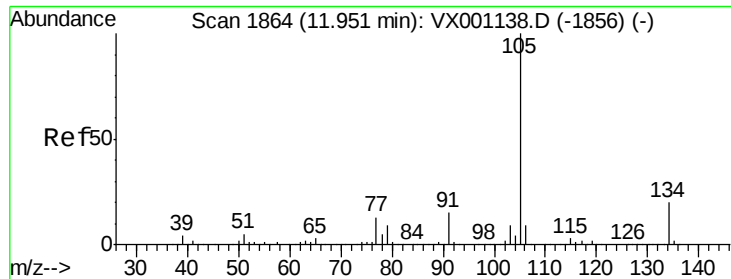
MMDadoda
4/30/2018 6:03:30 PM



#84
1,2,4-Trimethylbenzene
Concen: 21.263 ug/l
RT: 11.81 min Scan# 1841
Delta R.T. -0.00 min
Lab File: VX001146.D
Acq: 26 Apr 2018 23:54

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	237773		
120	45.8		22.4	67.3





#85

sec-Butylbenzene

Concen: 21.554 ug/l

RT: 11.95 min Scan# 1864

Delta R.T. -0.00 min

Lab File: VX001146.D

Acq: 26 Apr 2018 23:54

Instrument :

MSVOA_X

ClientSampleId :

VX0426WBSD02

Tot Ion:105 Resp: 273375

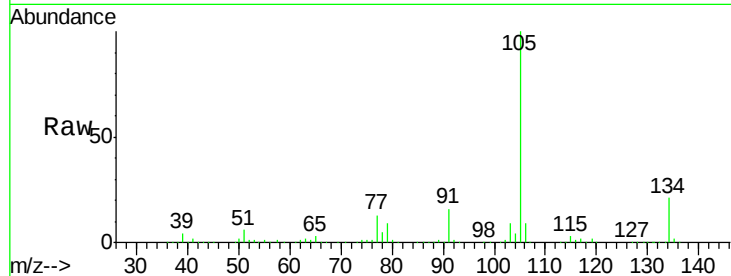
Ion Ratio Lower Upper

105 100

134 20.9 10.5 31.5

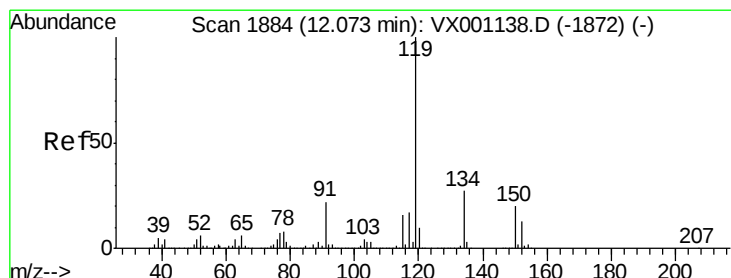
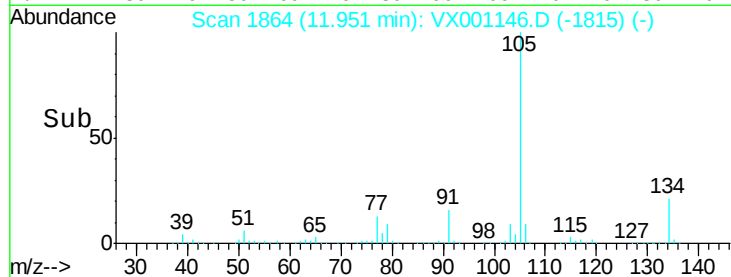
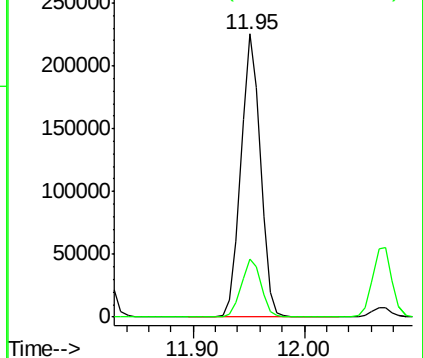
Manual Integrations
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 21.330 ug/l

RT: 12.07 min Scan# 1883

Delta R.T. -0.01 min

Lab File: VX001146.D

Acq: 26 Apr 2018 23:54

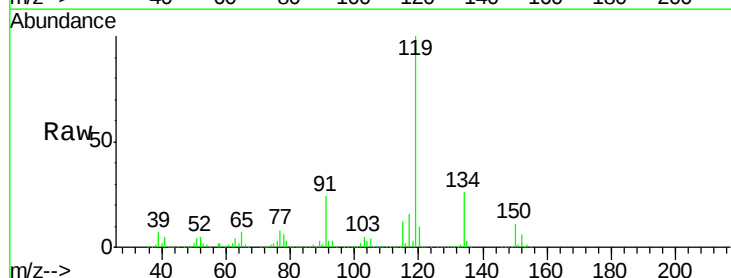
Tgt Ion:119 Resp: 251659

Ion Ratio Lower Upper

119 100

134 27.0 13.4 40.1

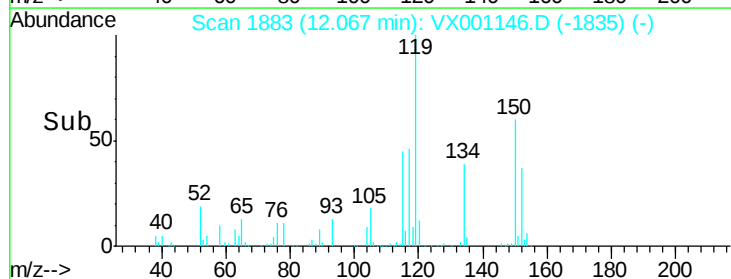
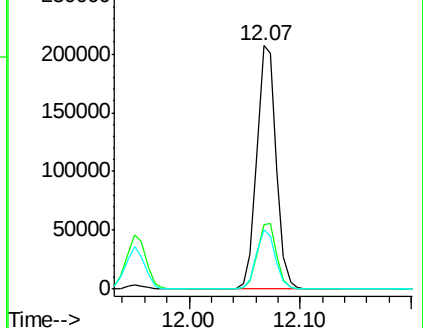
91 24.0 11.6 34.8

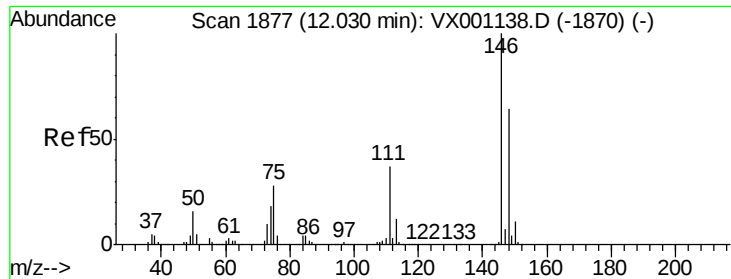


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





#87

1,3-Dichlorobenzene

Concen: 20.535 ug/l

RT: 12.03 min Scan# 1877

Delta R.T. -0.00 min

Lab File: VX001146.D

Acq: 26 Apr 2018 23:54

Instrument :

MSVOA_X

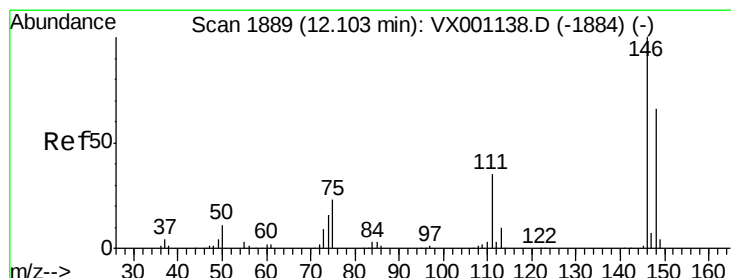
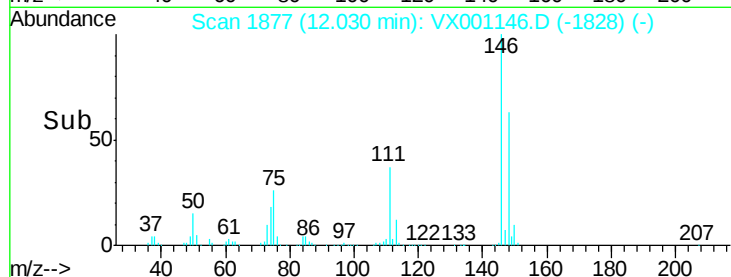
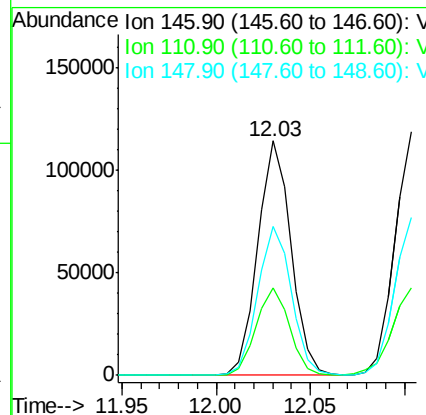
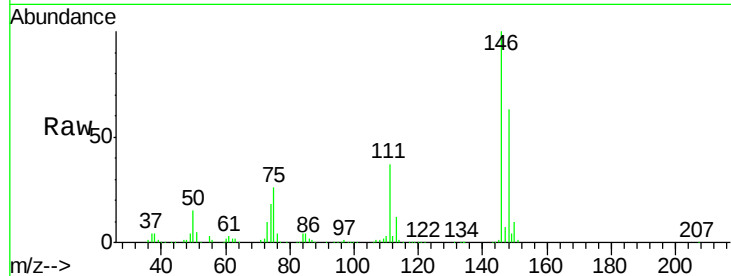
ClientSampleId :

VX0426WBSD02

Tot Ion:	146	Resp:	140484
Ion Ratio	Lower	Upper	
146	100		
111	37.3	18.6	56.0
148	64.3	32.3	96.8

Manual Integrations
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#88

1,4-Dichlorobenzene

Concen: 20.030 ug/l

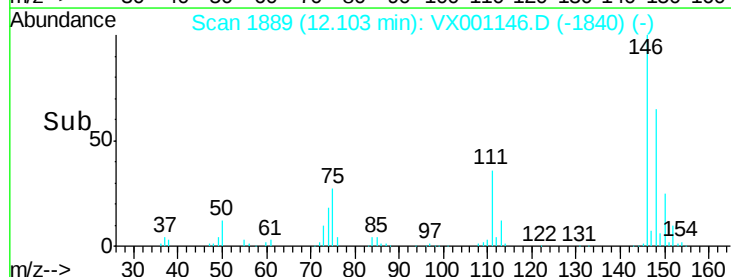
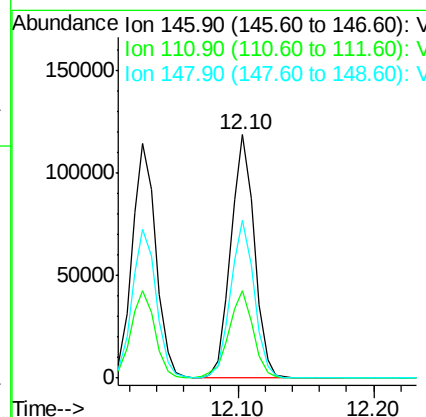
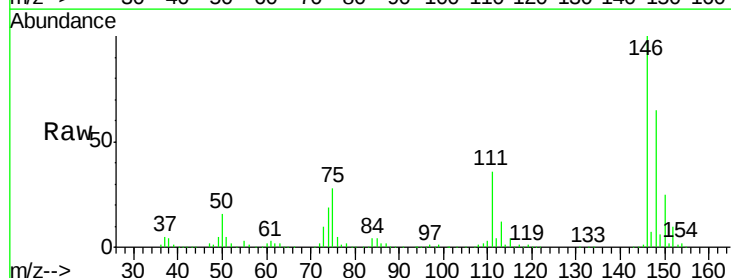
RT: 12.10 min Scan# 1889

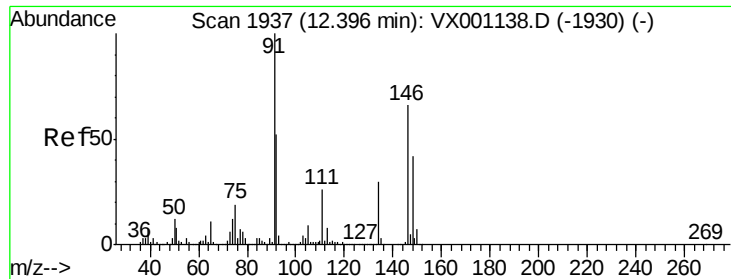
Delta R.T. -0.00 min

Lab File: VX001146.D

Acq: 26 Apr 2018 23:54

Tgt Ion:	146	Resp:	142770
Ion Ratio	Lower	Upper	
146	100		
111	37.4	18.0	54.0
148	65.1	32.5	97.5





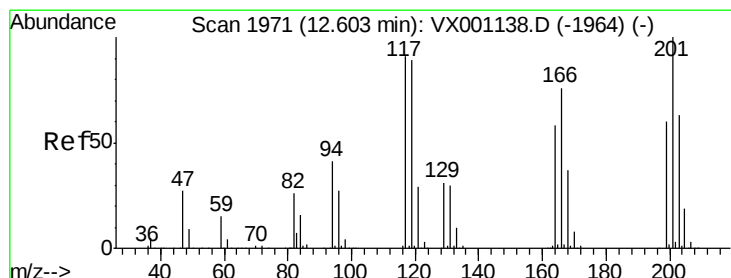
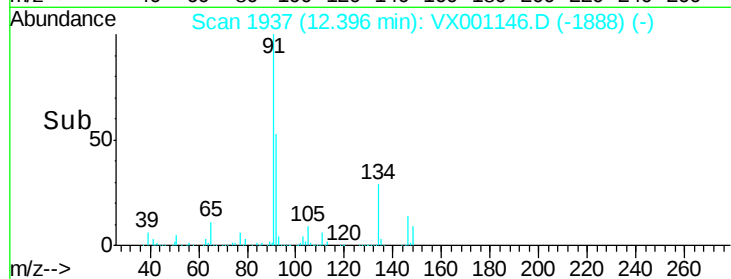
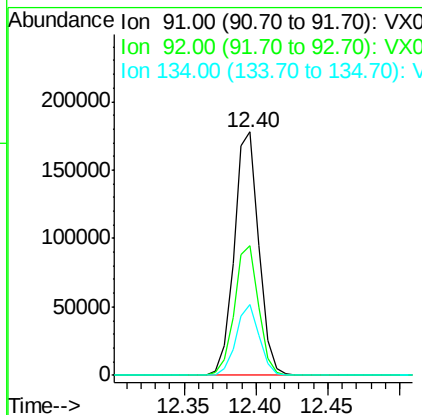
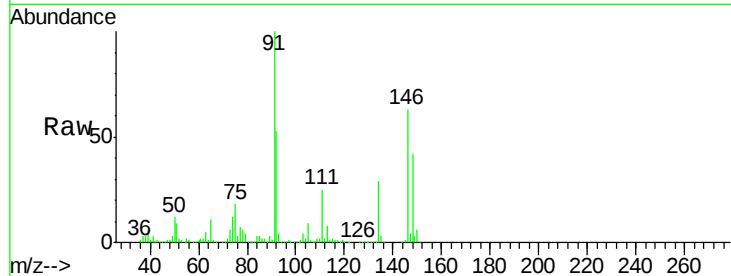
#89
n-Butylbenzene
Concen: 20.755 ug/l
RT: 12.40 min Scan# 1937
Delta R.T. -0.00 min
Lab File: VX001146.D
Acq: 26 Apr 2018 23:54

Instrument :
MSVOA_X
ClientSampleId :
VX0426WBSD02

Tot Ion	Ratio	Lower	Upper
91	100		
92	52.6	26.2	78.6
134	27.8	14.1	42.3

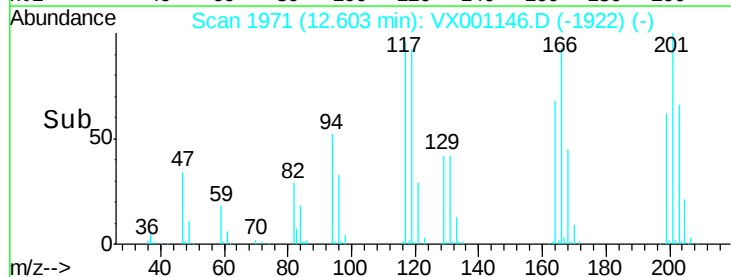
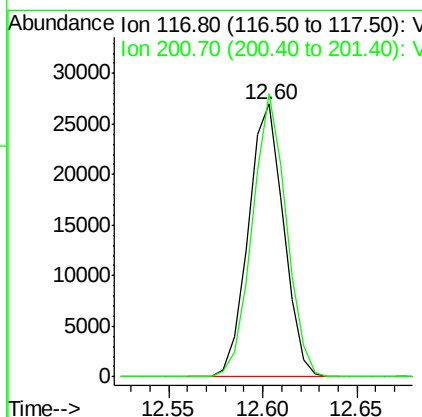
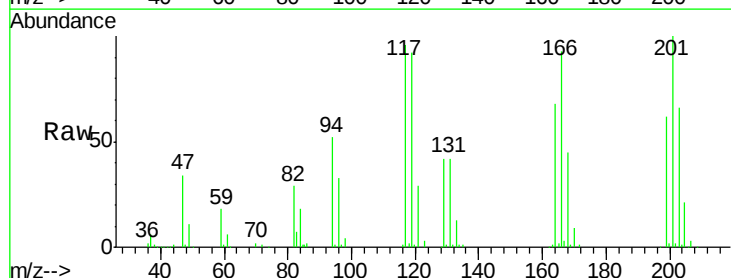
Manual Integrations
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#90
Hexachloroethane
Concen: 20.463 ug/l
RT: 12.60 min Scan# 1971
Delta R.T. 0.00 min
Lab File: VX001146.D
Acq: 26 Apr 2018 23:54

Tgt Ion	Ratio	Lower	Upper
117	100		
201	100.0	51.8	155.4





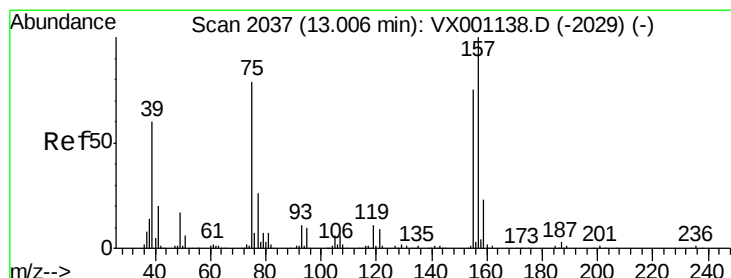
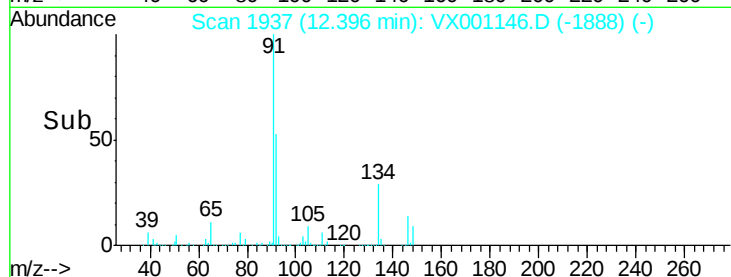
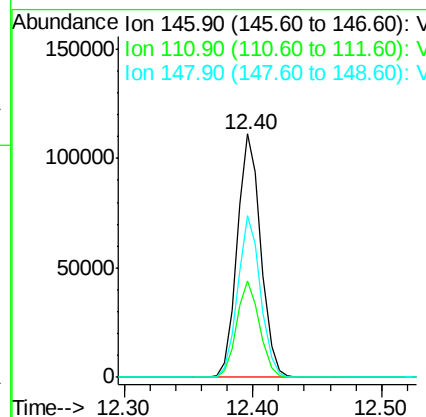
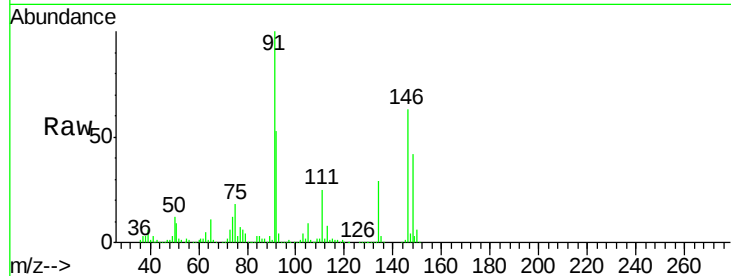
#91
 1,2-Dichlorobenzene
 Concen: 20.479 ug/l
 RT: 12.40 min Scan# 1937
 Delta R.T. -0.00 min
 Lab File: VX001146.D
 Acq: 26 Apr 2018 23:54

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0426WBSD02

Tot Ion	Ratio	Resp	Lower	Upper
146	100	141601		
111	38.5	19.1	57.3	
148	64.3	32.2	96.6	

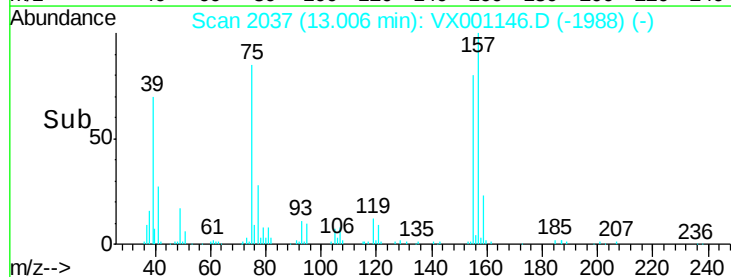
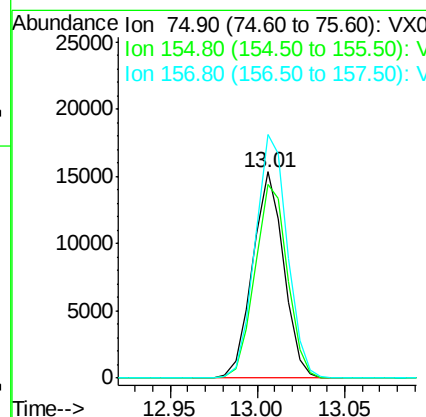
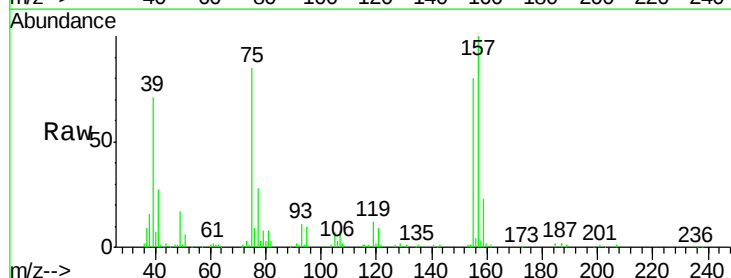
Manual Integrations
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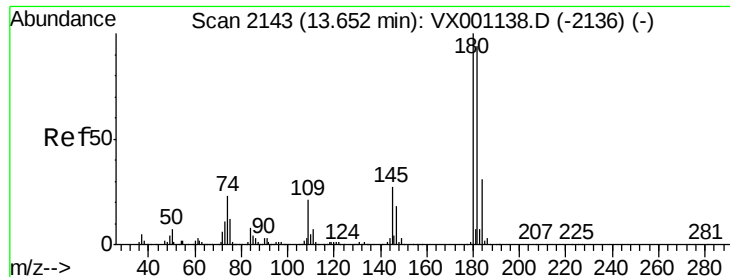
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 20.126 ug/l
 RT: 13.01 min Scan# 2037
 Delta R.T. -0.00 min
 Lab File: VX001146.D
 Acq: 26 Apr 2018 23:54

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	18937		
155	98.0	48.4	145.3	
157	122.1	62.7	188.1	





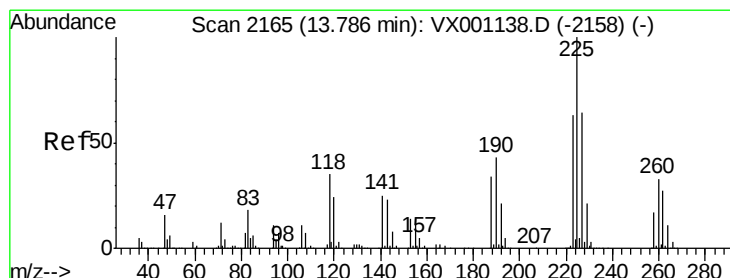
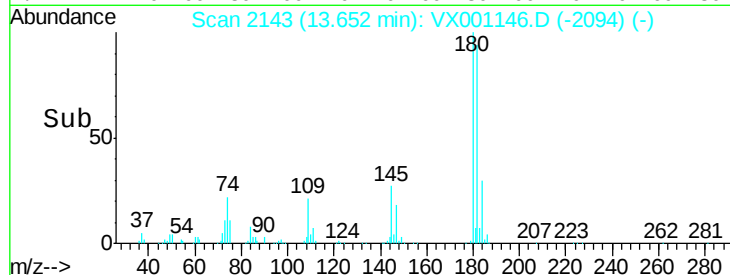
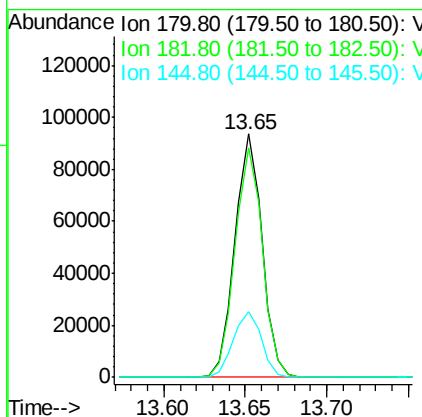
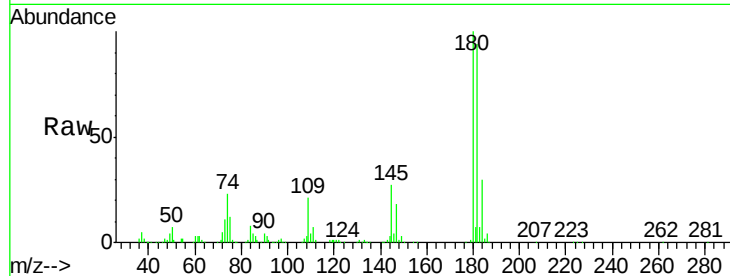
#93
 1,2,4-Trichlorobenzene
 Concen: 20.024 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. -0.00 min
 Lab File: VX001146.D
 Acq: 26 Apr 2018 23:54

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0426WBSD02

Tot Ion	Ratio	Resp	Lower	Upper
180	100			
182	95.4	47.9	143.6	
145	28.0	13.8	41.4	

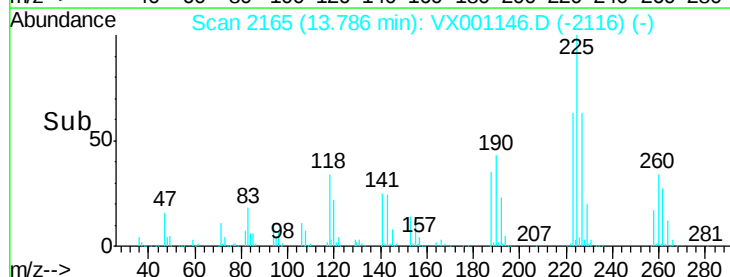
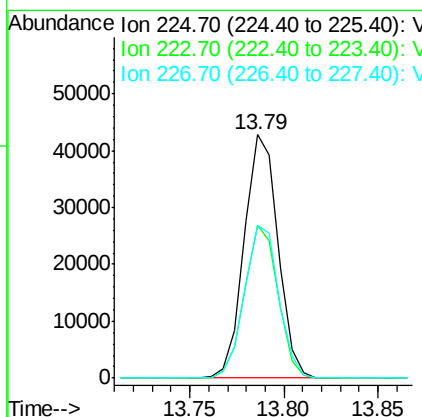
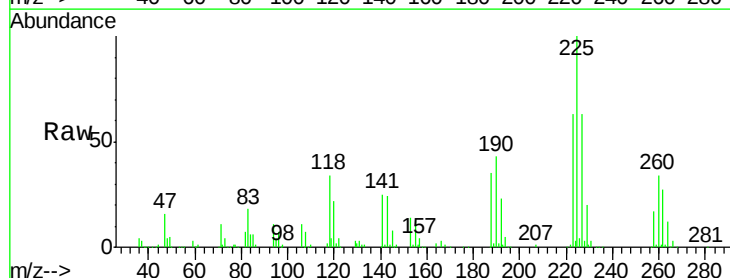
Manual Integrations
 APPROVED

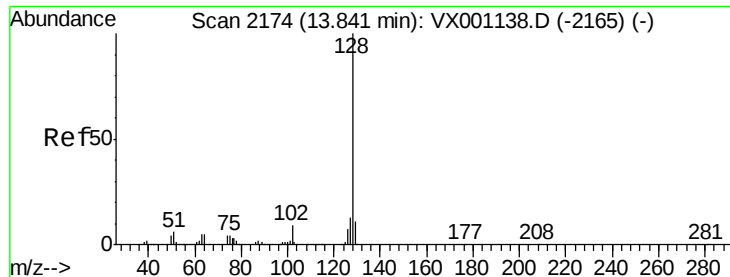
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#94
 Hexachlorobutadiene
 Concen: 20.889 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. -0.00 min
 Lab File: VX001146.D
 Acq: 26 Apr 2018 23:54

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	62.1	31.3	93.9	
227	63.6	32.2	96.6	





#95

Naphthalene

Concen: 20.619 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. -0.00 min

Lab File: VX001146.D

Acq: 26 Apr 2018 23:54

Instrument :

MSVOA_X

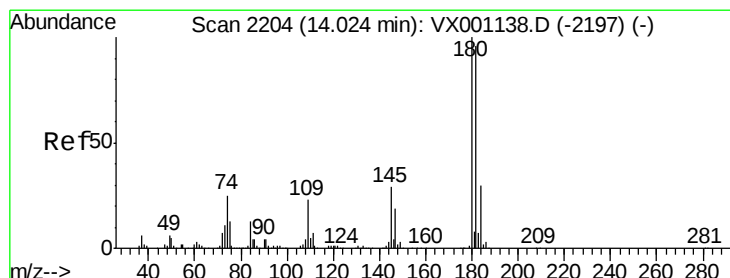
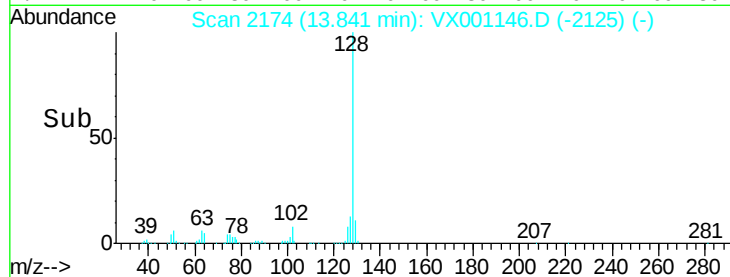
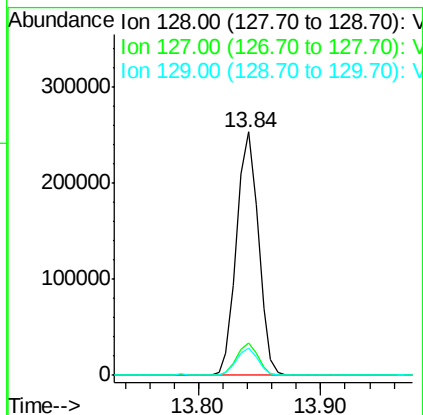
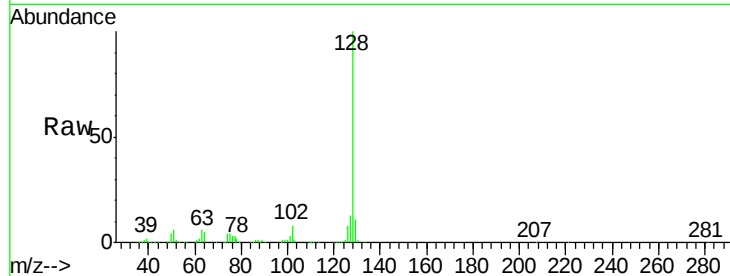
ClientSampleId :

VX0426WBSD02

Tot Ion:	128	Resp:	311396
Ion Ratio	Lower	Upper	
128	100		
127	12.9	10.6	15.8
129	10.8	8.8	13.2

Manual Integrations
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#96

1,2,3-Trichlorobenzene

Concen: 20.670 ug/l

RT: 14.02 min Scan# 2204

Delta R.T. -0.00 min

Lab File: VX001146.D

Acq: 26 Apr 2018 23:54

Tgt Ion:	180	Resp:	111495
Ion Ratio	Lower	Upper	
180	100		
182	94.2	48.2	144.6
145	28.6	14.5	43.5

