

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062818\
 Data File : VX003010.D
 Acq On : 29 Jun 2018 03:10
 Operator : JC/MD
 Sample : VX0628WBSD03
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0628WBSD03

Manual Integrations
 APPROVED

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 6/29/2018 12:22:55 PM

Quant Time: Jun 29 08:07:52 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X062518W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 25 14:38:05 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	276392	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	385860	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	365868	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	220918	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	191270	50.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.14%	
35) Dibromofluoromethane	5.51	113	154234	50.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.94%	
50) Toluene-d8	8.72	98	555976	49.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.66%	
62) 4-Bromofluorobenzene	11.14	95	208551	48.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.92%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	64267	25.90	ug/l	98
3) Chloromethane	1.32	50	60879	23.12	ug/l	97
4) Vinyl Chloride	1.40	62	66154	21.16	ug/l	92
5) Bromomethane	1.64	94	30423	19.17	ug/l	95
6) Chloroethane	1.72	64	42235	21.84	ug/l	99
7) Trichlorofluoromethane	1.93	101	106737	20.24	ug/l	97
8) Diethyl Ether	2.19	74	37867	19.76	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.39	101	58871	19.27	ug/l	99
10) Methyl Iodide	2.51	142	48954	20.06	ug/l	99
11) Tert butyl alcohol	3.07	59	76063	99.95	ug/l	99
12) 1,1-Dichloroethene	2.37	96	53809	19.74	ug/l	97
13) Acrolein	2.29	56	38632	94.24	ug/l	96
14) Allyl chloride	2.73	41	104453	19.44	ug/l	97
15) Acrylonitrile	3.15	53	161573	99.40	ug/l	99
16) Acetone	2.45	43	147790	93.41	ug/l	97
17) Carbon Disulfide	2.57	76	155431	21.40	ug/l	99
18) Methyl Acetate	2.78	43	78035	17.64	ug/l	96
19) Methyl tert-butyl Ether	3.21	73	192097	19.60	ug/l	99
20) Methylene Chloride	2.86	84	61161	19.87	ug/l	96
21) trans-1,2-Dichloroethene	3.17	96	58705	19.77	ug/l	96
22) Diisopropyl ether	3.88	45	210505	20.50	ug/l	97
23) Vinyl Acetate	3.83	43	893843	102.77	ug/l	99
24) 1,1-Dichloroethane	3.70	63	111967	20.06	ug/l	98
25) 2-Butanone	4.71	43	238134	101.42	ug/l	98
26) 2,2-Dichloropropane	4.59	77	61846	13.62	ug/l	94
27) cis-1,2-Dichloroethene	4.60	96	67887	20.39	ug/l	98
28) Bromochloromethane	5.02	49	53859	20.16	ug/l	94
29) Tetrahydrofuran	5.17	42	152311	101.16	ug/l	97
30) Chloroform	5.22	83	116141	20.27	ug/l	99
31) Cyclohexane	5.57	56	96920	20.23	ug/l	98
32) 1,1,1-Trichloroethane	5.50	97	103850	20.60	ug/l	99
36) 1,1-Dichloropropene	5.80	75	83338	19.69	ug/l	98
37) Ethyl Acetate	4.86	43	92906	20.39	ug/l	98
38) Carbon Tetrachloride	5.79	117	92982	20.02	ug/l	98

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 6/29/2018 12:22:55 PM

Quant Time: Jun 29 08:07:52 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X062518W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 25 14:38:05 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	91379	18.54	ug/l	98
40) Benzene	6.15	78	250784	20.40	ug/l	99
41) Methacrylonitrile	5.07	41	52954	20.18	ug/l	98
42) 1,2-Dichloroethane	6.20	62	98508	19.83	ug/l	99
43) Isopropyl Acetate	6.47	43	149699	19.59	ug/l	99
44) Trichloroethene	7.21	130	72847	19.87	ug/l	100
45) 1,2-Dichloropropane	7.52	63	65390	20.05	ug/l	99
46) Dibromomethane	7.67	93	45388	20.05	ug/l	97
47) Bromodichloromethane	7.90	83	83919	20.06	ug/l	98
48) Methyl methacrylate	7.78	41	76494	19.43	ug/l	96
49) 1,4-Dioxane	7.76	88	30451	397.54	ug/l	99
51) 4-Methyl-2-Pentanone	8.65	43	482306	100.89	ug/l	98
52) Toluene	8.79	92	162508	20.63	ug/l	98
53) t-1,3-Dichloropropene	8.44	75	89499	18.89	ug/l	99
54) cis-1,3-Dichloropropene	9.05	75	82070	18.00	ug/l	96
55) 1,1,2-Trichloroethane	9.22	97	65420	20.21	ug/l	98
56) Ethyl methacrylate	9.18	69	97272	20.56	ug/l	96
57) 1,3-Dichloropropane	9.38	76	108437	20.40	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.32	63	237427	104.04	ug/l	98
59) 2-Hexanone	9.50	43	365024	100.47	ug/l	98
60) Dibromochloromethane	9.59	129	67742	19.88	ug/l	100
61) 1,2-Dibromoethane	9.68	107	68395	20.15	ug/l	98
64) Tetrachloroethene	9.34	164	81614	20.06	ug/l	98
65) Chlorobenzene	10.14	112	186105	20.03	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	68219	20.21	ug/l	99
67) Ethyl Benzene	10.26	91	308945	20.13	ug/l	99
68) m/p-Xylenes	10.36	106	240769	40.70	ug/l	98
69) o-Xylene	10.70	106	116500	20.22	ug/l	99
70) Styrene	10.71	104	194627	20.79	ug/l	99
71) Bromoform	10.86	173	51690	19.53	ug/l #	98
73) Isopropylbenzene	11.02	105	309944	20.86	ug/l	100
74) N-amyl acetate	6.47	43	149699	20.59	ug/l #	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	97363	21.27	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	83186m	20.79	ug/l	
77) Bromobenzene	11.26	156	87895	20.77	ug/l	97
78) n-propylbenzene	11.37	91	343521	20.31	ug/l	99
79) 2-Chlorotoluene	11.43	91	212948	20.79	ug/l	98
80) 1,3,5-Trimethylbenzene	11.51	105	256015	20.45	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	19731	16.71	ug/l	91
82) 4-Chlorotoluene	11.51	91	245478	20.25	ug/l	99
83) tert-Butylbenzene	11.77	119	248691	20.16	ug/l	97
84) 1,2,4-Trimethylbenzene	11.81	105	265374	20.46	ug/l	99
85) sec-Butylbenzene	11.95	105	296172	19.79	ug/l	100
86) p-Isopropyltoluene	12.07	119	264330	19.65	ug/l	100
87) 1,3-Dichlorobenzene	12.03	146	155567	20.13	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	157337	19.78	ug/l	99
89) n-Butylbenzene	12.39	91	215804	18.43	ug/l	100
90) Hexachloroethane	12.60	117	36063	18.02	ug/l	98
91) 1,2-Dichlorobenzene	12.40	146	156853	20.10	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	20202	19.63	ug/l	98

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ClientSampleId :
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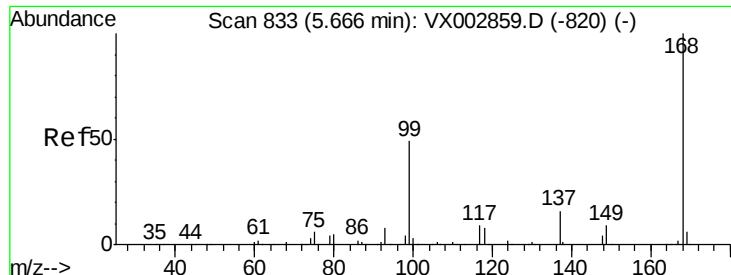
Manual Integrations
APPROVED

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6/29/2018 12:22:55 PM

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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X062518W.M
Quant Title : SW846 8260
QLast Update : Mon Jun 25 14:38:05 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	108276	19.07	ug/l	100
94) Hexachlorobutadiene	13.79	225	52874	18.67	ug/l	99
95) Naphthalene	13.84	128	314324	20.78	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	112155	19.78	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 833

Delta R.T. -0.00 min

Lab File: VX003010.D

Acq: 29 Jun 2018 03:10

Instrument :

MSVOA_X

ClientSampleId :

VX0628WBSD03

Tot Ion:168 Resp: 276392

Ion Ratio Lower Upper

168 100

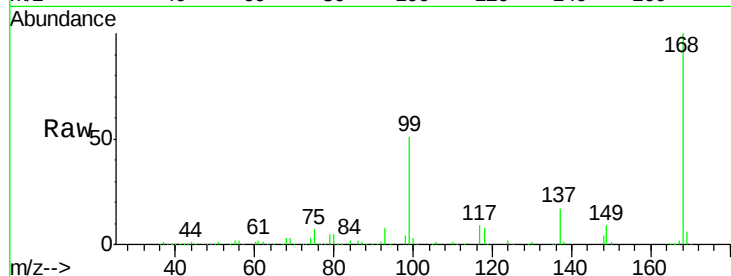
99 50.9 39.3 58.9

Manual Integrations

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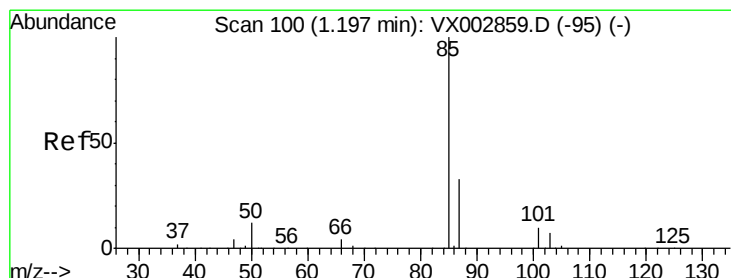
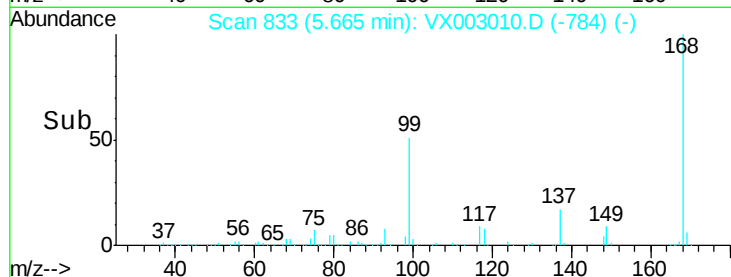
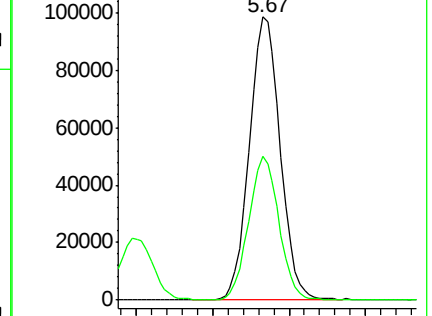
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 25.90 ug/l

RT: 1.20 min Scan# 100

Delta R.T. 0.00 min

Lab File: VX003010.D

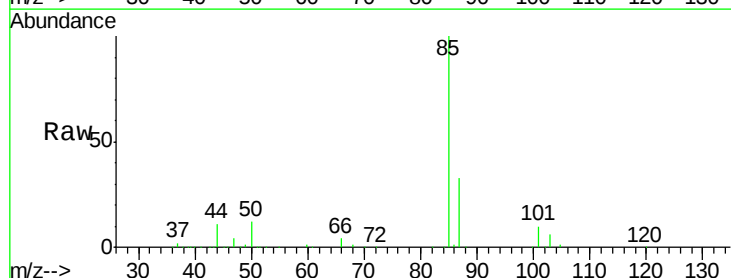
Acq: 29 Jun 2018 03:10

Tgt Ion: 85 Resp: 64267

Ion Ratio Lower Upper

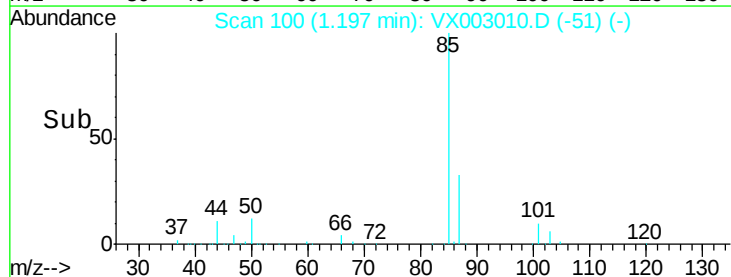
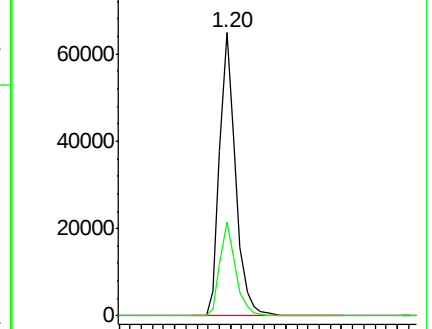
85 100

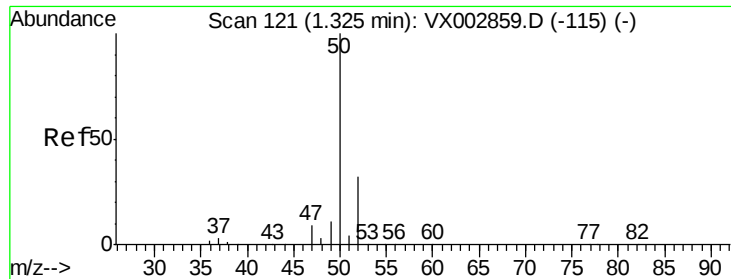
87 33.2 16.0 47.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 23.12 ug/l

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX003010.D

Acq: 29 Jun 2018 03:10

Instrument :

MSVOA_X

ClientSampleId :

VX0628WBSD03

Tot Ion: 50 Resp: 60879

Ion Ratio Lower Upper

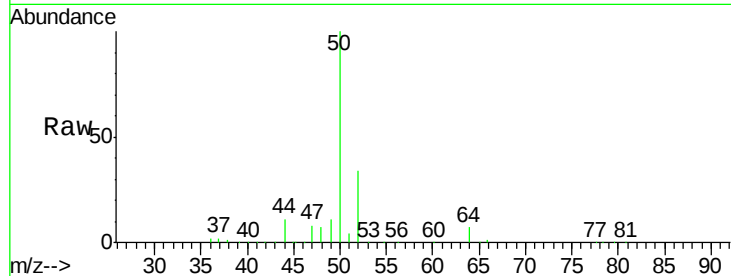
50 100

52 33.6 25.7 38.5

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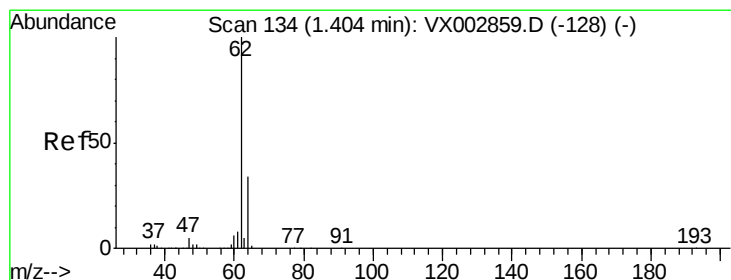
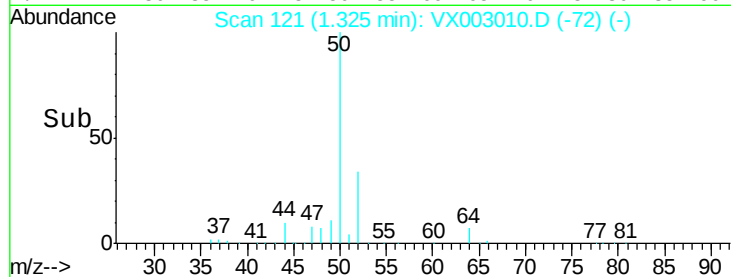
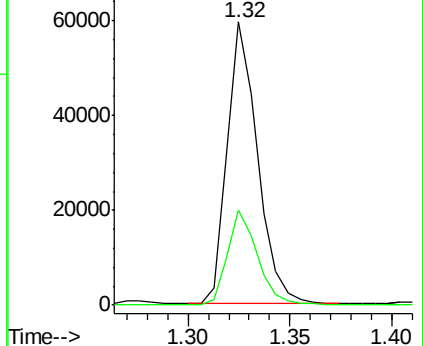
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Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 21.16 ug/l

RT: 1.40 min Scan# 134

Delta R.T. -0.00 min

Lab File: VX003010.D

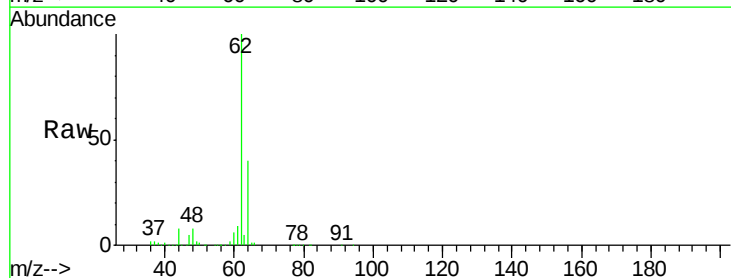
Acq: 29 Jun 2018 03:10

Tgt Ion: 62 Resp: 66154

Ion Ratio Lower Upper

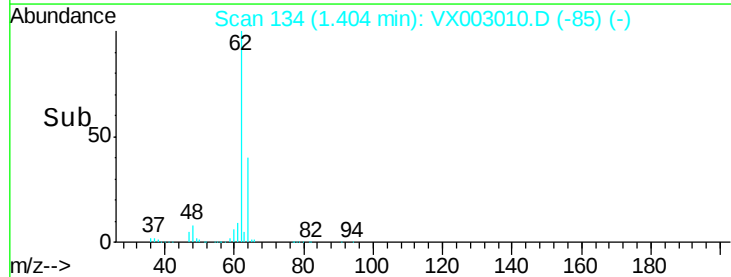
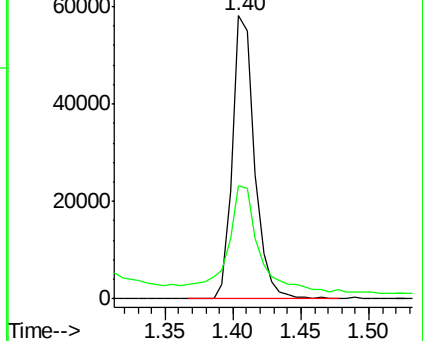
62 100

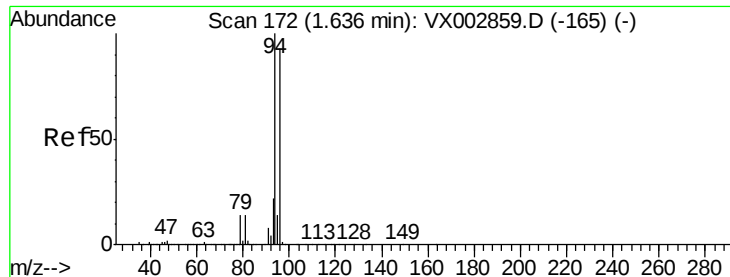
64 36.5 25.4 38.2



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 19.17 ug/l

RT: 1.64 min Scan# 172

Delta R.T. 0.00 min

Lab File: VX003010.D

Acq: 29 Jun 2018 03:10

Instrument :

MSVOA_X

ClientSampleId :

VX0628WBSD03

Tot Ion: 94 Resp: 30423

Ion Ratio Lower Upper

94 100

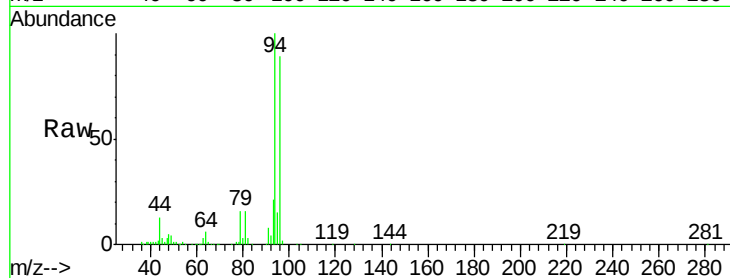
96 89.0 74.9 112.3

Manual Integrations

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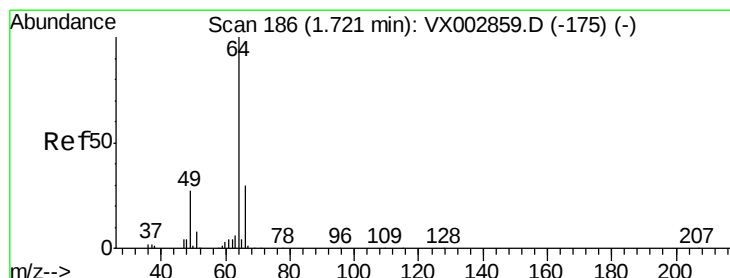
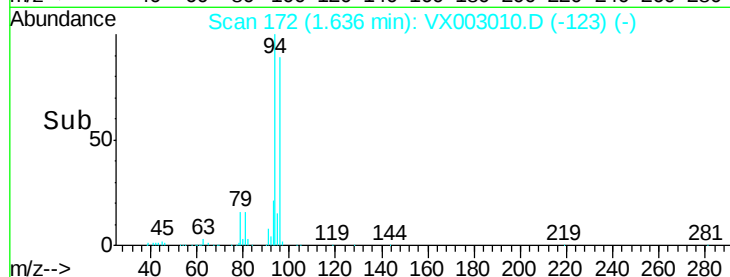


Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.64

Time-->



#6

Chloroethane

Concen: 21.84 ug/l

RT: 1.72 min Scan# 186

Delta R.T. 0.00 min

Lab File: VX003010.D

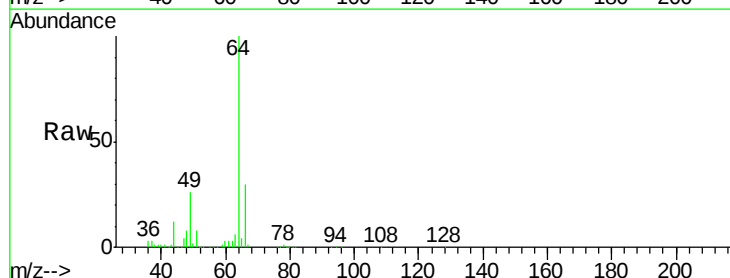
Acq: 29 Jun 2018 03:10

Tgt Ion: 64 Resp: 42235

Ion Ratio Lower Upper

64 100

66 31.5 25.5 38.3

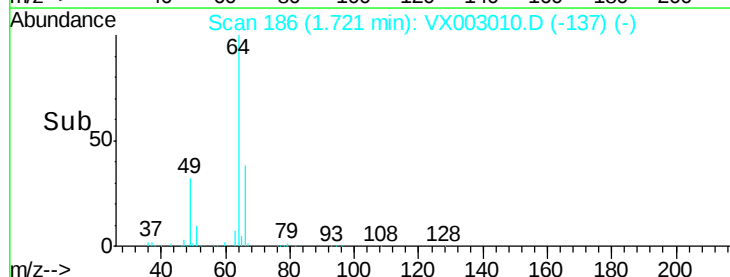


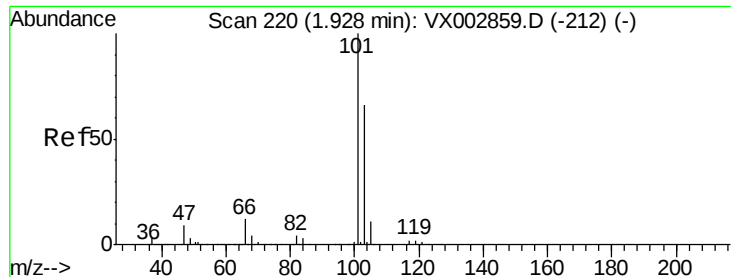
Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

1.72

Time-->





#7

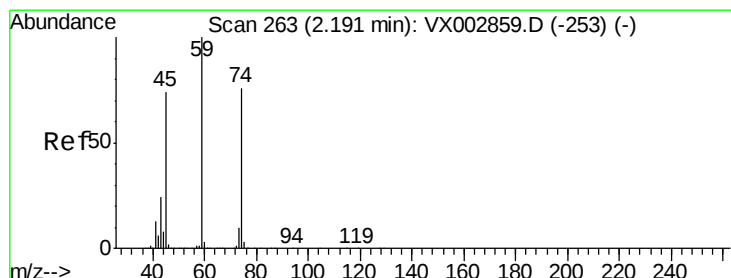
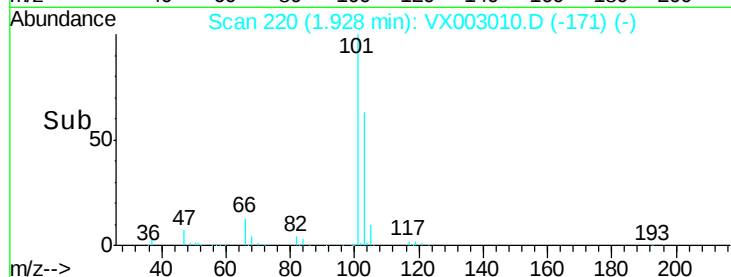
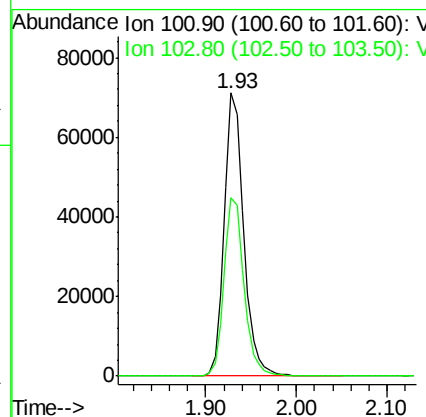
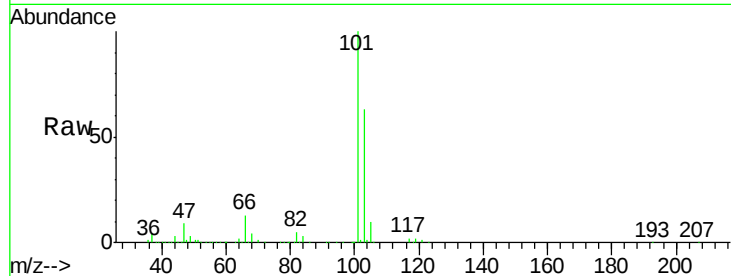
Trichlorofluoromethane
 Concen: 20.24 ug/l
 RT: 1.93 min Scan# 220
 Delta R.T. -0.00 min
 Lab File: VX003010.D
 Acq: 29 Jun 2018 03:10

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0628WBSD03

Tot Ion	Ratio	Lower	Upper
101	100		
103	63.2	52.8	79.2

Manual Integrations
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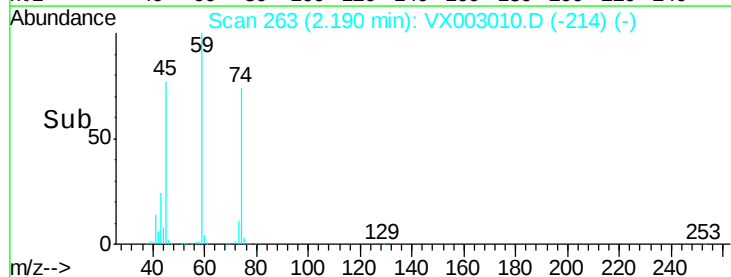
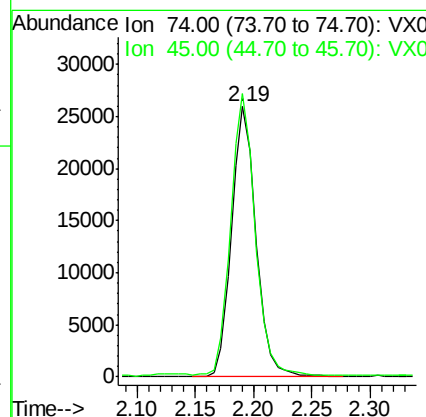
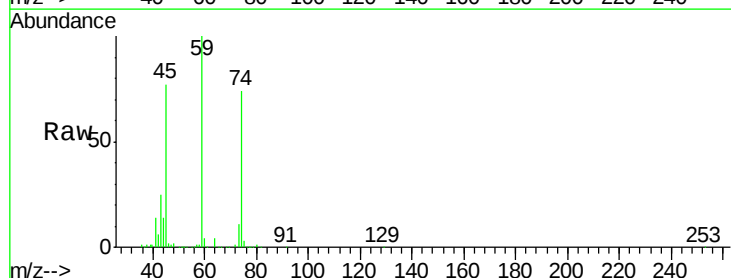
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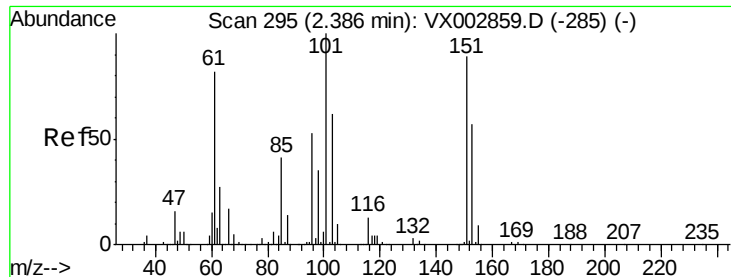


#8

Diethyl Ether
 Concen: 19.76 ug/l
 RT: 2.19 min Scan# 263
 Delta R.T. -0.00 min
 Lab File: VX003010.D
 Acq: 29 Jun 2018 03:10

Tgt Ion	Ratio	Lower	Upper
74	100		
45	104.0	53.1	159.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.27 ug/l

RT: 2.39 min Scan# 295

Delta R.T. -0.00 min

Lab File: VX003010.D

Acq: 29 Jun 2018 03:10

Instrument :

MSVOA_X

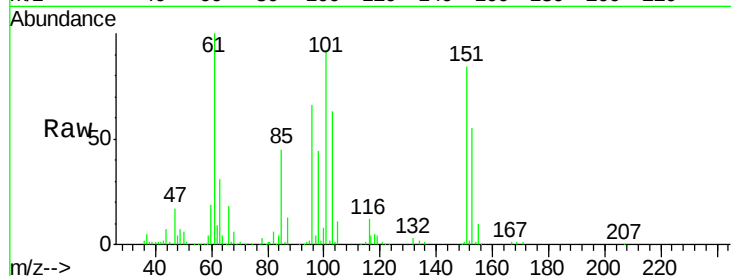
ClientSampleId :

VX0628WBSD03

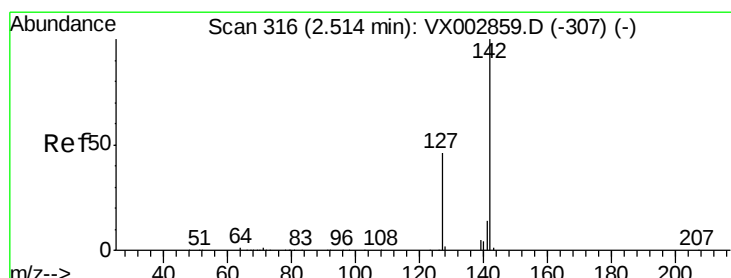
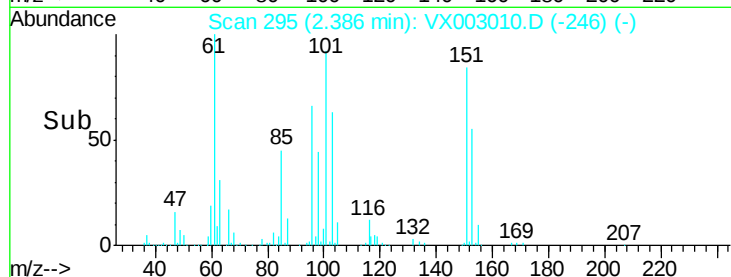
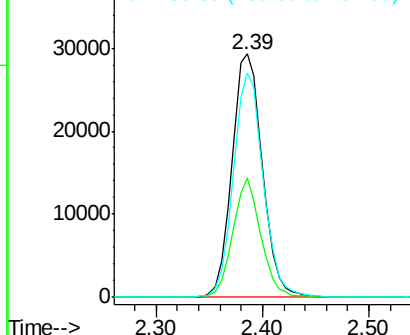
Tot Ion:	101	Resp:	58871
Ion Ratio	Lower	Upper	
101	100		
85	45.3	36.0	54.0
151	90.4	70.9	106.3

Manual Integrations
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Abundance Ion 100.90 (100.60 to 101.60): V
Ion 84.90 (84.60 to 85.60): VX
Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 20.06 ug/l

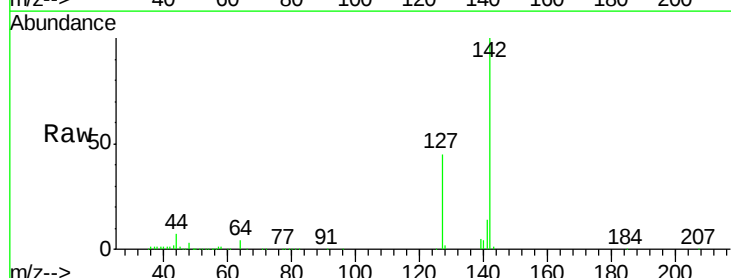
RT: 2.51 min Scan# 316

Delta R.T. 0.00 min

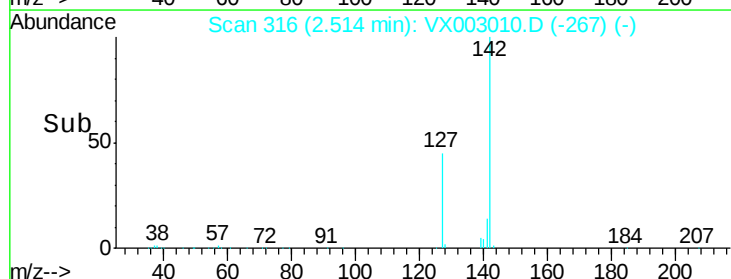
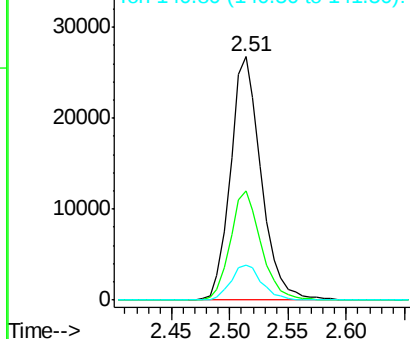
Lab File: VX003010.D

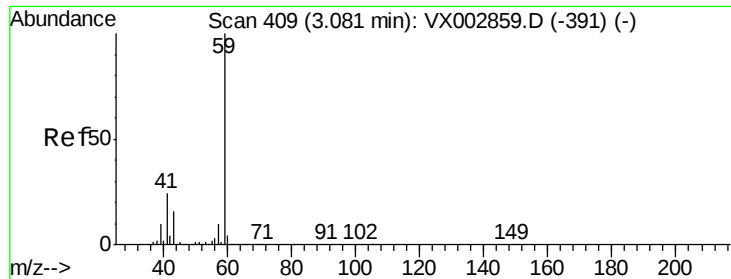
Acq: 29 Jun 2018 03:10

Tgt Ion:	142	Resp:	48954
Ion Ratio	Lower	Upper	
142	100		
127	45.2	36.6	55.0
141	14.9	11.3	16.9



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





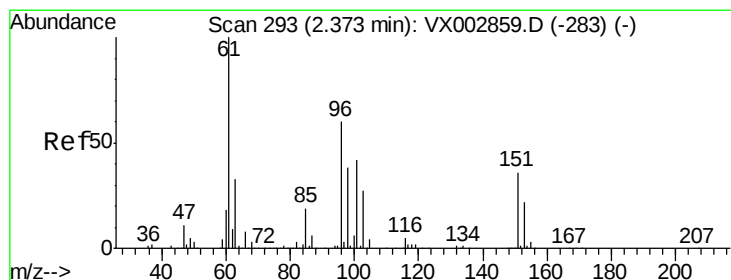
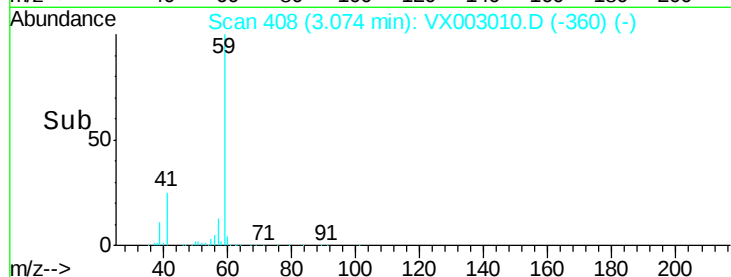
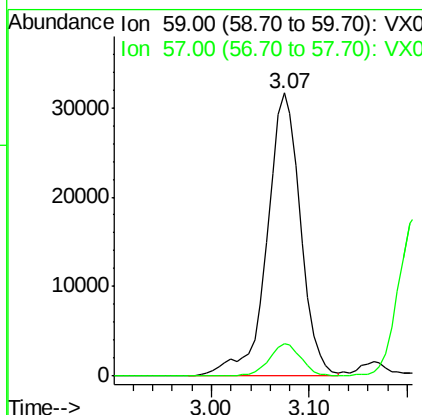
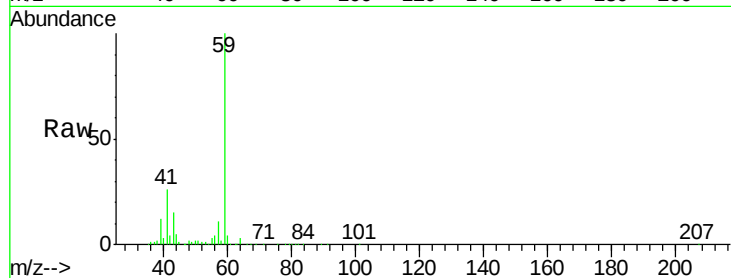
#11
Tert butyl alcohol
Concen: 99.95 ug/l
RT: 3.07 min Scan# 408
Delta R.T. -0.01 min
Lab File: VX003010.D
Acq: 29 Jun 2018 03:10

Instrument :
MSVOA_X
ClientSampleId :
VX0628WBSD03

Tot Ion: 59 Resp: 76063
Ion Ratio Lower Upper
59 100
57 10.6 8.2 12.2

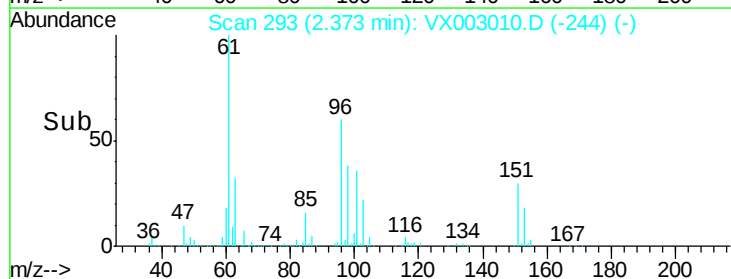
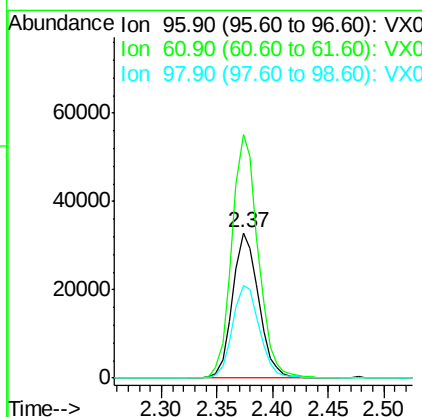
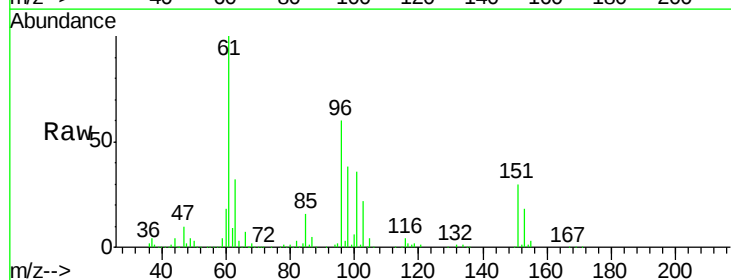
Manual Integrations
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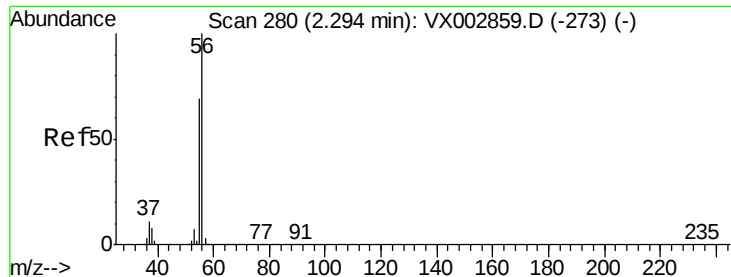
MMDadoda
6/29/2018 12:22:55 PM



#12
1,1-Dichloroethene
Concen: 19.74 ug/l
RT: 2.37 min Scan# 293
Delta R.T. -0.00 min
Lab File: VX003010.D
Acq: 29 Jun 2018 03:10

Tgt Ion: 96 Resp: 53809
Ion Ratio Lower Upper
96 100
61 167.4 137.9 206.9
98 63.8 51.6 77.4





#13

Acrolein

Concen: 94.24 ug/l

RT: 2.29 min Scan# 280

Delta R.T. 0.00 min

Lab File: VX003010.D

Acq: 29 Jun 2018 03:10

Instrument :

MSVOA_X

ClientSampleId :

VX0628WBSD03

Tot Ion: 56 Resp: 38632

Ion Ratio Lower Upper

56 100

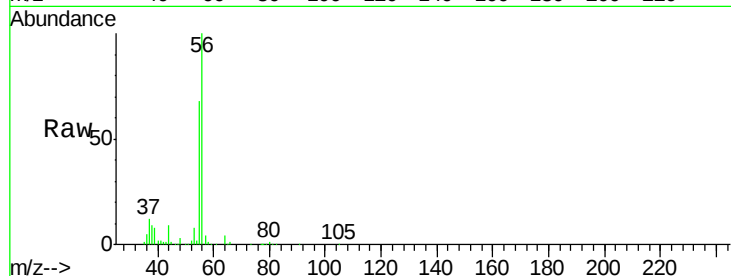
55 74.3 57.0 85.4

Manual Integrations

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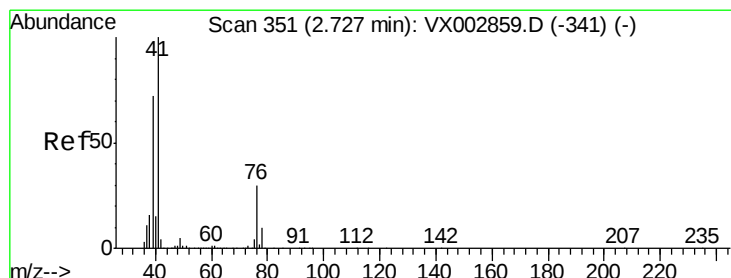
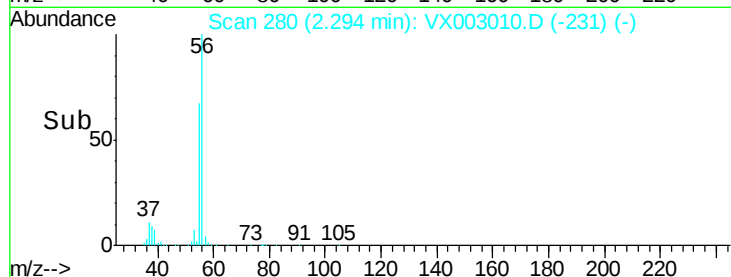
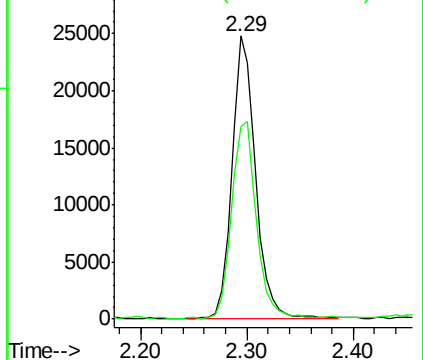
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Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Allyl chloride

Concen: 19.44 ug/l

RT: 2.73 min Scan# 351

Delta R.T. -0.00 min

Lab File: VX003010.D

Acq: 29 Jun 2018 03:10

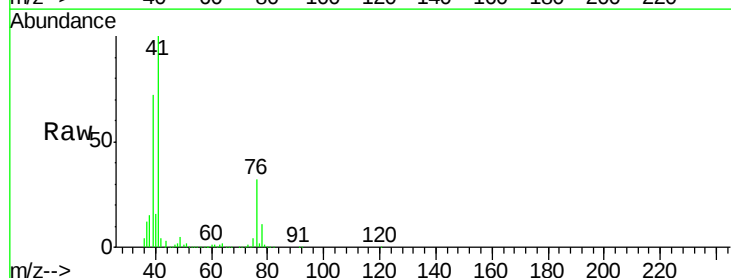
Tgt Ion: 41 Resp: 104453

Ion Ratio Lower Upper

41 100

39 67.9 56.8 85.2

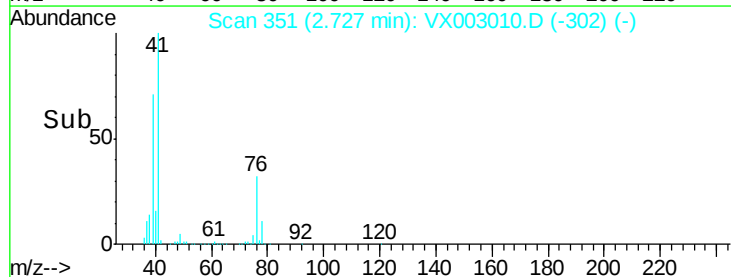
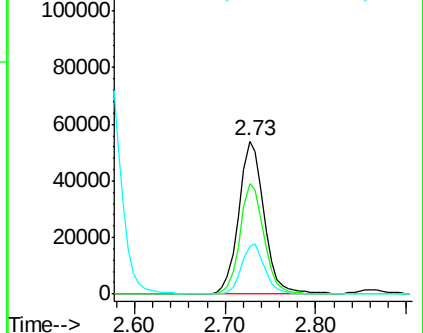
76 30.2 23.8 35.8

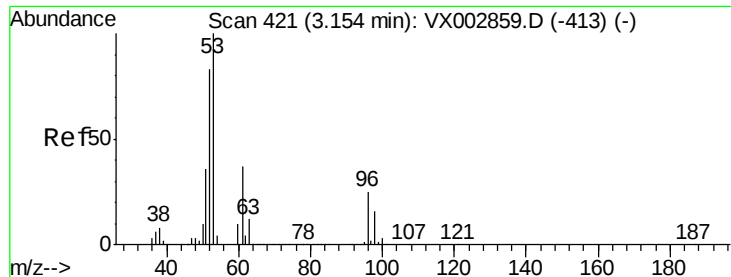


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0





#15

Acrylonitrile

Concen: 99.40 ug/l

RT: 3.15 min Scan# 421

Delta R.T. -0.00 min

Lab File: VX003010.D

Acq: 29 Jun 2018 03:10

Instrument :

MSVOA_X

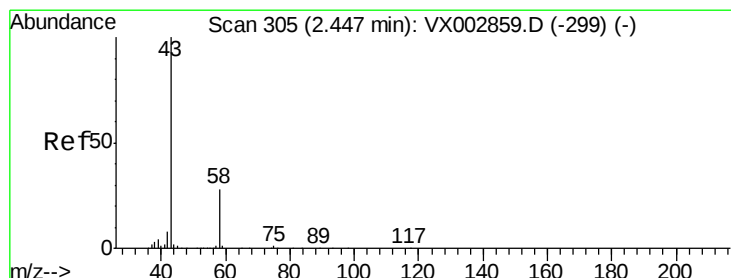
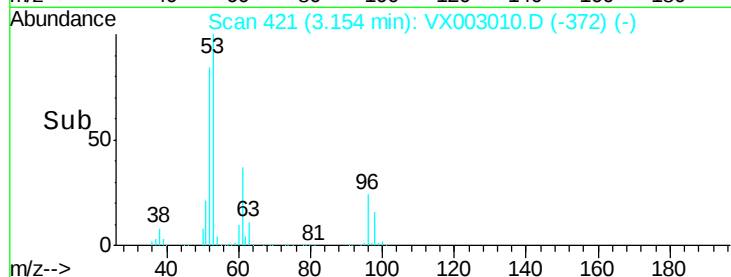
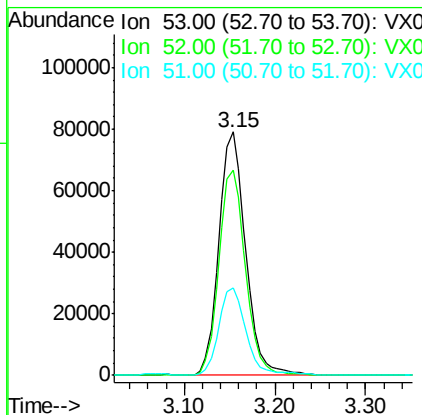
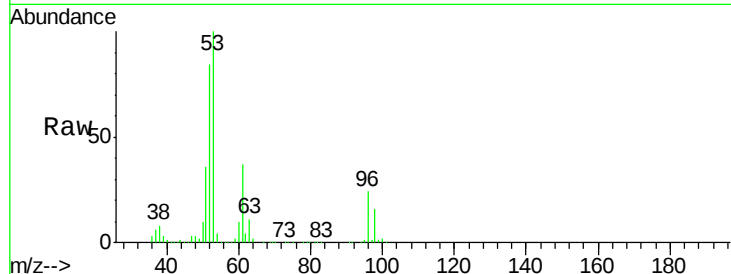
ClientSampleId :

VX0628WBSD03

Tot Ion:	53	Resp:	161573
Ion	Ratio	Lower	Upper
53	100		
52	84.0	66.7	100.1
51	36.8	29.9	44.9

Manual Integrations
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#16

Acetone

Concen: 93.41 ug/l

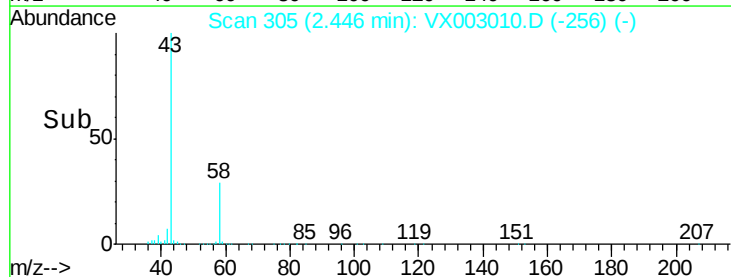
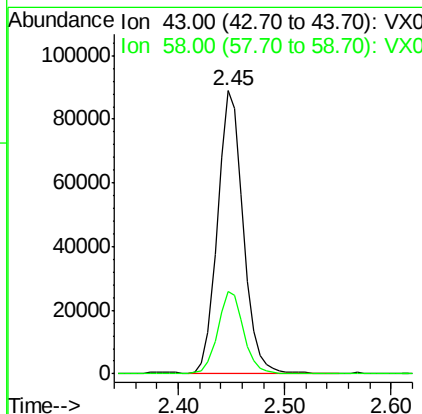
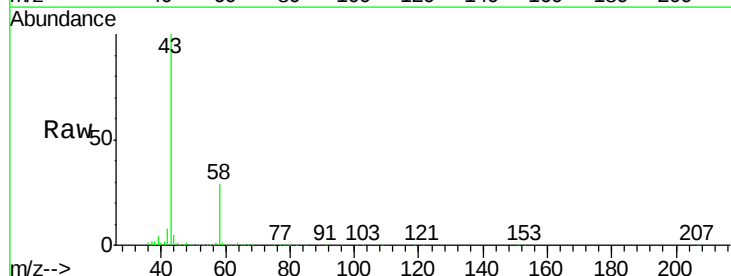
RT: 2.45 min Scan# 305

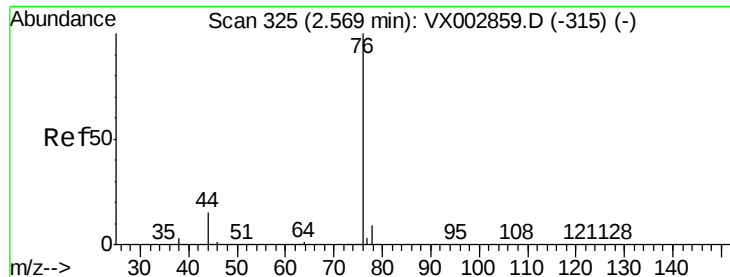
Delta R.T. -0.00 min

Lab File: VX003010.D

Acq: 29 Jun 2018 03:10

Tgt Ion:	43	Resp:	147790
Ion	Ratio	Lower	Upper
43	100		
58	29.4	22.1	33.1





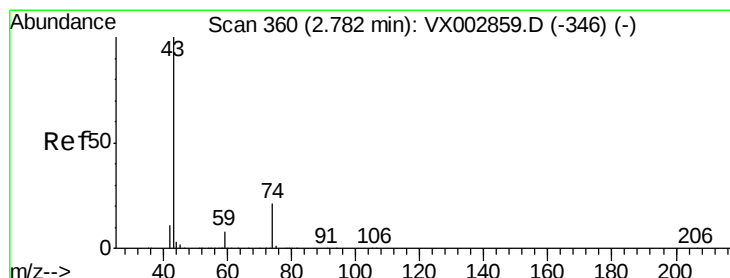
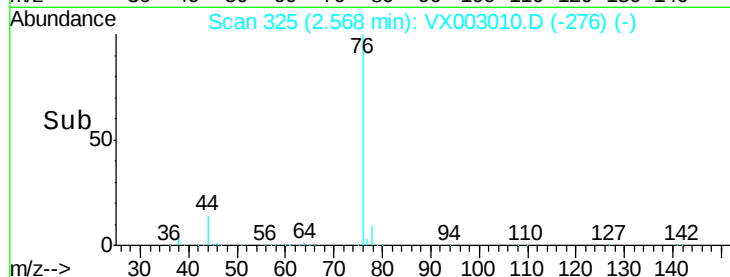
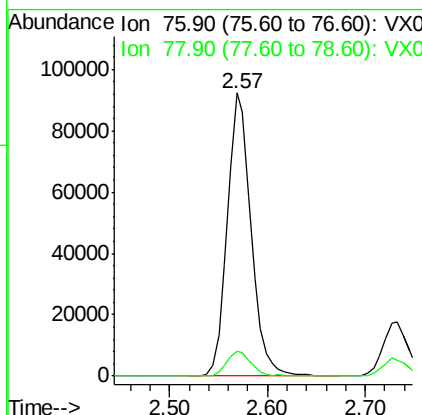
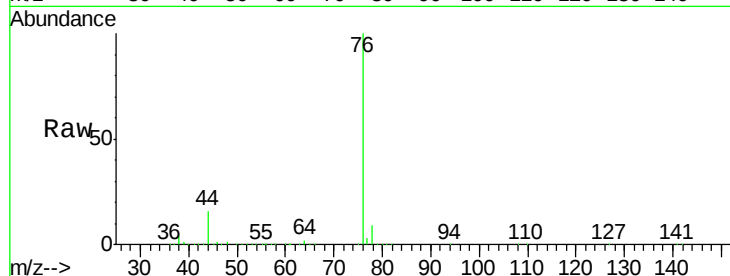
#17
Carbon Disulfide
Concen: 21.40 ug/l
RT: 2.57 min Scan# 325
Delta R.T. -0.00 min
Lab File: VX003010.D
Acq: 29 Jun 2018 03:10

Instrument :
MSVOA_X
ClientSampleId :
VX0628WBSD03

Tot Ion	Ratio	Lower	Upper
76	100		
78	8.8	6.9	10.3

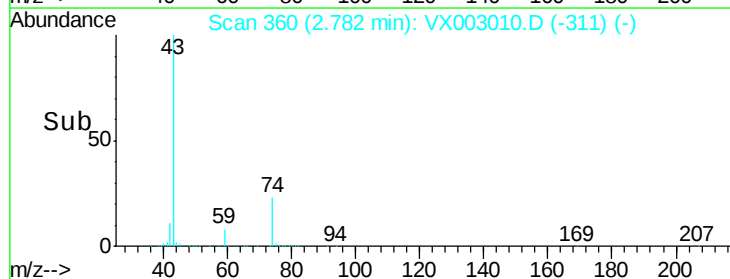
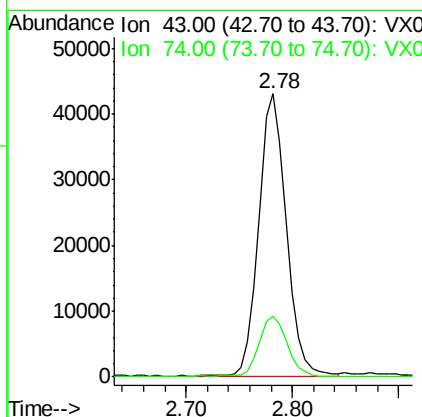
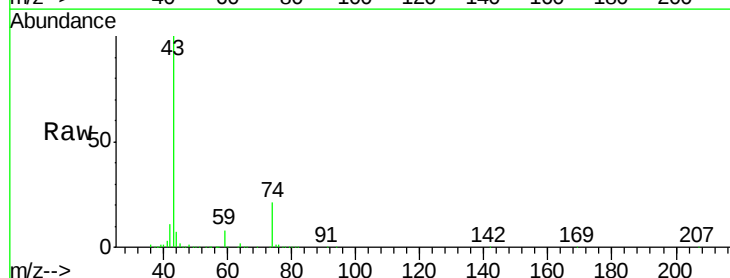
Manual Integrations
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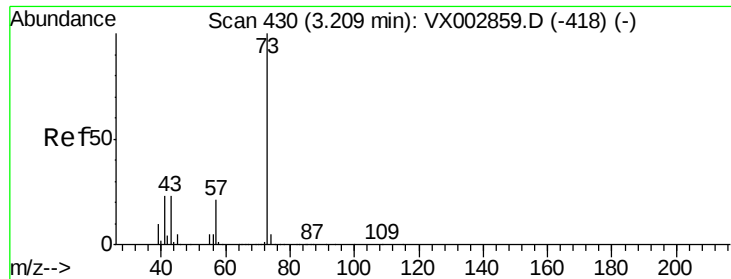
MMDadoda
6/29/2018 12:22:55 PM



#18
Methyl Acetate
Concen: 17.64 ug/l
RT: 2.78 min Scan# 360
Delta R.T. -0.00 min
Lab File: VX003010.D
Acq: 29 Jun 2018 03:10

Tgt Ion	Ratio	Lower	Upper
43	100		
74	22.7	16.7	25.1





#19

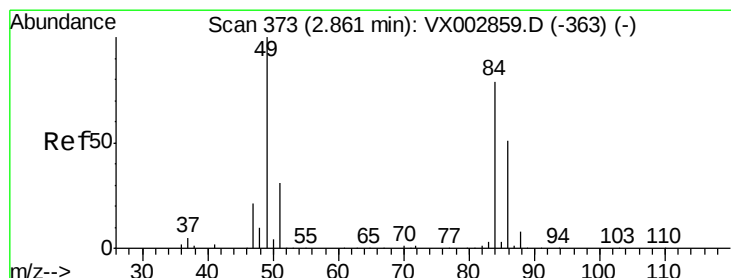
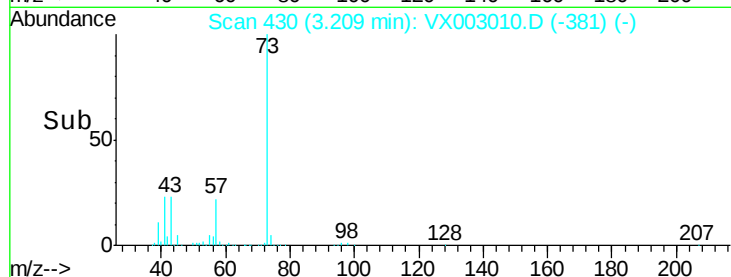
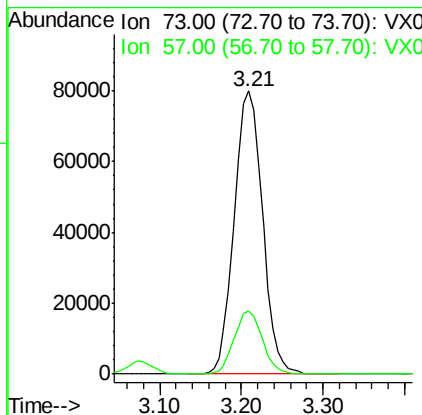
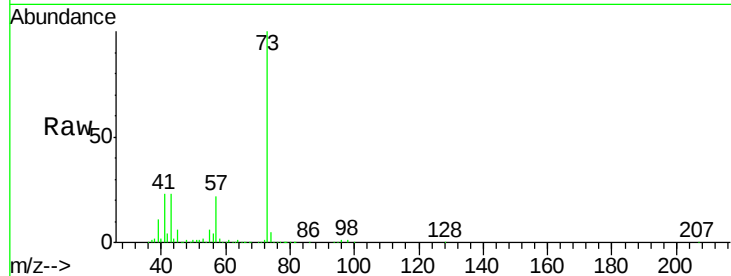
Methyl tert-butyl Ether
 Concen: 19.60 ug/l
 RT: 3.21 min Scan# 430
 Delta R.T. -0.00 min
 Lab File: VX003010.D
 Acq: 29 Jun 2018 03:10

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0628WBSD03

Tot Ion	Ratio	Lower	Upper
73	100		
57	22.4	17.7	26.5

Manual Integrations
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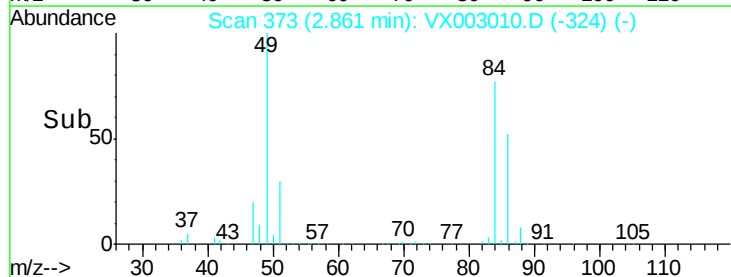
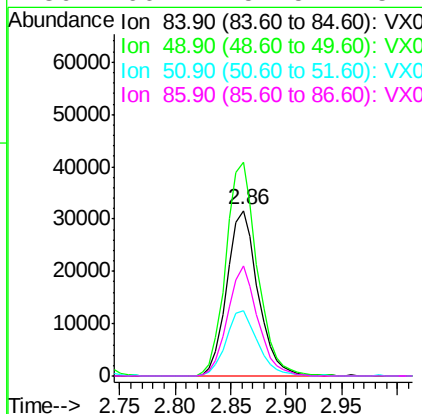
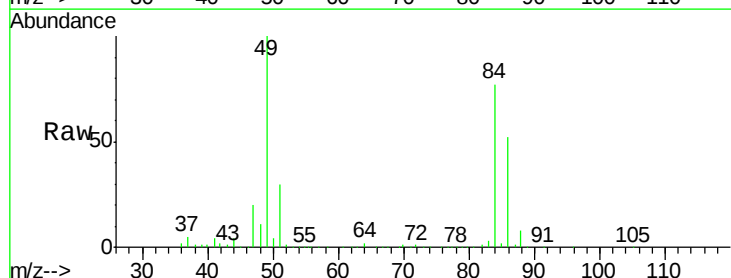
MMDadoda
 6/29/2018 12:22:55 PM

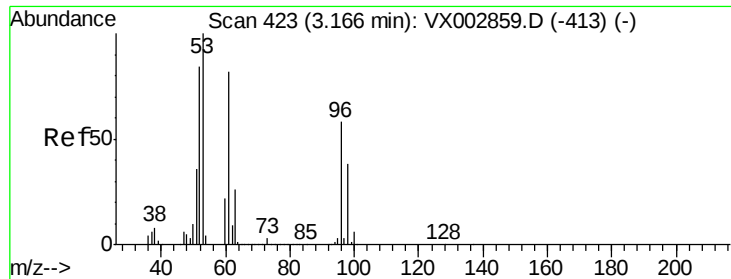


#20

Methylene Chloride
 Concen: 19.87 ug/l
 RT: 2.86 min Scan# 373
 Delta R.T. -0.00 min
 Lab File: VX003010.D
 Acq: 29 Jun 2018 03:10

Tgt Ion	Ratio	Lower	Upper
84	100		
49	129.0	107.8	161.6
51	39.0	32.8	49.2
86	66.7	52.5	78.7





#21

trans-1,2-Dichloroethene

Concen: 19.77 ug/l

RT: 3.17 min Scan# 423

Delta R.T. -0.00 min

Lab File: VX003010.D

Acq: 29 Jun 2018 03:10

Instrument :

MSVOA_X

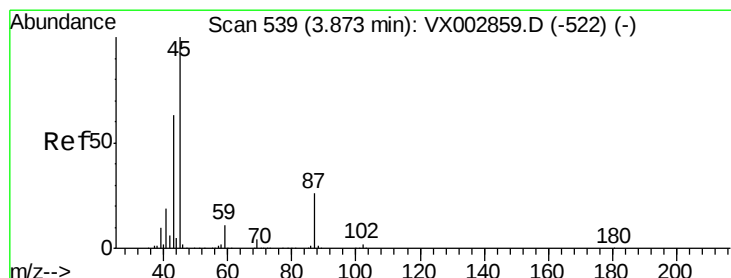
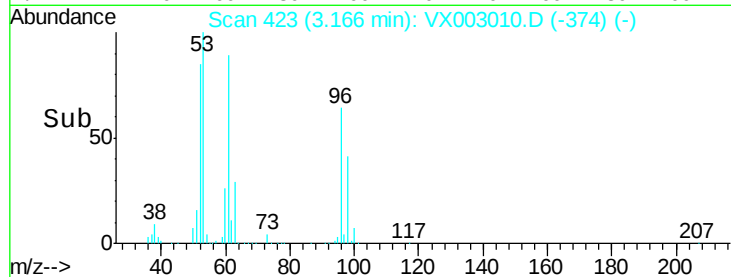
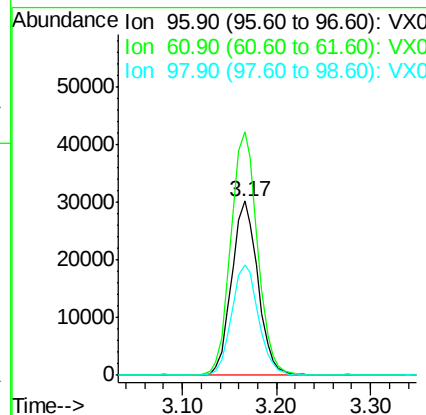
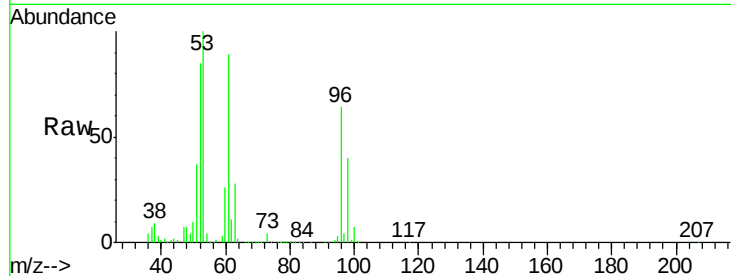
ClientSampleId :

VX0628WBSD03

Tot Ion:	96	Resp:	58705
Ion	Ratio	Lower	Upper
96	100		
61	139.7	117.0	175.4
98	63.4	52.4	78.6

Manual Integrations
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#22

Diisopropyl ether

Concen: 20.50 ug/l

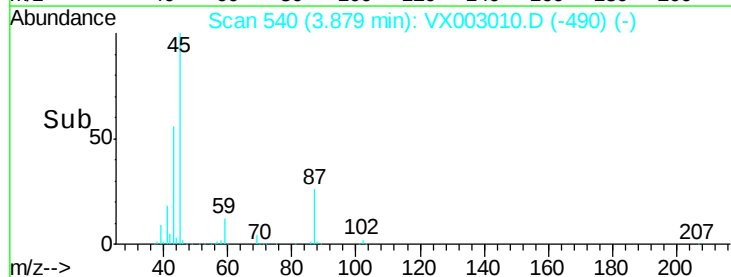
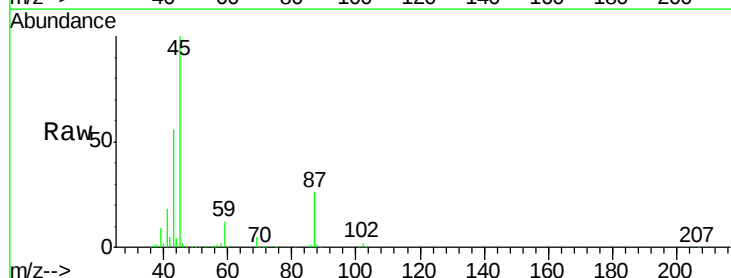
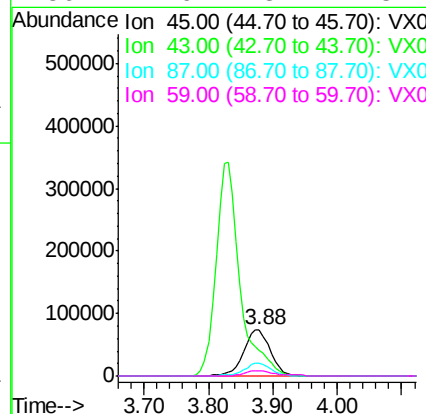
RT: 3.88 min Scan# 540

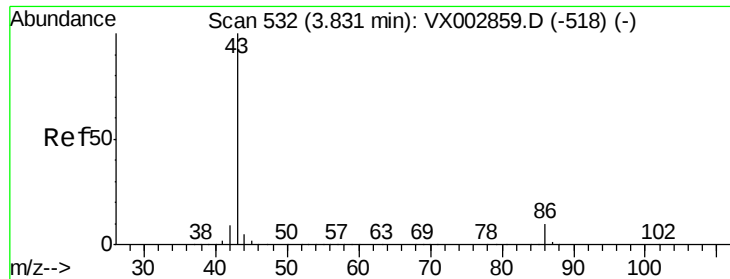
Delta R.T. 0.01 min

Lab File: VX003010.D

Acq: 29 Jun 2018 03:10

Tgt Ion:	45	Resp:	210505
Ion	Ratio	Lower	Upper
45	100		
43	55.9	46.8	70.2
87	26.4	20.2	30.4
59	11.6	8.7	13.1





#23

Vinyl Acetate

Concen: 102.77 ug/l

RT: 3.83 min Scan# 532

Delta R.T. -0.00 min

Lab File: VX003010.D

Acq: 29 Jun 2018 03:10

Instrument :

MSVOA_X

ClientSampleId :

VX0628WBSD03

Tot Ion: 43 Resp: 893843

Ion Ratio Lower Upper

43 100

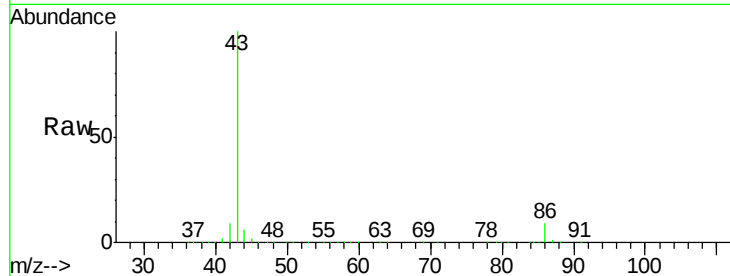
86 9.5 7.4 11.0

Manual Integrations

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

3.83

400000

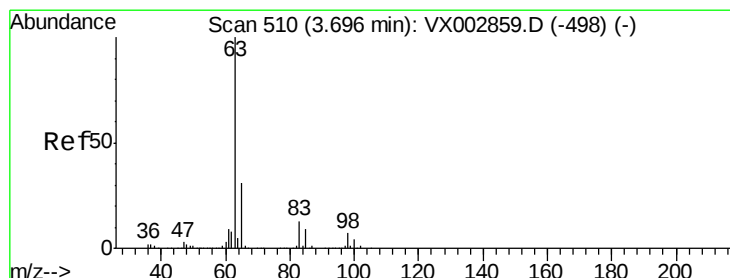
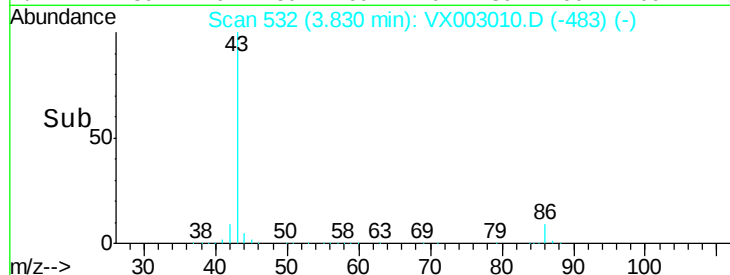
300000

200000

100000

0

Time-->



#24

1,1-Dichloroethane

Concen: 20.06 ug/l

RT: 3.70 min Scan# 510

Delta R.T. -0.00 min

Lab File: VX003010.D

Acq: 29 Jun 2018 03:10

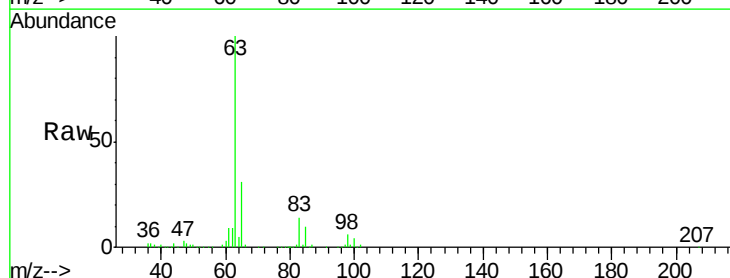
Tgt Ion: 63 Resp: 111967

Ion Ratio Lower Upper

63 100

98 6.2 3.4 10.2

100 4.4 2.0 6.0



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0

3.70

60000

50000

40000

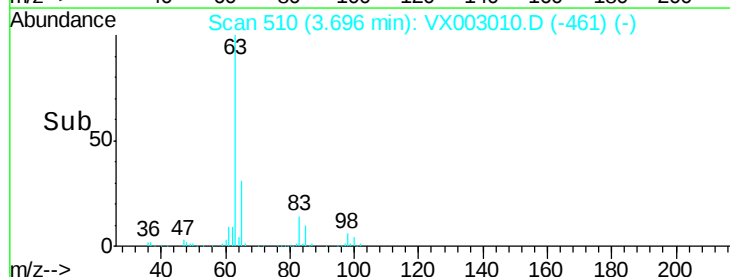
30000

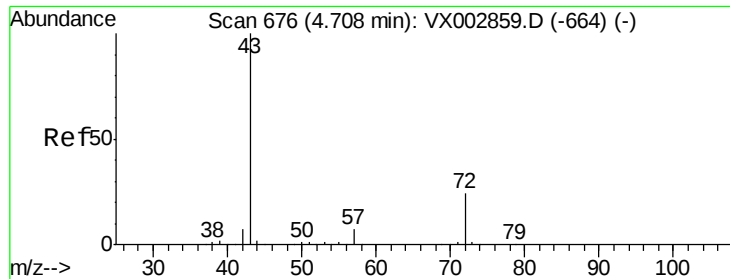
20000

10000

0

Time-->





#25

2-Butanone

Concen: 101.42 ug/l

RT: 4.71 min Scan# 676

Delta R.T. -0.00 min

Lab File: VX003010.D

Acq: 29 Jun 2018 03:10

Instrument :

MSVOA_X

ClientSampleId :

VX0628WBSD03

Tot Ion: 43 Resp: 238134

Ion Ratio Lower Upper

43 100

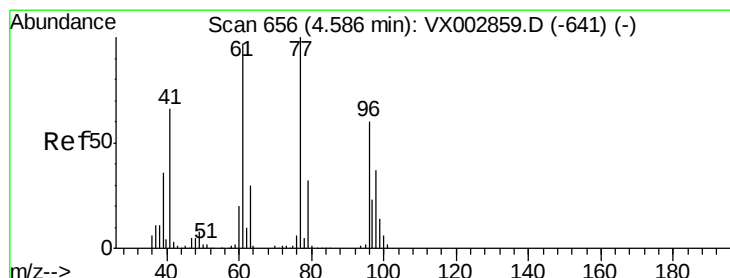
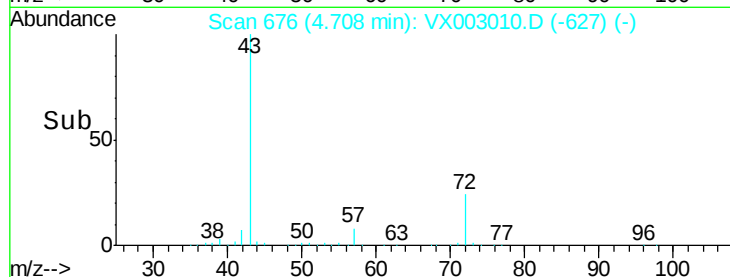
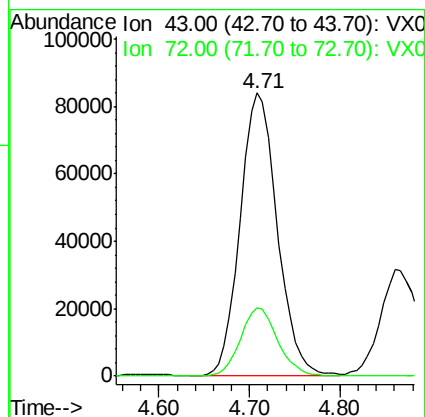
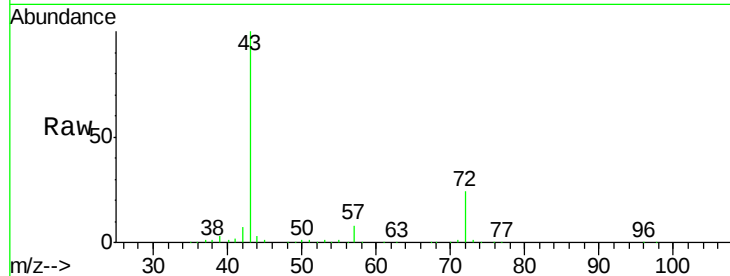
72 24.2 18.5 27.7

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#26

2,2-Dichloropropane

Concen: 13.62 ug/l

RT: 4.59 min Scan# 657

Delta R.T. 0.01 min

Lab File: VX003010.D

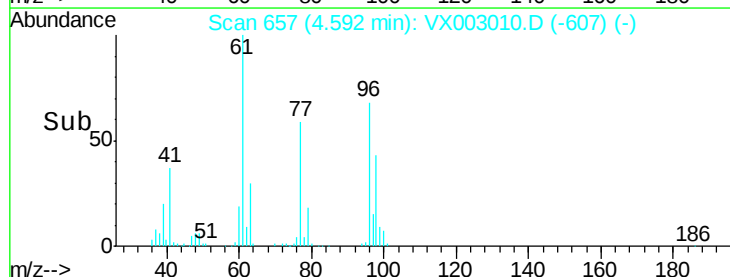
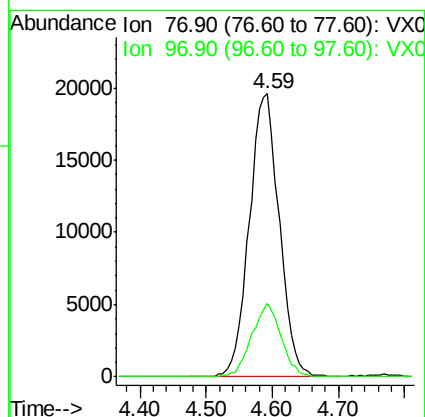
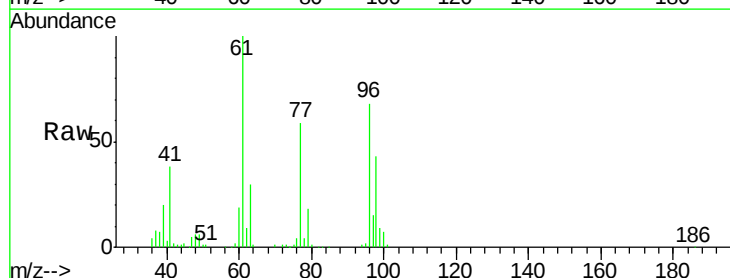
Acq: 29 Jun 2018 03:10

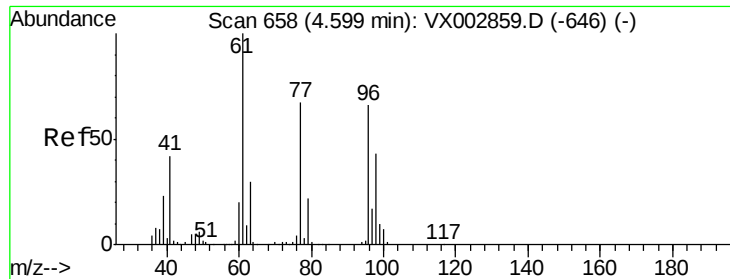
Tgt Ion: 77 Resp: 61846

Ion Ratio Lower Upper

77 100

97 25.3 11.2 33.5





#27

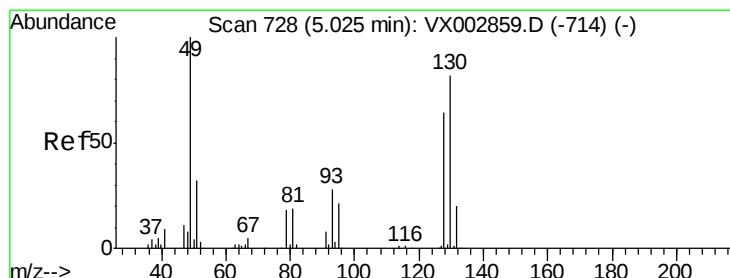
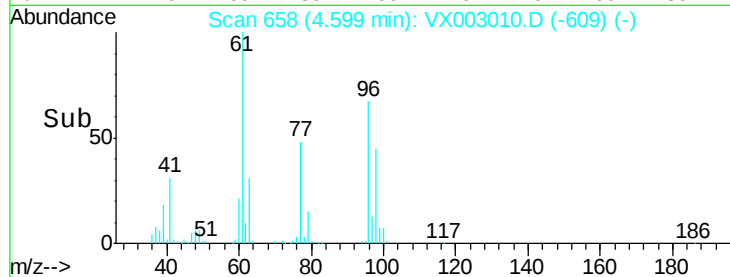
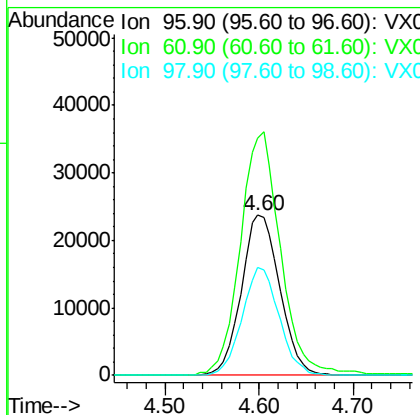
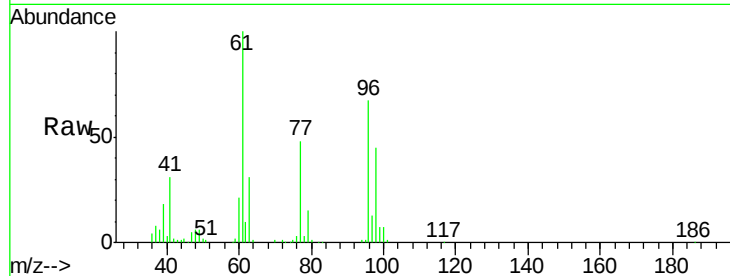
cis-1,2-Dichloroethene
 Concen: 20.39 ug/l
 RT: 4.60 min Scan# 658
 Delta R.T. -0.00 min
 Lab File: VX003010.D
 Acq: 29 Jun 2018 03:10

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0628WBSD03

Tot Ion	Ratio	Lower	Upper
96	100		
61	160.6	0.0	330.2
98	65.1	0.0	130.2

Manual Integrations
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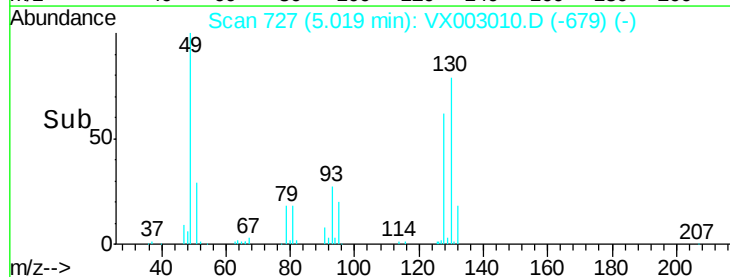
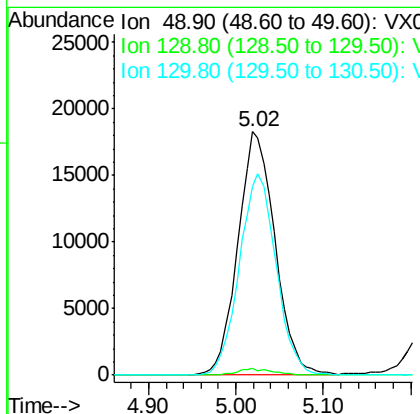
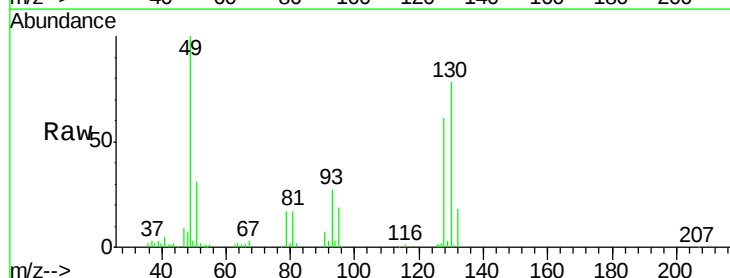
MMDadoda
 6/29/2018 12:22:55 PM

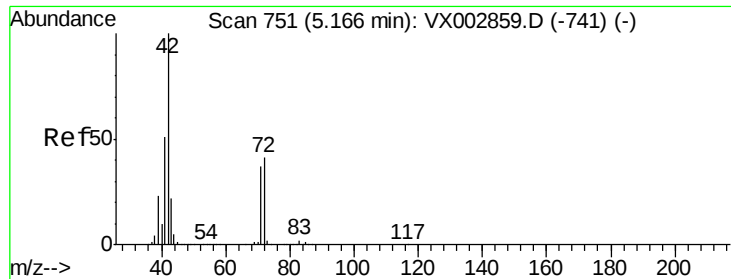


#28

Bromochloromethane
 Concen: 20.16 ug/l
 RT: 5.02 min Scan# 727
 Delta R.T. -0.01 min
 Lab File: VX003010.D
 Acq: 29 Jun 2018 03:10

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.3	0.0	4.2
130	82.0	61.2	91.8





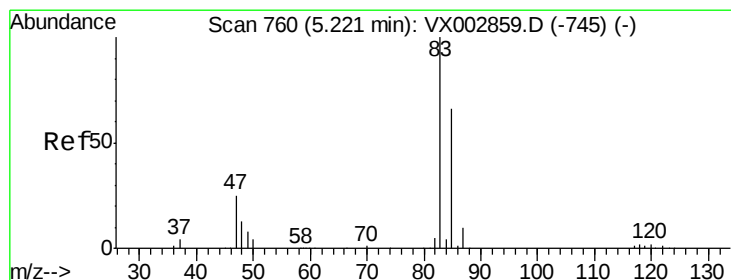
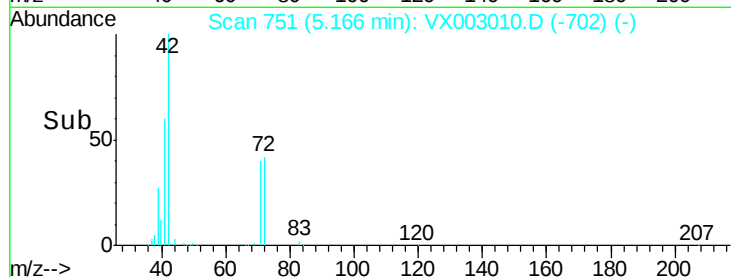
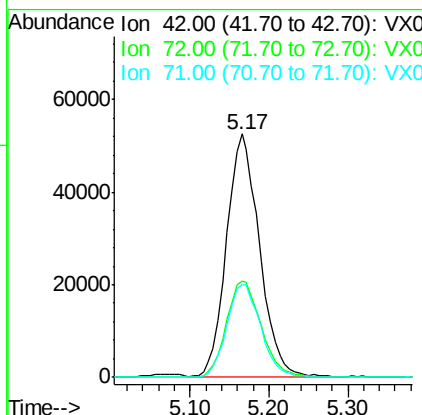
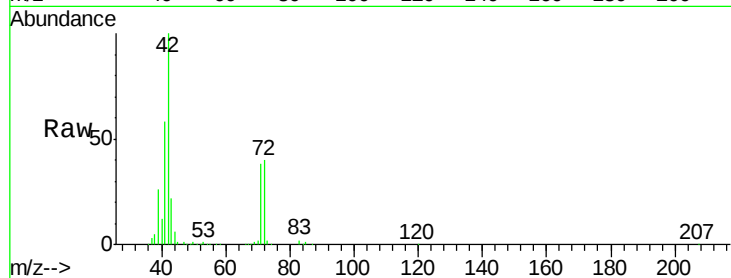
#29
Tetrahydrofuran
Concen: 101.16 ug/l
RT: 5.17 min Scan# 751
Delta R.T. -0.00 min
Lab File: VX003010.D
Acq: 29 Jun 2018 03:10

Instrument :
MSVOA_X
ClientSampleId :
VX0628WBSD03

Tot Ion	Ratio	Lower	Upper
42	100		
72	42.2	32.0	48.0
71	39.3	30.1	45.1

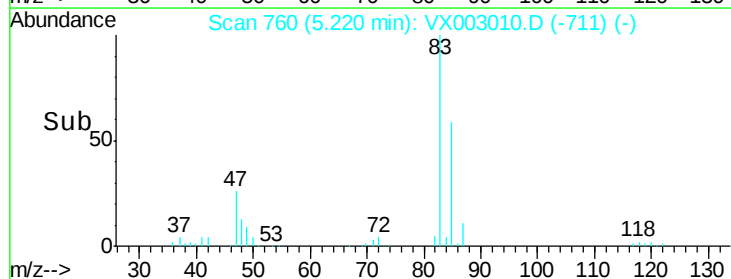
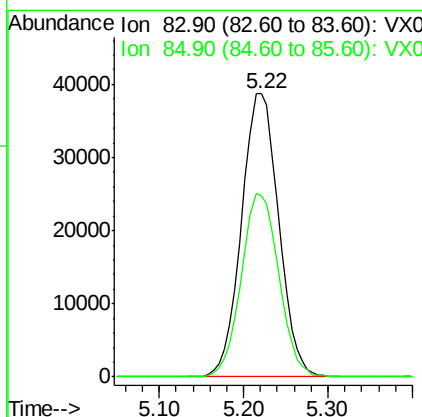
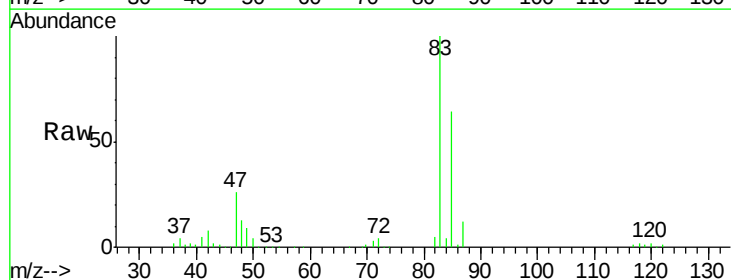
Manual Integrations
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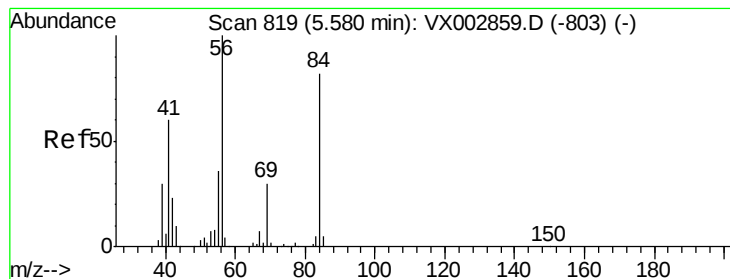
MMDadoda
6/29/2018 12:22:55 PM



#30
Chloroform
Concen: 20.27 ug/l
RT: 5.22 min Scan# 760
Delta R.T. -0.00 min
Lab File: VX003010.D
Acq: 29 Jun 2018 03:10

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.8	50.4	75.6





#31

Cyclohexane

Concen: 20.23 ug/l

RT: 5.57 min Scan# 818

Delta R.T. -0.01 min

Lab File: VX003010.D

Acq: 29 Jun 2018 03:10

Instrument :

MSVOA_X

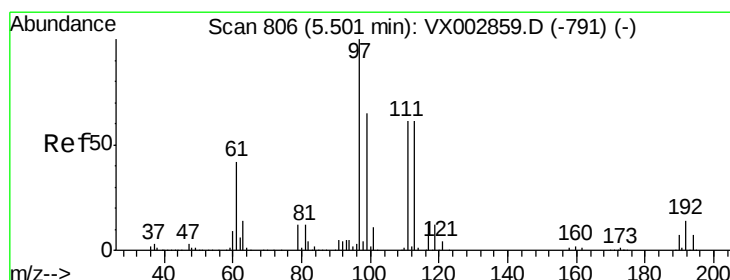
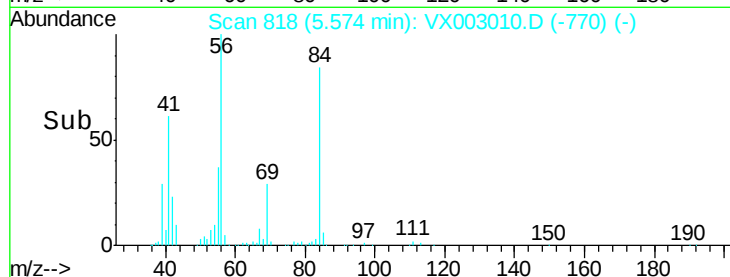
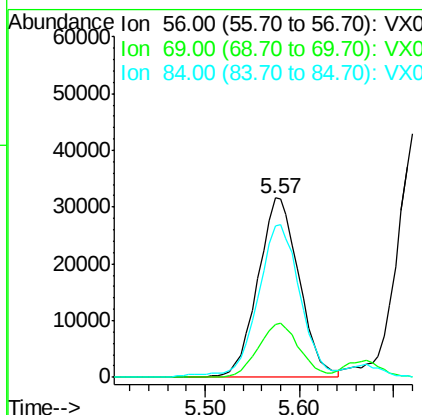
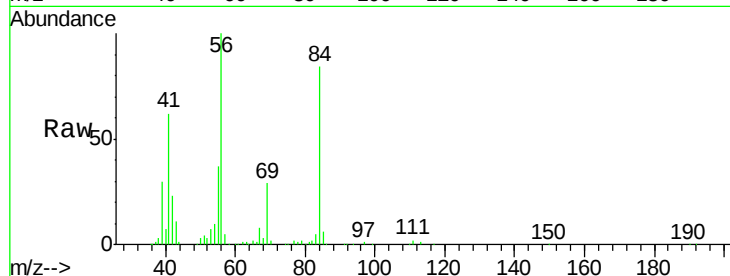
ClientSampleId :

VX0628WBSD03

Tot Ion:	56	Resp:	96920
Ion	Ratio	Lower	Upper
56	100		
69	29.4	23.7	35.5
84	82.7	64.1	96.1

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 20.60 ug/l

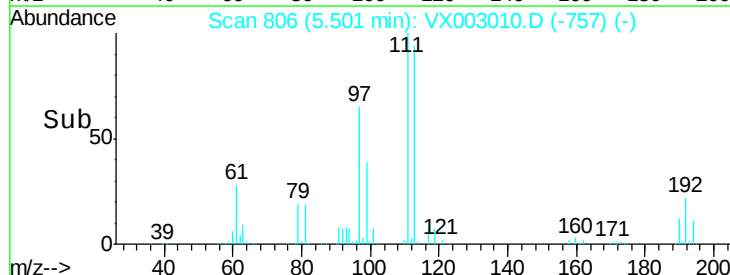
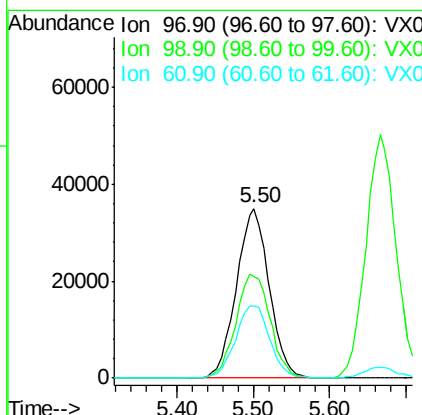
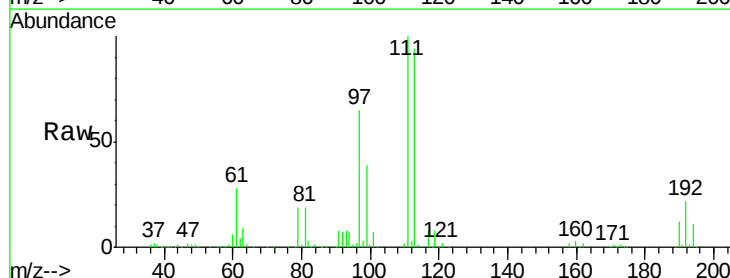
RT: 5.50 min Scan# 806

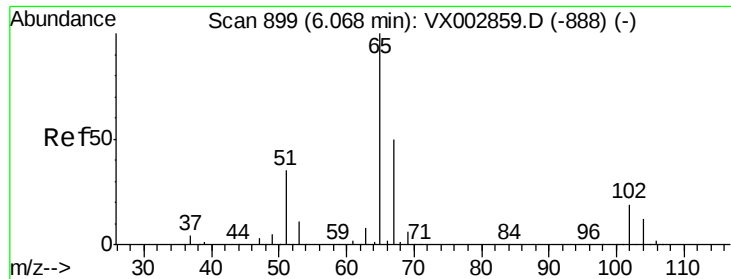
Delta R.T. -0.00 min

Lab File: VX003010.D

Acq: 29 Jun 2018 03:10

Tgt Ion:	97	Resp:	103850
Ion	Ratio	Lower	Upper
97	100		
99	64.3	51.6	77.4
61	44.6	36.4	54.6





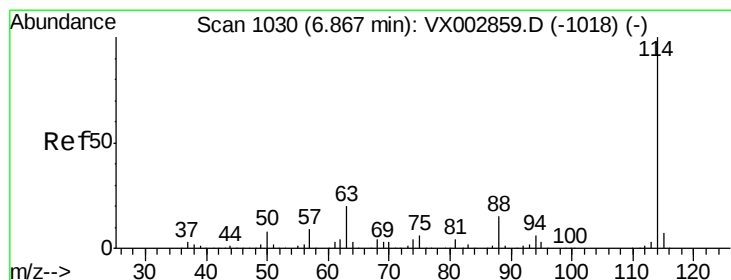
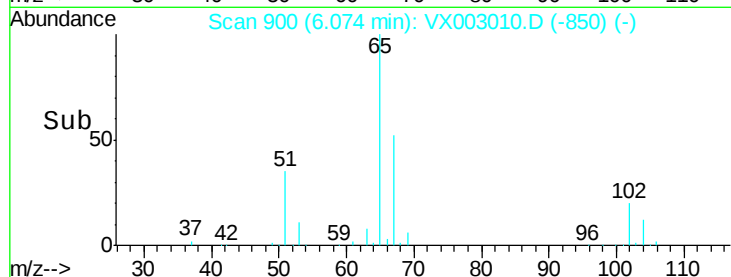
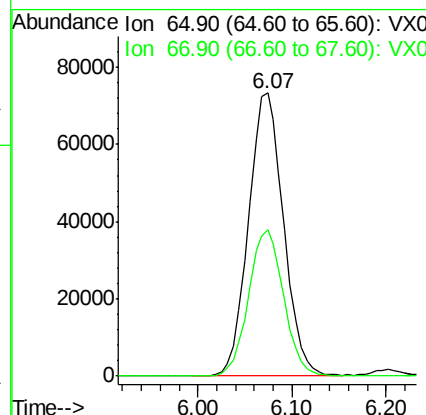
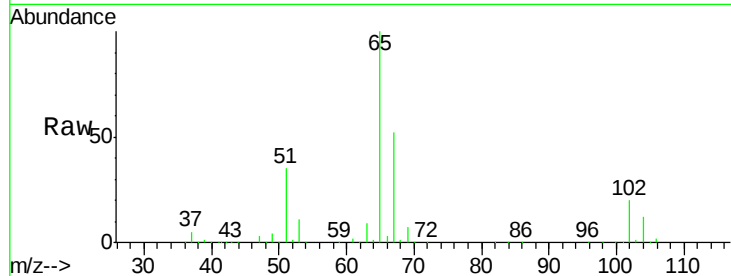
#33
 1,2-Dichloroethane-d4
 Concen: 50.07 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. 0.01 min
 Lab File: VX003010.D
 Acq: 29 Jun 2018 03:10

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0628WBSD03

Tot Ion	Ratio	Resp	Lower	Upper
65	100	191270		
67	51.8	0.0	102.6	

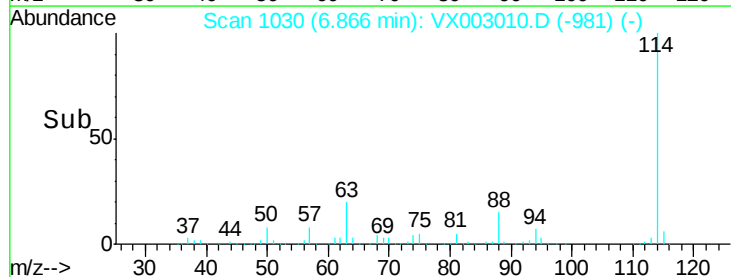
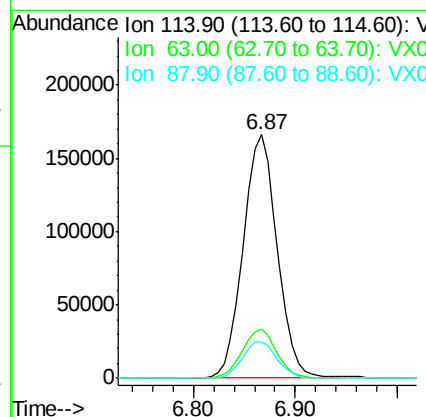
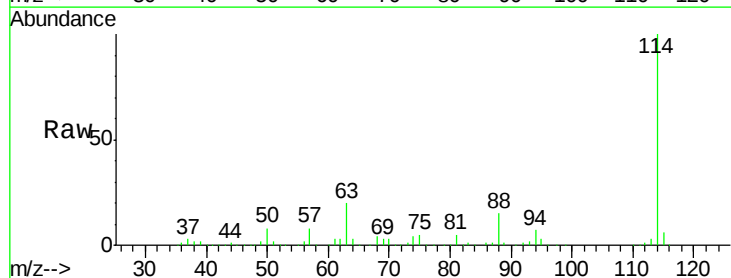
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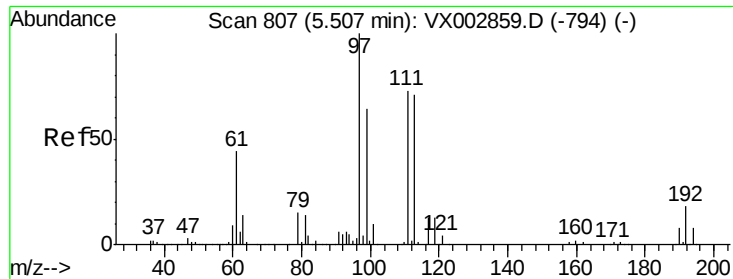
MMDadoda
 6/29/2018 12:22:55 PM



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. -0.00 min
 Lab File: VX003010.D
 Acq: 29 Jun 2018 03:10

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	385860		
63	20.0	0.0	41.4	
88	14.9	0.0	30.0	





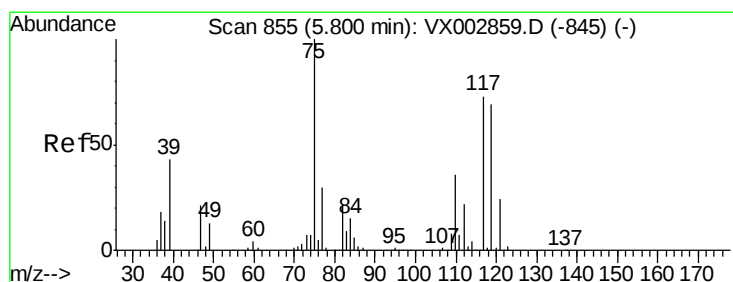
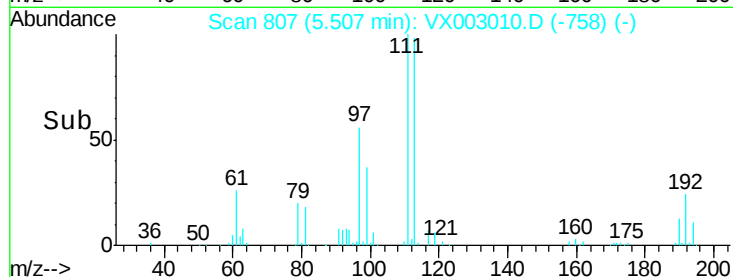
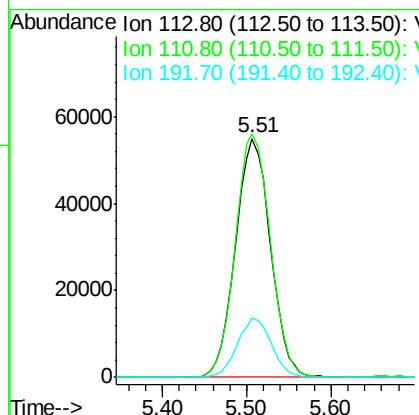
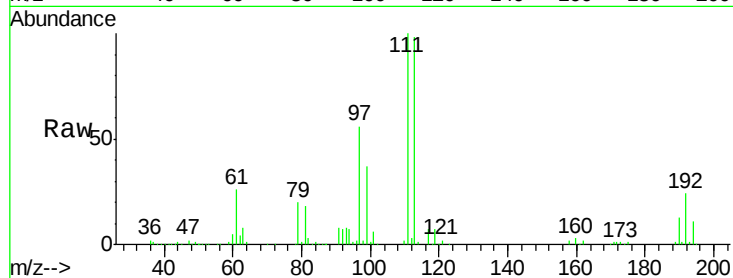
#35
 Dibromofluoromethane
 Concen: 50.47 ug/l
 RT: 5.51 min Scan# 807
 Delta R.T. -0.00 min
 Lab File: VX003010.D
 Acq: 29 Jun 2018 03:10

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0628WBSD03

Tot Ion	Ratio	Resp	Lower	Upper
113	100	154234		
111	102.6	81.4	122.0	
192	24.3	19.1	28.7	

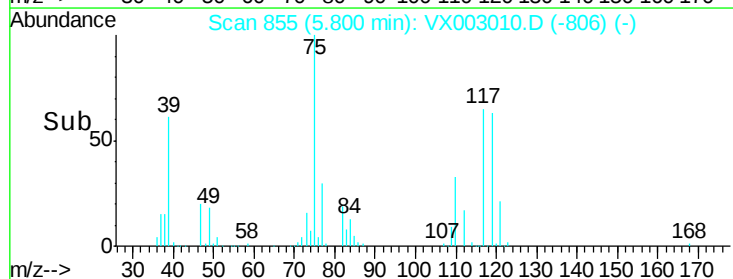
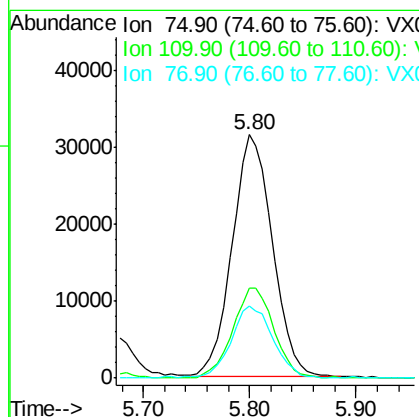
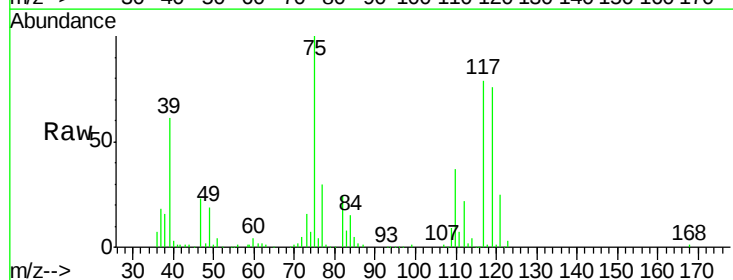
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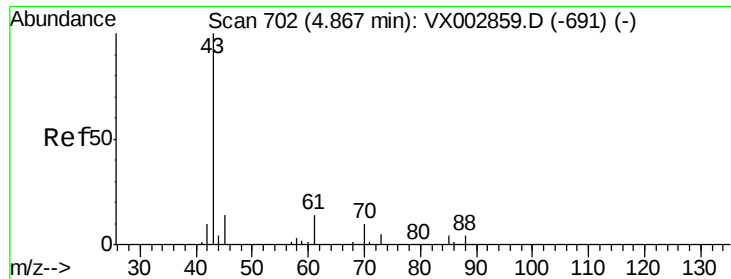
MMDadoda
 6/29/2018 12:22:55 PM



#36
 1,1-Dichloropropene
 Concen: 19.69 ug/l
 RT: 5.80 min Scan# 855
 Delta R.T. -0.00 min
 Lab File: VX003010.D
 Acq: 29 Jun 2018 03:10

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	83338		
110	37.9	18.1	54.4	
77	30.3	24.3	36.5	





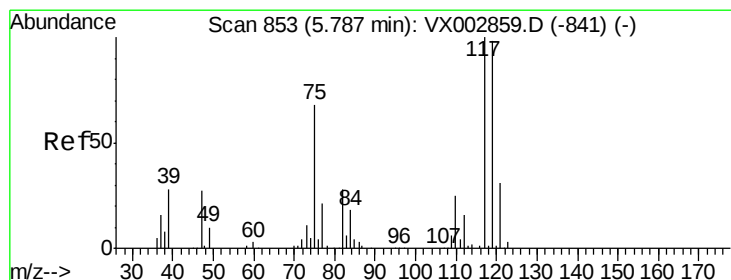
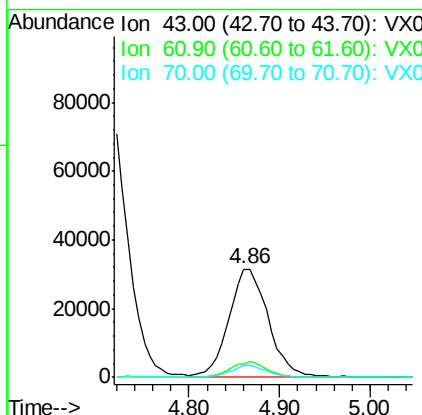
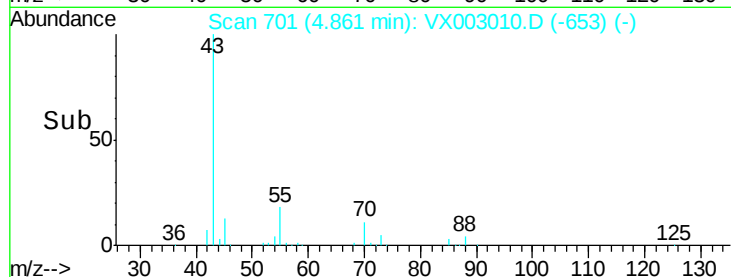
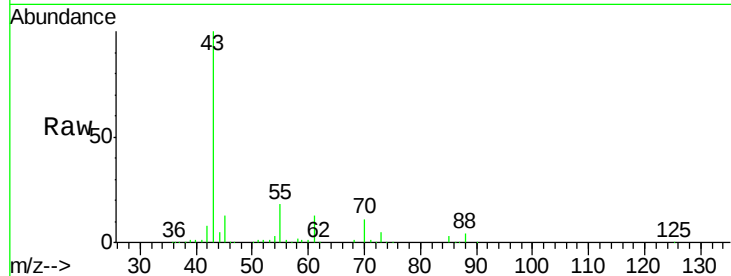
#37
Ethyl Acetate
Concen: 20.39 ug/l
RT: 4.86 min Scan# 701
Delta R.T. -0.01 min
Lab File: VX003010.D
Acq: 29 Jun 2018 03:10

Instrument :
MSVOA_X
ClientSampleId :
VX0628WBSD03

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.9	10.4	15.6
70	10.3	7.6	11.4

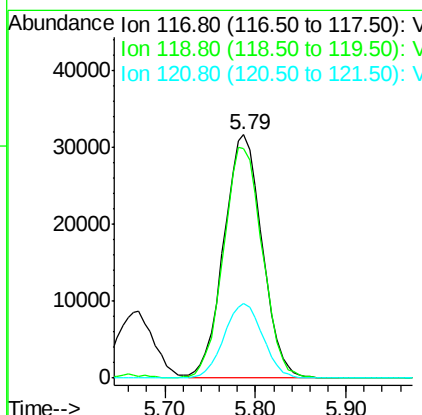
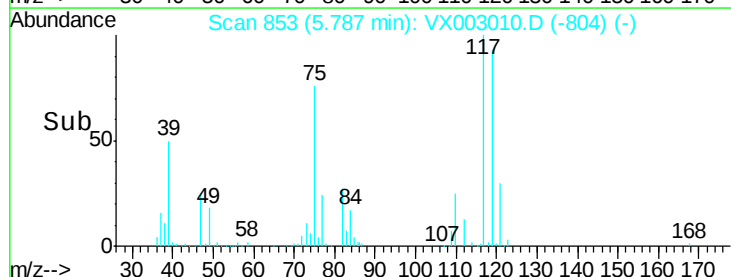
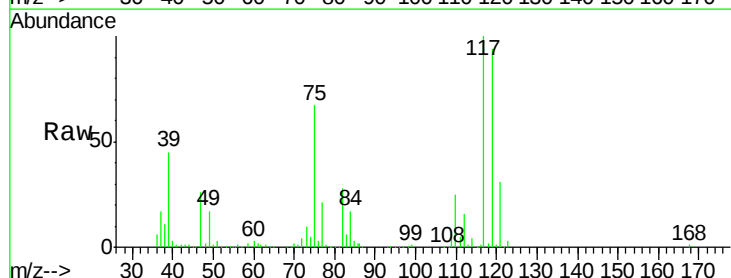
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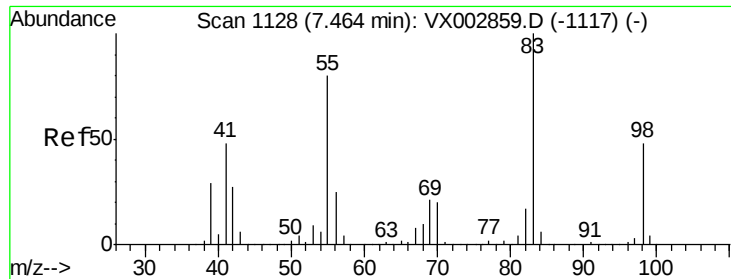
MMDadoda
6/29/2018 12:22:55 PM



#38
Carbon Tetrachloride
Concen: 20.02 ug/l
RT: 5.79 min Scan# 853
Delta R.T. -0.00 min
Lab File: VX003010.D
Acq: 29 Jun 2018 03:10

Tgt Ion	Ratio	Lower	Upper
117	100		
119	94.3	77.4	116.0
121	30.9	24.4	36.6





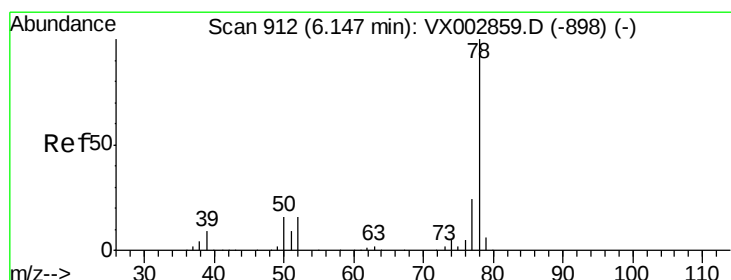
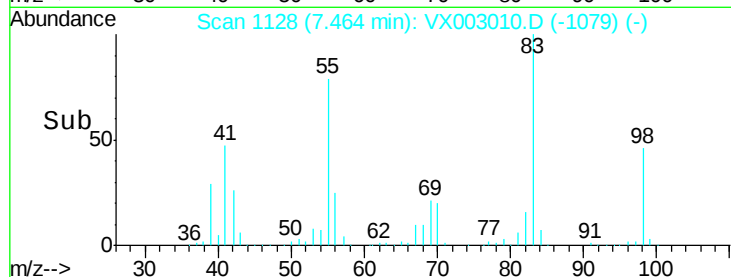
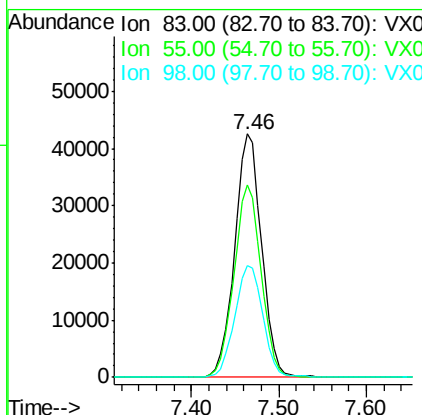
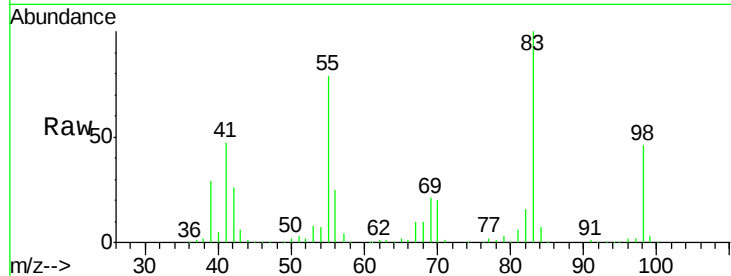
#39
Methylvlcvclohexane
Concen: 18.54 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. -0.00 min
Lab File: VX003010.D
Acq: 29 Jun 2018 03:10

Instrument :
MSVOA_X
ClientSampleId :
VX0628WBSD03

Tot Ion	Ratio	Lower	Upper
83	100		
55	79.1	65.4	98.0
98	46.1	37.4	56.0

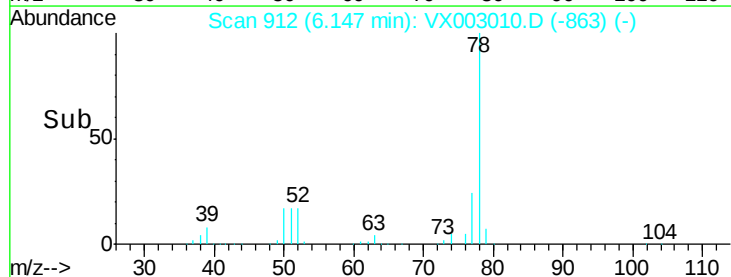
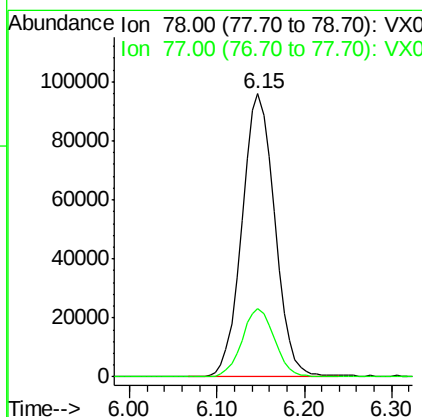
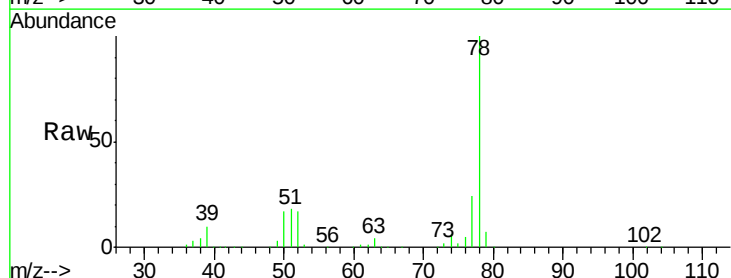
Manual Integrations
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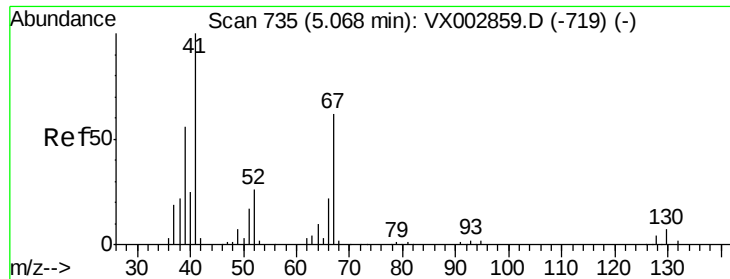
MMDadoda
6/29/2018 12:22:55 PM



#40
Benzene
Concen: 20.40 ug/l
RT: 6.15 min Scan# 912
Delta R.T. -0.00 min
Lab File: VX003010.D
Acq: 29 Jun 2018 03:10

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.3	19.1	28.7





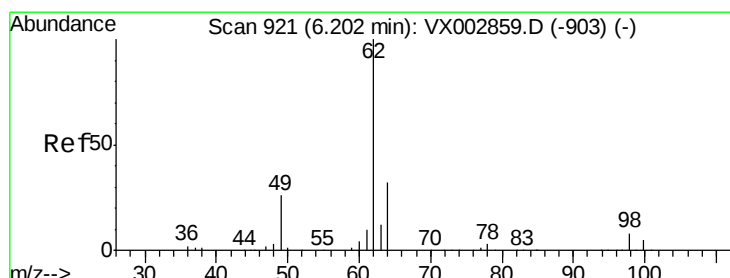
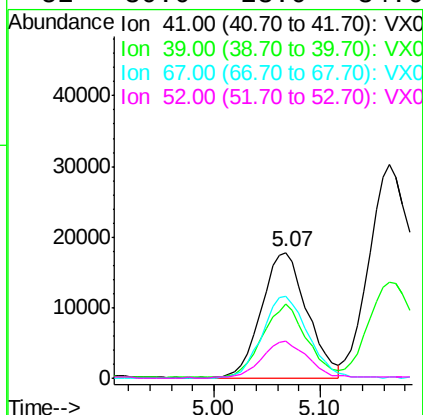
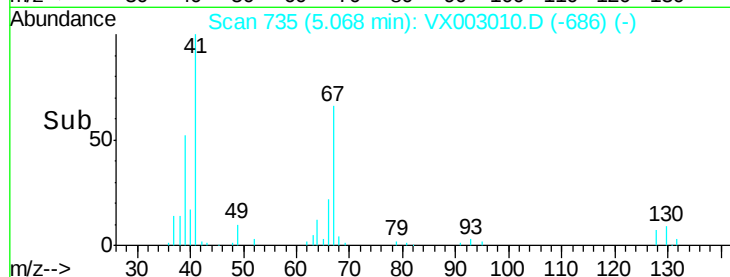
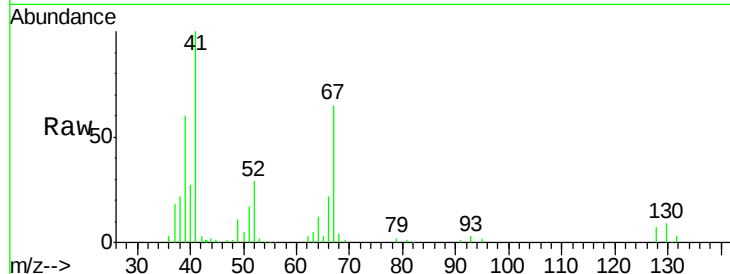
#41
Methacrylonitrile
Concen: 20.18 ug/l
RT: 5.07 min Scan# 735
Delta R.T. -0.00 min
Lab File: VX003010.D
Acq: 29 Jun 2018 03:10

Instrument :
MSVOA_X
ClientSampleId :
VX0628WBSD03

Tot Ion	Ratio	Lower	Upper
41	100		
39	56.4	45.8	68.6
67	66.3	51.3	76.9
52	30.0	23.0	34.6

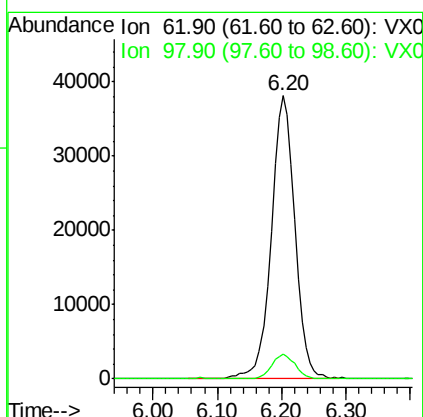
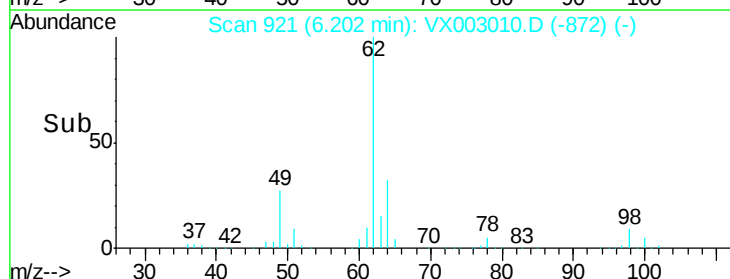
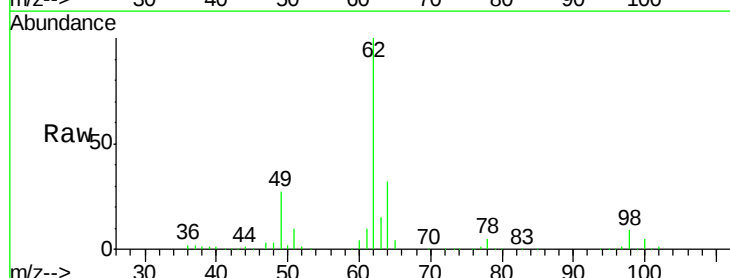
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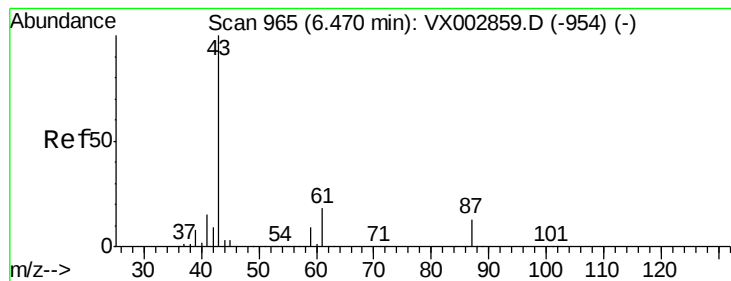
MMDadoda
6/29/2018 12:22:55 PM



#42
1,2-Dichloroethane
Concen: 19.83 ug/l
RT: 6.20 min Scan# 921
Delta R.T. -0.00 min
Lab File: VX003010.D
Acq: 29 Jun 2018 03:10

Tgt Ion	Ratio	Lower	Upper
62	100		
98	8.6	0.0	16.6





#43

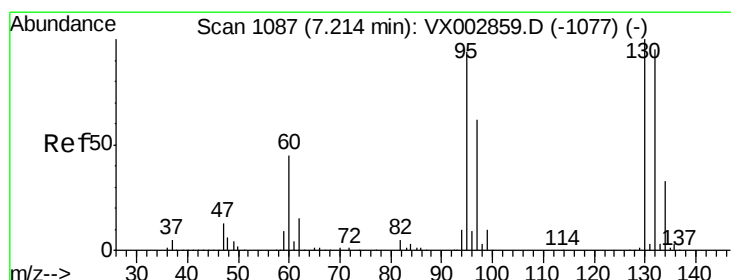
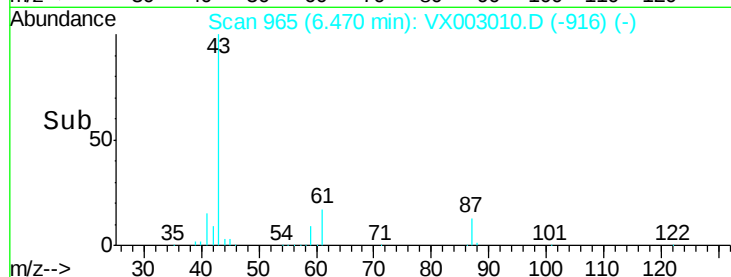
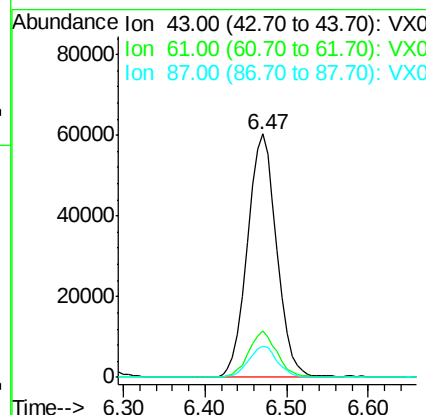
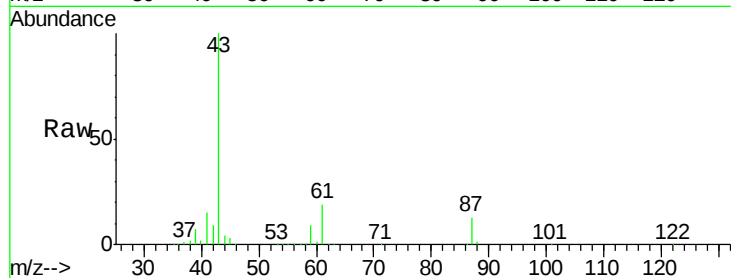
Isopropyl Acetate
 Concen: 19.59 ug/l
 RT: 6.47 min Scan# 965
 Delta R.T. -0.00 min
 Lab File: VX003010.D
 Acq: 29 Jun 2018 03:10

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0628WBSD03

Tot Ion	43	61	87
Resp	149699		
Ratio	100	18.4	12.7
Lower		14.4	9.5
Upper		21.6	14.3

Manual Integrations
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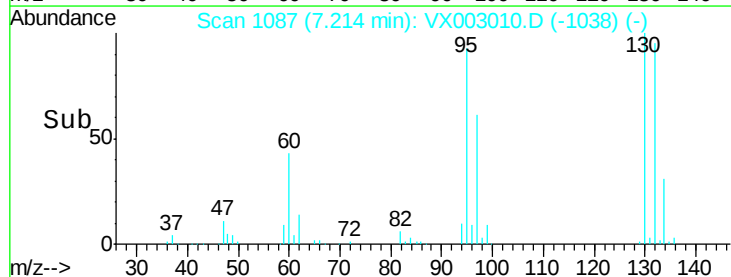
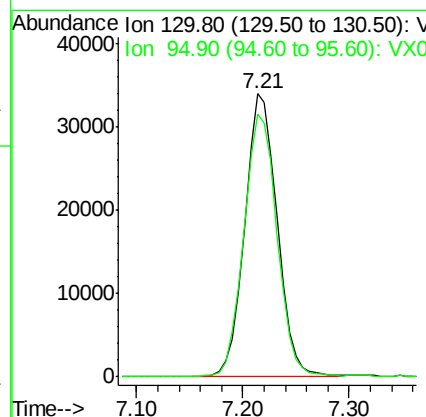
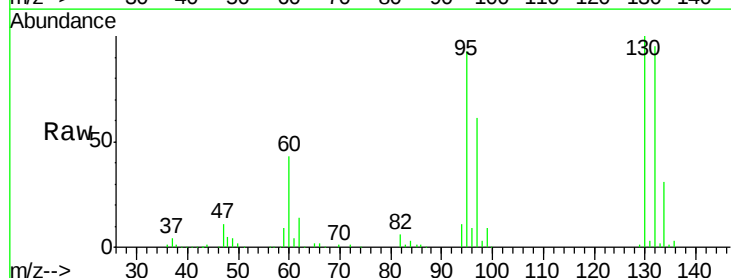
MMDadoda
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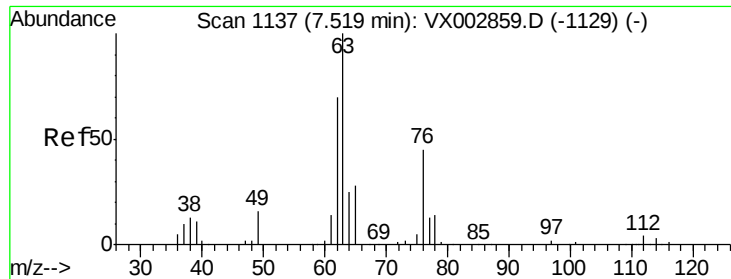


#44

Trichloroethene
 Concen: 19.87 ug/l
 RT: 7.21 min Scan# 1087
 Delta R.T. -0.00 min
 Lab File: VX003010.D
 Acq: 29 Jun 2018 03:10

Tgt Ion	130	95
Resp	72847	
Ratio	100	93.1
Lower		0.0
Upper		185.4





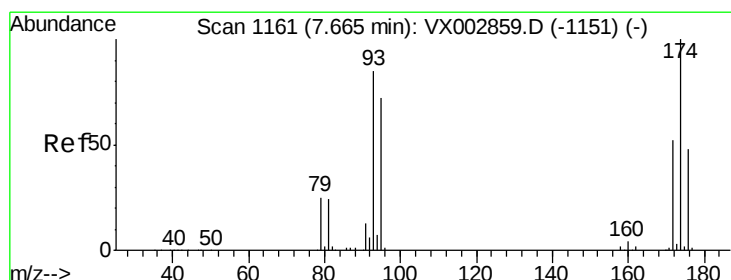
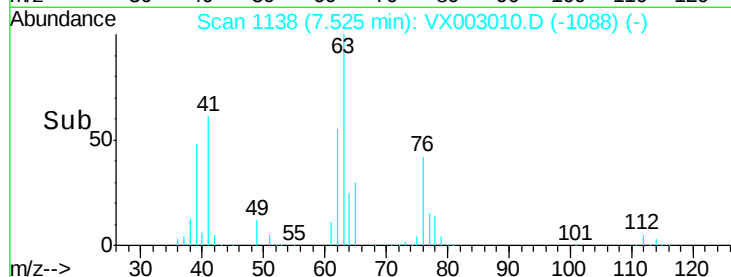
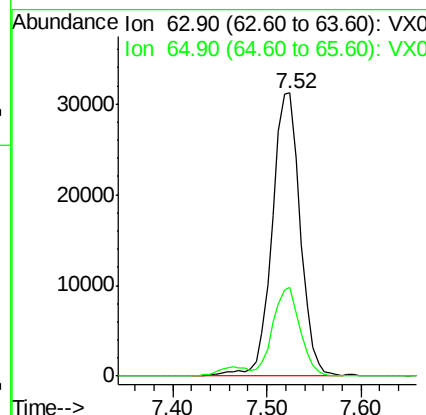
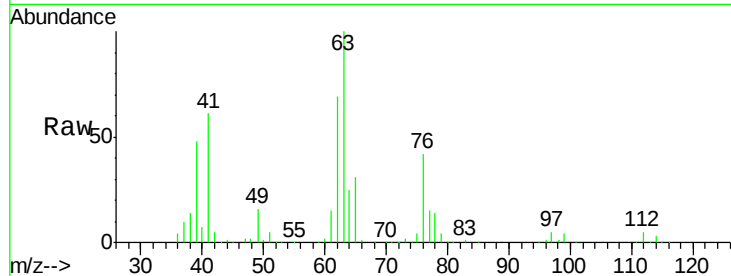
#45
 1,2-Dichloropropane
 Concen: 20.05 ug/l
 RT: 7.52 min Scan# 1138
 Delta R.T. 0.01 min
 Lab File: VX003010.D
 Acq: 29 Jun 2018 03:10

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0628WBSD03

Tot Ion: 63 Resp: 65390
 Ion Ratio Lower Upper
 63 100
 65 31.3 24.7 37.1

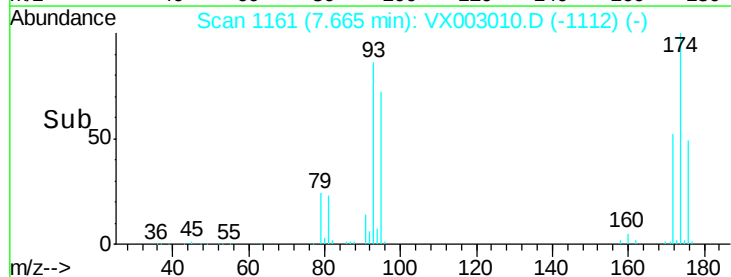
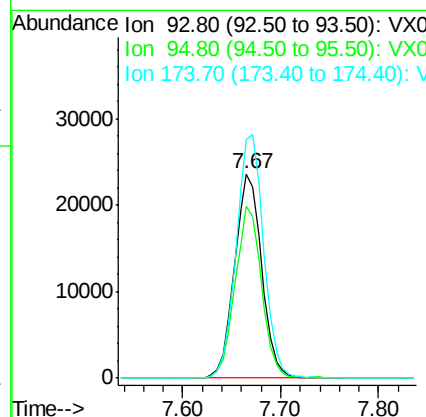
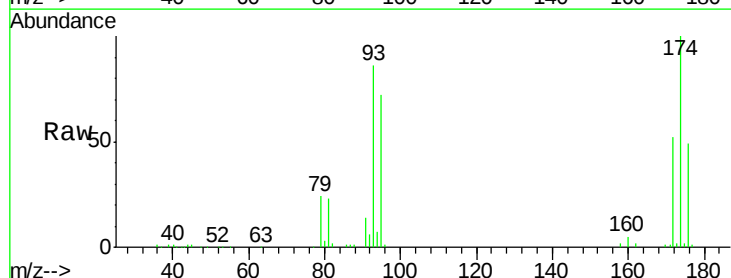
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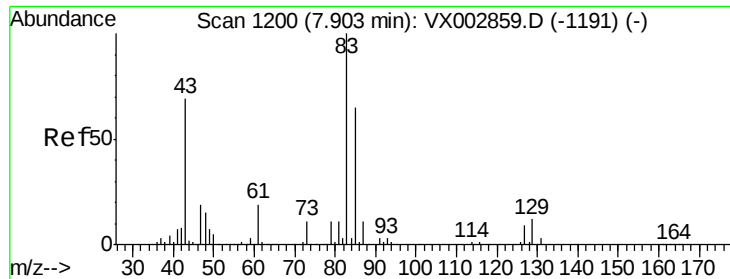
MMDadoda
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#46
 Dibromomethane
 Concen: 20.05 ug/l
 RT: 7.67 min Scan# 1161
 Delta R.T. -0.00 min
 Lab File: VX003010.D
 Acq: 29 Jun 2018 03:10

Tgt Ion: 93 Resp: 45388
 Ion Ratio Lower Upper
 93 100
 95 81.9 65.9 98.9
 174 120.7 92.4 138.6





#47

Bromodichloromethane

Concen: 20.06 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. -0.00 min

Lab File: VX003010.D

Acq: 29 Jun 2018 03:10

Instrument :

MSVOA_X

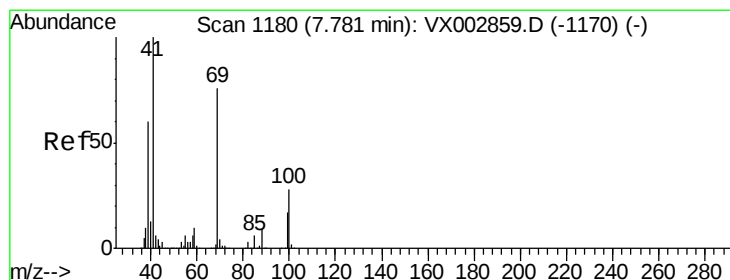
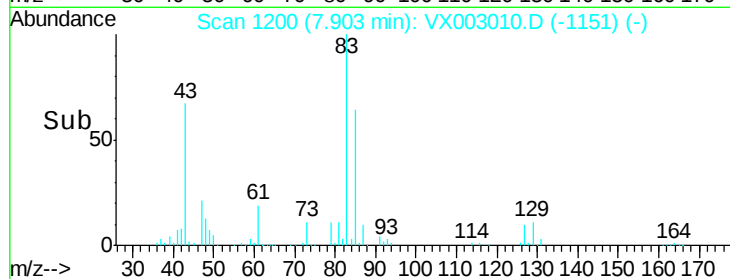
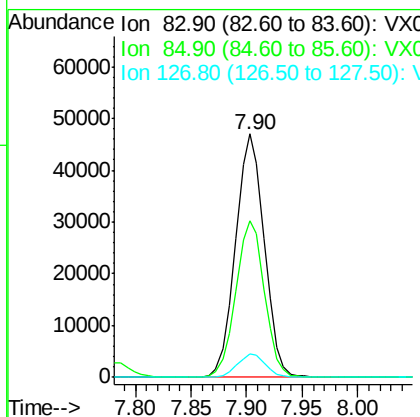
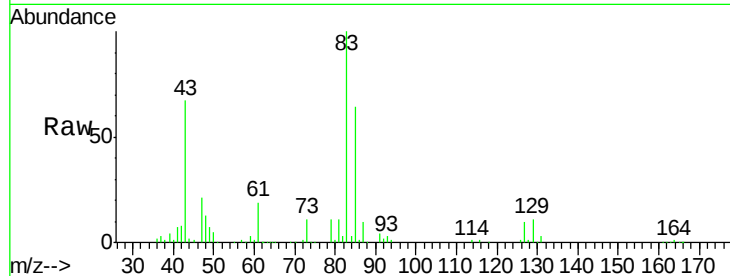
ClientSampleId :

VX0628WBSD03

Tot Ion:	83	Resp:	83919
Ion	Ratio	Lower	Upper
83	100		
85	64.4	50.3	75.5
127	9.9	7.0	10.4

Manual Integrations
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#48

Methyl methacrylate

Concen: 19.43 ug/l

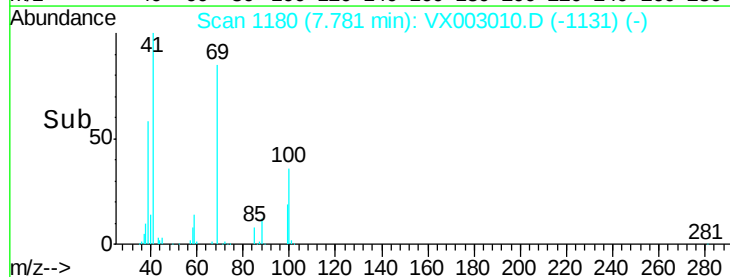
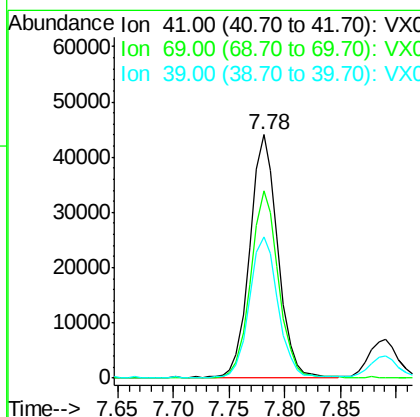
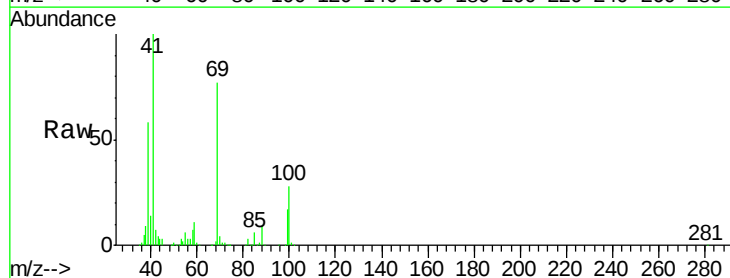
RT: 7.78 min Scan# 1180

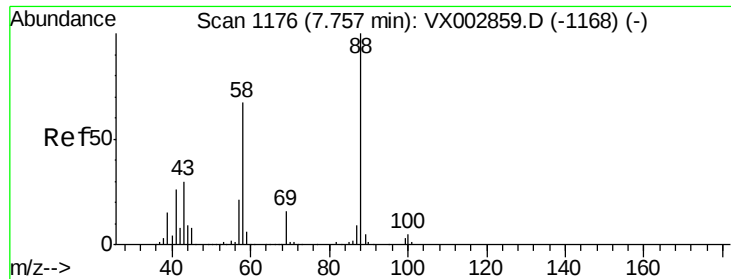
Delta R.T. -0.00 min

Lab File: VX003010.D

Acq: 29 Jun 2018 03:10

Tgt Ion:	41	Resp:	76494
Ion	Ratio	Lower	Upper
41	100		
69	77.4	59.1	88.7
39	58.8	48.9	73.3





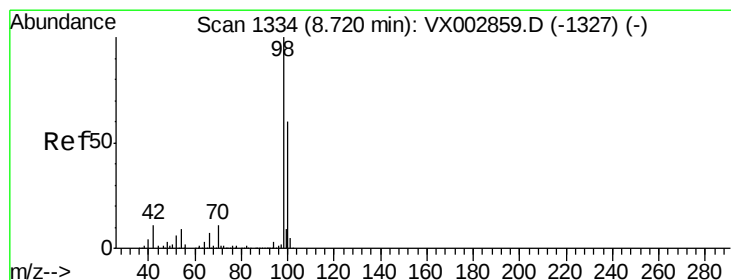
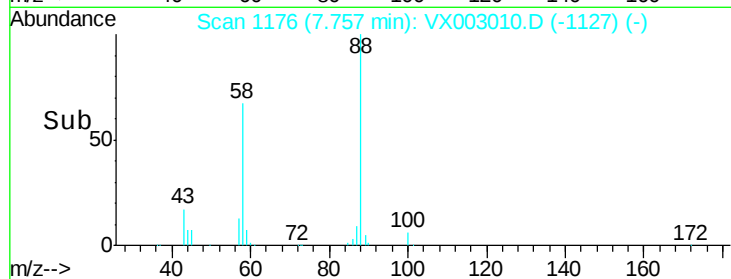
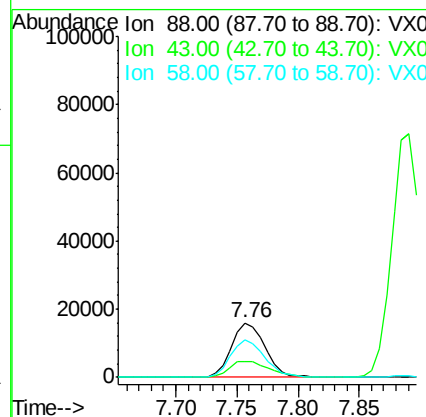
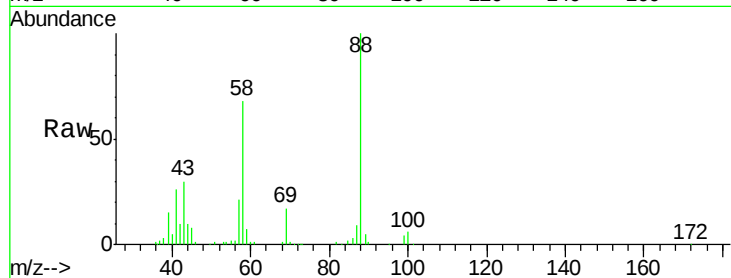
#49
 1,4-Dioxane
 Concen: 397.54 ug/l
 RT: 7.76 min Scan# 1176
 Delta R.T. -0.00 min
 Lab File: VX003010.D
 Acq: 29 Jun 2018 03:10

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0628WBSD03

Tot Ion	Ratio	Lower	Upper
88	100		
43	35.8	29.8	44.6
58	72.0	57.1	85.7

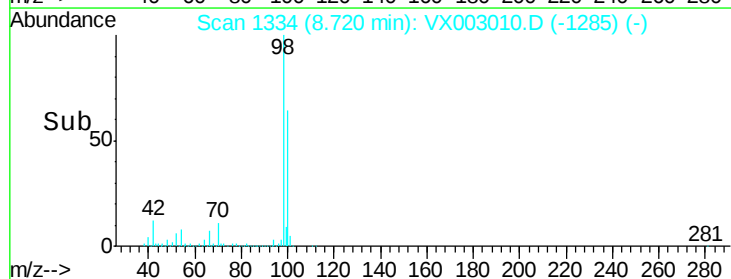
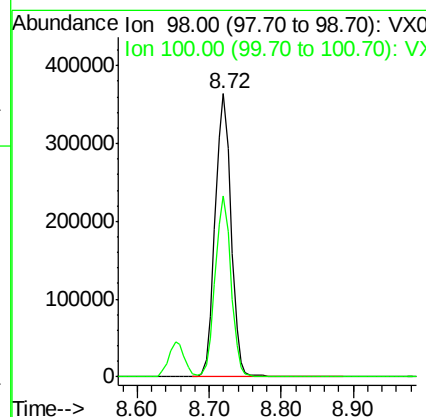
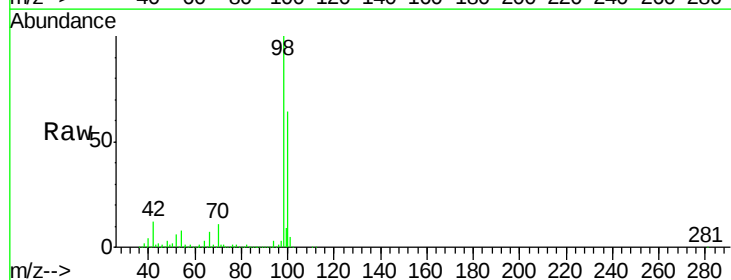
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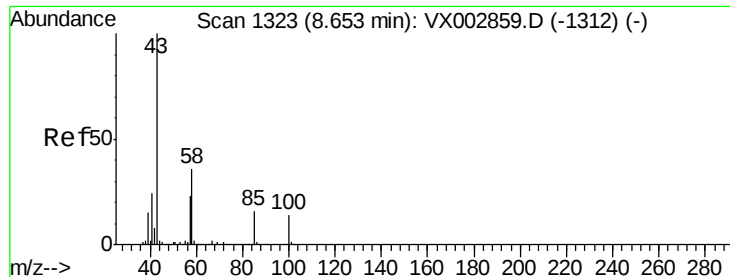
MMDadoda
 6/29/2018 12:22:55 PM



#50
 Toluene-d8
 Concen: 49.83 ug/l
 RT: 8.72 min Scan# 1334
 Delta R.T. 0.00 min
 Lab File: VX003010.D
 Acq: 29 Jun 2018 03:10

Tgt Ion	Ratio	Lower	Upper
98	100		
100	63.3	50.9	76.3





#51

4-Methyl-2-Pentanone

Concen: 100.89 ug/l

RT: 8.65 min Scan# 1323

Delta R.T. -0.00 min

Lab File: VX003010.D

Acq: 29 Jun 2018 03:10

Instrument :

MSVOA_X

ClientSampleId :

VX0628WBSD03

Tot Ion: 43 Resp: 482306

Ion Ratio Lower Upper

43 100

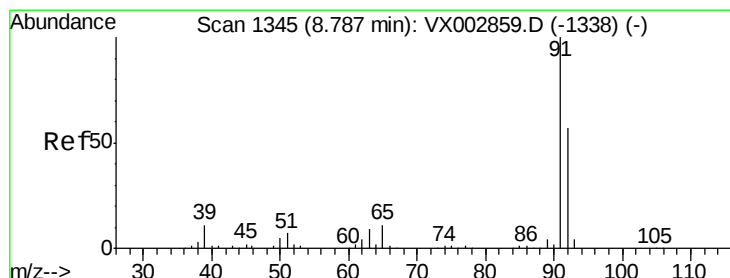
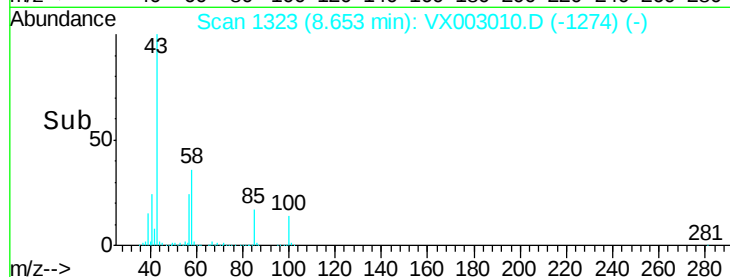
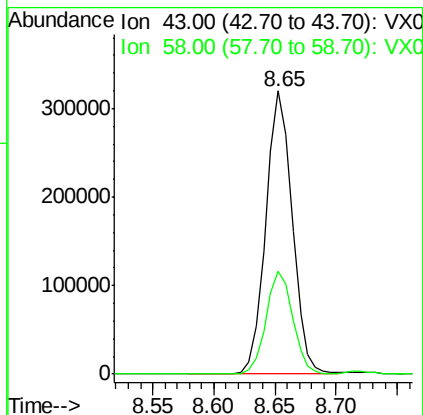
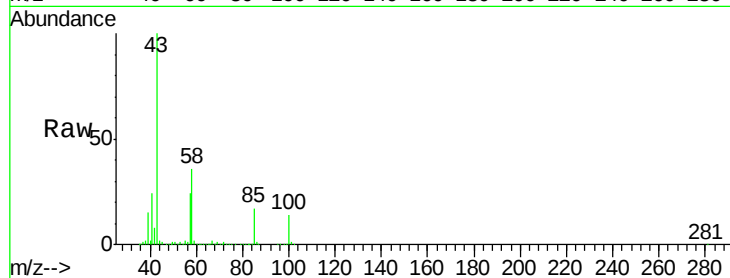
58 36.6 28.6 42.8

Manual Integrations

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#52

Toluene

Concen: 20.63 ug/l

RT: 8.79 min Scan# 1345

Delta R.T. -0.00 min

Lab File: VX003010.D

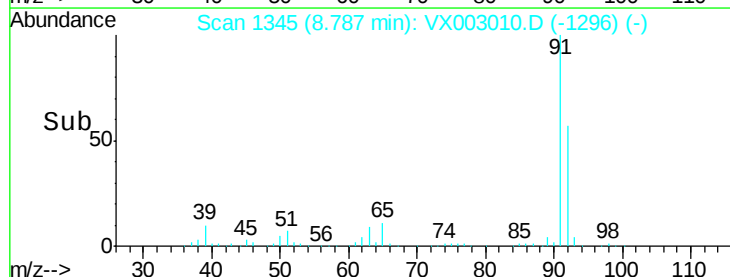
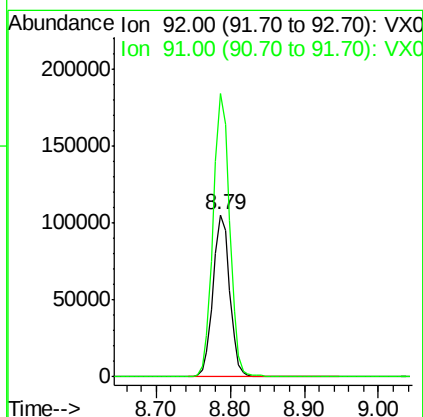
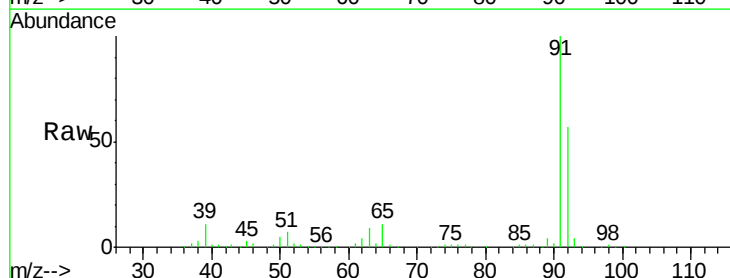
Acq: 29 Jun 2018 03:10

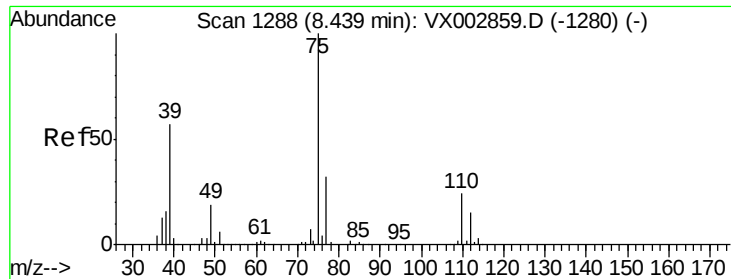
Tgt Ion: 92 Resp: 162508

Ion Ratio Lower Upper

92 100

91 173.0 140.4 210.6





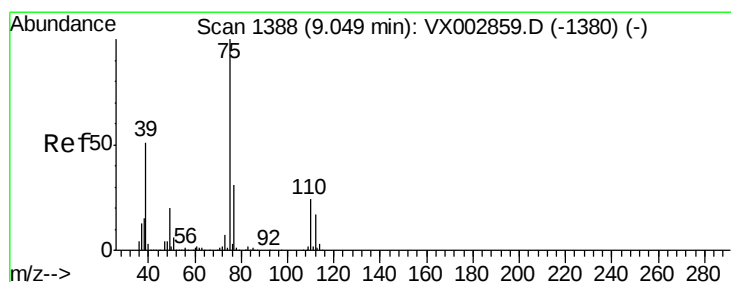
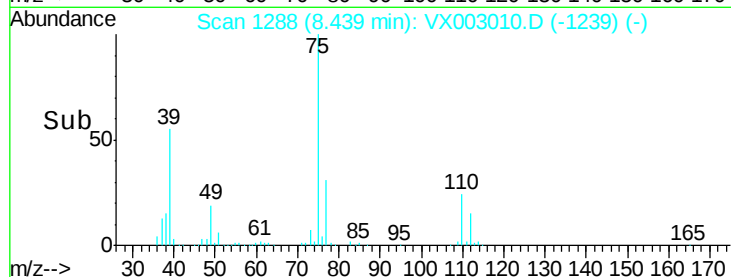
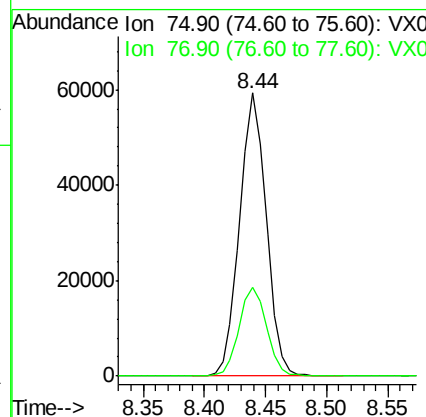
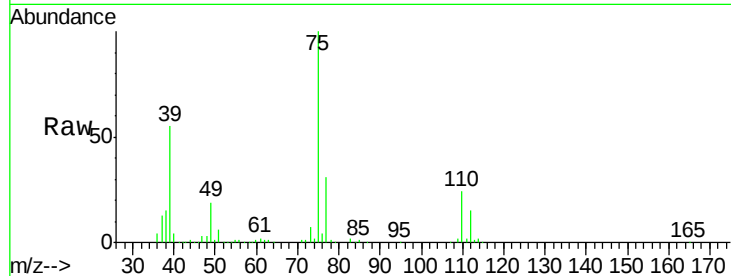
#53
t-1,3-Dichloropropene
Concen: 18.89 ug/l
RT: 8.44 min Scan# 1288
Delta R.T. -0.00 min
Lab File: VX003010.D
Acq: 29 Jun 2018 03:10

Instrument :
MSVOA_X
ClientSampleId :
VX0628WBSD03

Tot Ion	Ratio	Lower	Upper
75	100		
77	31.2	25.4	38.2

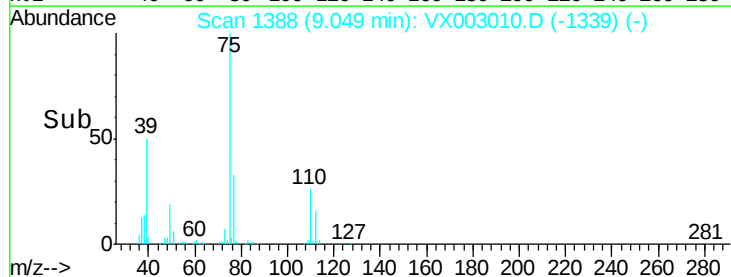
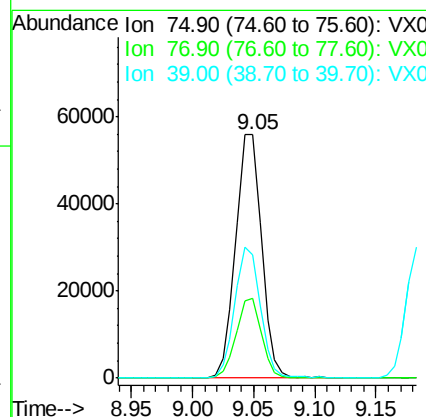
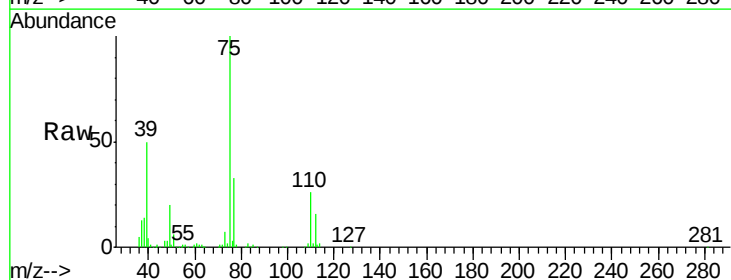
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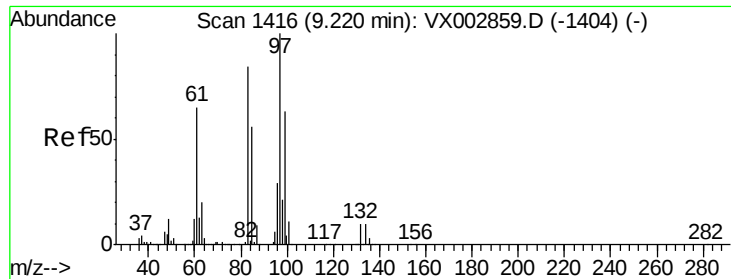
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#54
cis-1,3-Dichloropropene
Concen: 18.00 ug/l
RT: 9.05 min Scan# 1388
Delta R.T. -0.00 min
Lab File: VX003010.D
Acq: 29 Jun 2018 03:10

Tgt Ion	Ratio	Lower	Upper
75	100		
77	32.7	24.8	37.2
39	50.3	42.4	63.6





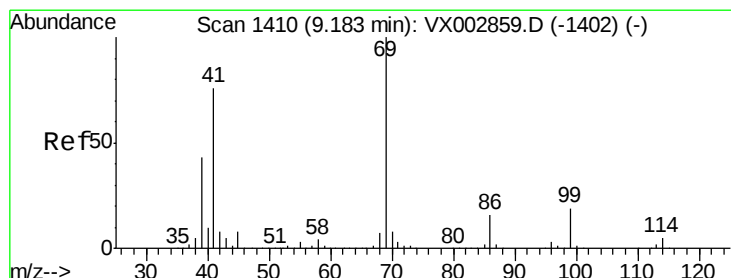
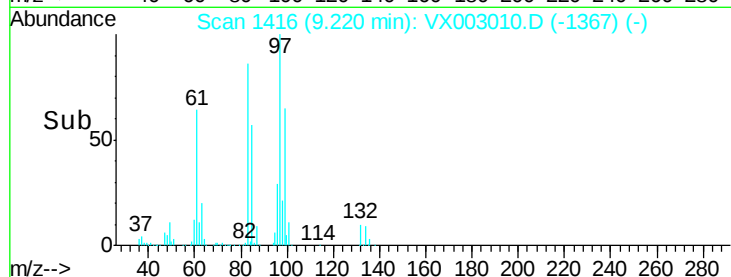
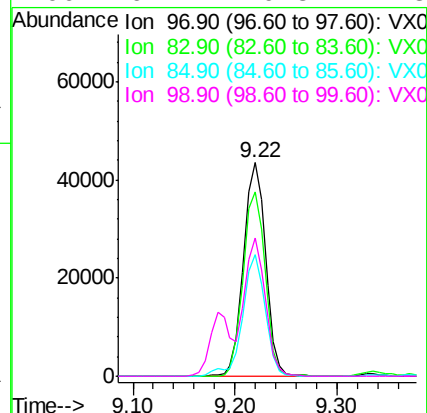
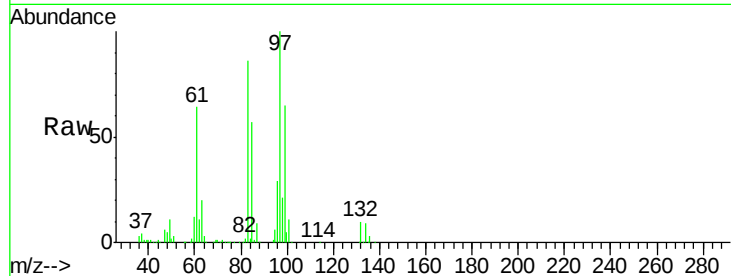
#55
 1,1,2-Trichloroethane
 Concen: 20.21 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. -0.00 min
 Lab File: VX003010.D
 Acq: 29 Jun 2018 03:10

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0628WBSD03

Tot Ion	Ratio	Lower	Upper
97	100		
83	86.4	70.2	105.2
85	57.0	44.9	67.3
99	64.7	49.8	74.8

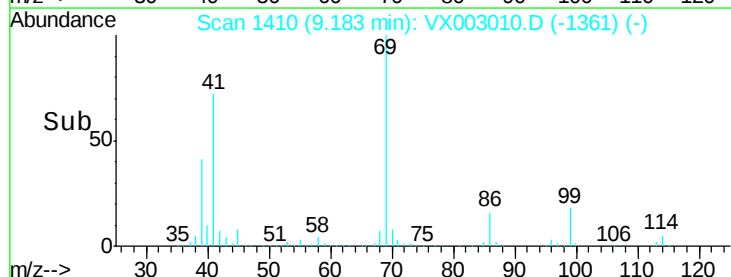
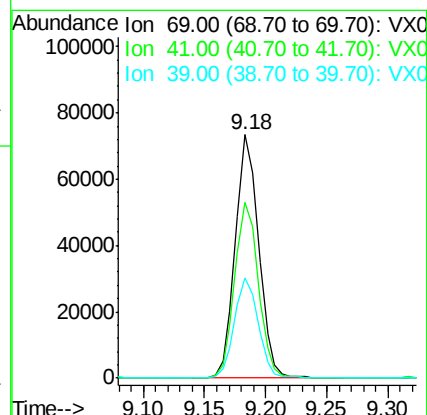
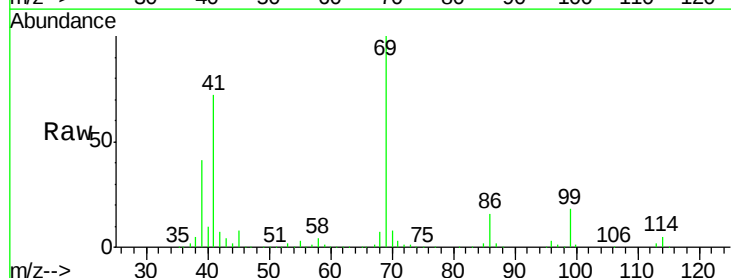
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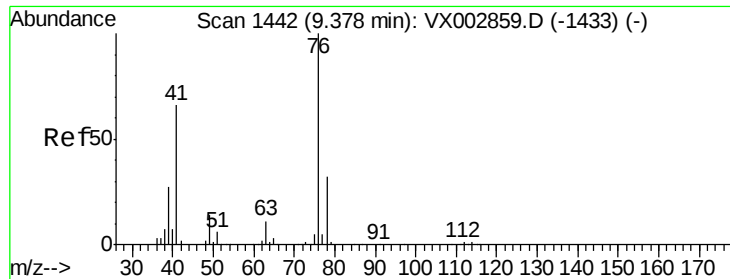
MMDadoda
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#56
 Ethyl methacrylate
 Concen: 20.56 ug/l
 RT: 9.18 min Scan# 1410
 Delta R.T. -0.00 min
 Lab File: VX003010.D
 Acq: 29 Jun 2018 03:10

Tgt Ion	Ratio	Lower	Upper
69	100		
41	73.3	60.3	90.5
39	41.4	35.8	53.8





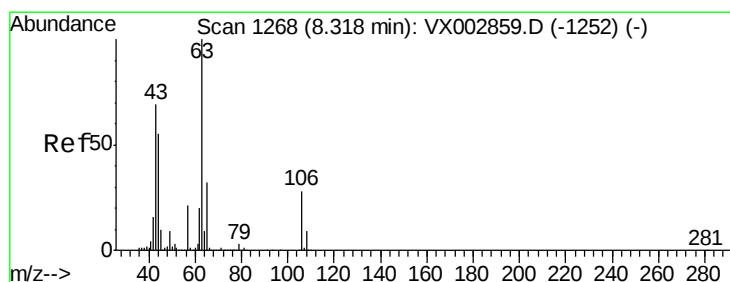
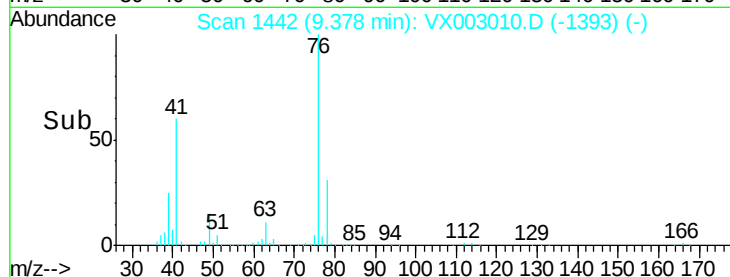
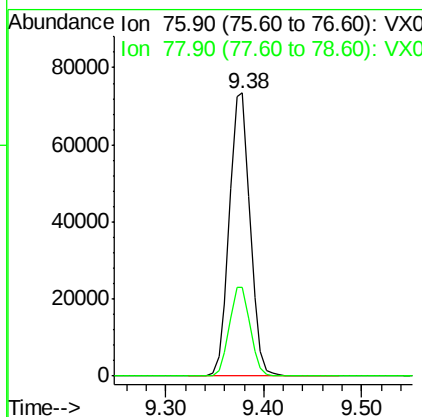
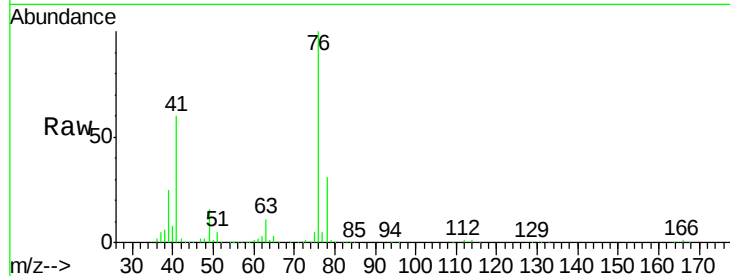
#57
 1,3-Dichloropropane
 Concen: 20.40 ug/l
 RT: 9.38 min Scan# 1442
 Delta R.T. -0.00 min
 Lab File: VX003010.D
 Acq: 29 Jun 2018 03:10

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0628WBSD03

Tot Ion: 76 Resp: 108437
 Ion Ratio Lower Upper
 76 100
 78 31.8 25.8 38.6

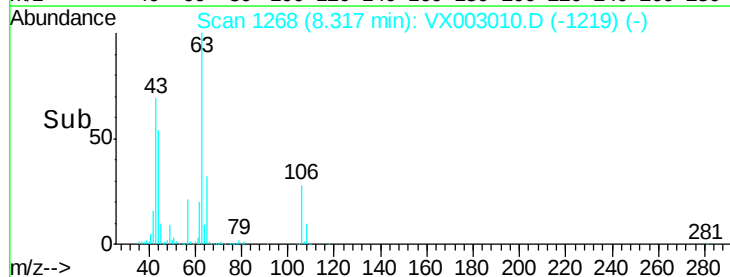
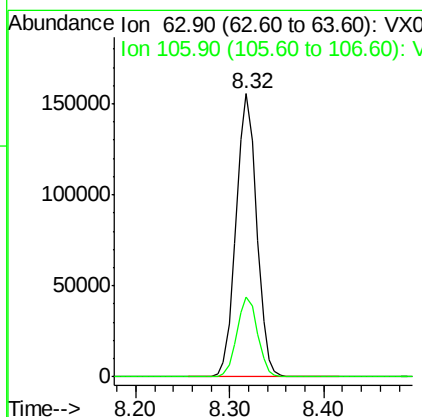
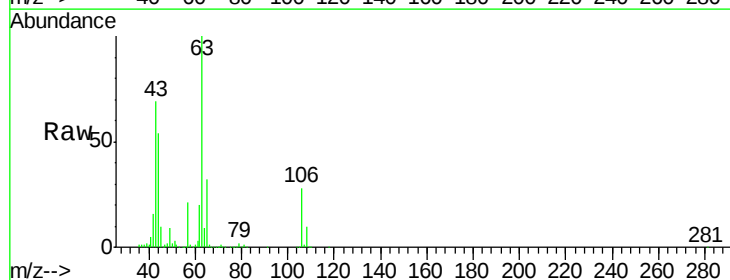
Manual Integrations
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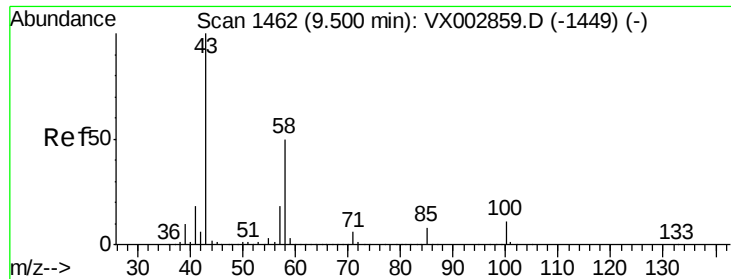
MMDadoda
 6/29/2018 12:22:55 PM



#58
 2-Chloroethyl Vinyl ether
 Concen: 104.04 ug/l
 RT: 8.32 min Scan# 1268
 Delta R.T. -0.00 min
 Lab File: VX003010.D
 Acq: 29 Jun 2018 03:10

Tgt Ion: 63 Resp: 237427
 Ion Ratio Lower Upper
 63 100
 106 28.4 21.8 32.8





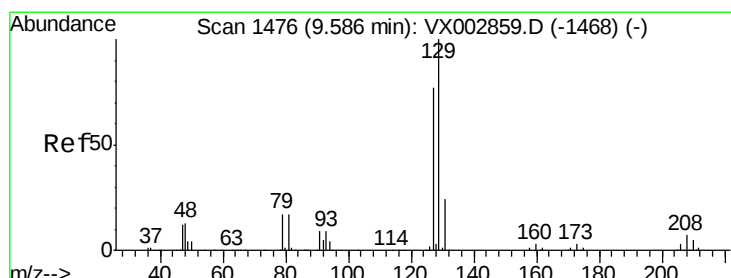
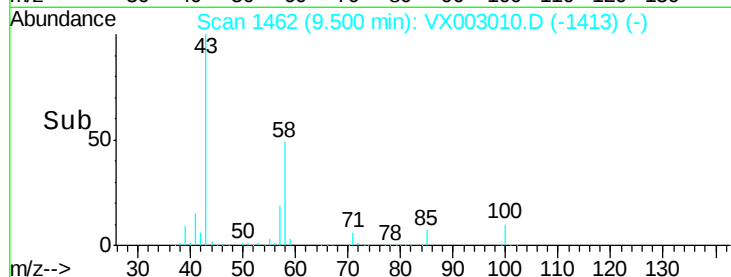
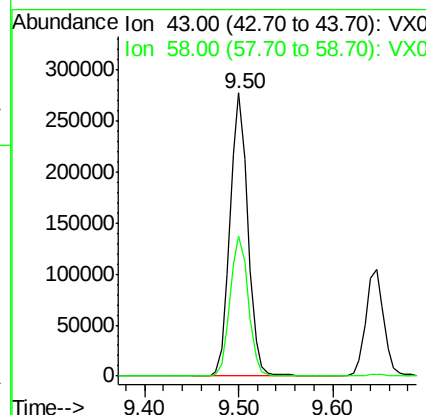
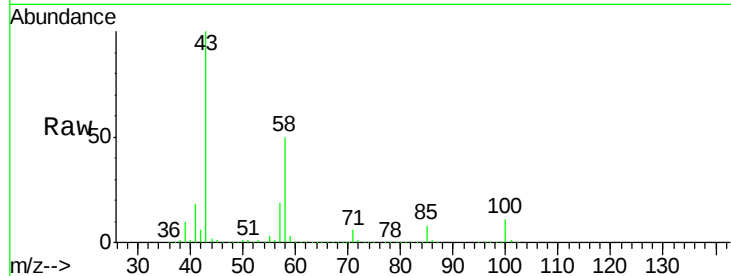
#59
2-Hexanone
Concen: 100.47 ug/l
RT: 9.50 min Scan# 1462
Delta R.T. -0.00 min
Lab File: VX003010.D
Acq: 29 Jun 2018 03:10

Instrument :
MSVOA_X
ClientSampleId :
VX0628WBSD03

Tot Ion: 43 Resp: 365024
Ion Ratio Lower Upper
43 100
58 50.7 24.6 73.6

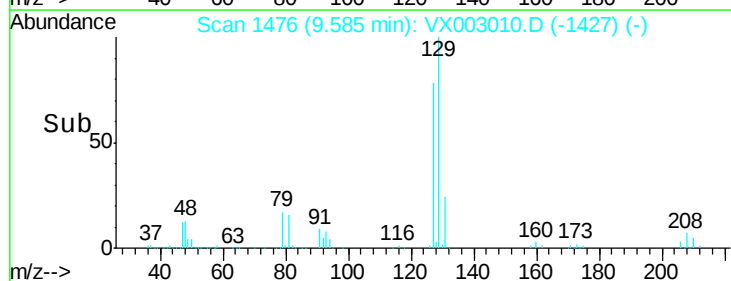
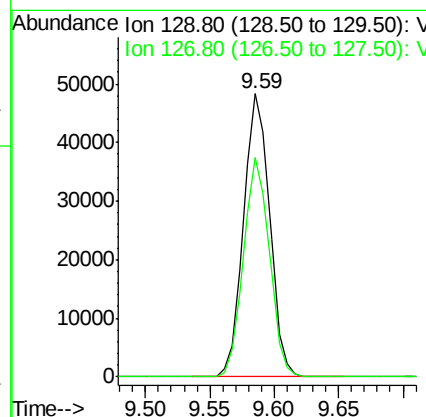
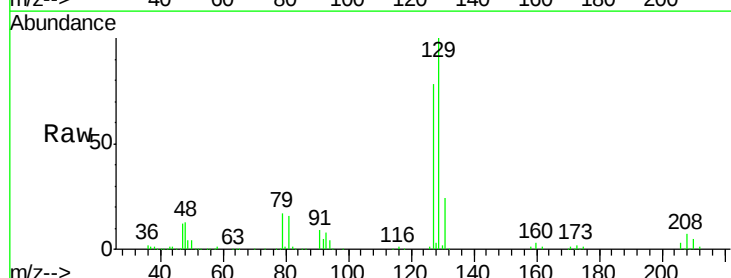
Manual Integrations
APPROVED

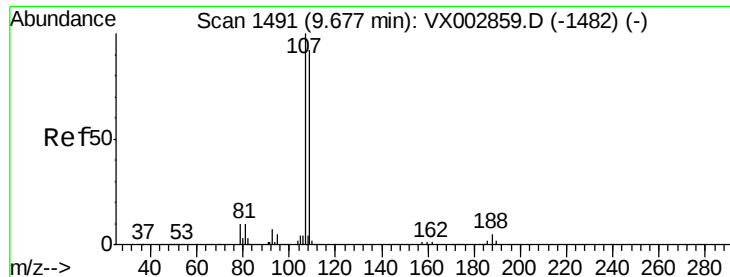
MMDadoda
6/29/2018 12:22:55 PM



#60
Dibromochloromethane
Concen: 19.88 ug/l
RT: 9.59 min Scan# 1476
Delta R.T. -0.00 min
Lab File: VX003010.D
Acq: 29 Jun 2018 03:10

Tgt Ion: 129 Resp: 67742
Ion Ratio Lower Upper
129 100
127 76.9 38.5 115.3





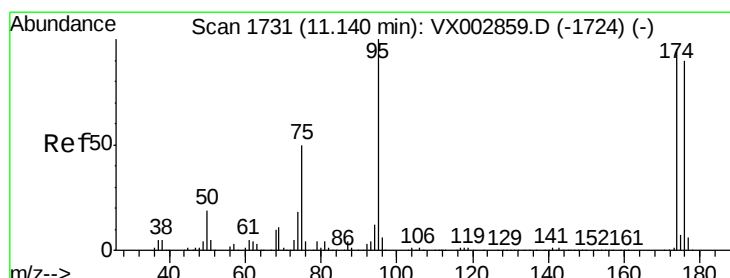
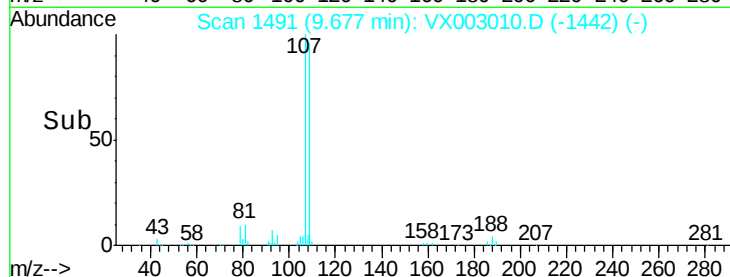
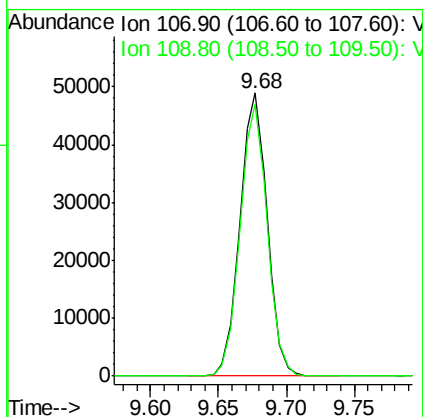
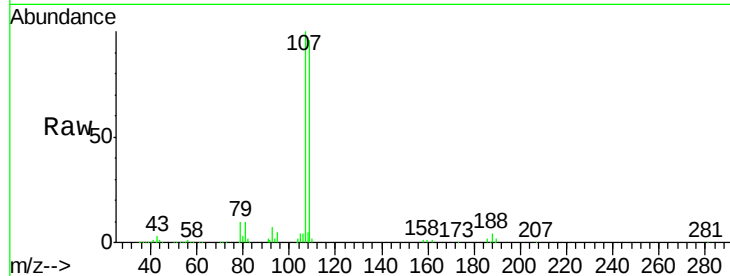
#61
 1,2-Dibromoethane
 Concen: 20.15 ug/l
 RT: 9.68 min Scan# 1491
 Delta R.T. -0.00 min
 Lab File: VX003010.D
 Acq: 29 Jun 2018 03:10

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0628WBSD03

Tot Ion	Ratio	Lower	Upper
107	100		
109	95.6	75.3	112.9

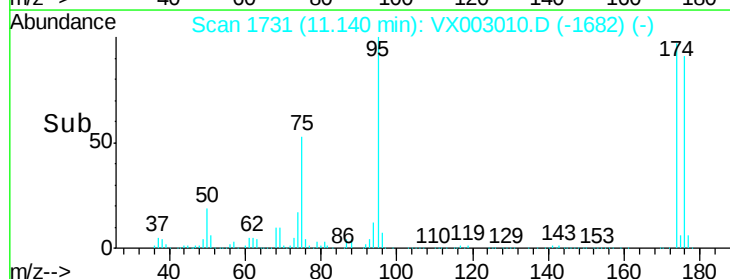
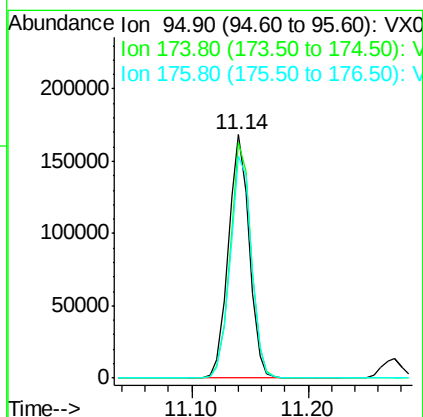
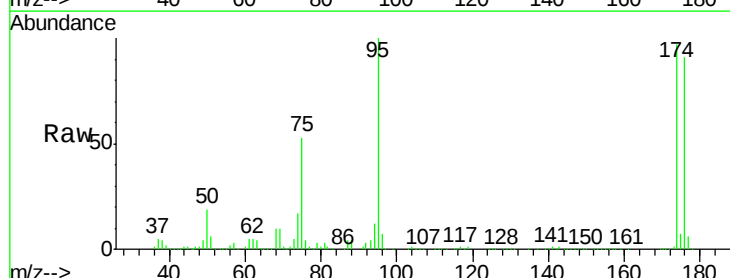
Manual Integrations
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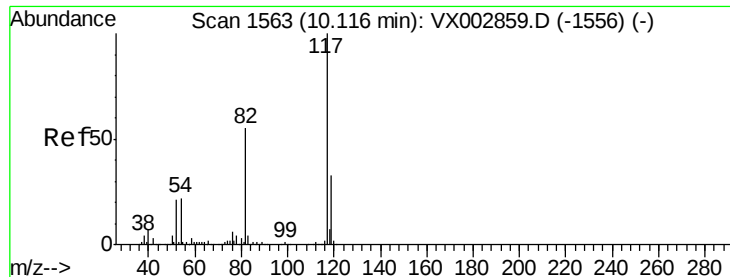
MMDadoda
 6/29/2018 12:22:55 PM



#62
 4-Bromofluorobenzene
 Concen: 48.46 ug/l
 RT: 11.14 min Scan# 1731
 Delta R.T. 0.00 min
 Lab File: VX003010.D
 Acq: 29 Jun 2018 03:10

Tgt Ion	Ratio	Lower	Upper
95	100		
174	97.4	0.0	187.4
176	94.1	0.0	181.0





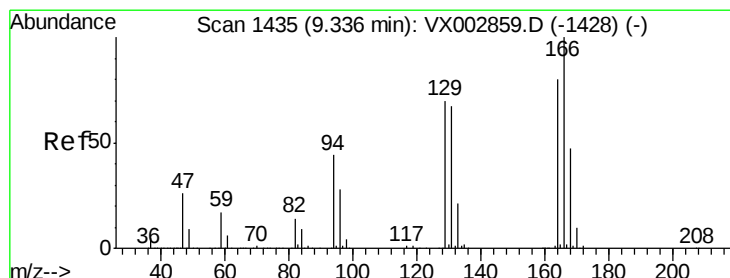
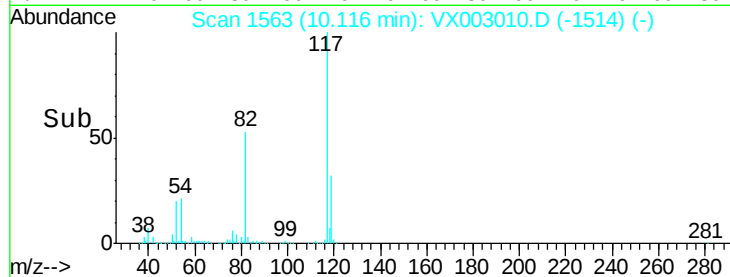
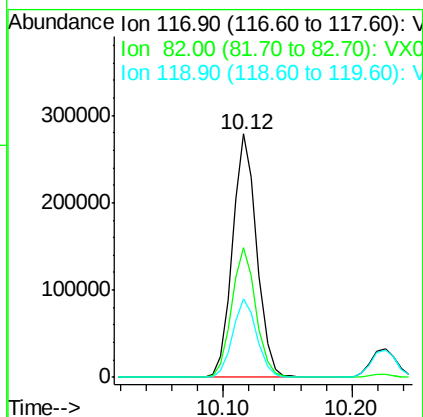
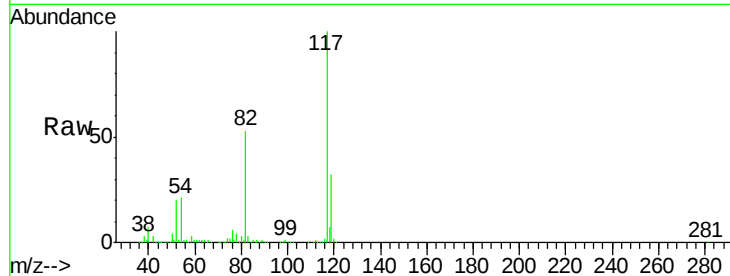
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX003010.D
Acq: 29 Jun 2018 03:10

Instrument :
MSVOA_X
ClientSampleId :
VX0628WBSD03

Tot Ion	Ratio	Lower	Upper
117	100		
82	53.2	45.0	67.4
119	32.4	25.8	38.6

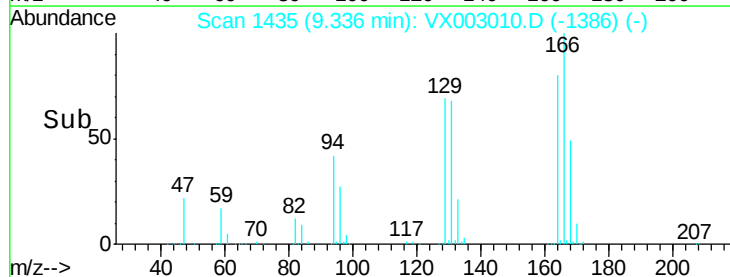
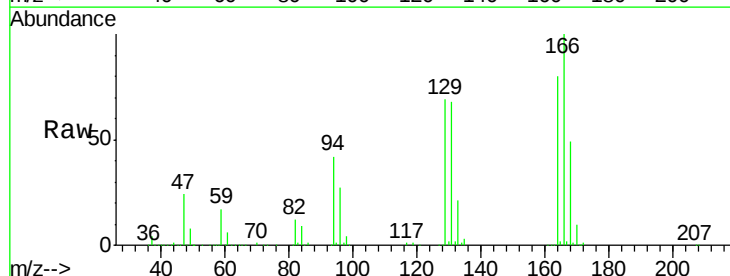
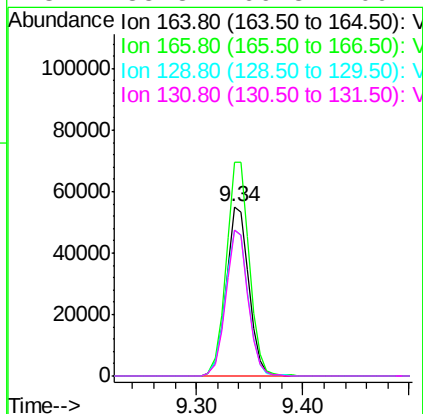
Manual Integrations
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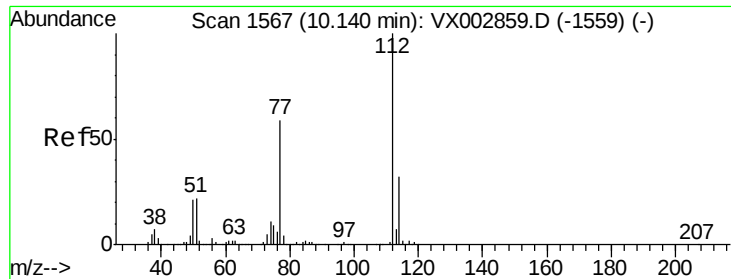
MMDadoda
6/29/2018 12:22:55 PM



#64
Tetrachloroethene
Concen: 20.06 ug/l
RT: 9.34 min Scan# 1435
Delta R.T. -0.00 min
Lab File: VX003010.D
Acq: 29 Jun 2018 03:10

Tgt Ion	Ratio	Lower	Upper
164	100		
166	125.8	102.9	154.3
129	86.2	68.6	102.8
131	85.8	66.8	100.2





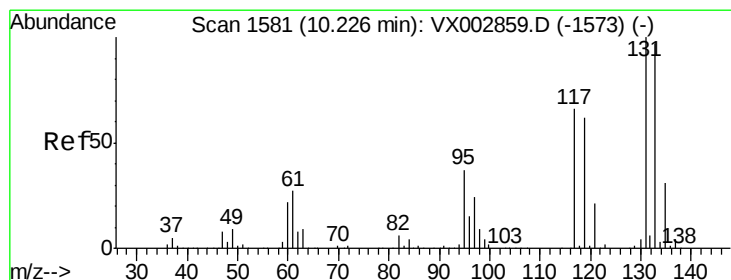
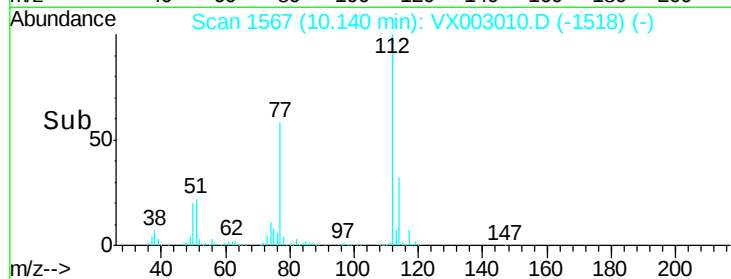
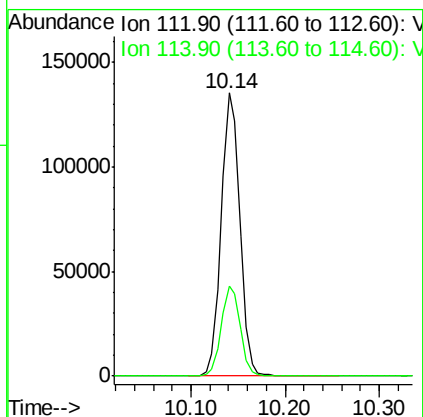
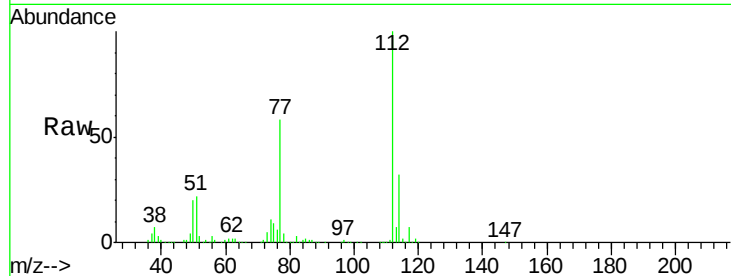
#65
Chlorobenzene
Concen: 20.03 ug/l
RT: 10.14 min Scan# 1567
Delta R.T. -0.00 min
Lab File: VX003010.D
Acq: 29 Jun 2018 03:10

Instrument :
MSVOA_X
ClientSampleId :
VX0628WBSD03

Tot Ion:112 Resp: 186105
Ion Ratio Lower Upper
112 100
114 32.0 25.3 37.9

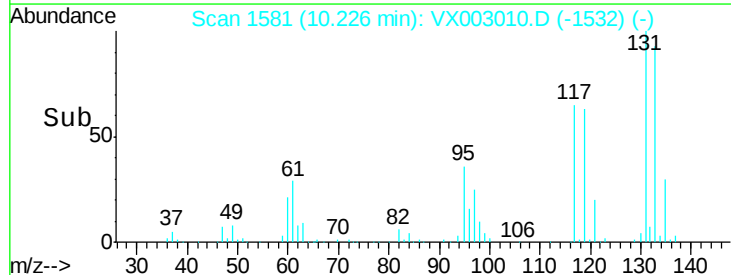
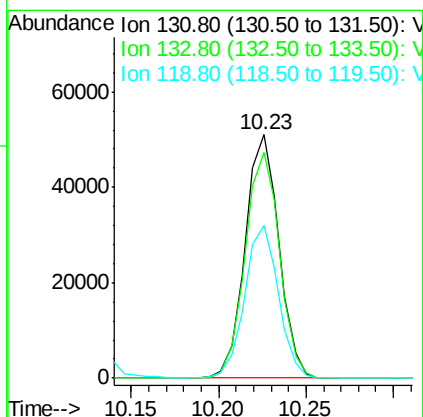
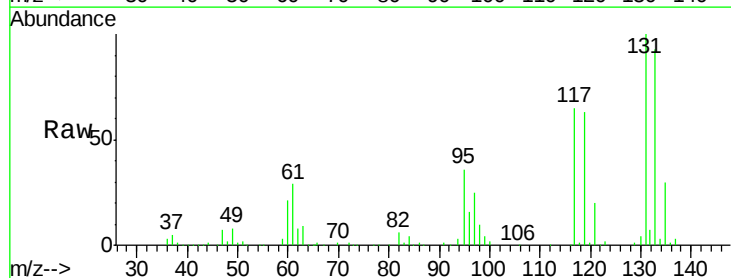
Manual Integrations
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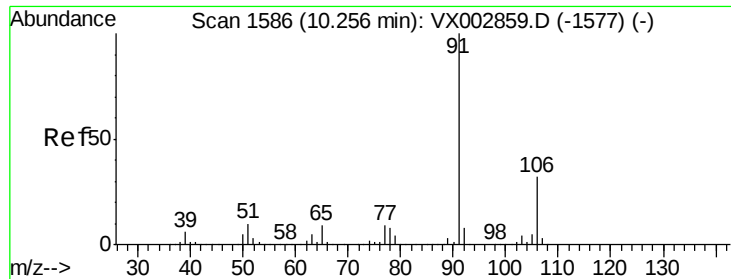
MMDadoda
6/29/2018 12:22:55 PM



#66
1,1,1,2-Tetrachloroethane
Concen: 20.21 ug/l
RT: 10.23 min Scan# 1581
Delta R.T. -0.00 min
Lab File: VX003010.D
Acq: 29 Jun 2018 03:10

Tgt Ion:131 Resp: 68219
Ion Ratio Lower Upper
131 100
133 94.5 47.9 143.6
119 62.8 31.8 95.3





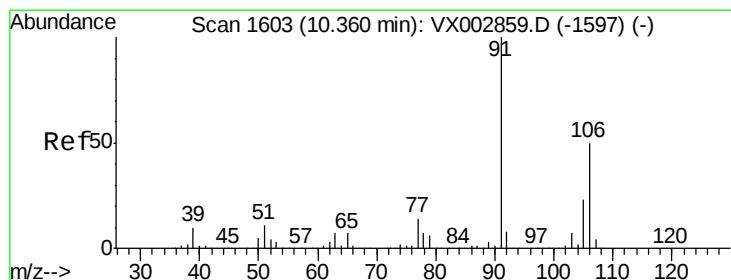
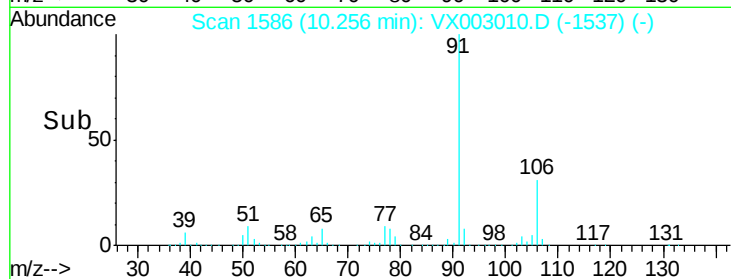
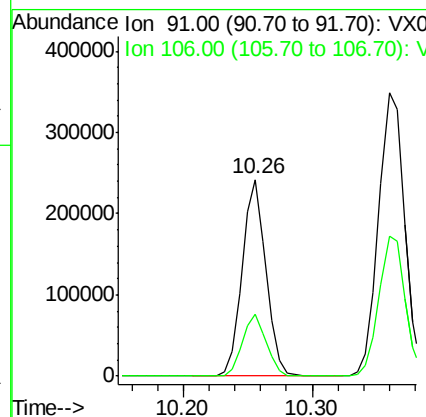
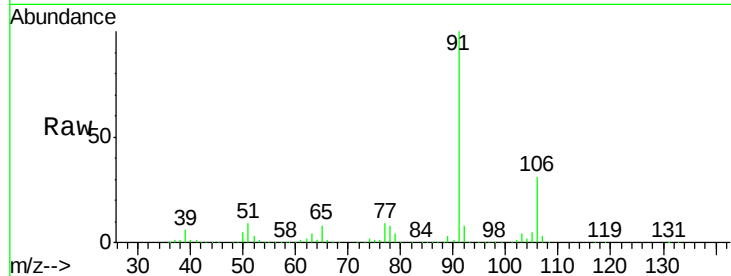
#67
Ethyl Benzene
Concen: 20.13 ug/l
RT: 10.26 min Scan# 1586
Delta R.T. -0.00 min
Lab File: VX003010.D
Acq: 29 Jun 2018 03:10

Instrument :
MSVOA_X
ClientSampleId :
VX0628WBSD03

Tot Ion: 91 Resp: 308945
Ion Ratio Lower Upper
91 100
106 31.3 25.5 38.3

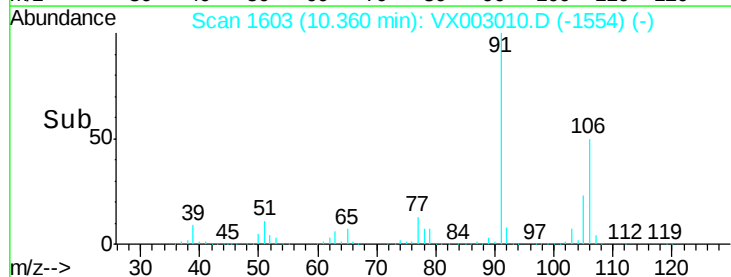
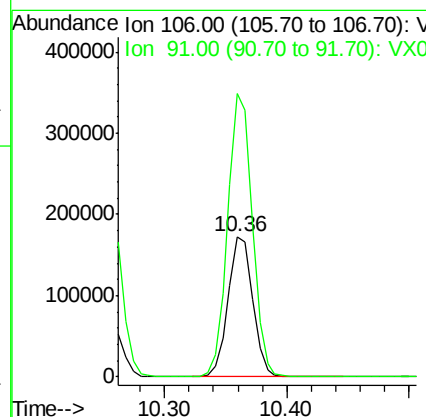
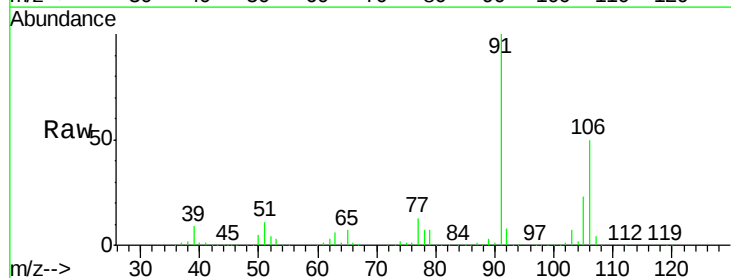
Manual Integrations
APPROVED

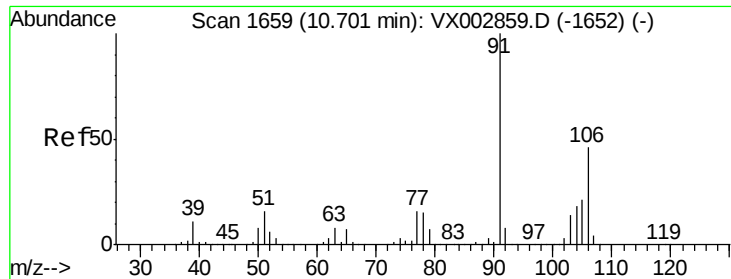
MMDadoda
6/29/2018 12:22:55 PM



#68
m/p-Xylenes
Concen: 40.70 ug/l
RT: 10.36 min Scan# 1603
Delta R.T. -0.00 min
Lab File: VX003010.D
Acq: 29 Jun 2018 03:10

Tgt Ion: 106 Resp: 240769
Ion Ratio Lower Upper
106 100
91 201.3 163.4 245.2





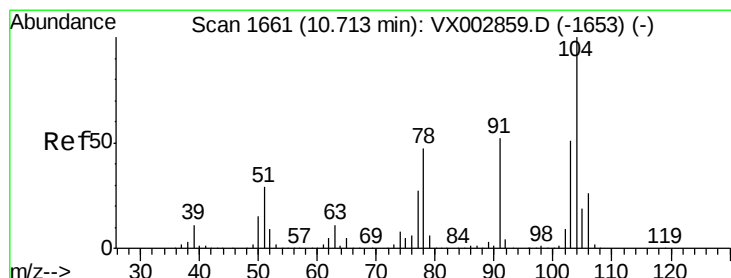
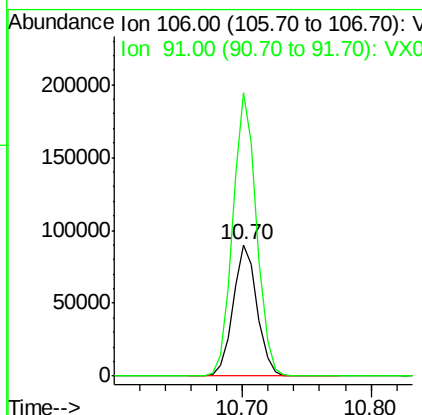
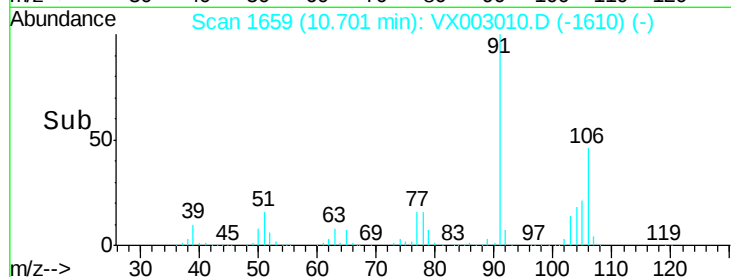
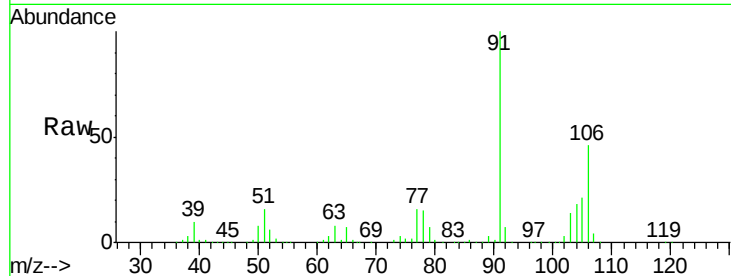
#69
o-Xylene
Concen: 20.22 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. -0.00 min
Lab File: VX003010.D
Acq: 29 Jun 2018 03:10

Instrument :
MSVOA_X
ClientSampleId :
VX0628WBSD03

Tot Ion:106 Resp: 116500
Ion Ratio Lower Upper
106 100
91 214.5 108.2 324.6

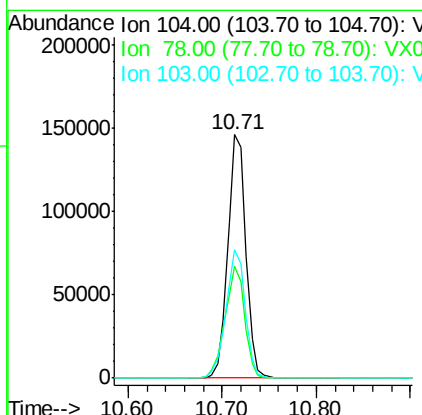
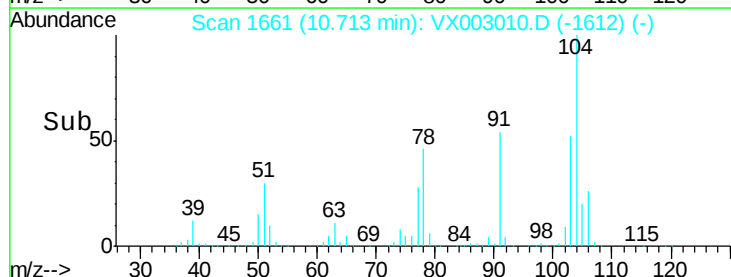
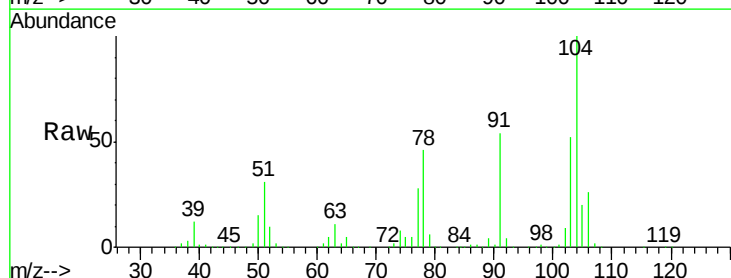
Manual Integrations
APPROVED

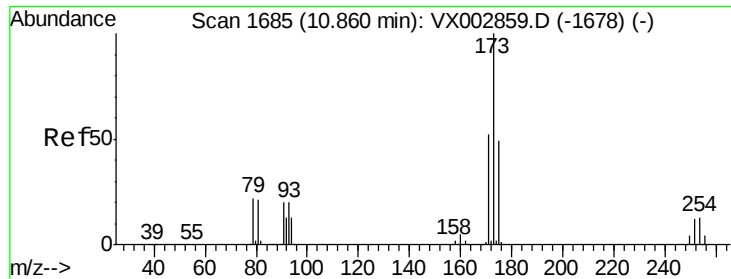
MMDadoda
6/29/2018 12:22:55 PM



#70
Styrene
Concen: 20.79 ug/l
RT: 10.71 min Scan# 1661
Delta R.T. -0.00 min
Lab File: VX003010.D
Acq: 29 Jun 2018 03:10

Tgt Ion:104 Resp: 194627
Ion Ratio Lower Upper
104 100
78 49.9 41.0 61.6
103 55.8 44.2 66.4





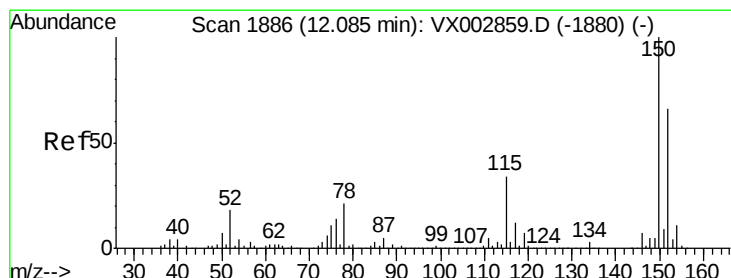
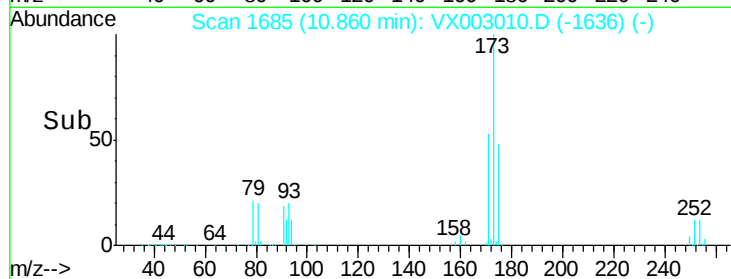
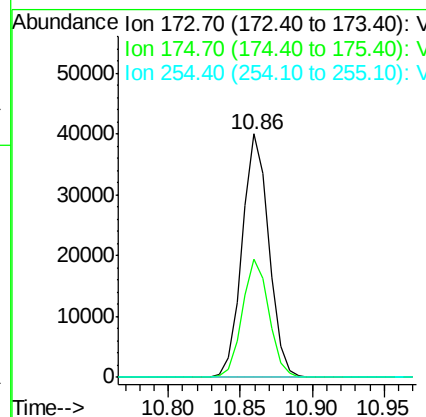
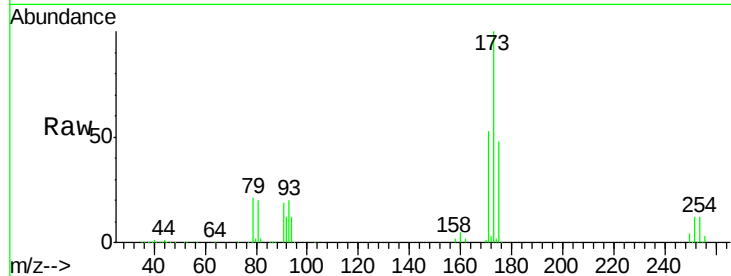
#71
Bromoform
Concen: 19.53 ug/l
RT: 10.86 min Scan# 1685
Delta R.T. 0.00 min
Lab File: VX003010.D
Acq: 29 Jun 2018 03:10

Instrument :
MSVOA_X
ClientSampleId :
VX0628WBSD03

Tot Ion	Ratio	Lower	Upper
173	100		
175	48.2	24.7	74.1
254	0.2	0.2	0.2

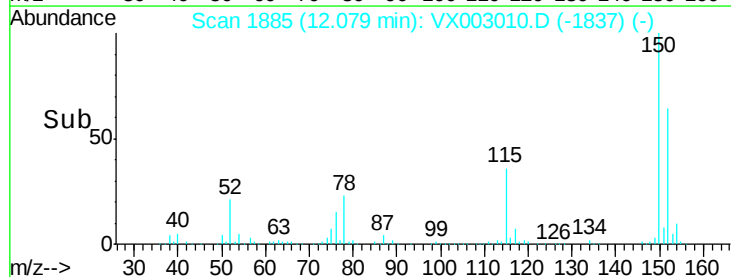
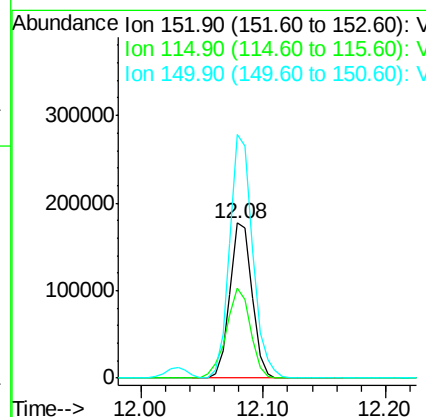
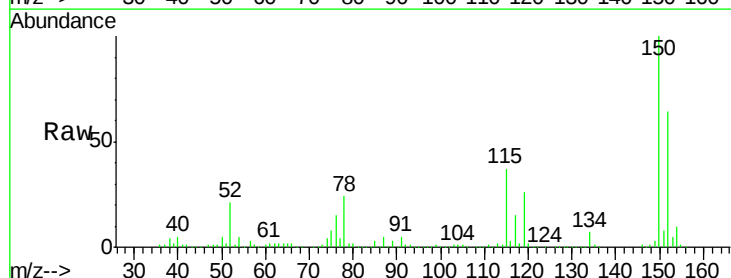
Manual Integrations
APPROVED

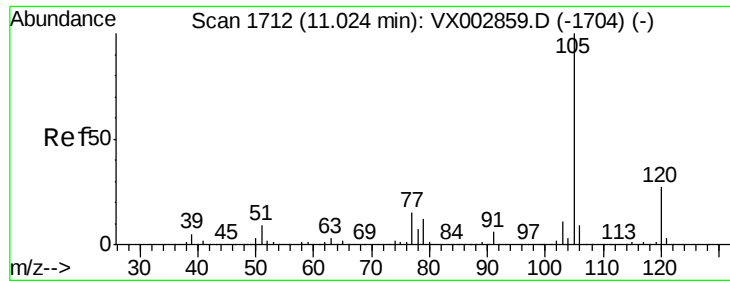
MMDadoda
6/29/2018 12:22:55 PM



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.08 min Scan# 1885
Delta R.T. -0.01 min
Lab File: VX003010.D
Acq: 29 Jun 2018 03:10

Tgt Ion	Ratio	Lower	Upper
152	100		
115	63.9	40.1	120.2
150	163.6	0.0	347.2





#73

Isopropylbenzene

Concen: 20.86 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. -0.00 min

Lab File: VX003010.D

Acq: 29 Jun 2018 03:10

Instrument :

MSVOA_X

ClientSampleId :

VX0628WBSD03

Tot Ion: 105 Resp: 309944

Ion Ratio Lower Upper

105 100

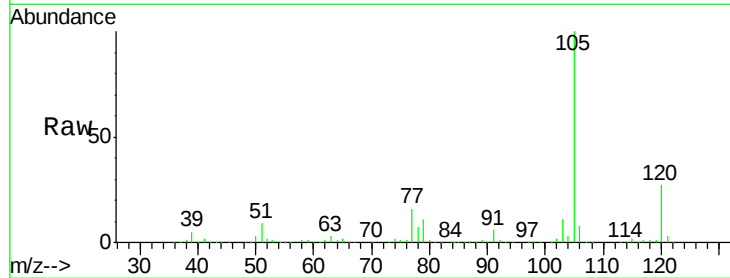
120 27.1 13.5 40.4

Manual Integrations

APPROVED

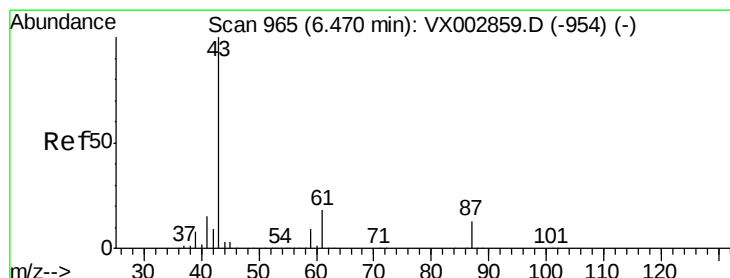
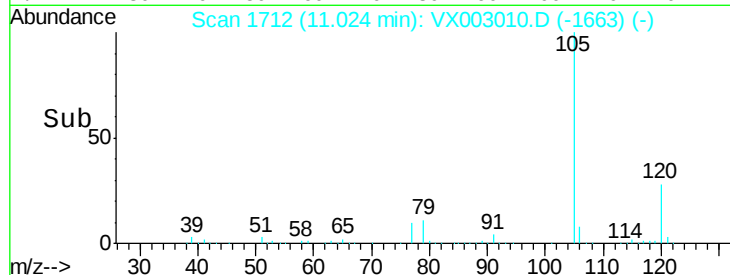
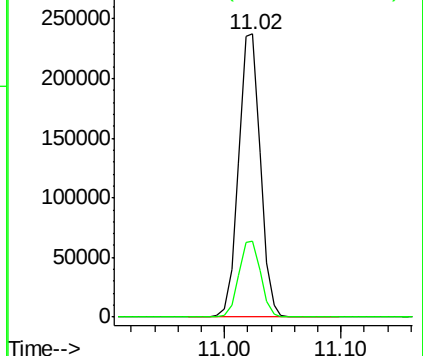
MMDadoda

6/29/2018 12:22:55 PM



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 20.59 ug/l

RT: 6.47 min Scan# 965

Delta R.T. -0.00 min

Lab File: VX003010.D

Acq: 29 Jun 2018 03:10

Tgt Ion: 43 Resp: 149699

Ion Ratio Lower Upper

43 100

70 0.0 0.0 0.0

55 0.1 0.0 0.0#

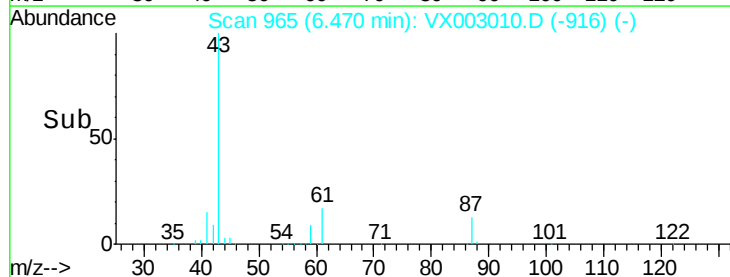
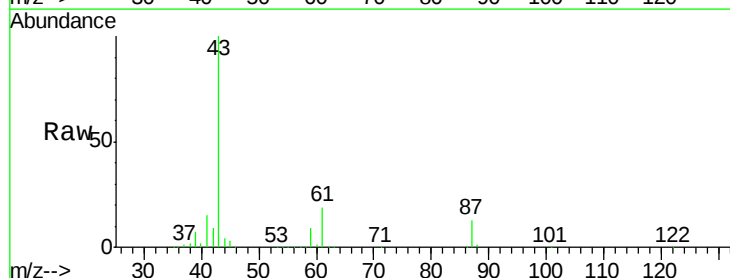
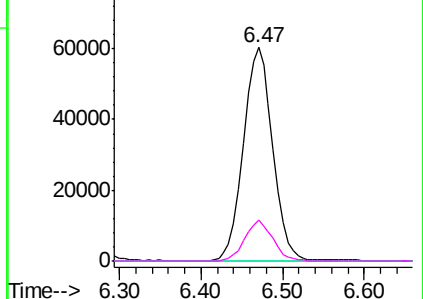
61 18.4 14.4 21.6

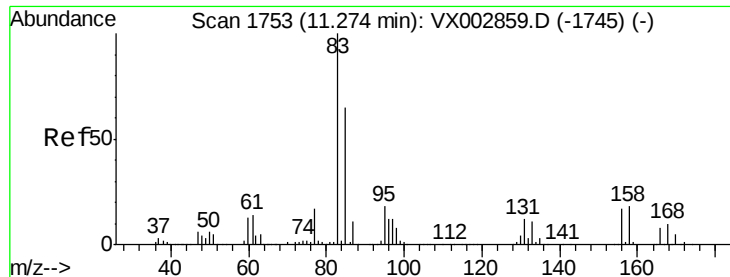
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 21.27 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. -0.00 min

Lab File: VX003010.D

Acq: 29 Jun 2018 03:10

Instrument :

MSVOA_X

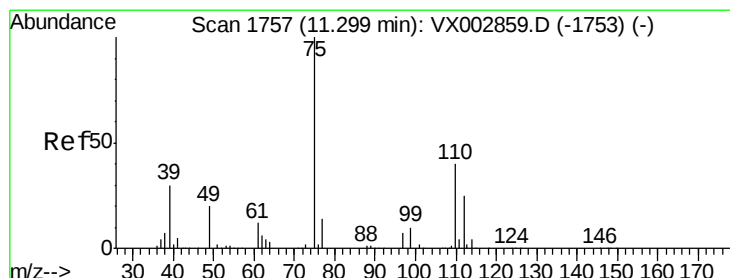
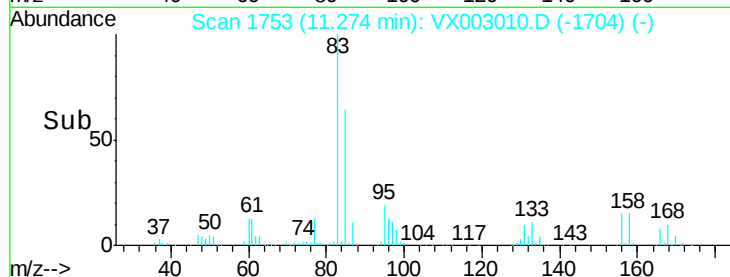
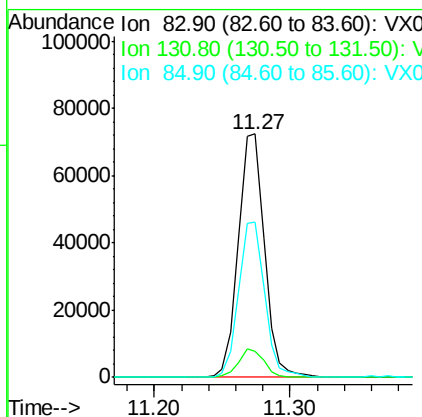
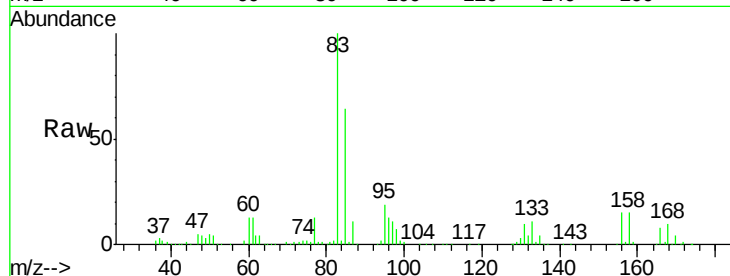
ClientSampleId :

VX0628WBSD03

Tot Ion:	83	Resp:	97363
Ion Ratio	Lower	Upper	
83	100		
131	11.4	5.6	16.8
85	63.8	32.4	97.2

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#76

1,2,3-Trichloropropane

Concen: 20.79 ug/l m

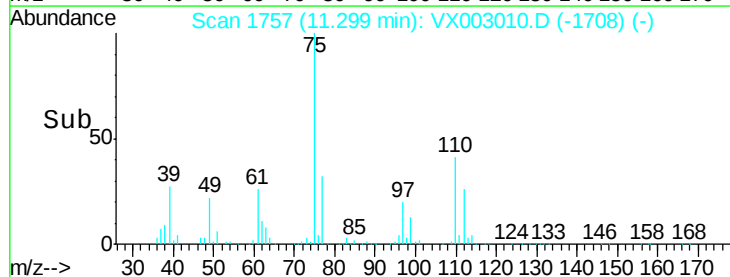
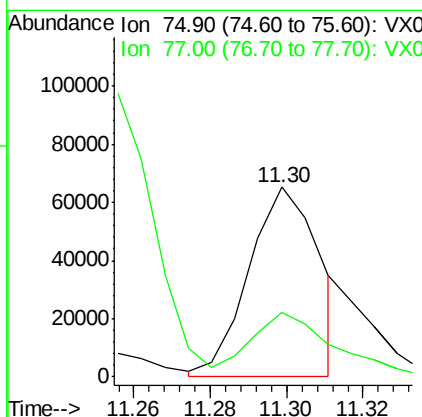
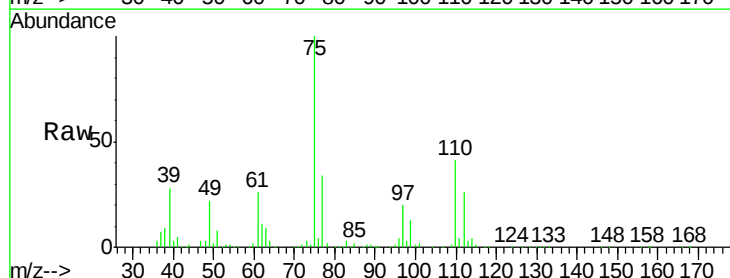
RT: 11.30 min Scan# 1757

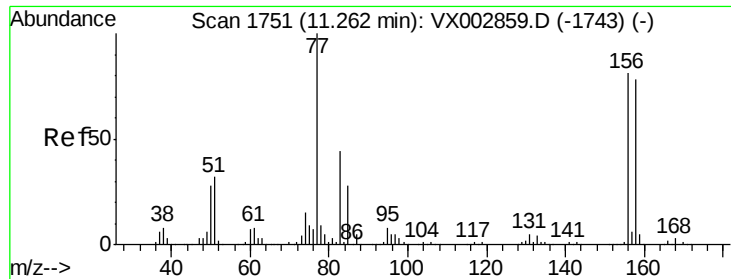
Delta R.T. -0.00 min

Lab File: VX003010.D

Acq: 29 Jun 2018 03:10

Tgt Ion:	75	Resp:	83186
Ion Ratio	Lower	Upper	
75	100		
77	40.2	22.8	68.3





#77

Bromobenzene

Concen: 20.77 ug/l

RT: 11.26 min Scan# 1750

Delta R.T. -0.01 min

Lab File: VX003010.D

Acq: 29 Jun 2018 03:10

Instrument :

MSVOA_X

ClientSampleId :

VX0628WBSD03

Tot Ion:156 Resp: 87895

Ion Ratio Lower Upper

156 100

77 137.0 71.4 214.2

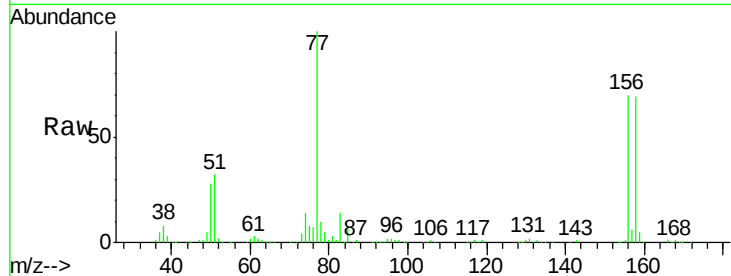
158 97.2 48.9 146.6

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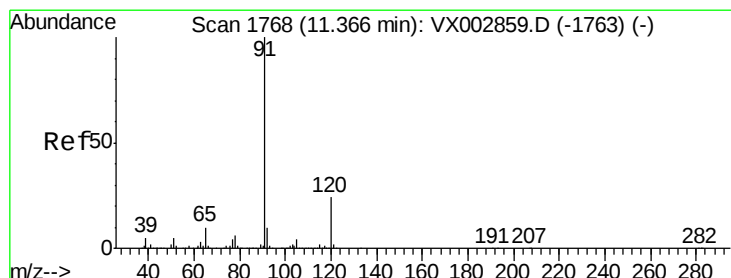
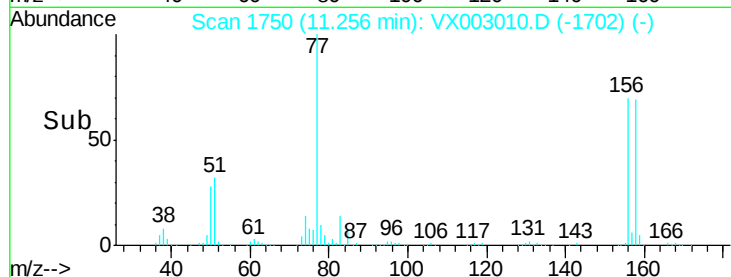
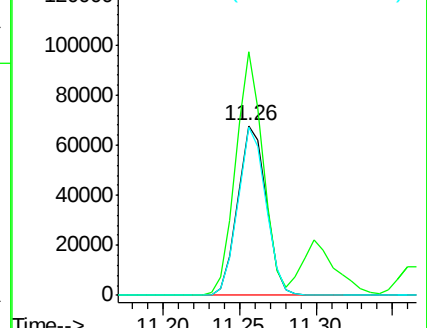
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Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 20.31 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. -0.00 min

Lab File: VX003010.D

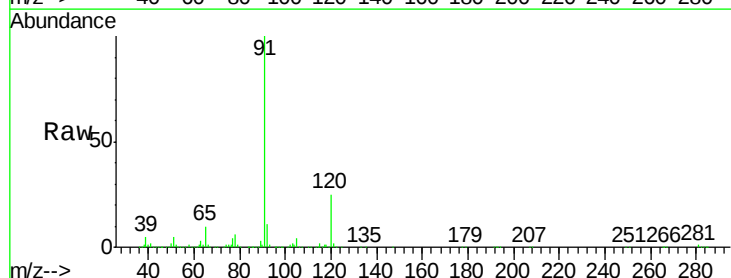
Acq: 29 Jun 2018 03:10

Tgt Ion: 91 Resp: 343521

Ion Ratio Lower Upper

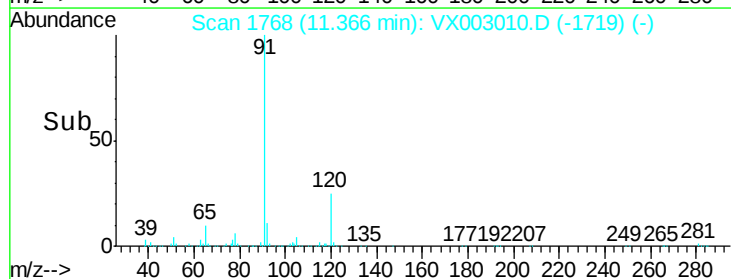
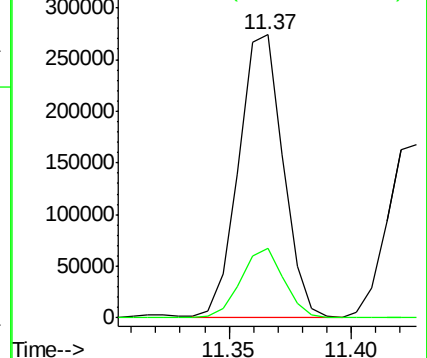
91 100

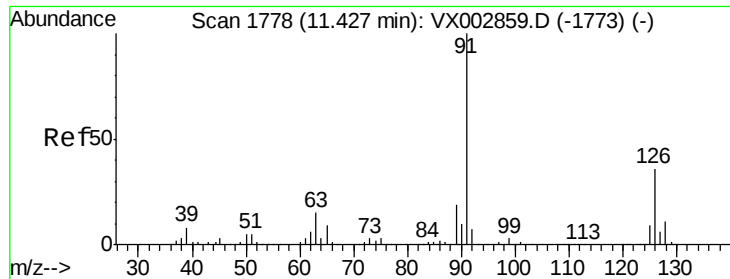
120 24.1 11.8 35.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





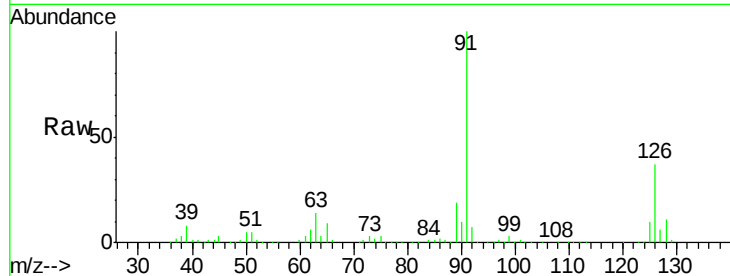
#79
 2-Chlorotoluene
 Concen: 20.79 ug/l
 RT: 11.43 min Scan# 1778
 Delta R.T. -0.00 min
 Lab File: VX003010.D
 Acq: 29 Jun 2018 03:10

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0628WBSD03

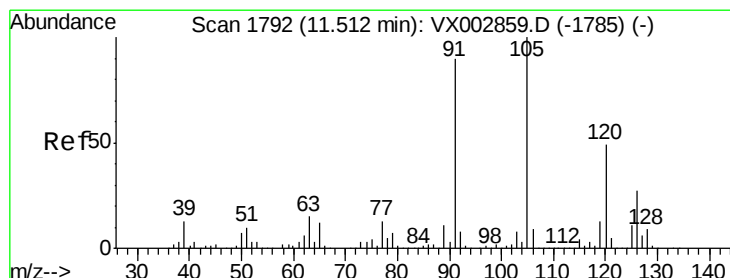
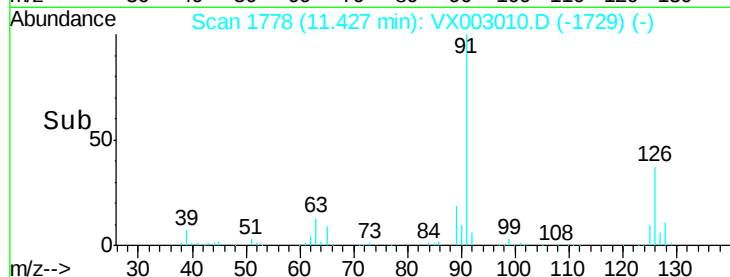
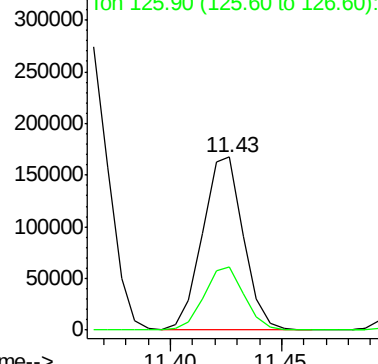
Tot Ion: 91 Resp: 212948
 Ion Ratio Lower Upper
 91 100
 126 36.3 17.7 53.1

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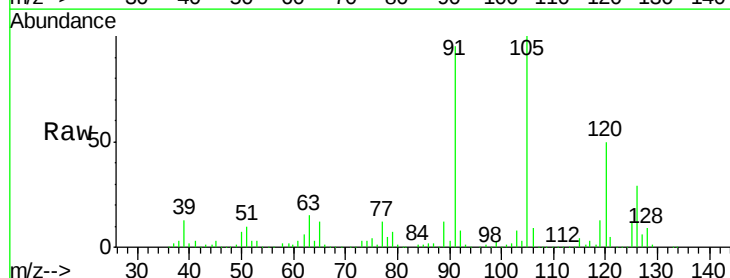


Abundance Ion 91.00 (90.70 to 91.70): VX0
 Ion 125.90 (125.60 to 126.60): V

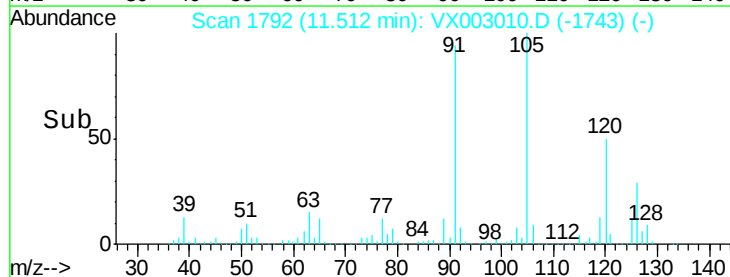
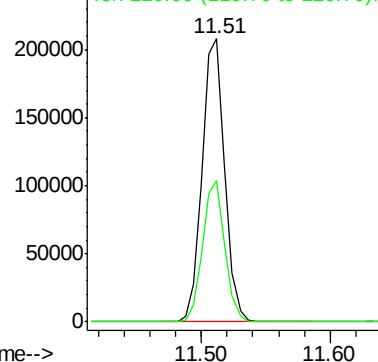


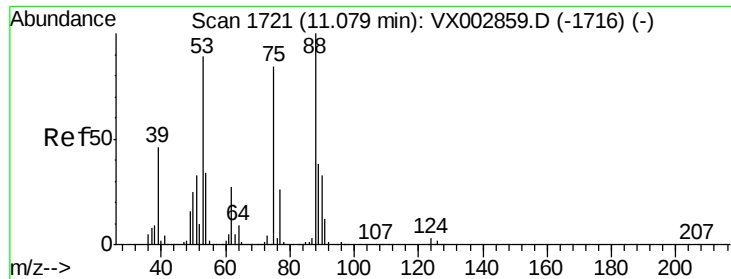
#80
 1,3,5-Trimethylbenzene
 Concen: 20.45 ug/l
 RT: 11.51 min Scan# 1792
 Delta R.T. -0.00 min
 Lab File: VX003010.D
 Acq: 29 Jun 2018 03:10

Tgt Ion: 105 Resp: 256015
 Ion Ratio Lower Upper
 105 100
 120 49.0 24.4 73.4



Abundance Ion 105.00 (104.70 to 105.70): V
 Ion 120.00 (119.70 to 120.70): V





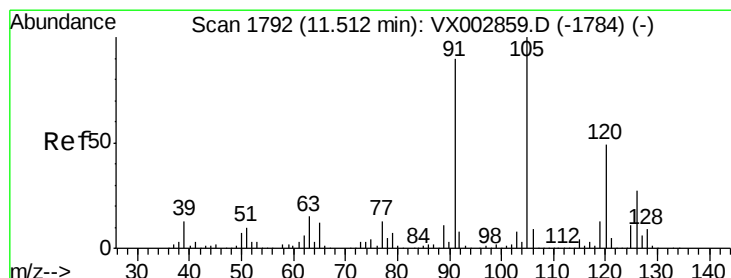
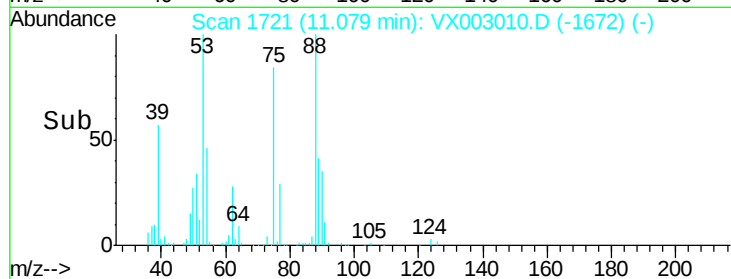
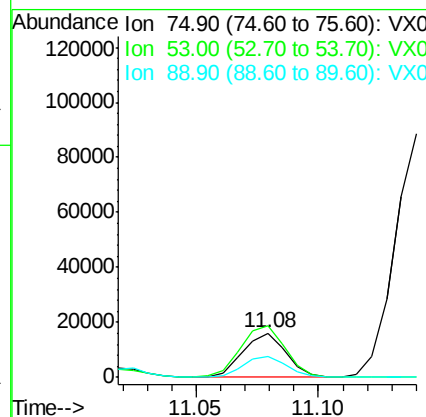
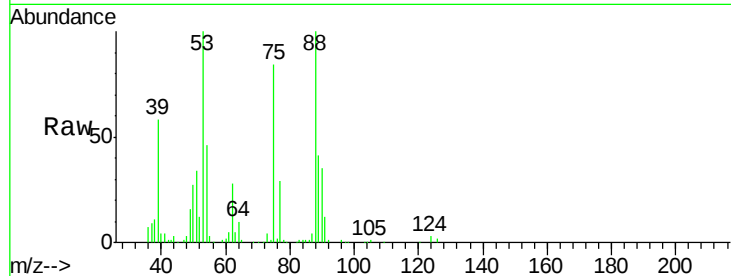
#81
trans-1,4-Dichloro-2-butene
Concen: 16.71 ug/l
RT: 11.08 min Scan# 1721
Delta R.T. 0.00 min
Lab File: VX003010.D
Acq: 29 Jun 2018 03:10

Instrument :
MSVOA_X
ClientSampleId :
VX0628WBSD03

Tot Ion	Ratio	Lower	Upper
75	100		
53	121.2	86.8	130.2
89	48.6	38.2	57.2

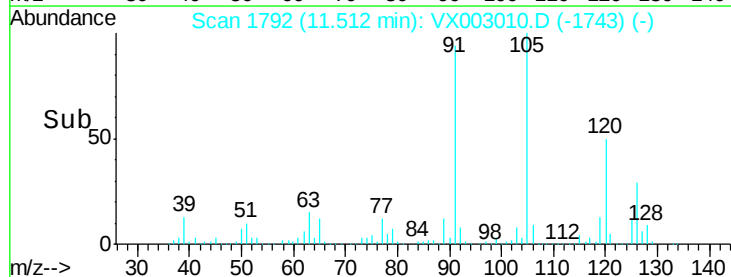
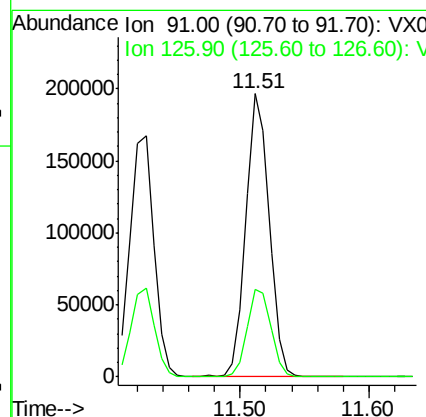
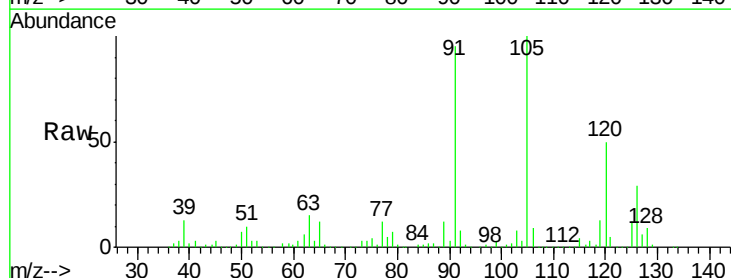
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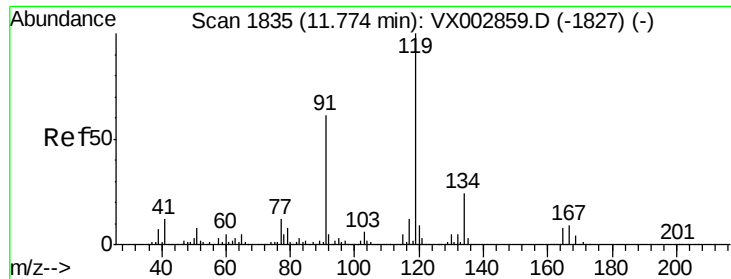
MMDadoda
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#82
4-Chlorotoluene
Concen: 20.25 ug/l
RT: 11.51 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX003010.D
Acq: 29 Jun 2018 03:10

Tgt Ion	Ratio	Lower	Upper
91	100		
126	31.6	15.4	46.4





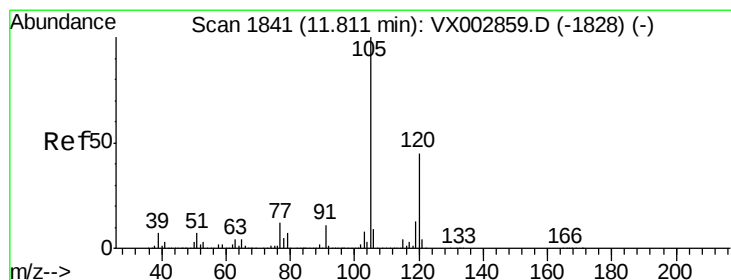
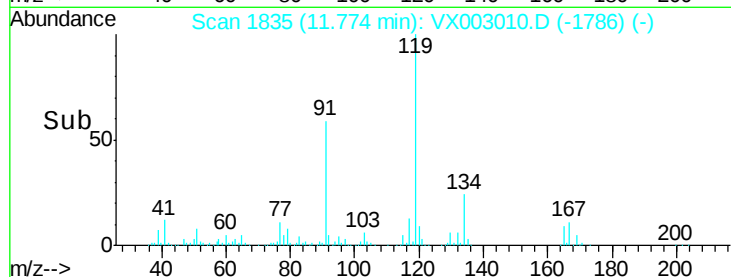
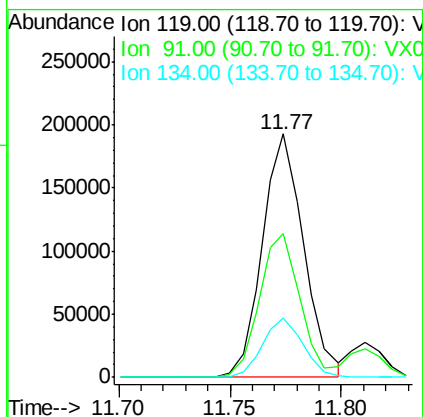
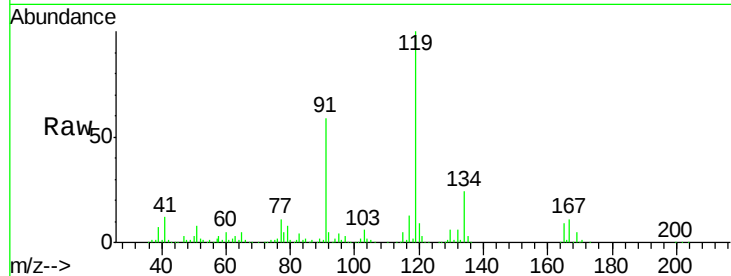
#83
tert-Butylbenzene
Concen: 20.16 ug/l
RT: 11.77 min Scan# 1835
Delta R.T. -0.00 min
Lab File: VX003010.D
Acq: 29 Jun 2018 03:10

Instrument :
MSVOA_X
ClientSampleId :
VX0628WBSD03

Tot Ion	Ratio	Lower	Upper
119	100		
91	57.2	30.3	90.9
134	23.7	11.7	35.1

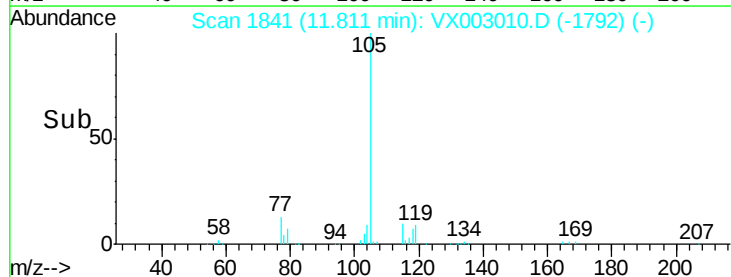
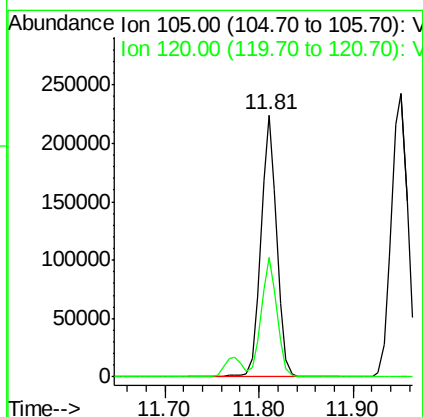
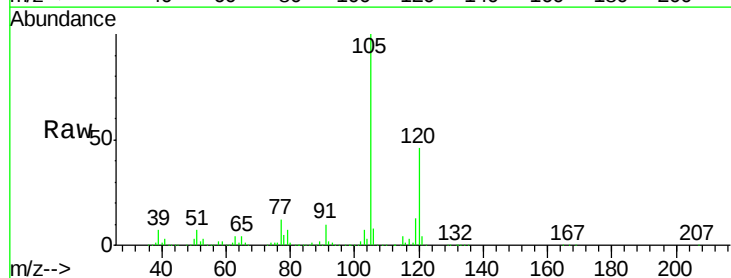
Manual Integrations
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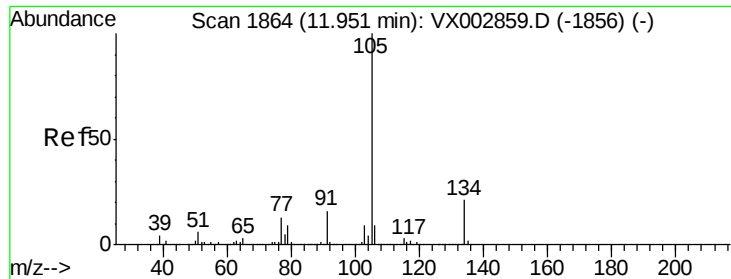
MMDadoda
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#84
1,2,4-Trimethylbenzene
Concen: 20.46 ug/l
RT: 11.81 min Scan# 1841
Delta R.T. -0.00 min
Lab File: VX003010.D
Acq: 29 Jun 2018 03:10

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.4	22.3	66.8





#85

sec-Butylbenzene

Concen: 19.79 ug/l

RT: 11.95 min Scan# 1864

Delta R.T. -0.00 min

Lab File: VX003010.D

Acq: 29 Jun 2018 03:10

Instrument :

MSVOA_X

ClientSampleId :

VX0628WBSD03

Tot Ion:105 Resp: 296172

Ion Ratio Lower Upper

105 100

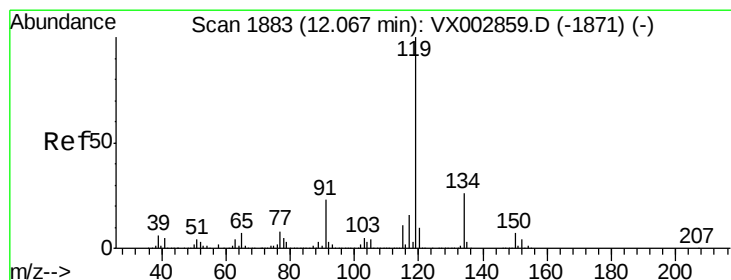
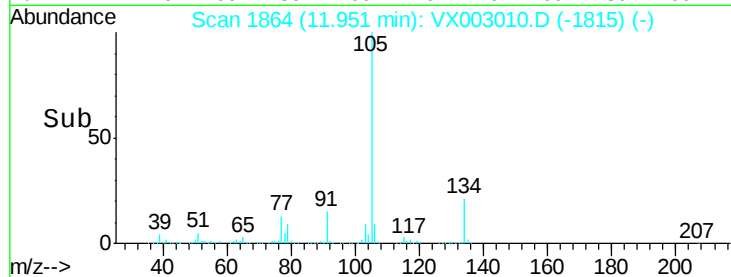
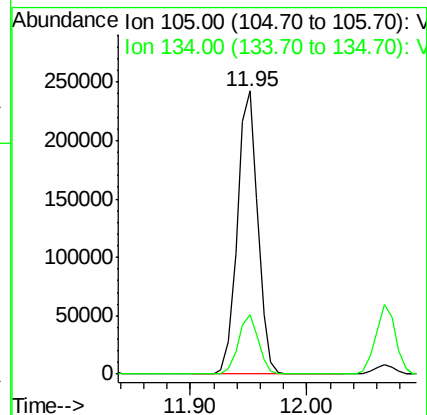
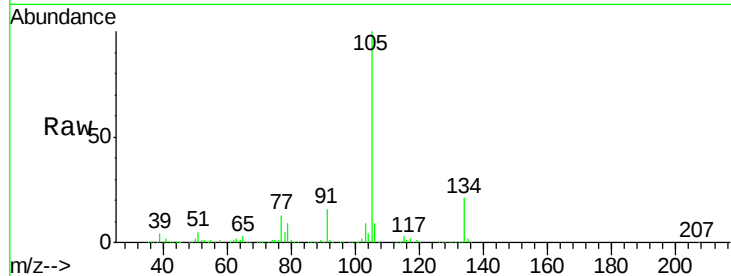
134 20.6 10.4 31.1

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#86

p-Isopropyltoluene

Concen: 19.65 ug/l

RT: 12.07 min Scan# 1883

Delta R.T. -0.00 min

Lab File: VX003010.D

Acq: 29 Jun 2018 03:10

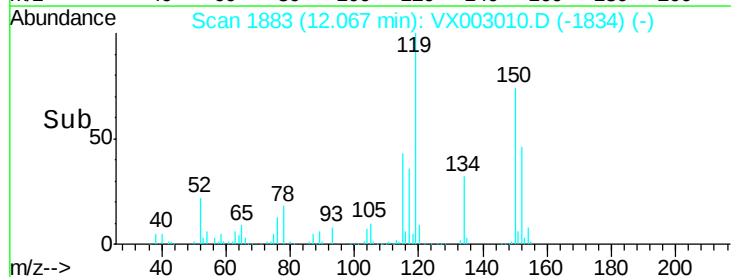
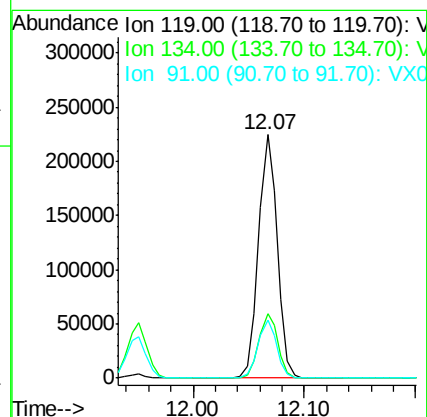
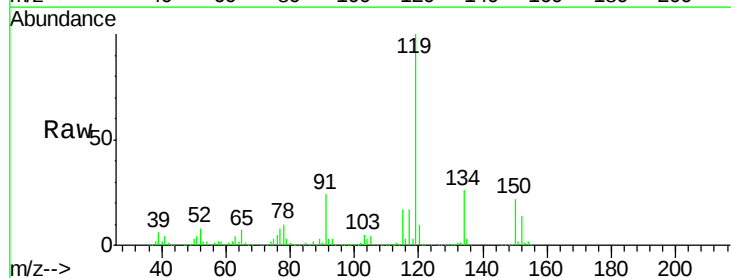
Tgt Ion:119 Resp: 264330

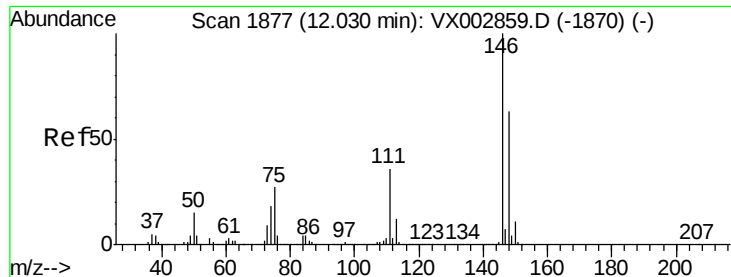
Ion Ratio Lower Upper

119 100

134 26.8 13.4 40.1

91 23.7 11.9 35.7





#87

1,3-Dichlorobenzene

Concen: 20.13 ug/l

RT: 12.03 min Scan# 1877

Delta R.T. -0.00 min

Lab File: VX003010.D

Acq: 29 Jun 2018 03:10

Instrument :

MSVOA_X

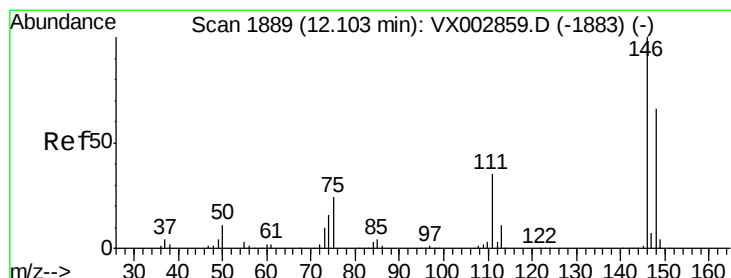
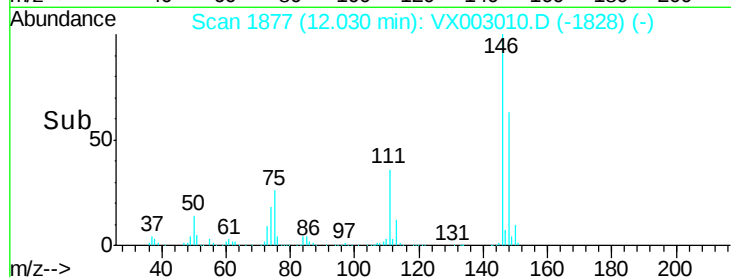
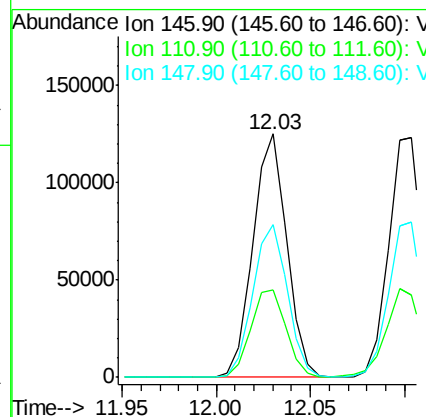
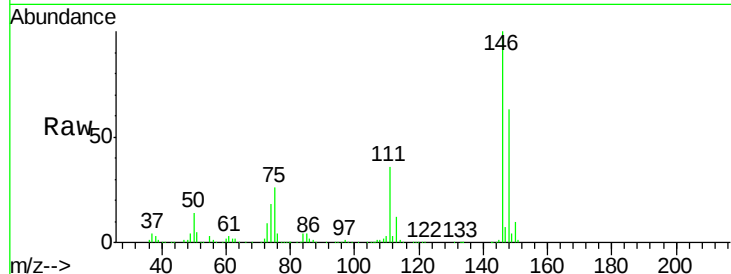
ClientSampleId :

VX0628WBSD03

Tot Ion:	146	Resp:	155567
Ion Ratio	Lower	Upper	
146	100		
111	37.7	18.9	56.7
148	64.1	32.1	96.3

Manual Integrations
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#88

1,4-Dichlorobenzene

Concen: 19.78 ug/l

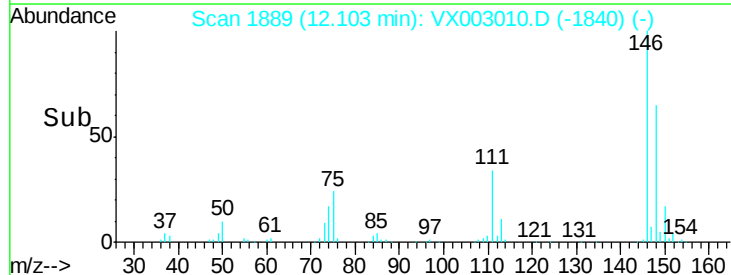
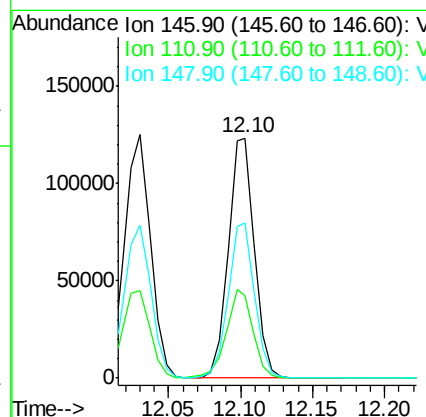
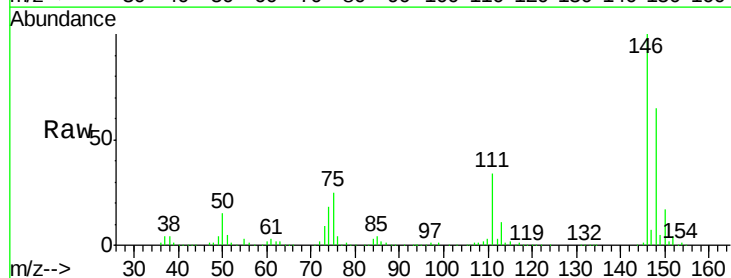
RT: 12.10 min Scan# 1889

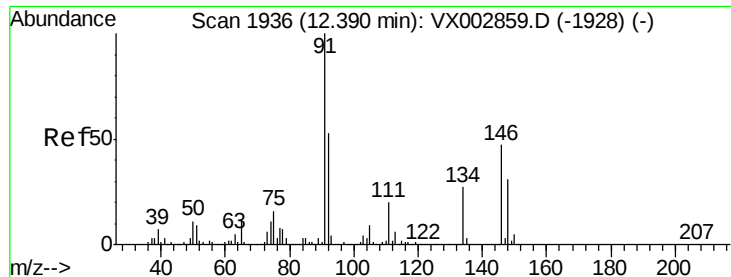
Delta R.T. -0.00 min

Lab File: VX003010.D

Acq: 29 Jun 2018 03:10

Tgt Ion:	146	Resp:	157337
Ion Ratio	Lower	Upper	
146	100		
111	37.4	18.7	56.1
148	65.3	32.4	97.0





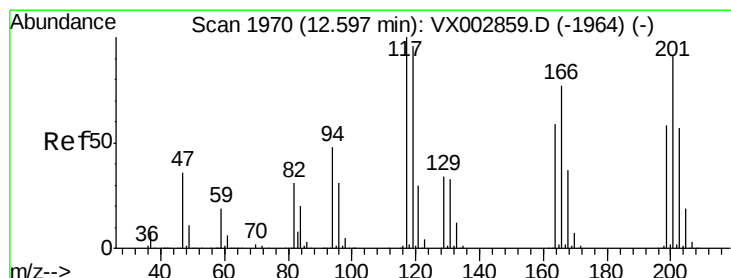
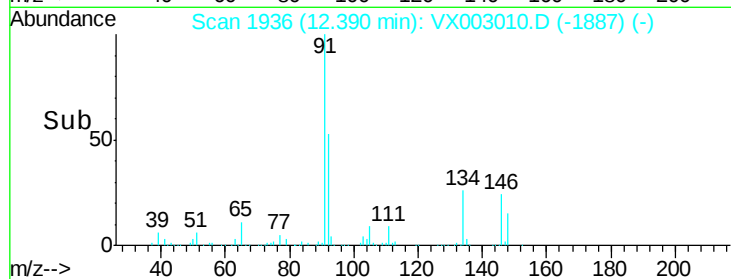
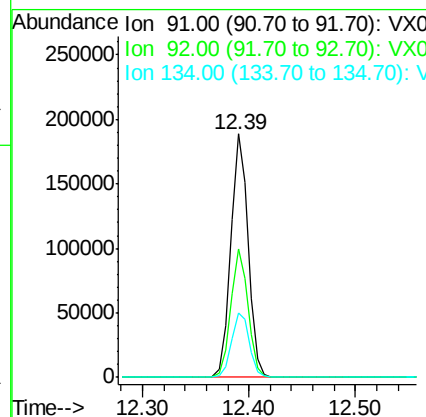
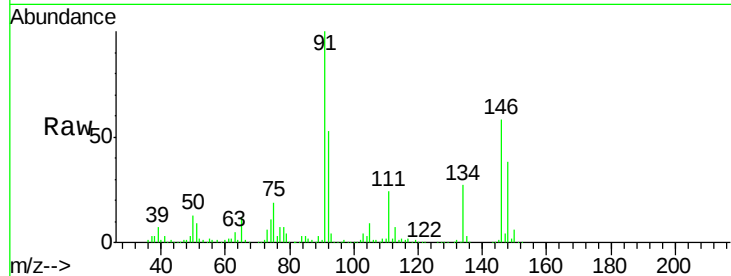
#89
n-Butylbenzene
Concen: 18.43 ug/l
RT: 12.39 min Scan# 1936
Delta R.T. -0.00 min
Lab File: VX003010.D
Acq: 29 Jun 2018 03:10

Instrument :
MSVOA_X
ClientSampleId :
VX0628WBSD03

Tot Ion	Ion	Ratio	Resp	Lower	Upper
91	100		215804		
92	52.2	26.0	78.0		
134	27.2	13.5	40.5		

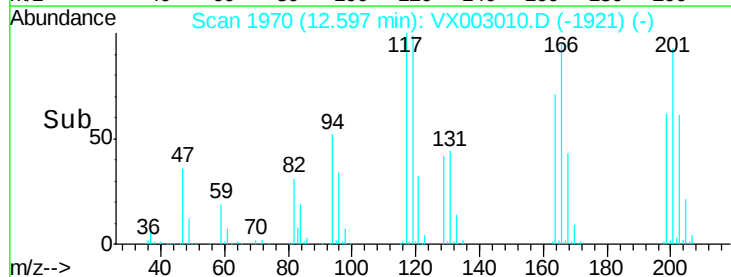
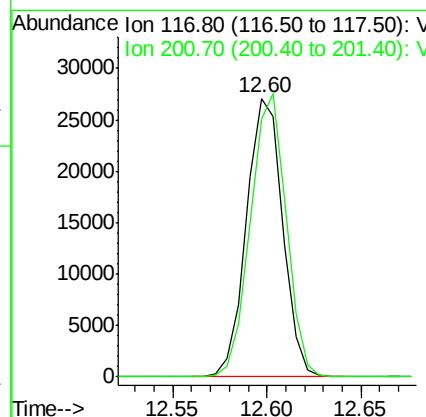
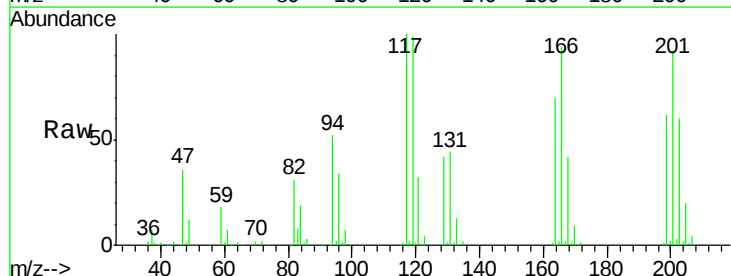
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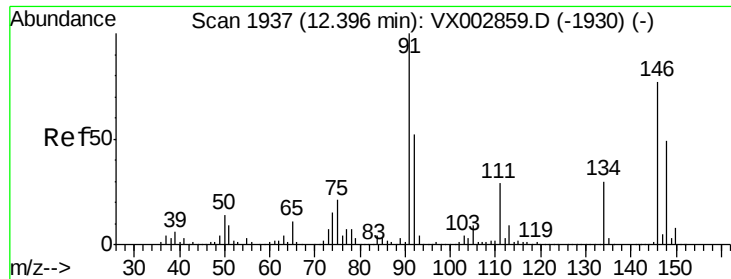
MMDadoda
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#90
Hexachloroethane
Concen: 18.02 ug/l
RT: 12.60 min Scan# 1970
Delta R.T. -0.00 min
Lab File: VX003010.D
Acq: 29 Jun 2018 03:10

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
117	100		36063		
201	100.1	49.0	147.0		





#91

1,2-Dichlorobenzene

Concen: 20.10 ug/l

RT: 12.40 min Scan# 1937

Delta R.T. -0.00 min

Lab File: VX003010.D

Acq: 29 Jun 2018 03:10

Instrument :

MSVOA_X

ClientSampleId :

VX0628WBSD03

Tot Ion:146 Resp: 156853

Ion Ratio Lower Upper

146 100

111 38.5 19.4 58.1

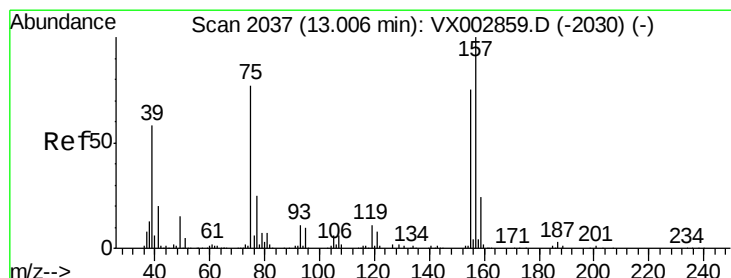
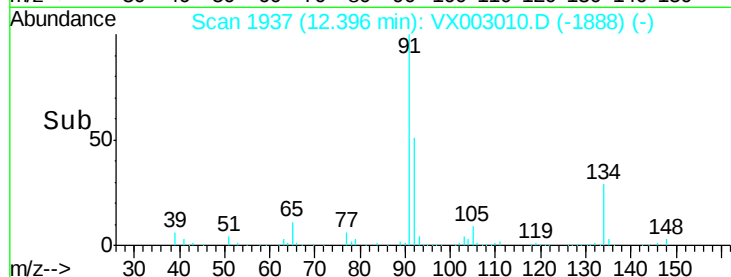
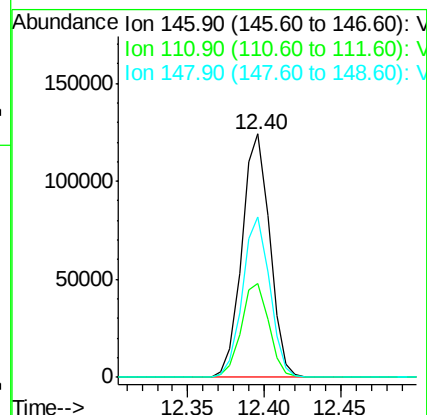
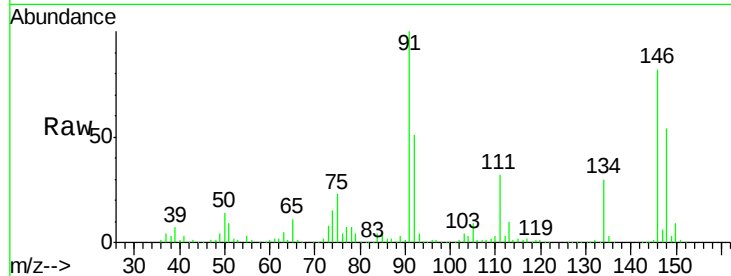
148 64.7 31.7 95.1

Manual Integrations

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#92

1,2-Dibromo-3-Chloropropane

Concen: 19.63 ug/l

RT: 13.01 min Scan# 2037

Delta R.T. -0.00 min

Lab File: VX003010.D

Acq: 29 Jun 2018 03:10

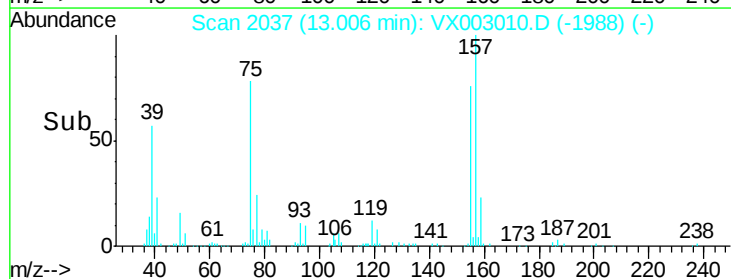
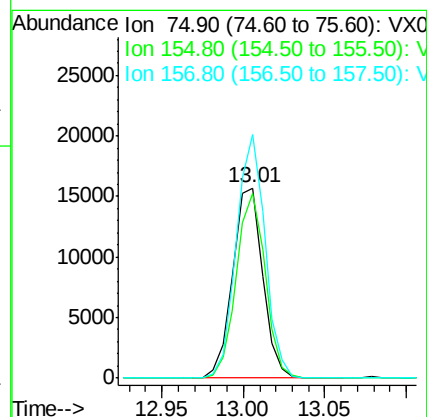
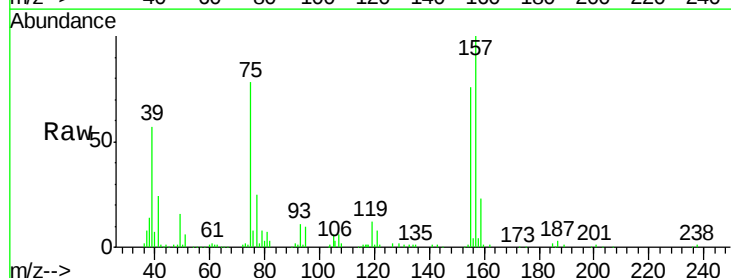
Tgt Ion: 75 Resp: 20202

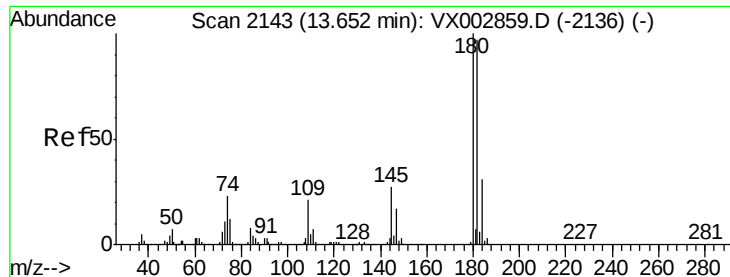
Ion Ratio Lower Upper

75 100

155 93.1 45.8 137.4

157 121.8 60.1 180.3





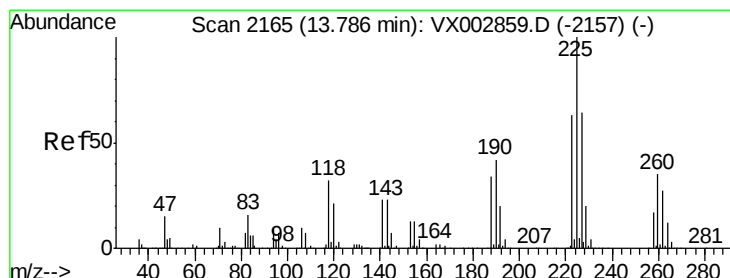
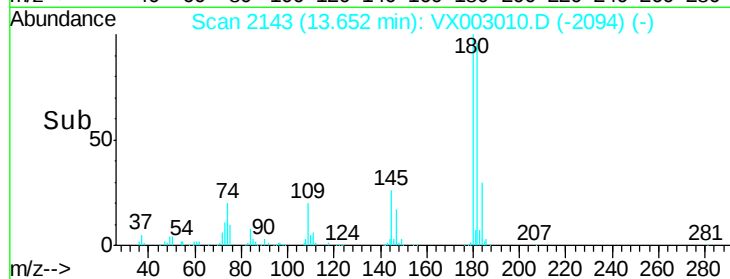
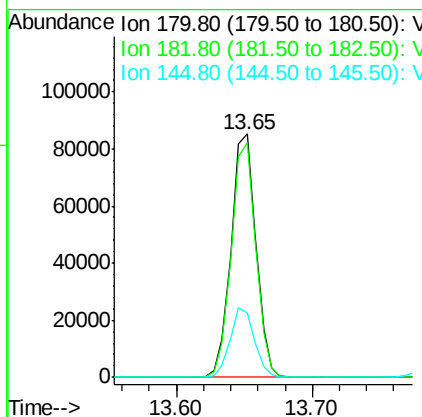
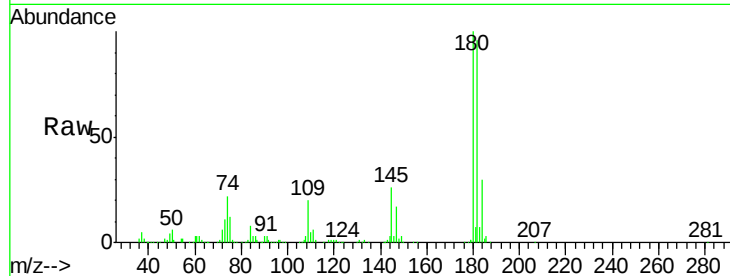
#93
 1,2,4-Trichlorobenzene
 Concen: 19.07 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. -0.00 min
 Lab File: VX003010.D
 Acq: 29 Jun 2018 03:10

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0628WBSD03

Tot Ion	Ratio	Resp	Lower	Upper
180	100			
182	95.3	47.7	143.1	
145	27.9	14.1	42.4	

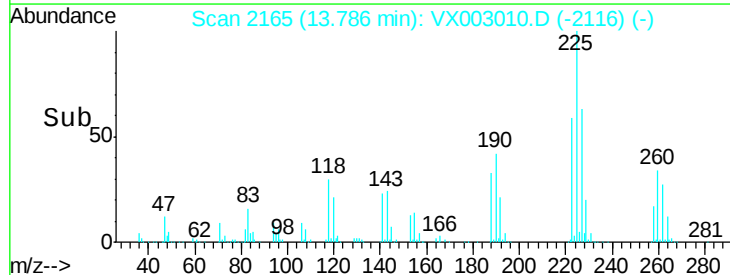
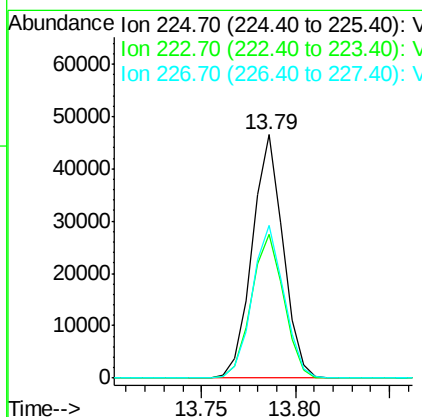
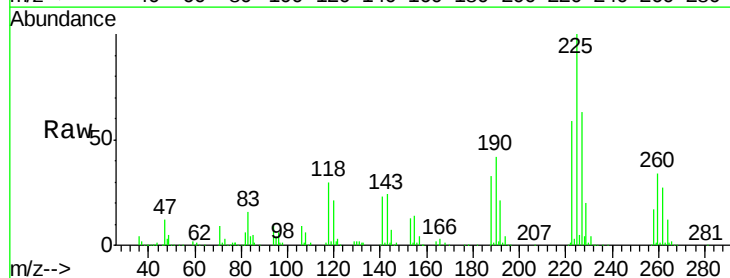
Manual Integrations
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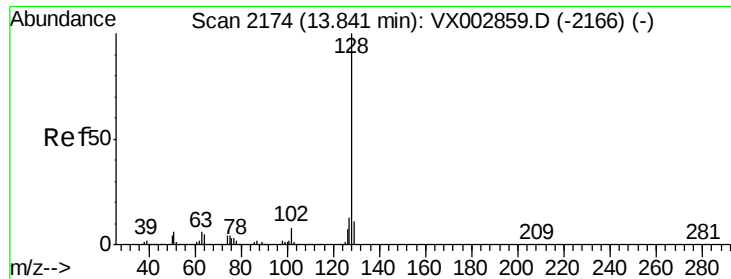
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 6/29/2018 12:22:55 PM



#94
 Hexachlorobutadiene
 Concen: 18.67 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. -0.00 min
 Lab File: VX003010.D
 Acq: 29 Jun 2018 03:10

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	61.8	31.6	95.0	
227	64.3	32.4	97.2	





#95

Naphthalene

Concen: 20.78 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. -0.00 min

Lab File: VX003010.D

Acq: 29 Jun 2018 03:10

Instrument :

MSVOA_X

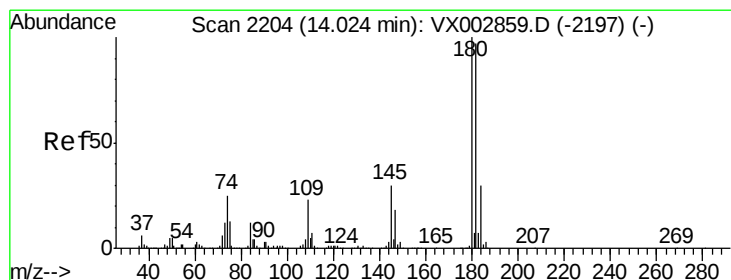
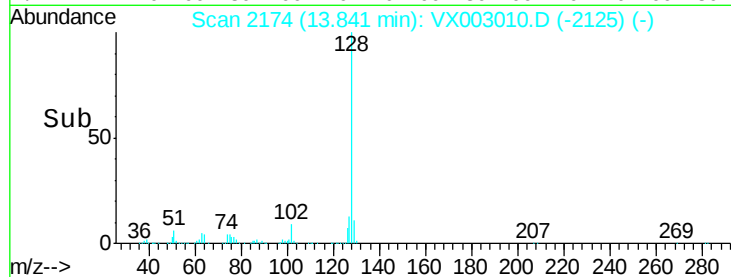
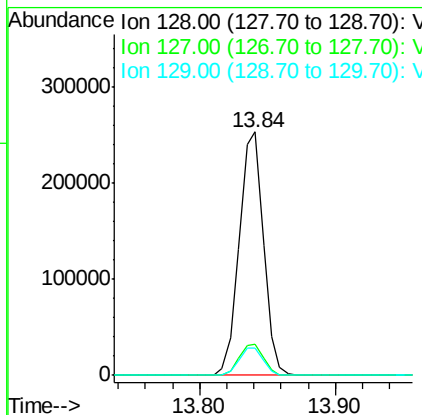
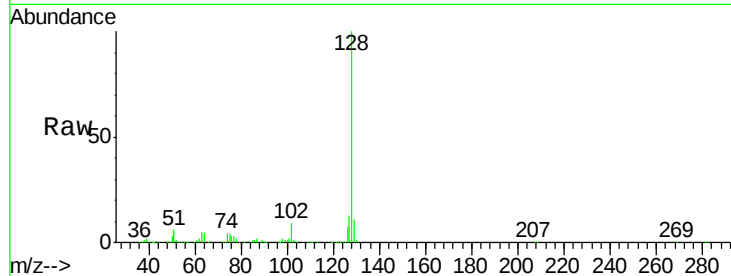
ClientSampleId :

VX0628WBSD03

Tot Ion:	128	Resp:	314324
Ion Ratio	Lower	Upper	
128	100		
127	12.8	10.4	15.6
129	11.2	8.6	13.0

Manual Integrations
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#96

1,2,3-Trichlorobenzene

Concen: 19.78 ug/l

RT: 14.02 min Scan# 2204

Delta R.T. -0.00 min

Lab File: VX003010.D

Acq: 29 Jun 2018 03:10

Tgt Ion:	180	Resp:	112155
Ion Ratio	Lower	Upper	
180	100		
182	96.0	48.0	144.0
145	28.9	14.8	44.3

