

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062218\
 Data File : VX002837.D
 Acq On : 22 Jun 2018 17:53
 Operator : JC/MD
 Sample : VX0622WBS02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0622WBS02

Manual Integrations
 APPROVED

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 6/25/2018 6:56:07 PM

Quant Time: Jun 23 00:44:00 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061518W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 16 01:37:33 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	249127	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	337211	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	319088	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	200901	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	160781	42.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	84.94%	
35) Dibromofluoromethane	5.51	113	128508	47.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.50%	
50) Toluene-d8	8.72	98	460270	45.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.08%	
62) 4-Bromofluorobenzene	11.14	95	179713	46.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.82%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	50416	19.06	ug/l	99
3) Chloromethane	1.32	50	51261	16.29	ug/l	100
4) Vinyl Chloride	1.40	62	55054	16.86	ug/l	99
5) Bromomethane	1.64	94	41073	20.85	ug/l	100
6) Chloroethane	1.72	64	35766	16.62	ug/l	98
7) Trichlorofluoromethane	1.93	101	96760	18.24	ug/l	97
8) Diethyl Ether	2.19	74	33486	16.60	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.39	101	55325	18.66	ug/l	98
10) Methyl Iodide	2.51	142	47126	15.74	ug/l	99
11) Tert butyl alcohol	3.07	59	67262	85.94	ug/l	97
12) 1,1-Dichloroethene	2.37	96	47569	17.09	ug/l	98
13) Acrolein	2.29	56	20655	61.61	ug/l	100
14) Allyl chloride	2.73	41	94535	17.10	ug/l	99
15) Acrylonitrile	3.15	53	147840	86.57	ug/l	99
16) Acetone	2.45	43	140881	84.35	ug/l	99
17) Carbon Disulfide	2.57	76	117875	17.85	ug/l	98
18) Methyl Acetate	2.78	43	85377	19.19	ug/l	98
19) Methyl tert-butyl Ether	3.20	73	174903	16.75	ug/l	100
20) Methylene Chloride	2.86	84	54710	15.98	ug/l	99
21) trans-1,2-Dichloroethene	3.17	96	50811	16.83	ug/l	97
22) Diisopropyl ether	3.87	45	185794	18.58	ug/l	97
23) Vinyl Acetate	3.82	43	779005	93.08	ug/l	99
24) 1,1-Dichloroethane	3.70	63	101212	18.65	ug/l	99
25) 2-Butanone	4.71	43	209038	95.30	ug/l	99
26) 2,2-Dichloropropane	4.59	77	76645	19.65	ug/l	99
27) cis-1,2-Dichloroethene	4.59	96	58022	18.88	ug/l	94
28) Bromochloromethane	5.02	49	44329	17.44	ug/l	94
29) Tetrahydrofuran	5.17	42	131957	91.79	ug/l	98
30) Chloroform	5.21	83	100760	19.25	ug/l	98
31) Cyclohexane	5.57	56	82865	18.54	ug/l	96
32) 1,1,1-Trichloroethane	5.50	97	88587	20.24	ug/l	99
36) 1,1-Dichloropropene	5.80	75	70960	19.81	ug/l	97
37) Ethyl Acetate	4.86	43	80355	19.82	ug/l	98
38) Carbon Tetrachloride	5.79	117	78531	22.02	ug/l	97

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Manual Integrations
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Quant Time: Jun 23 00:44:00 2018
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 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	86588	20.68	ug/l	98
40) Benzene	6.15	78	214288	19.95	ug/l	99
41) Methacrylonitrile	5.06	41	46088	20.14	ug/l	97
42) 1,2-Dichloroethane	6.20	62	86248	20.74	ug/l	100
43) Isopropyl Acetate	6.46	43	130539	19.44	ug/l	100
44) Trichloroethene	7.21	130	64064	20.67	ug/l	95
45) 1,2-Dichloropropane	7.52	63	56151	19.87	ug/l	97
46) Dibromomethane	7.67	93	40038	21.18	ug/l	98
47) Bromodichloromethane	7.90	83	70990	21.29	ug/l	100
48) Methyl methacrylate	7.78	41	67665	19.72	ug/l	98
49) 1,4-Dioxane	7.76	88	27249	419.25	ug/l	99
51) 4-Methyl-2-Pentanone	8.65	43	429102	99.51	ug/l	100
52) Toluene	8.79	92	138498	20.22	ug/l	100
53) t-1,3-Dichloropropene	8.44	75	81336	19.94	ug/l	100
54) cis-1,3-Dichloropropene	9.04	75	75048	19.89	ug/l	98
55) 1,1,2-Trichloroethane	9.22	97	57188	20.66	ug/l	98
56) Ethyl methacrylate	9.18	69	82181	19.29	ug/l	98
57) 1,3-Dichloropropane	9.37	76	92028	19.66	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.32	63	157316	76.36	ug/l	100
59) 2-Hexanone	9.50	43	327745	100.86	ug/l	100
60) Dibromochloromethane	9.59	129	55981	20.39	ug/l	98
61) 1,2-Dibromoethane	9.68	107	58795	20.51	ug/l	100
64) Tetrachloroethene	9.34	164	72482	20.46	ug/l	97
65) Chlorobenzene	10.14	112	161345	20.59	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.23	131	57630	21.57	ug/l	98
67) Ethyl Benzene	10.26	91	270737	20.48	ug/l	100
68) m/p-Xylenes	10.36	106	210226	41.23	ug/l	100
69) o-Xylene	10.70	106	100534	20.07	ug/l	100
70) Styrene	10.71	104	169138	20.53	ug/l	99
71) Bromoform	10.86	173	43026	20.82	ug/l #	99
73) Isopropylbenzene	11.02	105	278925	20.76	ug/l	100
74) N-amyl acetate	6.46	43	130539	19.55	ug/l #	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	82723	20.85	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	75110m	19.81	ug/l	
77) Bromobenzene	11.26	156	76505	20.44	ug/l	98
78) n-propylbenzene	11.36	91	321792	20.88	ug/l	100
79) 2-Chlorotoluene	11.43	91	187846	20.42	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	236175	20.80	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.08	75	20964	20.40	ug/l	93
82) 4-Chlorotoluene	11.51	91	224381	20.67	ug/l	99
83) tert-Butylbenzene	11.77	119	226994	20.75	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	244732	21.12	ug/l	99
85) sec-Butylbenzene	11.95	105	284401	20.91	ug/l	100
86) p-Isopropyltoluene	12.07	119	256853	20.87	ug/l	100
87) 1,3-Dichlorobenzene	12.03	146	141955	20.68	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	143668	20.57	ug/l	99
89) n-Butylbenzene	12.39	91	219915	20.26	ug/l	99
90) Hexachloroethane	12.60	117	35235	20.03	ug/l	100
91) 1,2-Dichlorobenzene	12.40	146	143970	20.84	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	17942	21.59	ug/l	98

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Instrument :
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ClientSampleId :
VX0622WBS02

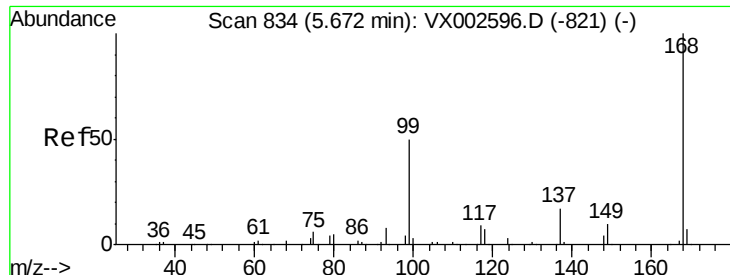
Manual Integrations
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Quant Title : SW846 8260
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	103821	20.70	ug/l	99
94) Hexachlorobutadiene	13.79	225	54430	20.61	ug/l	99
95) Naphthalene	13.84	128	279520	20.72	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	105570	20.96	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. -0.01 min

Lab File: VX002837.D

Acq: 22 Jun 2018 17:53

Instrument :

MSVOA_X

ClientSampleId :

VX0622WBS02

Tot Ion:168 Resp: 249127

Ion Ratio Lower Upper

168 100

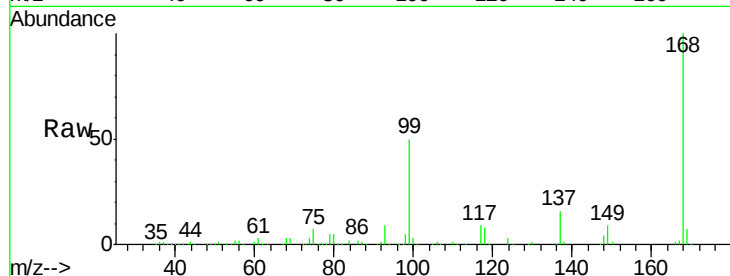
99 49.8 39.3 58.9

Manual Integrations

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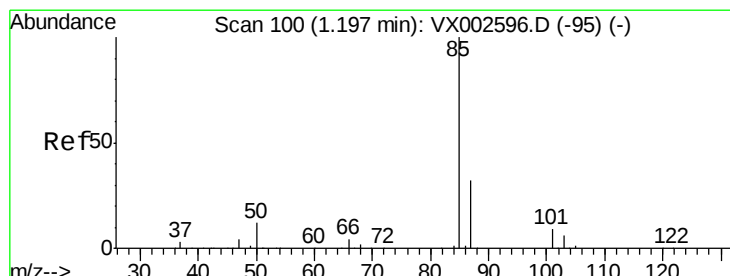
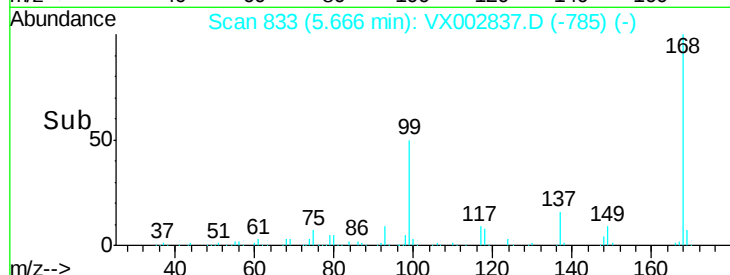
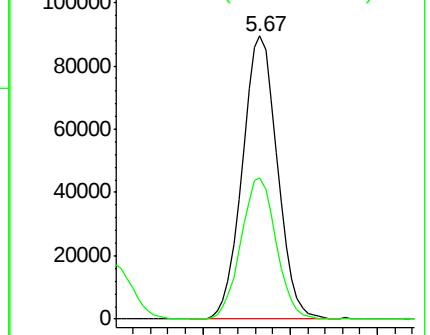
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 19.06 ug/l

RT: 1.20 min Scan# 100

Delta R.T. 0.00 min

Lab File: VX002837.D

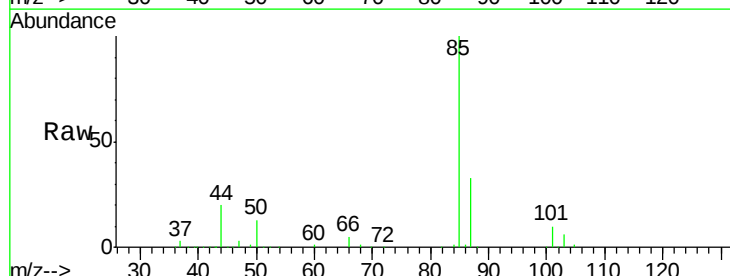
Acq: 22 Jun 2018 17:53

Tgt Ion: 85 Resp: 50416

Ion Ratio Lower Upper

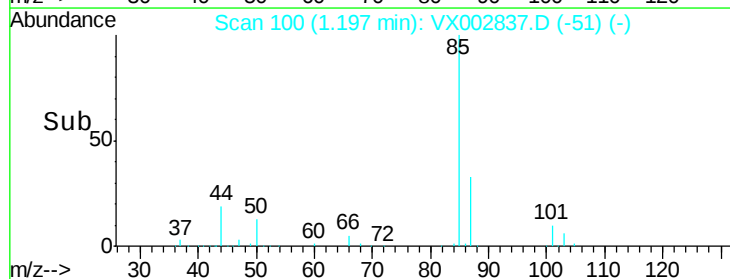
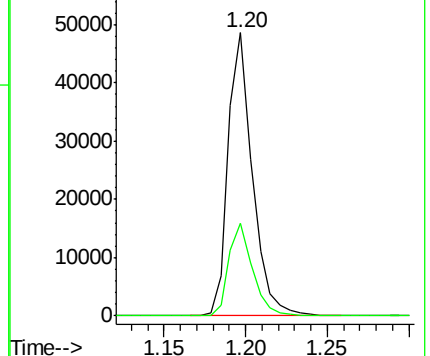
85 100

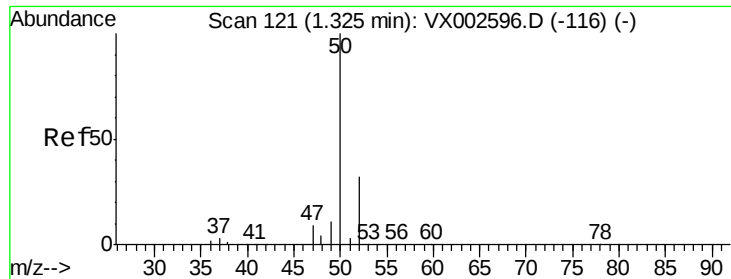
87 32.6 16.0 47.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 16.29 ug/l

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX002837.D

Acq: 22 Jun 2018 17:53

Instrument :

MSVOA_X

ClientSampleId :

VX0622WBS02

Tot Ion: 50 Resp: 51261

Ion Ratio Lower Upper

50 100

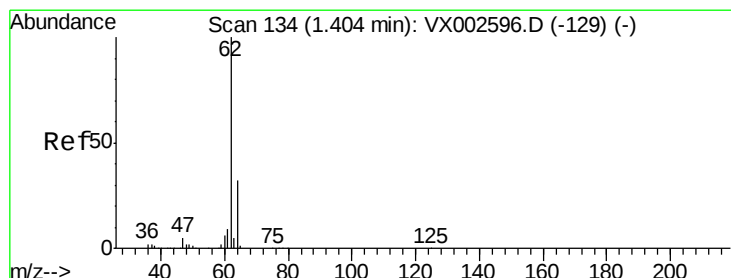
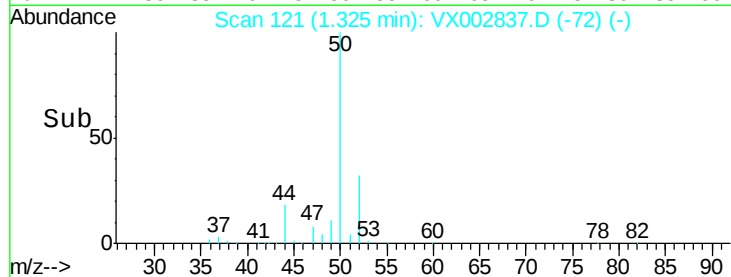
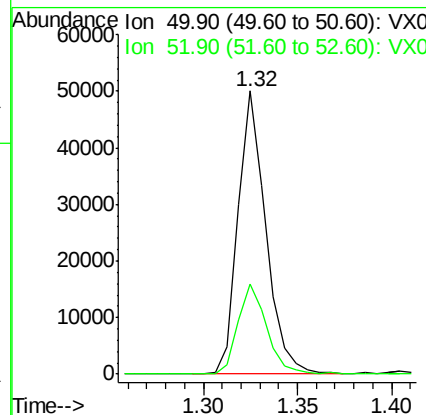
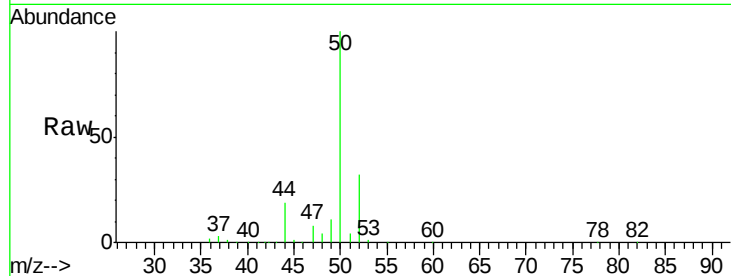
52 31.9 25.7 38.5

Manual Integrations

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#4

Vinyl Chloride

Concen: 16.86 ug/l

RT: 1.40 min Scan# 134

Delta R.T. 0.00 min

Lab File: VX002837.D

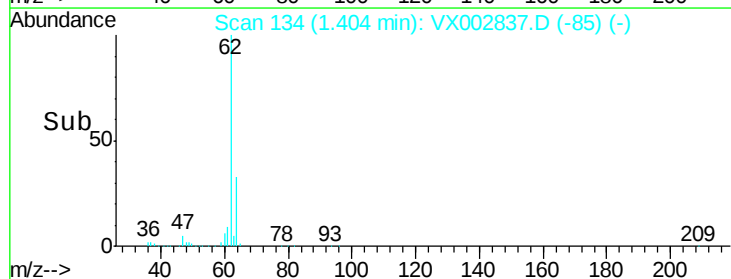
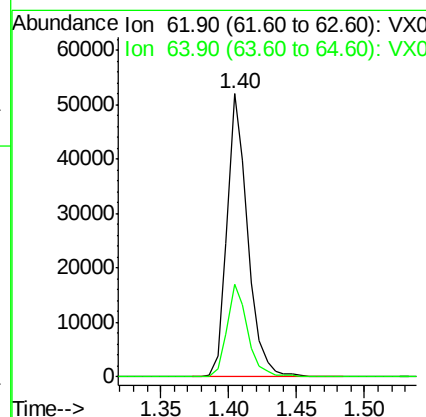
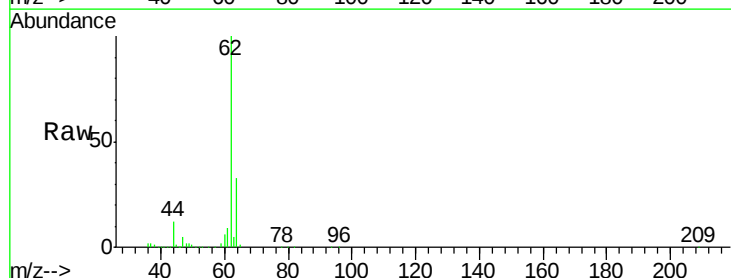
Acq: 22 Jun 2018 17:53

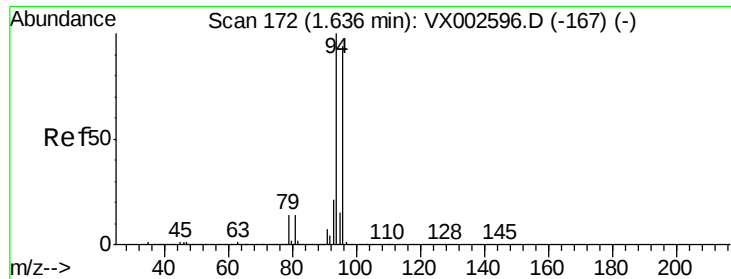
Tgt Ion: 62 Resp: 55054

Ion Ratio Lower Upper

62 100

64 32.6 25.4 38.2





#5

Bromomethane

Concen: 20.85 ug/l

RT: 1.64 min Scan# 172

Delta R.T. 0.00 min

Lab File: VX002837.D

Acq: 22 Jun 2018 17:53

Instrument :

MSVOA_X

ClientSampleId :

VX0622WBS02

Tot Ion: 94 Resp: 41073

Ion Ratio Lower Upper

94 100

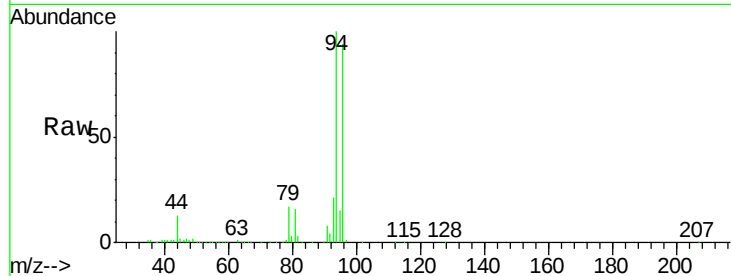
96 94.0 74.9 112.3

Manual Integrations

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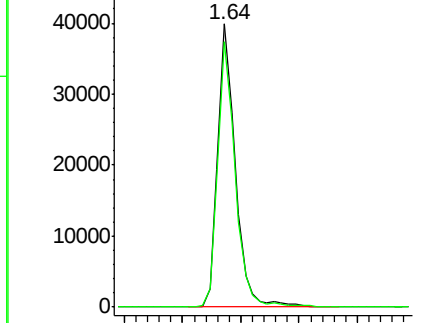
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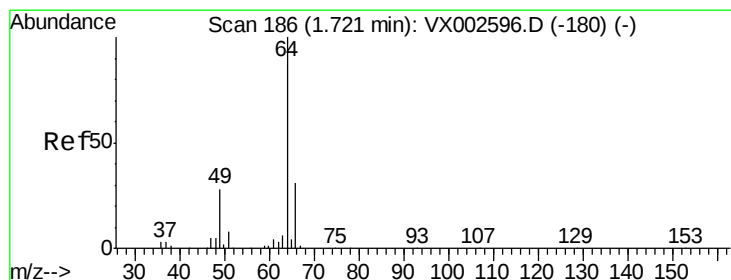
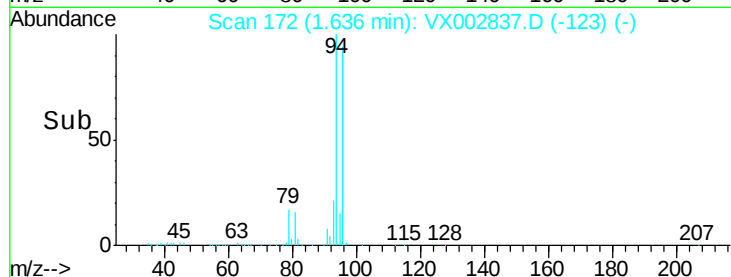


Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



Time-->



#6

Chloroethane

Concen: 16.62 ug/l

RT: 1.72 min Scan# 186

Delta R.T. 0.00 min

Lab File: VX002837.D

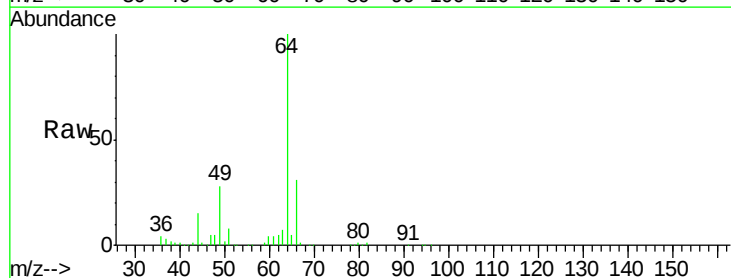
Acq: 22 Jun 2018 17:53

Tgt Ion: 64 Resp: 35766

Ion Ratio Lower Upper

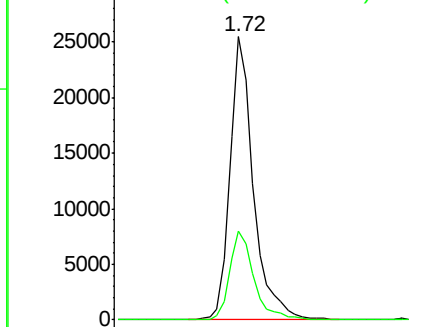
64 100

66 31.0 25.5 38.3

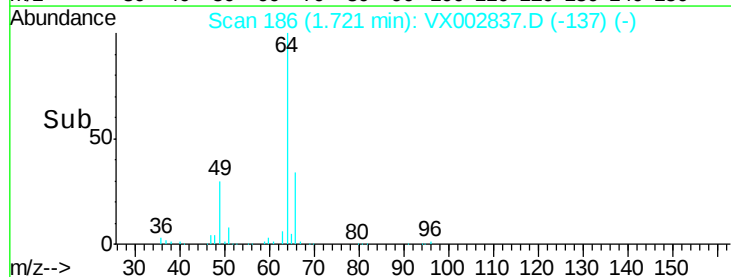


Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



Time-->





#7

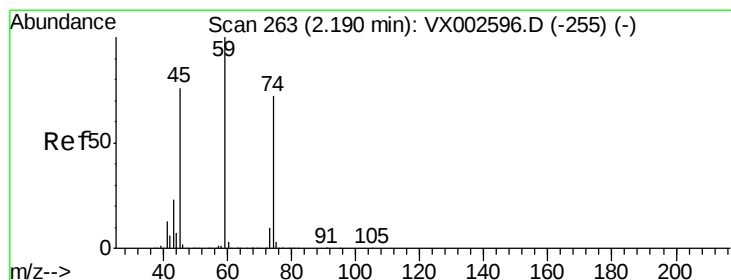
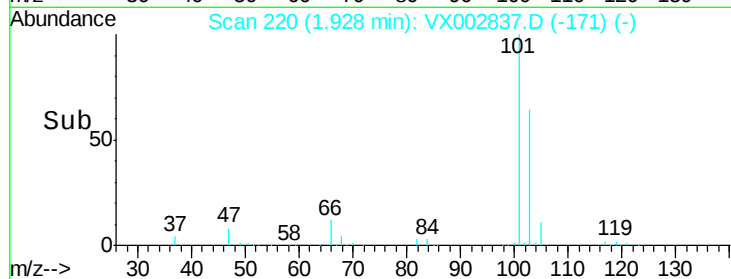
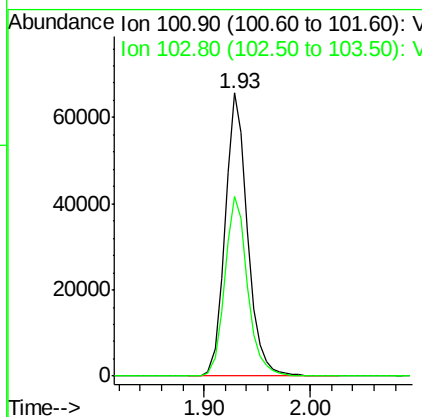
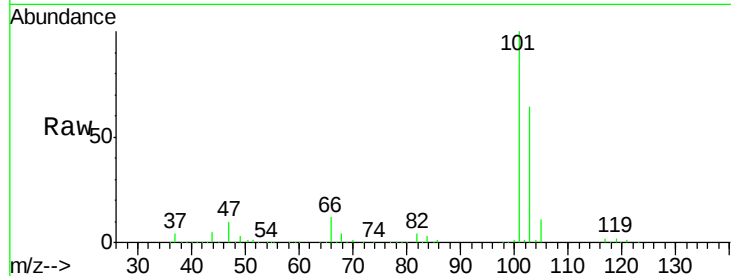
Trichlorofluoromethane
 Concen: 18.24 ug/l
 RT: 1.93 min Scan# 220
 Delta R.T. 0.00 min
 Lab File: VX002837.D
 Acq: 22 Jun 2018 17:53

Instrument :
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 ClientSampleId :
 VX0622WBS02

Tot Ion:101 Resp: 96760
 Ion Ratio Lower Upper
 101 100
 103 63.5 52.8 79.2

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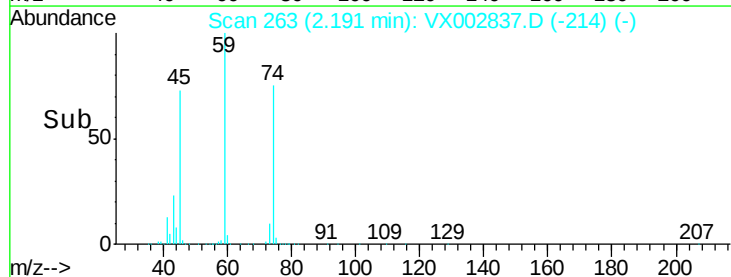
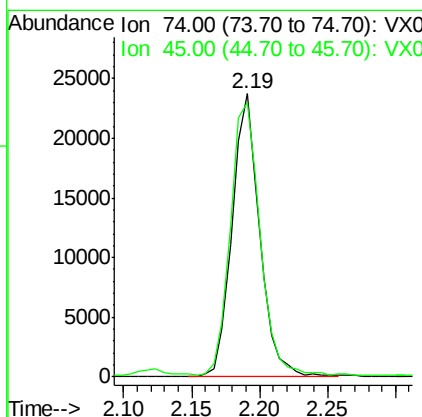
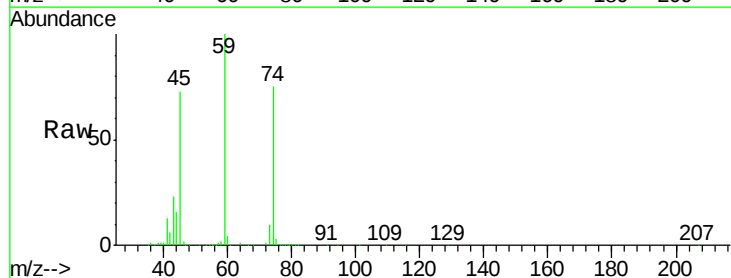
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#8

Diethyl Ether
 Concen: 16.60 ug/l
 RT: 2.19 min Scan# 263
 Delta R.T. 0.00 min
 Lab File: VX002837.D
 Acq: 22 Jun 2018 17:53

Tgt Ion: 74 Resp: 33486
 Ion Ratio Lower Upper
 74 100
 45 103.3 53.1 159.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.66 ug/l

RT: 2.39 min Scan# 295

Delta R.T. 0.00 min

Lab File: VX002837.D

Acq: 22 Jun 2018 17:53

Instrument :

MSVOA_X

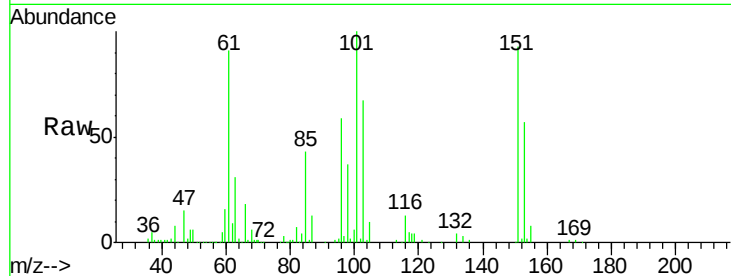
ClientSampleId :

VX0622WBS02

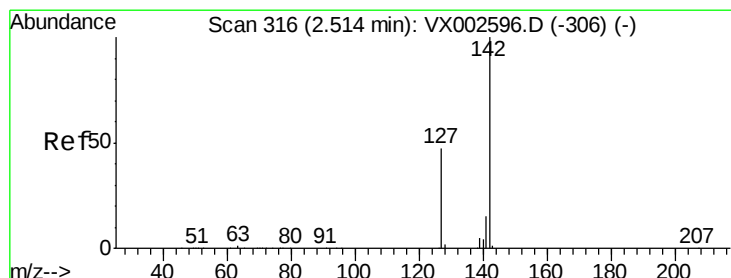
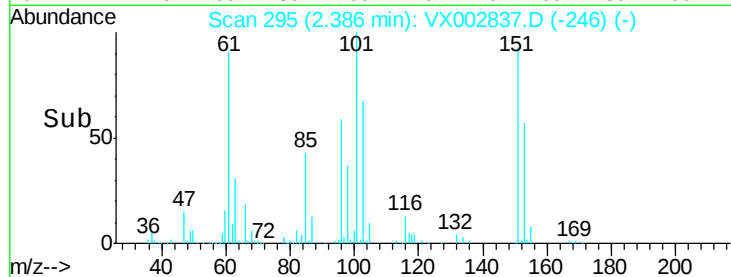
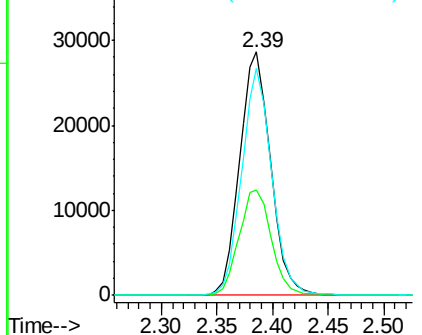
Tot Ion:	101	Resp:	55325
Ion Ratio	Lower	Upper	
101	100		
85	45.3	36.0	54.0
151	90.7	70.9	106.3

Manual Integrations
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Abundance Ion 100.90 (100.60 to 101.60): V
Ion 84.90 (84.60 to 85.60): VX0
Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 15.74 ug/l

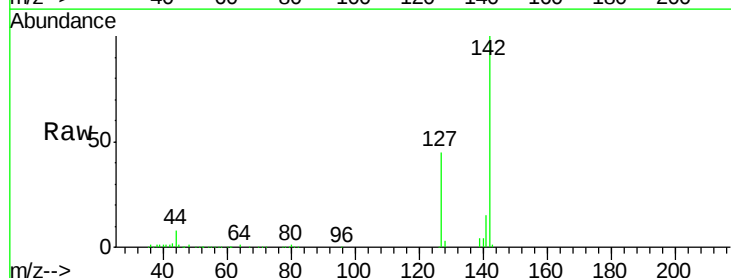
RT: 2.51 min Scan# 316

Delta R.T. 0.00 min

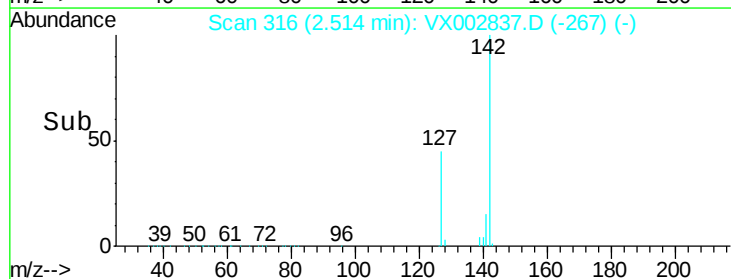
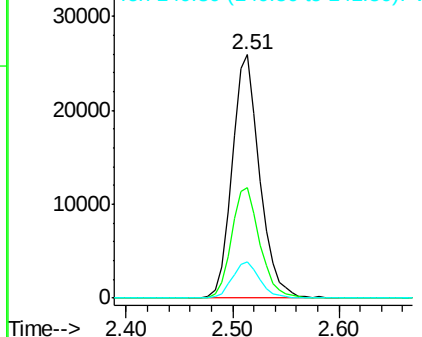
Lab File: VX002837.D

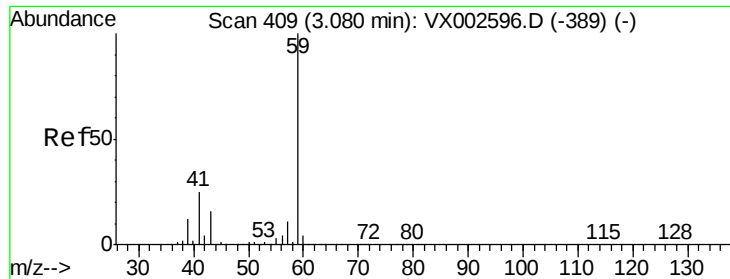
Acq: 22 Jun 2018 17:53

Tgt Ion:	142	Resp:	47126
Ion Ratio	Lower	Upper	
142	100		
127	46.5	36.6	55.0
141	15.0	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





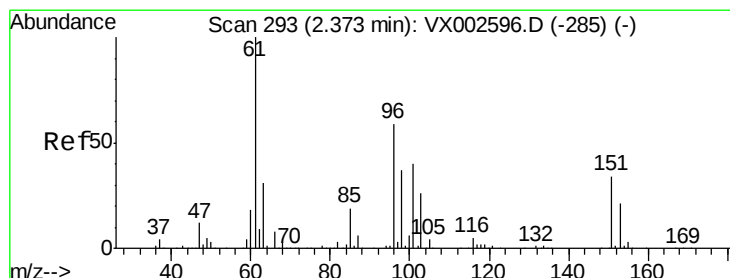
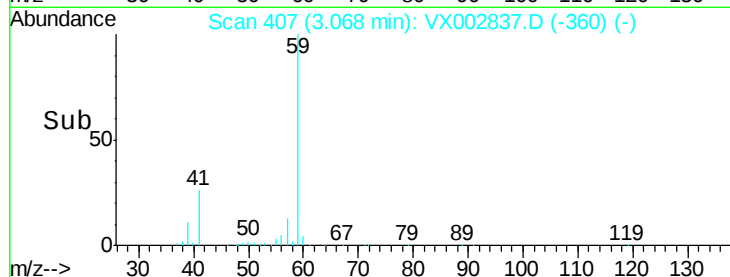
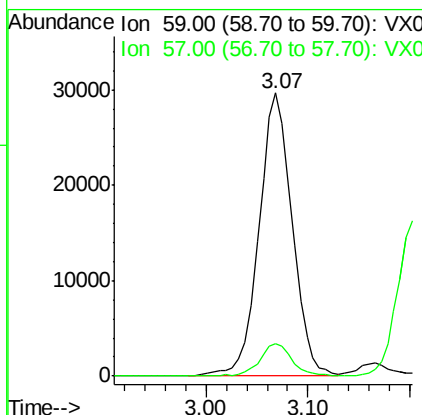
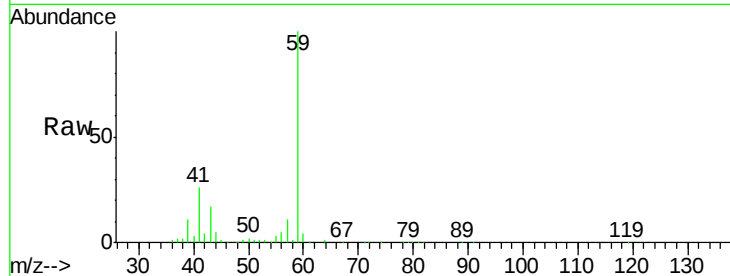
#11
Tert butyl alcohol
Concen: 85.94 ug/l
RT: 3.07 min Scan# 407
Delta R.T. -0.01 min
Lab File: VX002837.D
Acq: 22 Jun 2018 17:53

Instrument :
MSVOA_X
ClientSampleId :
VX0622WBS02

Tot Ion: 59 Resp: 67262
Ion Ratio Lower Upper
59 100
57 11.2 8.2 12.2

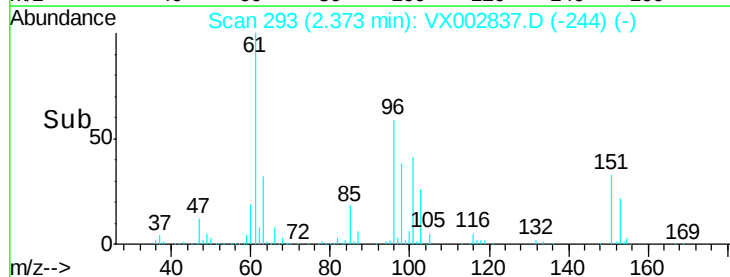
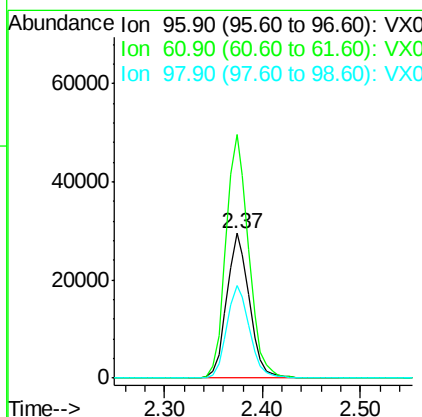
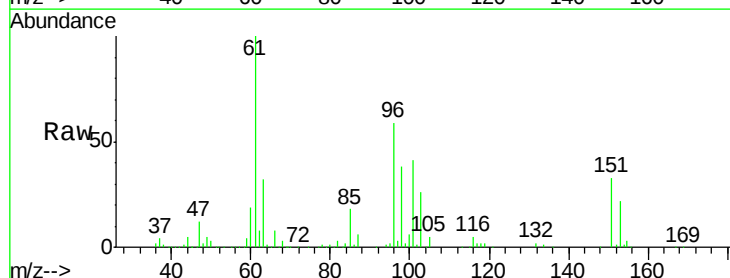
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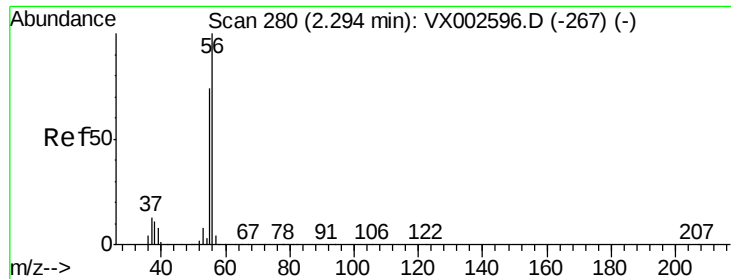
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#12
1,1-Dichloroethene
Concen: 17.09 ug/l
RT: 2.37 min Scan# 293
Delta R.T. 0.00 min
Lab File: VX002837.D
Acq: 22 Jun 2018 17:53

Tgt Ion: 96 Resp: 47569
Ion Ratio Lower Upper
96 100
61 168.4 137.9 206.9
98 63.6 51.6 77.4





#13

Acrolein

Concen: 61.61 ug/l

RT: 2.29 min Scan# 280

Delta R.T. 0.00 min

Lab File: VX002837.D

Acq: 22 Jun 2018 17:53

Instrument :

MSVOA_X

ClientSampleId :

VX0622WBS02

Tot Ion: 56 Resp: 20655

Ion Ratio Lower Upper

56 100

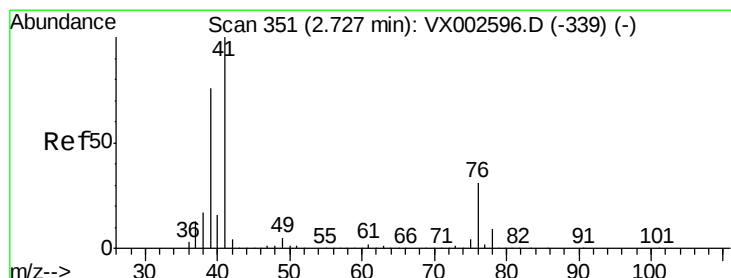
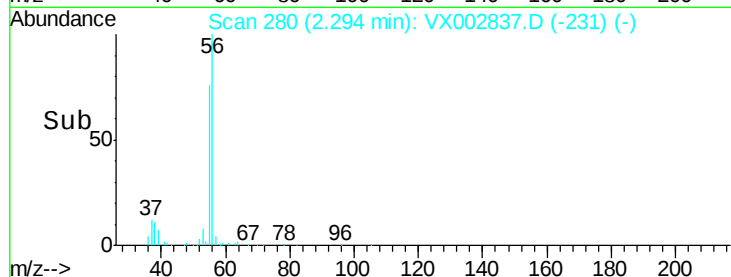
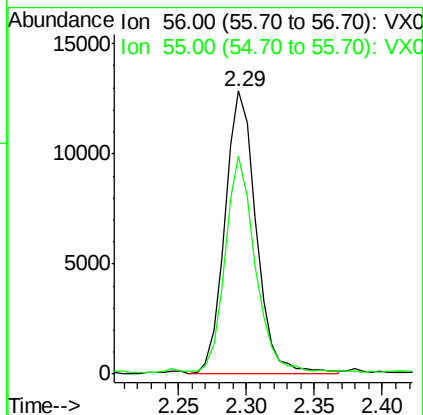
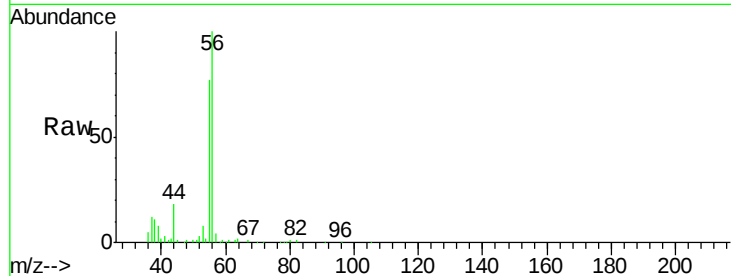
55 71.6 57.0 85.4

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#14

Allyl chloride

Concen: 17.10 ug/l

RT: 2.73 min Scan# 351

Delta R.T. 0.00 min

Lab File: VX002837.D

Acq: 22 Jun 2018 17:53

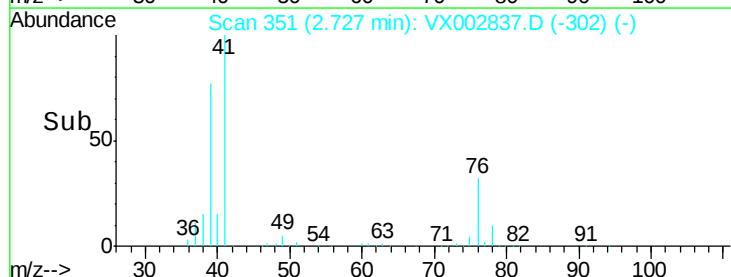
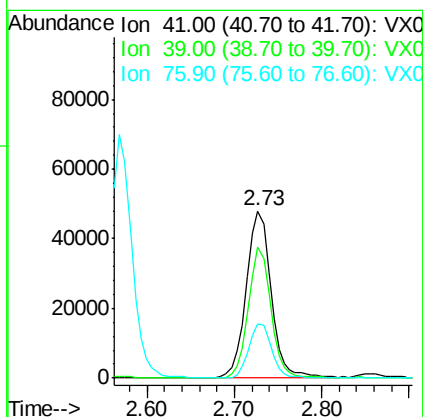
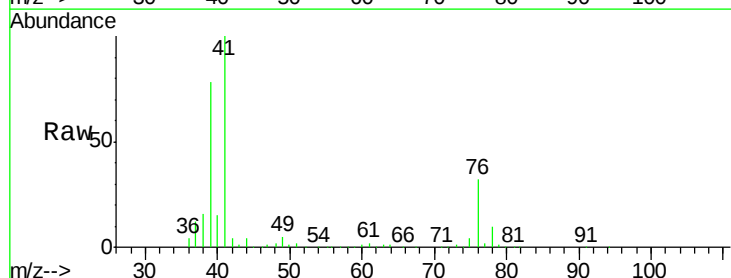
Tgt Ion: 41 Resp: 94535

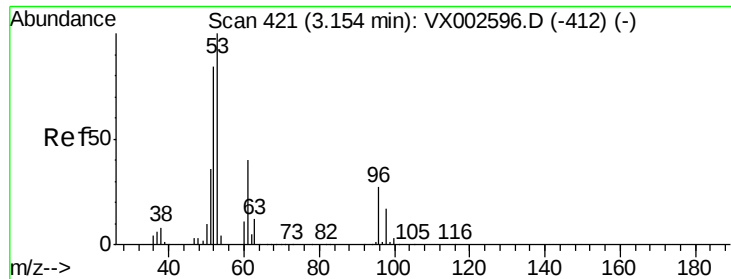
Ion Ratio Lower Upper

41 100

39 70.4 56.8 85.2

76 29.9 23.8 35.8





#15

Acrylonitrile

Concen: 86.57 ug/l

RT: 3.15 min Scan# 420

Delta R.T. -0.01 min

Lab File: VX002837.D

Acq: 22 Jun 2018 17:53

Instrument :

MSVOA_X

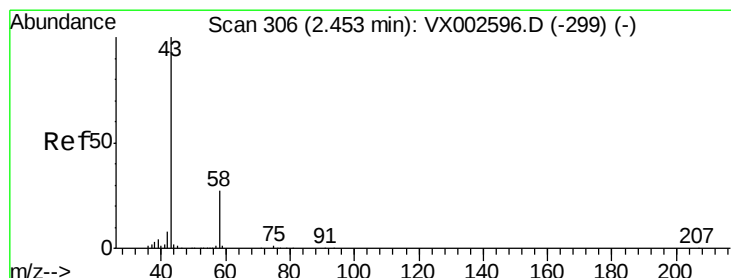
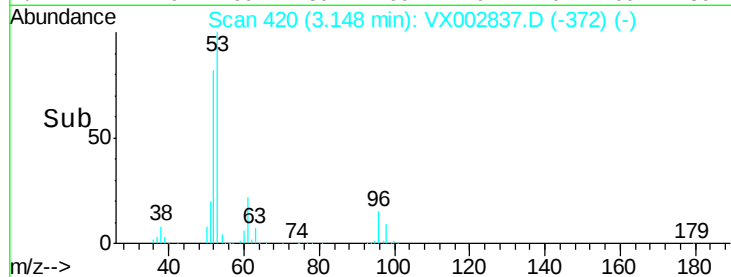
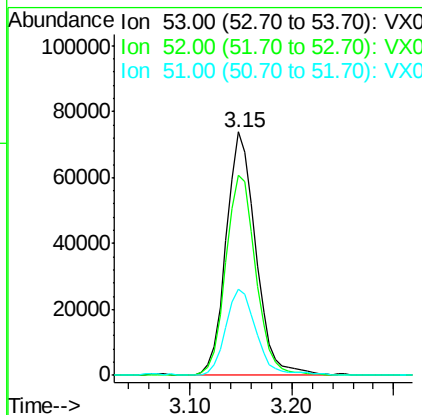
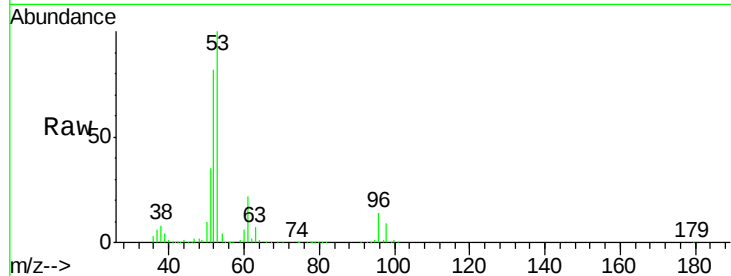
ClientSampleId :

VX0622WBS02

Tot Ion:	53	Resp:	147840
Ion Ratio	Lower	Upper	
53	100		
52	83.5	66.7	100.1
51	36.4	29.9	44.9

Manual Integrations
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#16

Acetone

Concen: 84.35 ug/l

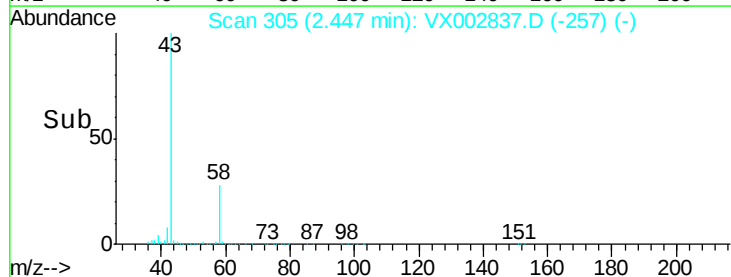
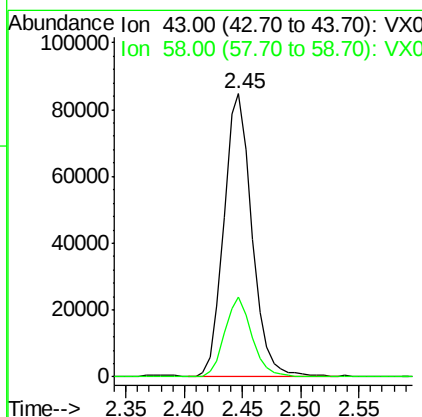
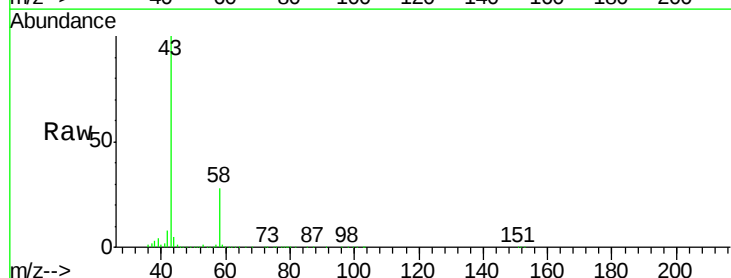
RT: 2.45 min Scan# 305

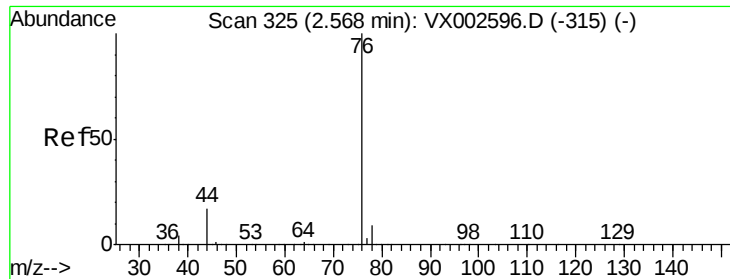
Delta R.T. -0.01 min

Lab File: VX002837.D

Acq: 22 Jun 2018 17:53

Tgt Ion:	43	Resp:	140881
Ion Ratio	Lower	Upper	
43	100		
58	28.1	22.1	33.1





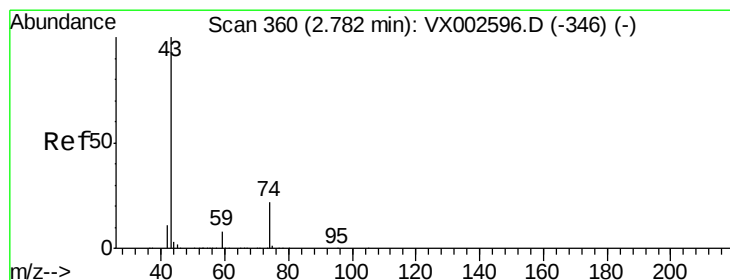
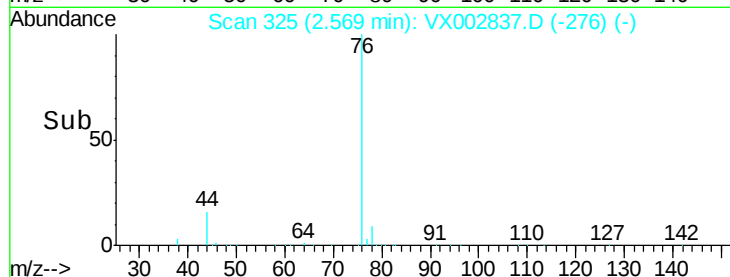
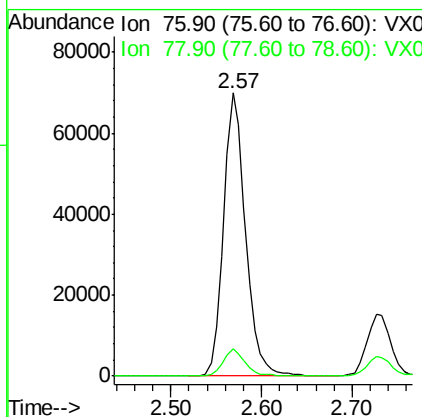
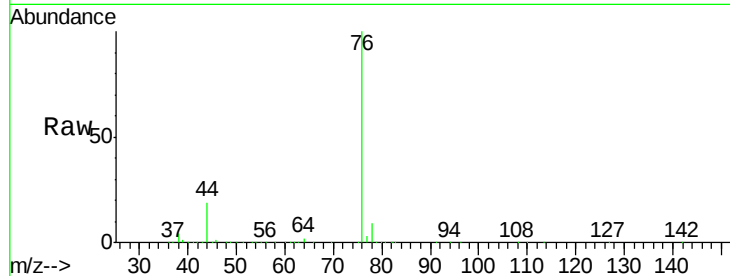
#17
Carbon Disulfide
Concen: 17.85 ug/l
RT: 2.57 min Scan# 325
Delta R.T. 0.00 min
Lab File: VX002837.D
Acq: 22 Jun 2018 17:53

Instrument :
MSVOA_X
ClientSampleId :
VX0622WBS02

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.3	6.9	10.3

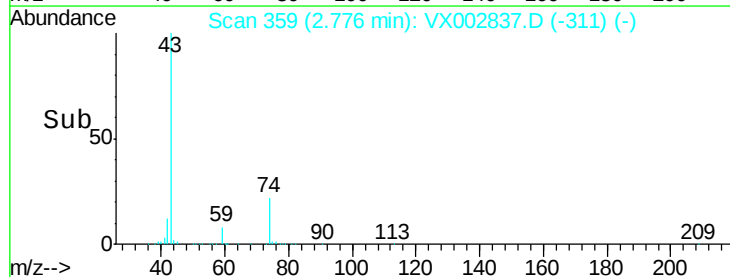
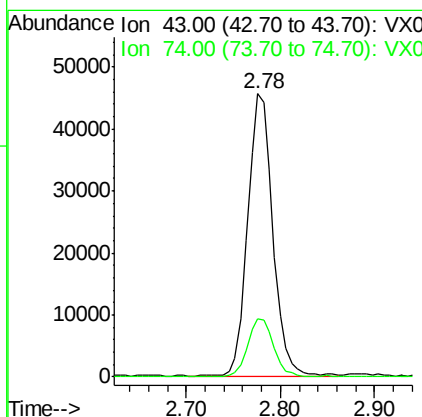
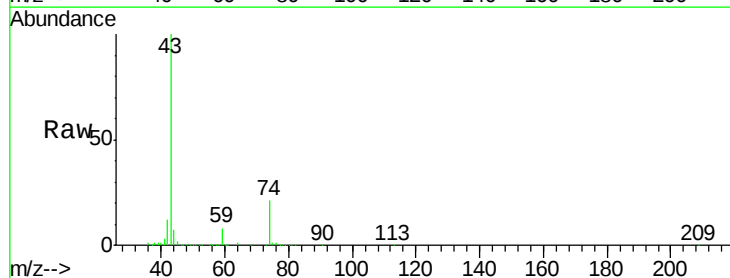
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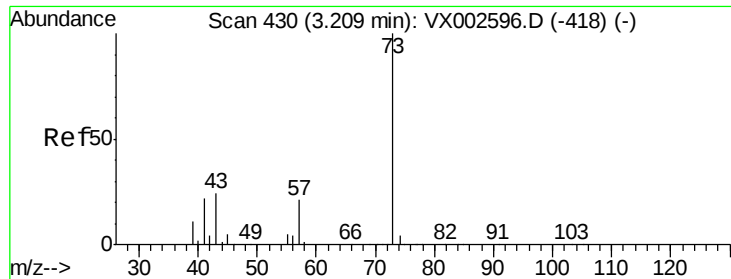
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#18
Methyl Acetate
Concen: 19.19 ug/l
RT: 2.78 min Scan# 359
Delta R.T. -0.01 min
Lab File: VX002837.D
Acq: 22 Jun 2018 17:53

Tgt Ion	Ratio	Lower	Upper
43	100		
74	21.7	16.7	25.1





#19

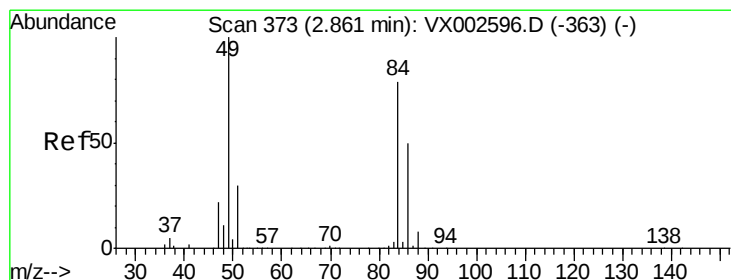
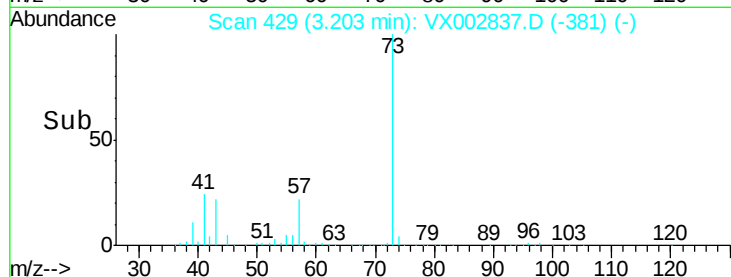
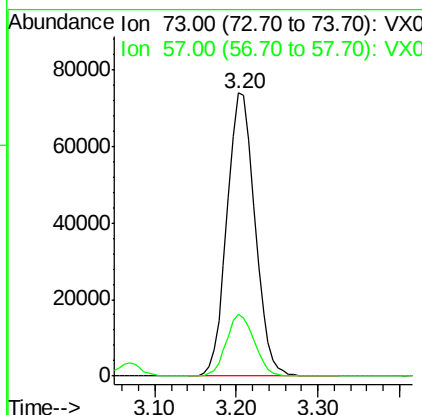
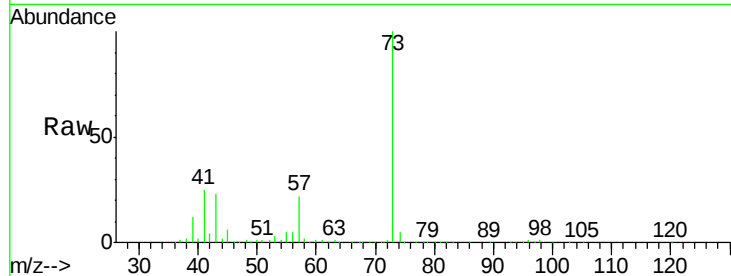
Methyl tert-butyl Ether
 Concen: 16.75 ug/l
 RT: 3.20 min Scan# 429
 Delta R.T. -0.01 min
 Lab File: VX002837.D
 Acq: 22 Jun 2018 17:53

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0622WBS02

Tot Ion	73	Resp	174903
Ion Ratio	Lower	Upper	
73	100		
57	22.0	17.7	26.5

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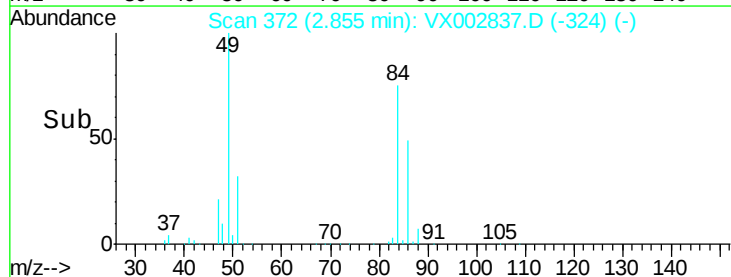
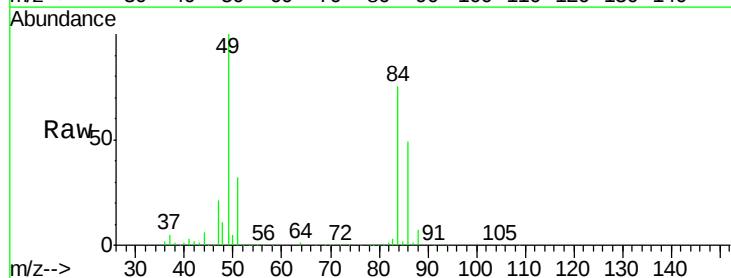
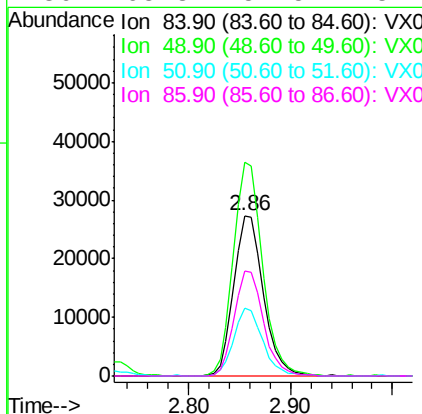
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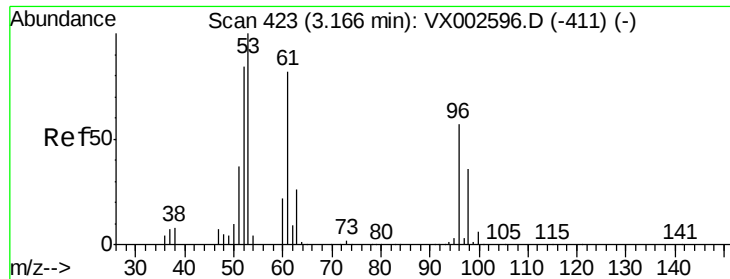


#20

Methylene Chloride
 Concen: 15.98 ug/l
 RT: 2.86 min Scan# 372
 Delta R.T. -0.01 min
 Lab File: VX002837.D
 Acq: 22 Jun 2018 17:53

Tgt Ion	84	Resp	54710
Ion Ratio	Lower	Upper	
84	100		
49	133.2	107.8	161.6
51	41.8	32.8	49.2
86	65.3	52.5	78.7





#21

trans-1,2-Dichloroethene

Concen: 16.83 ug/l

RT: 3.17 min Scan# 423

Delta R.T. 0.00 min

Lab File: VX002837.D

Acq: 22 Jun 2018 17:53

Instrument :

MSVOA_X

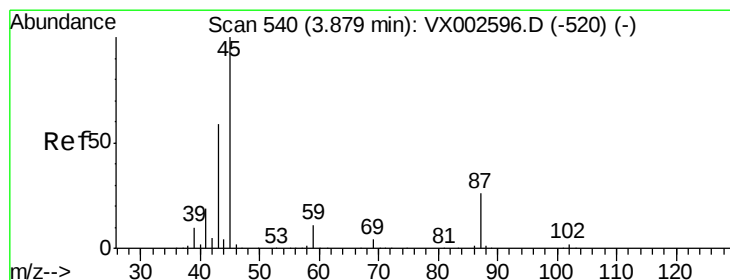
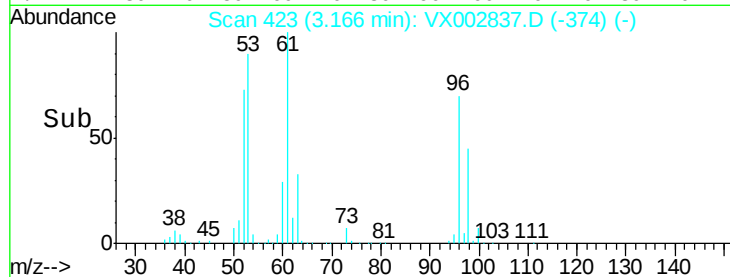
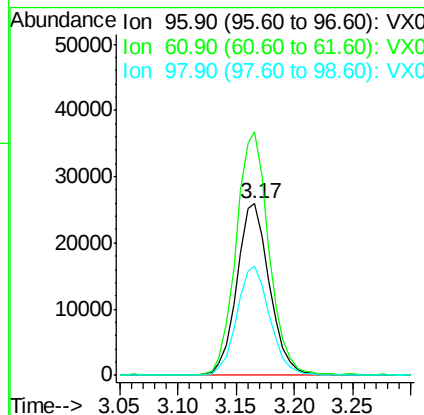
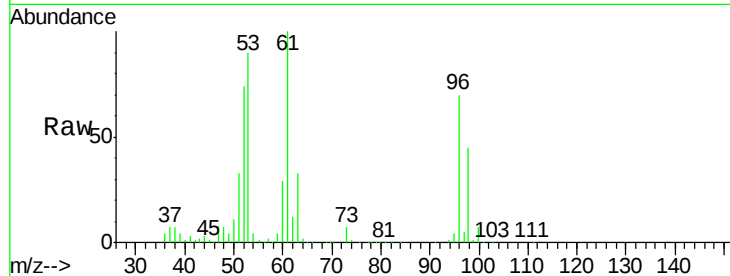
ClientSampleId :

VX0622WBS02

Tot Ion:	96	Resp:	50811
Ion	Ratio	Lower	Upper
96	100		
61	142.1	117.0	175.4
98	63.5	52.4	78.6

Manual Integrations
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#22

Diisopropyl ether

Concen: 18.58 ug/l

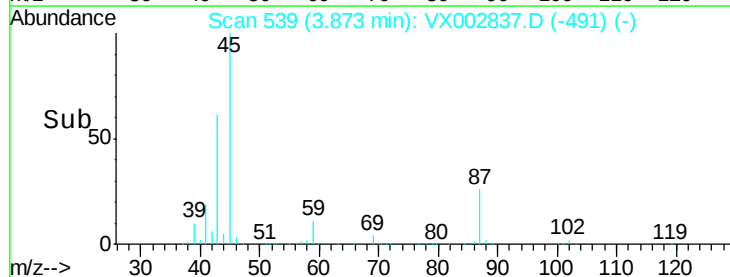
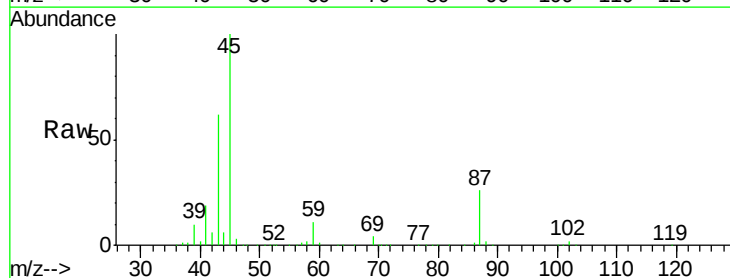
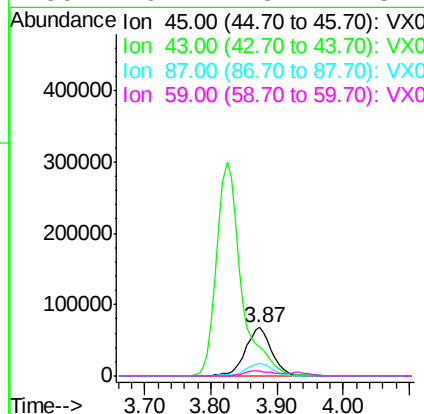
RT: 3.87 min Scan# 539

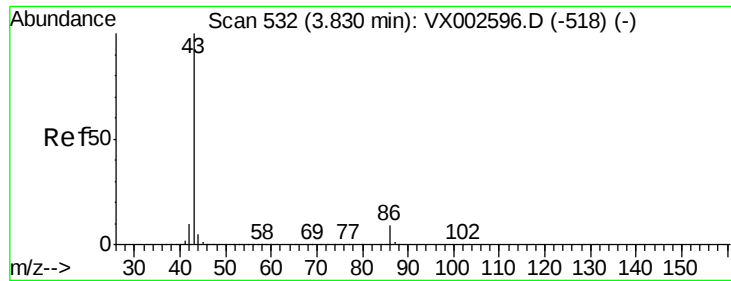
Delta R.T. -0.01 min

Lab File: VX002837.D

Acq: 22 Jun 2018 17:53

Tgt Ion:	45	Resp:	185794
Ion	Ratio	Lower	Upper
45	100		
43	61.3	46.8	70.2
87	26.1	20.2	30.4
59	10.7	8.7	13.1





#23

Vinyl Acetate

Concen: 93.08 ug/l

RT: 3.82 min Scan# 531

Delta R.T. -0.01 min

Lab File: VX002837.D

Acq: 22 Jun 2018 17:53

Instrument :

MSVOA_X

ClientSampleId :

VX0622WBS02

Tot Ion: 43 Resp: 779005

Ion Ratio Lower Upper

43 100

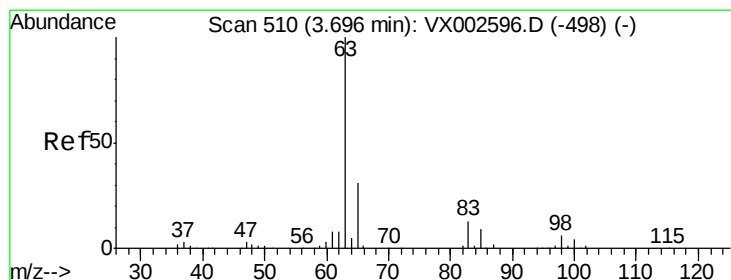
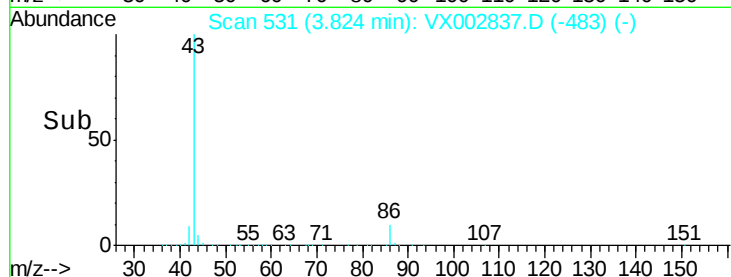
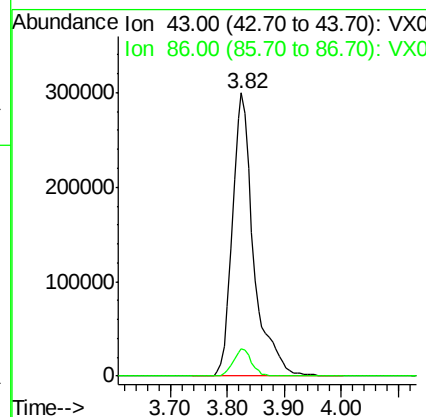
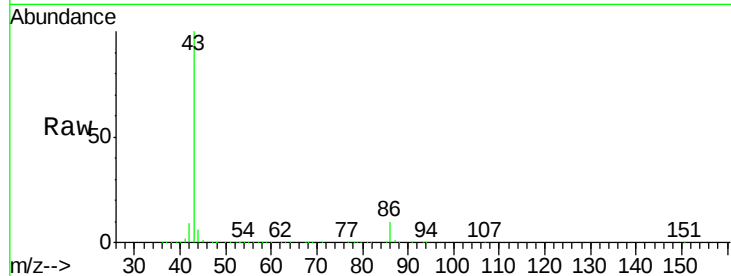
86 9.5 7.4 11.0

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 18.65 ug/l

RT: 3.70 min Scan# 510

Delta R.T. 0.00 min

Lab File: VX002837.D

Acq: 22 Jun 2018 17:53

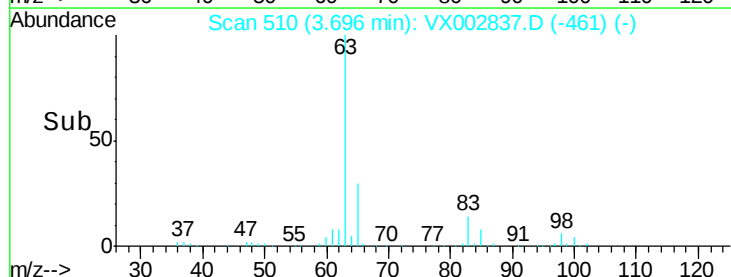
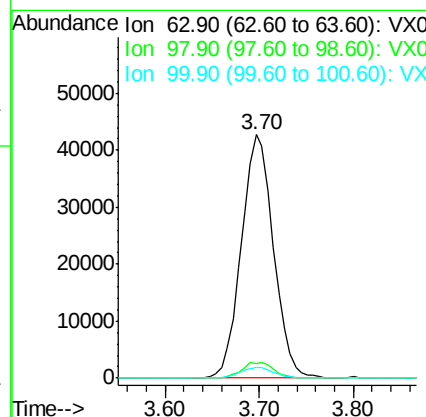
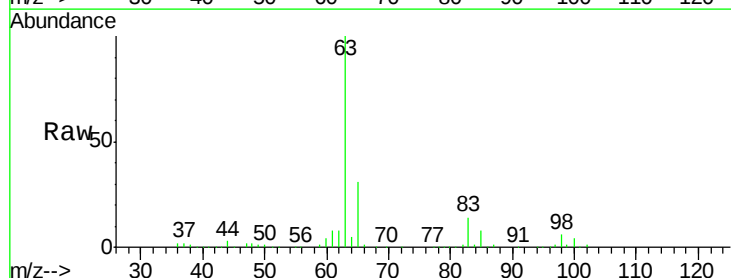
Tgt Ion: 63 Resp: 101212

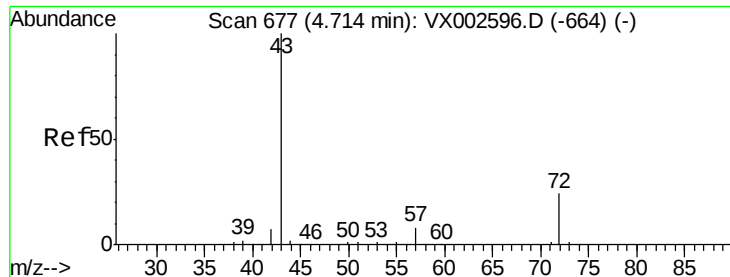
Ion Ratio Lower Upper

63 100

98 6.1 3.4 10.2

100 4.1 2.0 6.0





#25

2-Butanone

Concen: 95.30 ug/l

RT: 4.71 min Scan# 676

Delta R.T. -0.01 min

Lab File: VX002837.D

Acq: 22 Jun 2018 17:53

Instrument :

MSVOA_X

ClientSampleId :

VX0622WBS02

Tot Ion: 43 Resp: 209038

Ion Ratio Lower Upper

43 100

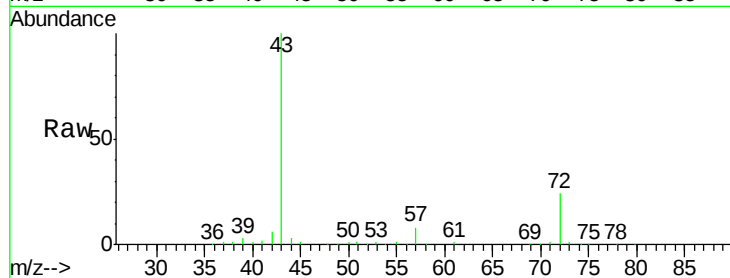
72 23.7 18.5 27.7

Manual Integrations

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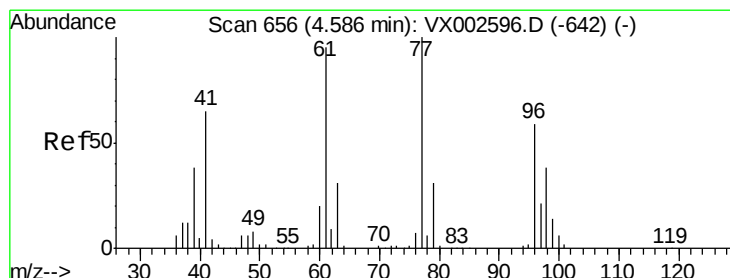
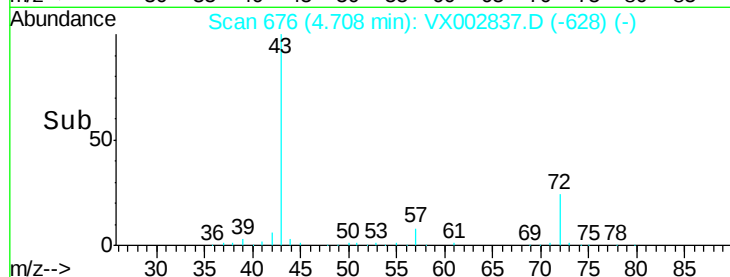
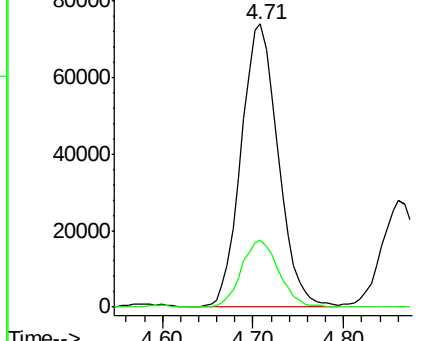
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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 19.65 ug/l

RT: 4.59 min Scan# 656

Delta R.T. 0.00 min

Lab File: VX002837.D

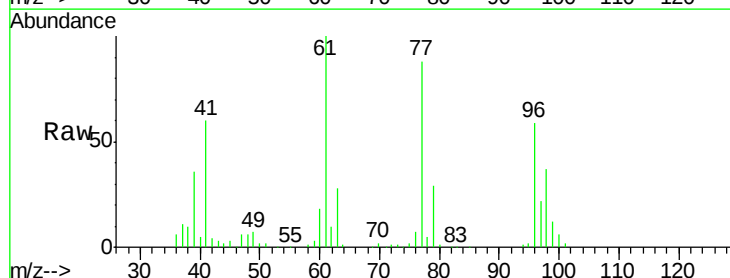
Acq: 22 Jun 2018 17:53

Tgt Ion: 77 Resp: 76645

Ion Ratio Lower Upper

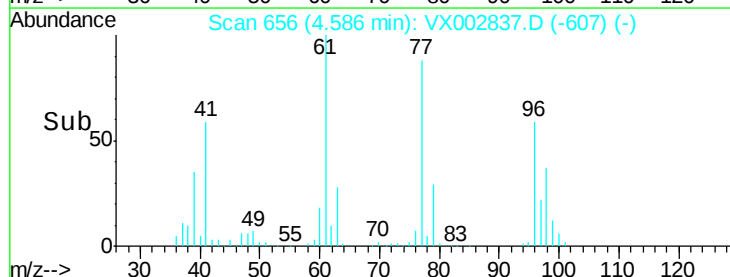
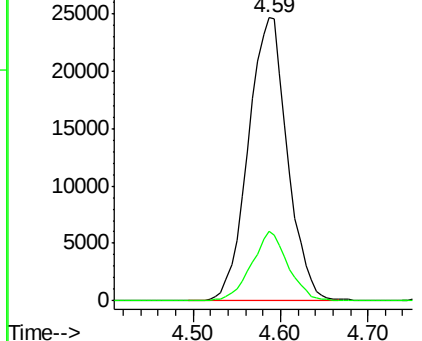
77 100

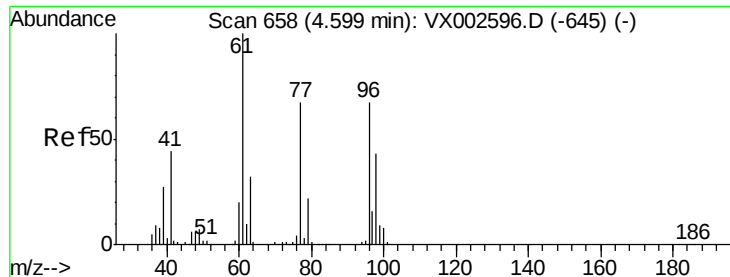
97 22.9 11.2 33.5



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0





#27

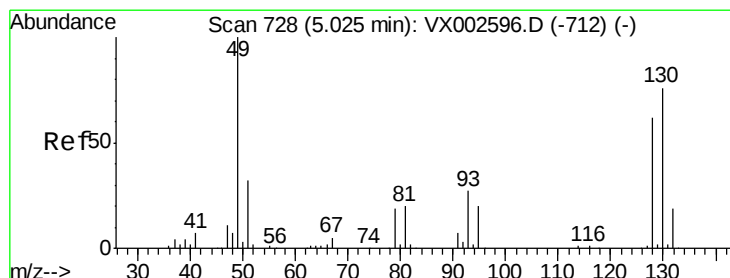
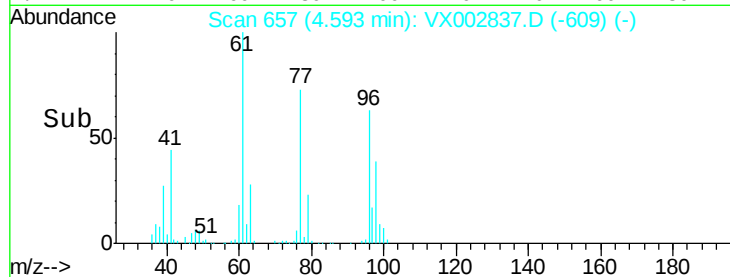
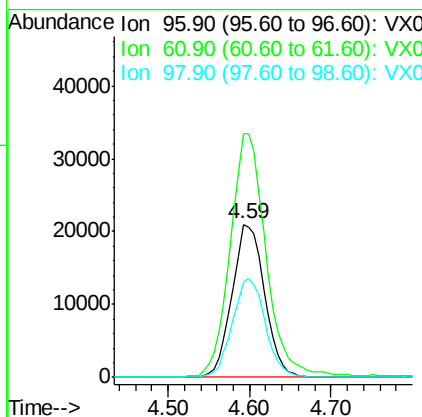
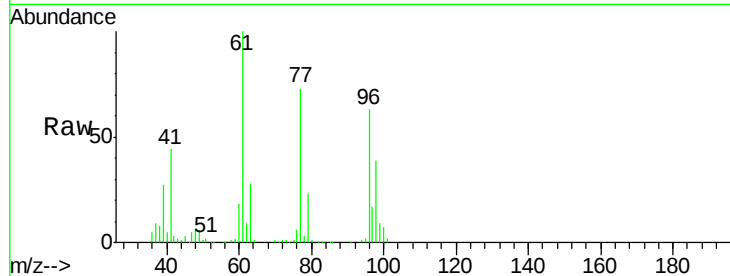
cis-1,2-Dichloroethene
Concen: 18.88 ug/l
RT: 4.59 min Scan# 657
Delta R.T. -0.01 min
Lab File: VX002837.D
Acq: 22 Jun 2018 17:53

Instrument :
MSVOA_X
ClientSampleId :
VX0622WBS02

Tot Ion	Ratio	Lower	Upper
96	100		
61	176.7	0.0	330.2
98	65.3	0.0	130.2

Manual Integrations
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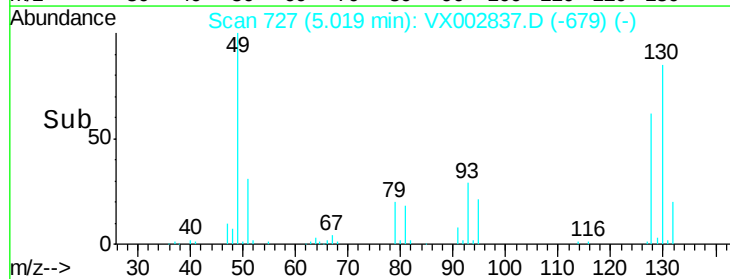
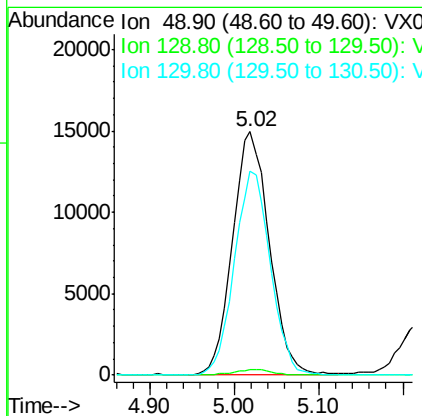
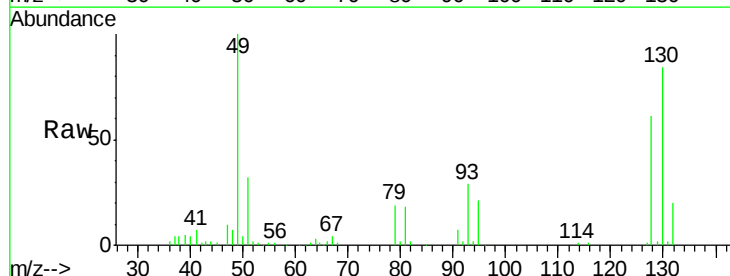
MMDadoda
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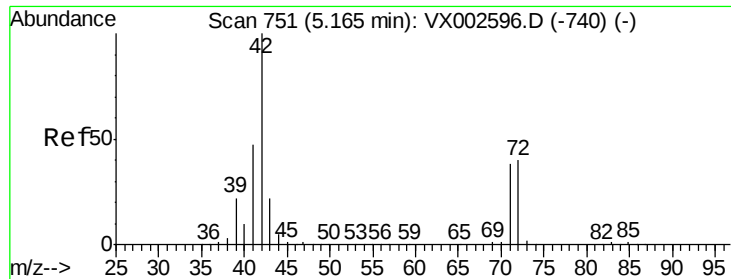


#28

Bromochloromethane
Concen: 17.44 ug/l
RT: 5.02 min Scan# 727
Delta R.T. -0.01 min
Lab File: VX002837.D
Acq: 22 Jun 2018 17:53

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.2	0.0	4.2
130	81.4	61.2	91.8





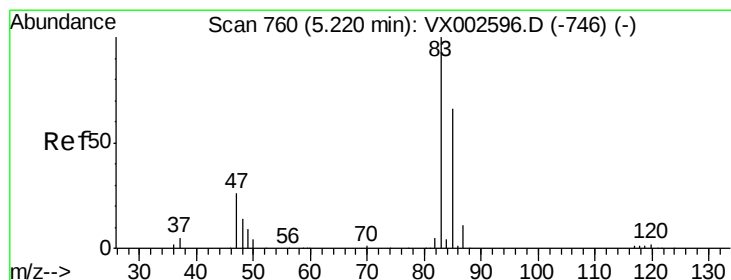
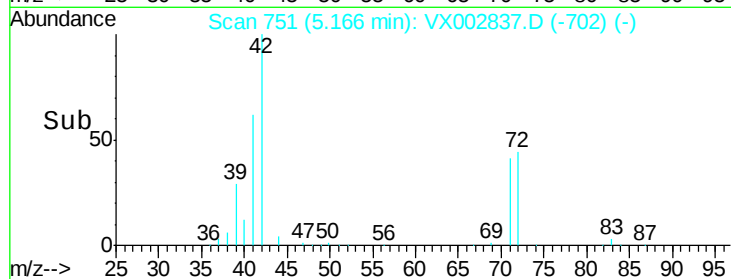
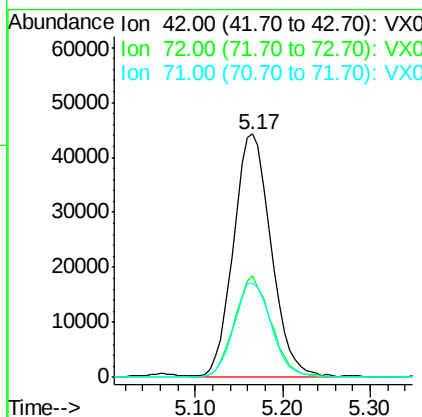
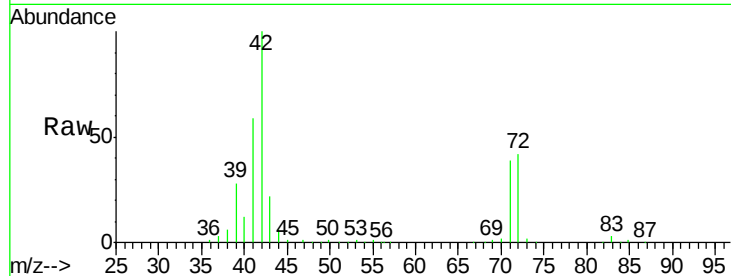
#29
Tetrahydrofuran
Concen: 91.79 ug/l
RT: 5.17 min Scan# 751
Delta R.T. 0.00 min
Lab File: VX002837.D
Acq: 22 Jun 2018 17:53

Instrument :
MSVOA_X
ClientSampleId :
VX0622WBS02

Tot Ion	Ratio	Lower	Upper
42	100		
72	41.0	32.0	48.0
71	39.0	30.1	45.1

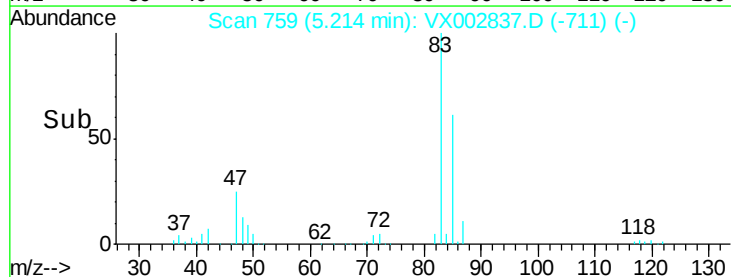
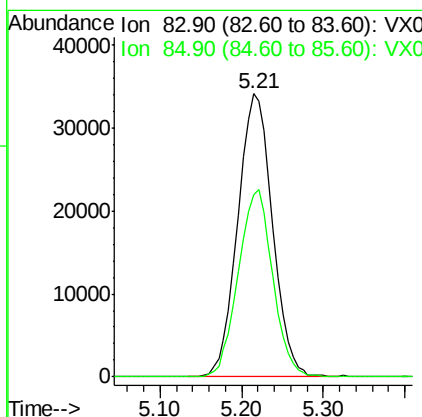
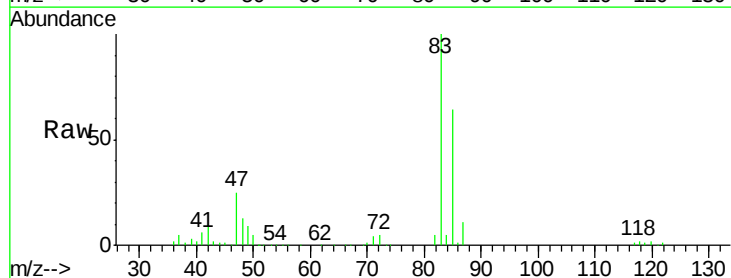
Manual Integrations
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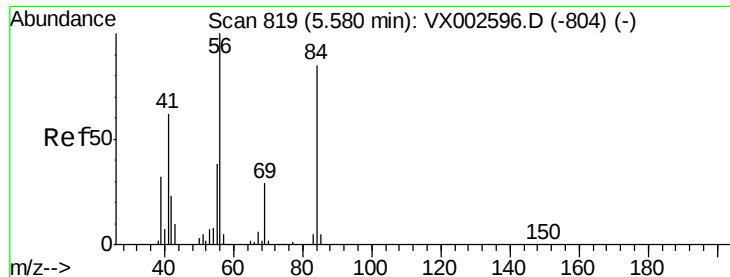
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#30
Chloroform
Concen: 19.25 ug/l
RT: 5.21 min Scan# 759
Delta R.T. -0.01 min
Lab File: VX002837.D
Acq: 22 Jun 2018 17:53

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.2	50.4	75.6





#31

Cyclohexane

Concen: 18.54 ug/l

RT: 5.57 min Scan# 818

Delta R.T. -0.01 min

Lab File: VX002837.D

Acq: 22 Jun 2018 17:53

Instrument :

MSVOA_X

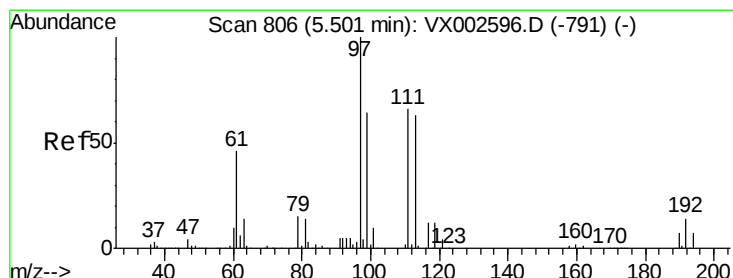
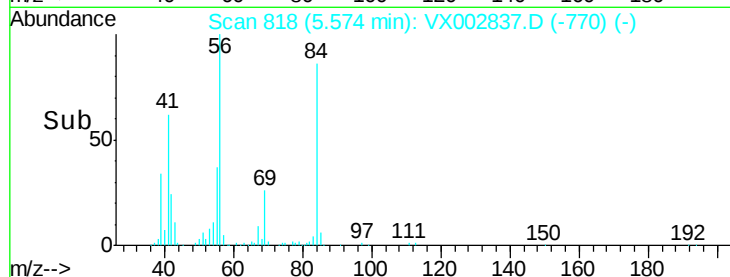
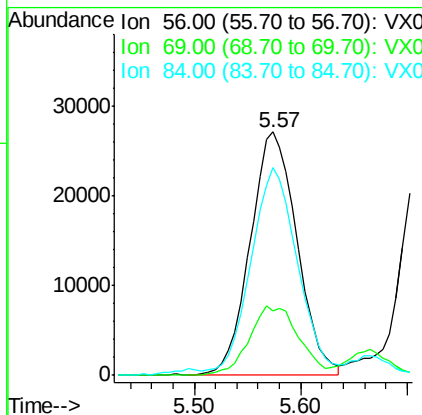
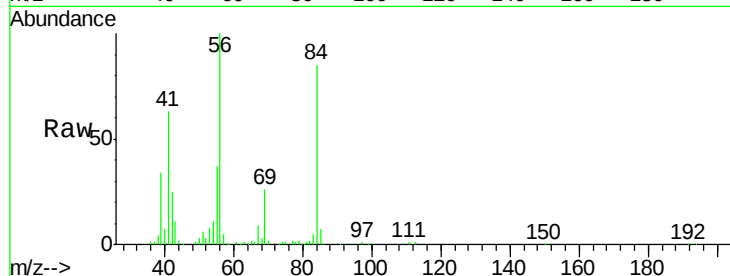
ClientSampleId :

VX0622WBS02

Tot Ion:	56	Resp:	82865
Ion	Ratio	Lower	Upper
56	100		
69	26.4	23.7	35.5
84	83.0	64.1	96.1

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 20.24 ug/l

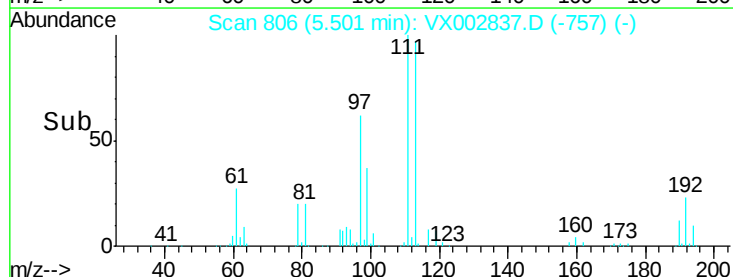
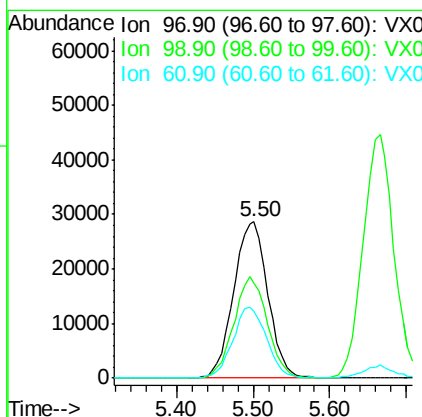
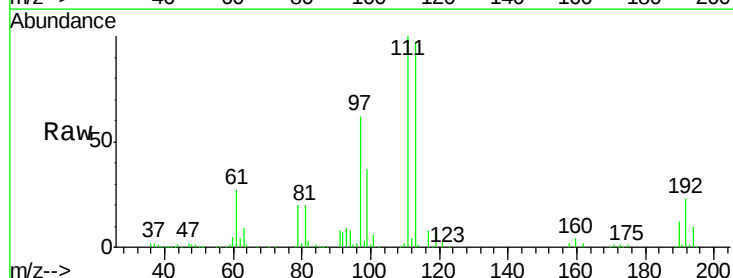
RT: 5.50 min Scan# 806

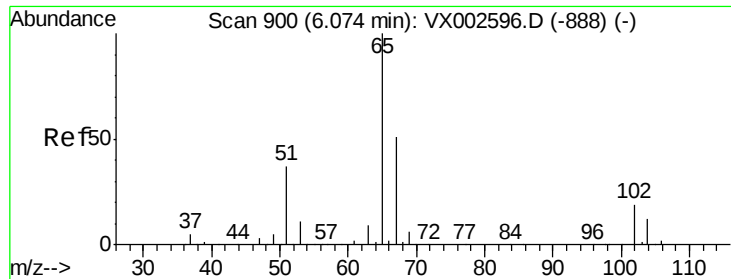
Delta R.T. 0.00 min

Lab File: VX002837.D

Acq: 22 Jun 2018 17:53

Tgt Ion:	97	Resp:	88587
Ion	Ratio	Lower	Upper
97	100		
99	63.6	51.6	77.4
61	44.8	36.4	54.6





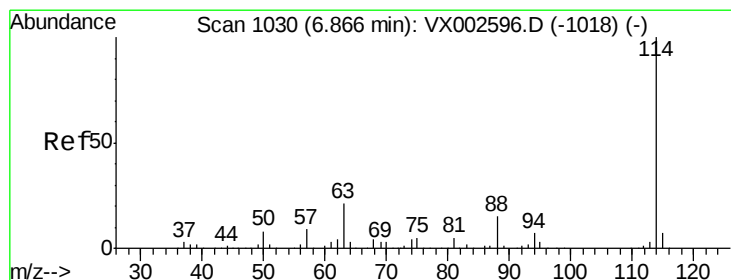
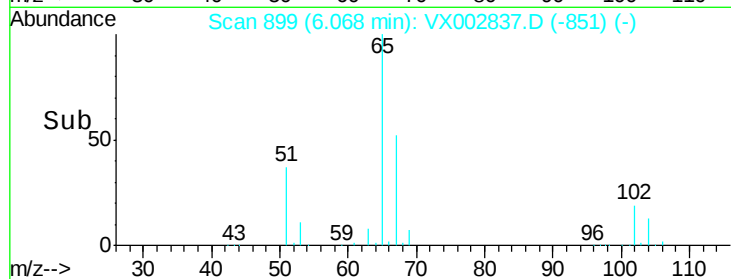
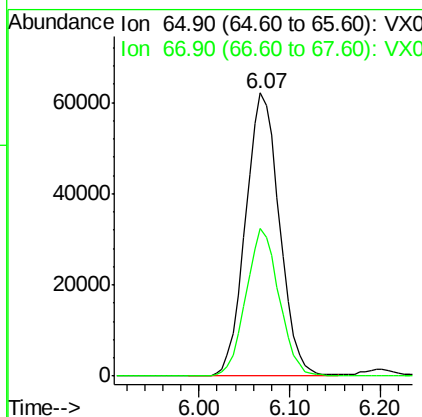
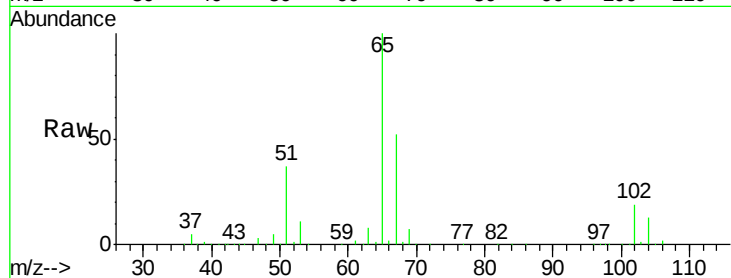
#33
 1,2-Dichloroethane-d4
 Concen: 42.47 ug/l
 RT: 6.07 min Scan# 899
 Delta R.T. -0.01 min
 Lab File: VX002837.D
 Acq: 22 Jun 2018 17:53

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0622WBS02

Tot Ion	Ratio	Resp	Lower	Upper
65	100	160781		
67	51.2	0.0	102.6	

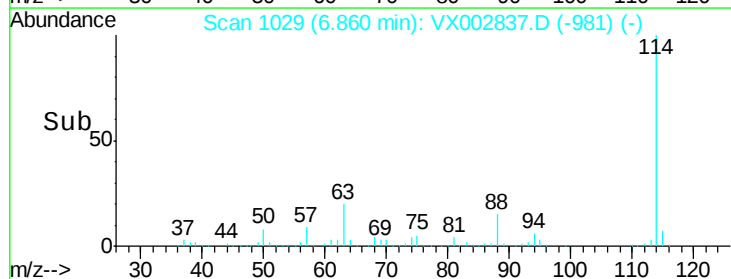
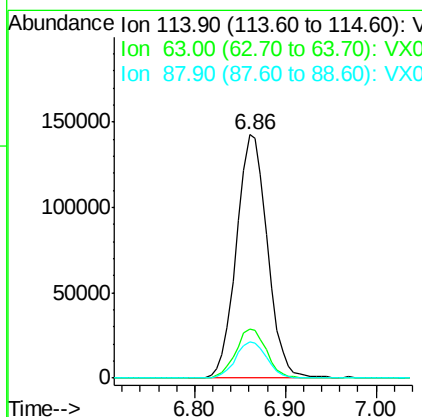
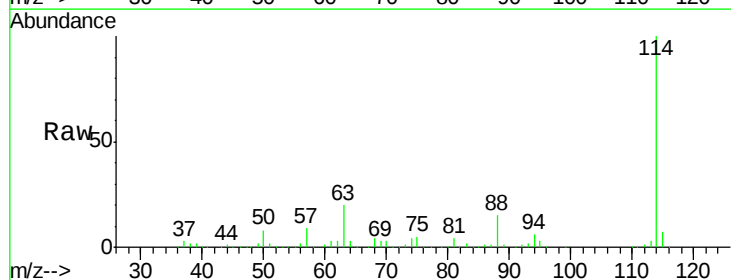
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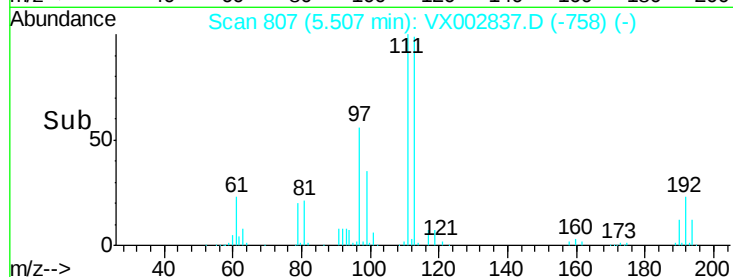
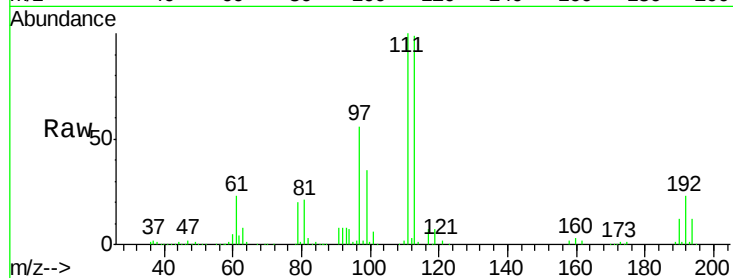
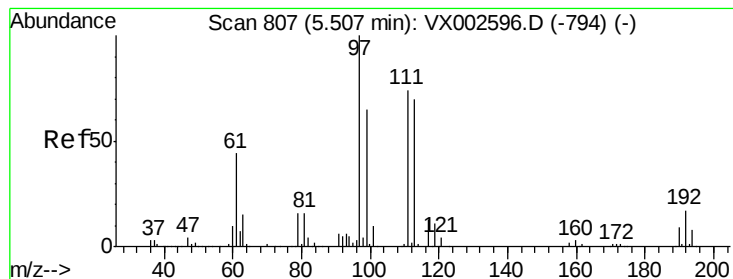
MMDadoda
 6/25/2018 6:56:07 PM



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.86 min Scan# 1029
 Delta R.T. -0.01 min
 Lab File: VX002837.D
 Acq: 22 Jun 2018 17:53

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	337211		
63	19.9	0.0	41.4	
88	15.0	0.0	30.0	





#35

Dibromofluoromethane

Concen: 47.75 ug/l

RT: 5.51 min Scan# 807

Delta R.T. 0.00 min

Lab File: VX002837.D

Acq: 22 Jun 2018 17:53

Tot Ion	113	Resp:	128508
Ion Ratio	Lower	Upper	
113	100		
111	102.7	81.4	122.0
192	24.4	19.1	28.7

Instrument :

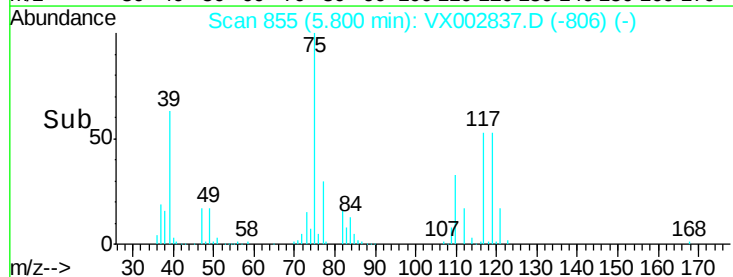
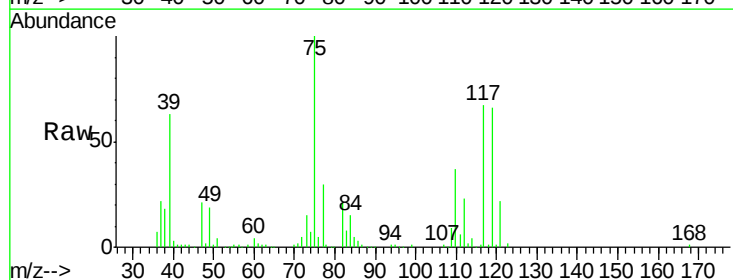
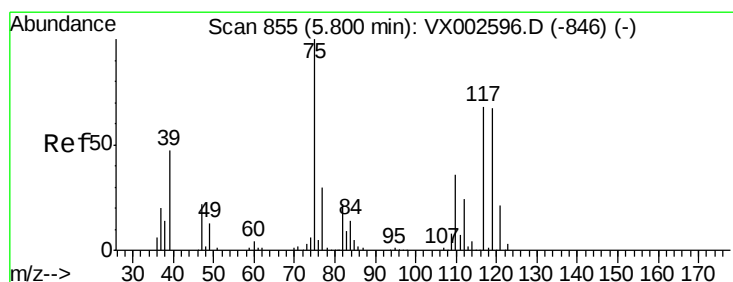
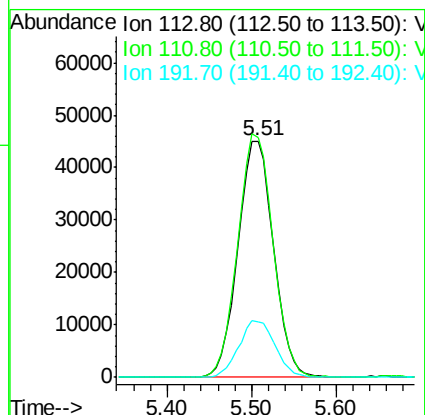
MSVOA_X

ClientSampleId :

VX0622WBS02

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#36

1,1-Dichloropropene

Concen: 19.81 ug/l

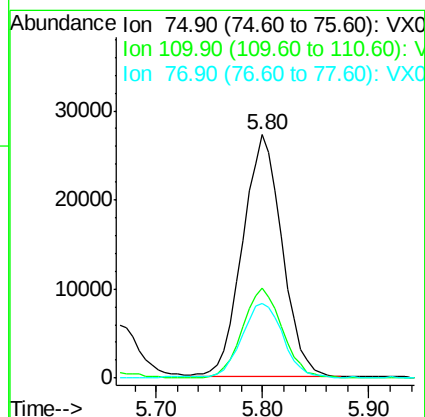
RT: 5.80 min Scan# 855

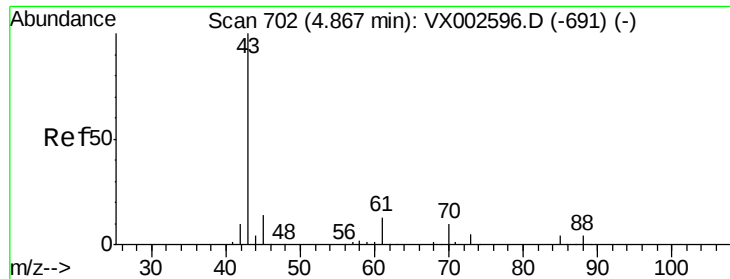
Delta R.T. 0.00 min

Lab File: VX002837.D

Acq: 22 Jun 2018 17:53

Tgt Ion	75	Resp:	70960
Ion Ratio	Lower	Upper	
75	100		
110	37.6	18.1	54.4
77	32.0	24.3	36.5





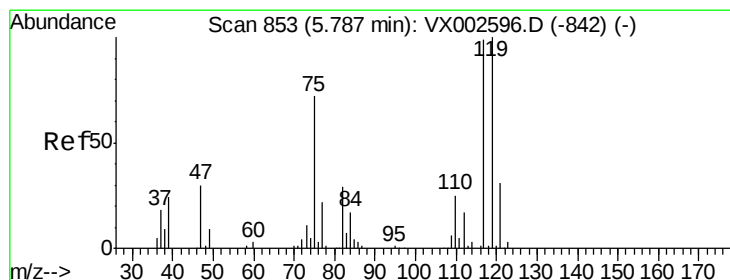
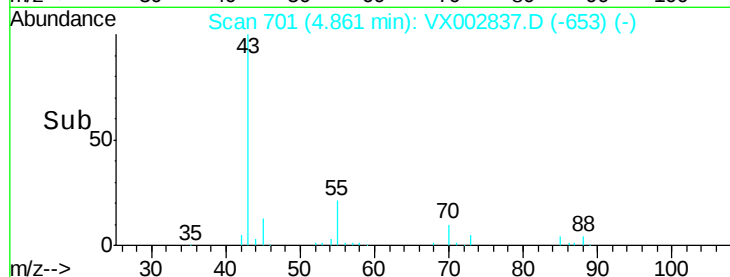
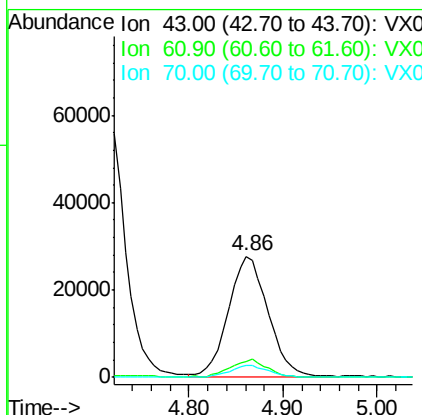
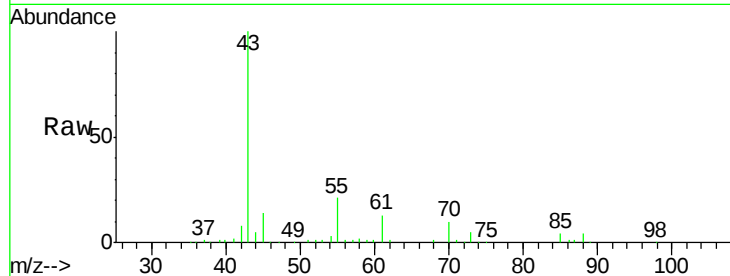
#37
Ethyl Acetate
Concen: 19.82 ug/l
RT: 4.86 min Scan# 701
Delta R.T. -0.01 min
Lab File: VX002837.D
Acq: 22 Jun 2018 17:53

Instrument :
MSVOA_X
ClientSampleId :
VX0622WBS02

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.3	10.4	15.6
70	9.8	7.6	11.4

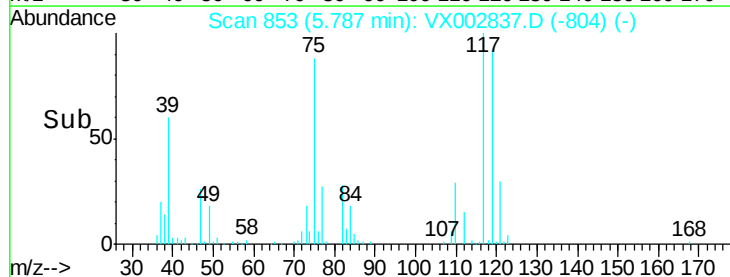
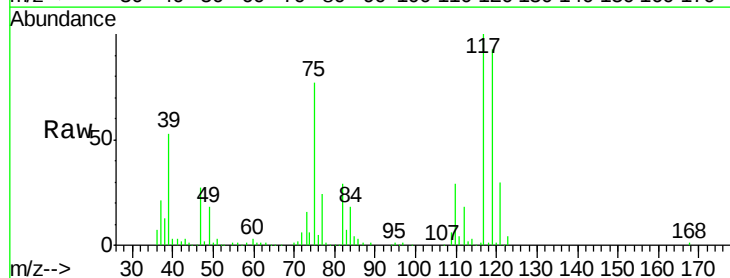
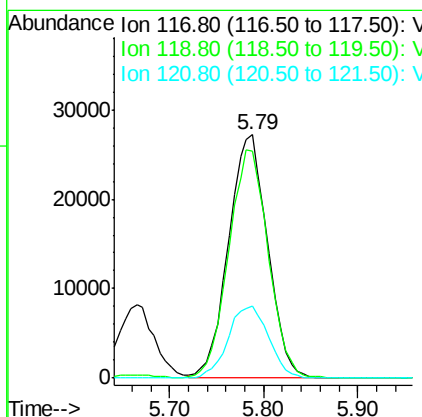
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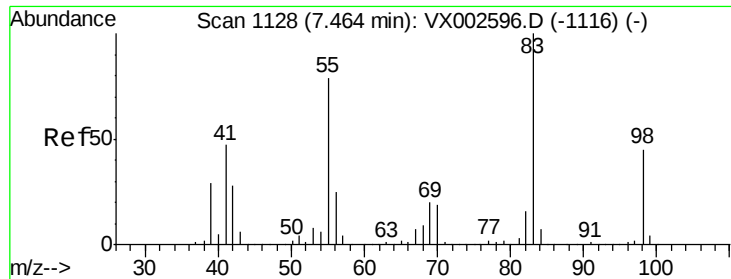
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#38
Carbon Tetrachloride
Concen: 22.02 ug/l
RT: 5.79 min Scan# 853
Delta R.T. 0.00 min
Lab File: VX002837.D
Acq: 22 Jun 2018 17:53

Tgt Ion	Ratio	Lower	Upper
117	100		
119	93.4	77.4	116.0
121	29.9	24.4	36.6





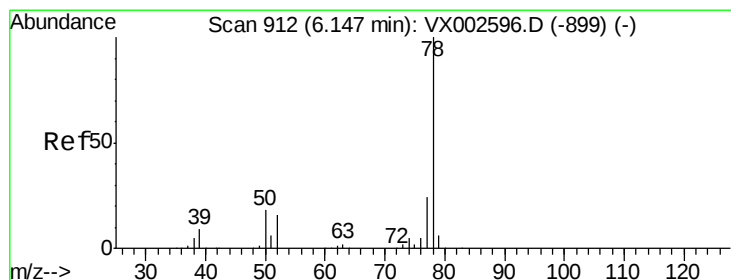
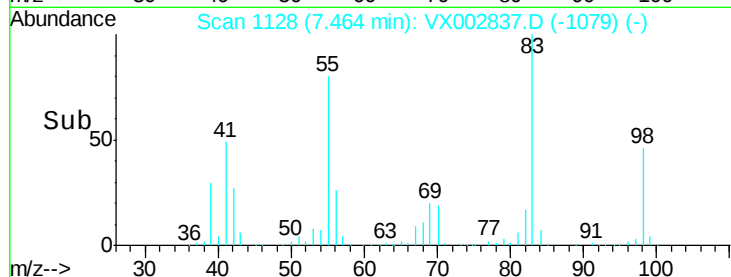
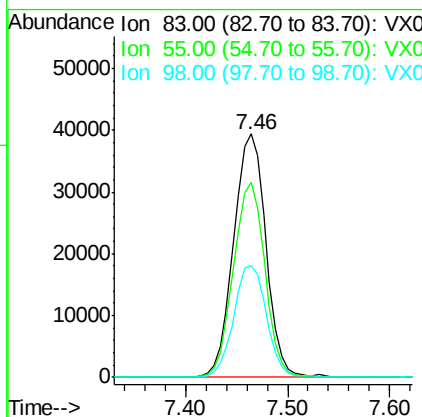
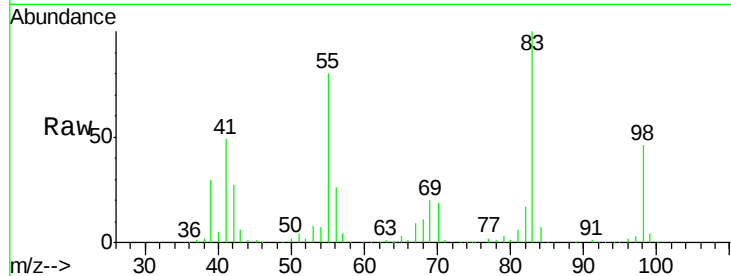
#39
Methylvlcvclohexane
Concen: 20.68 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. 0.00 min
Lab File: VX002837.D
Acq: 22 Jun 2018 17:53

Instrument :
MSVOA_X
ClientSampleId :
VX0622WBS02

Tot Ion	Ratio	Lower	Upper
83	100		
55	79.7	65.4	98.0
98	45.8	37.4	56.0

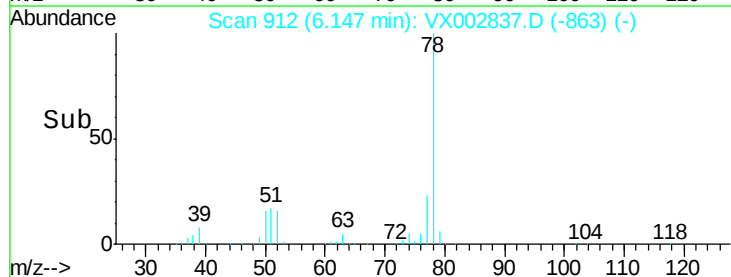
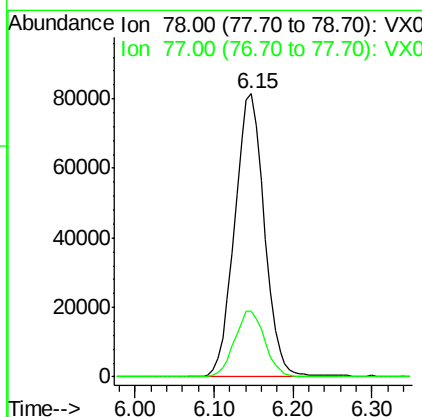
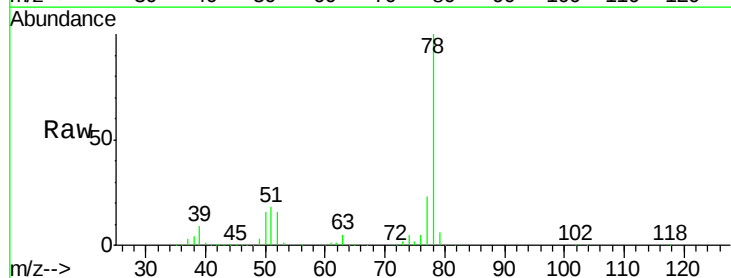
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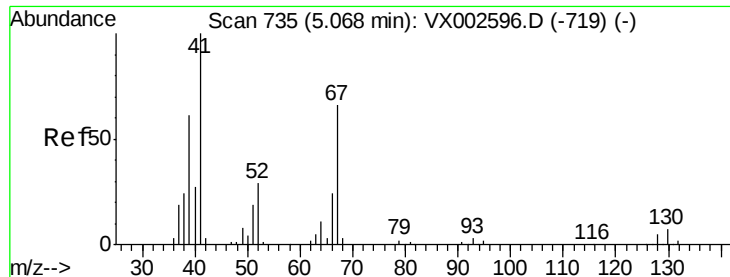
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#40
Benzene
Concen: 19.95 ug/l
RT: 6.15 min Scan# 912
Delta R.T. 0.00 min
Lab File: VX002837.D
Acq: 22 Jun 2018 17:53

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.3	19.1	28.7





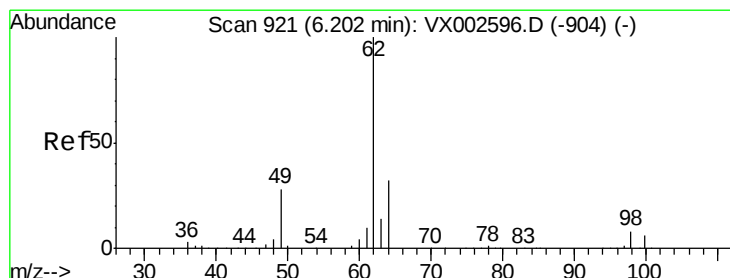
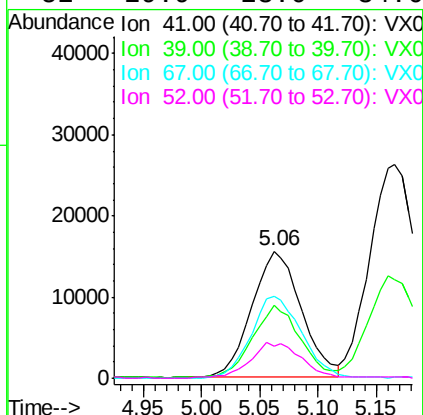
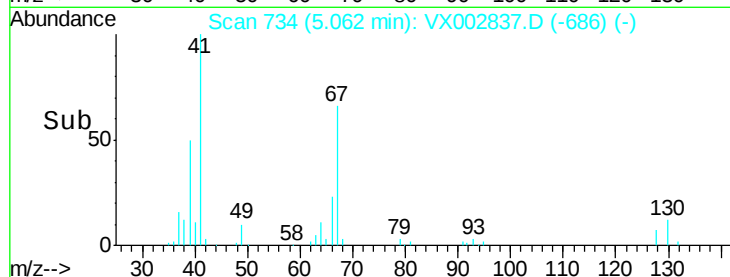
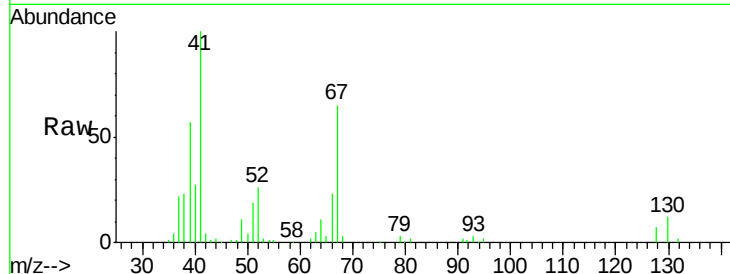
#41
Methacrylonitrile
Concen: 20.14 ug/l
RT: 5.06 min Scan# 734
Delta R.T. -0.01 min
Lab File: VX002837.D
Acq: 22 Jun 2018 17:53

Instrument :
MSVOA_X
ClientSampleId :
VX0622WBS02

Tot Ion:	41	Resp:	46088
Ion	Ratio	Lower	Upper
41	100		
39	54.1	45.8	68.6
67	66.6	51.3	76.9
52	29.9	23.0	34.6

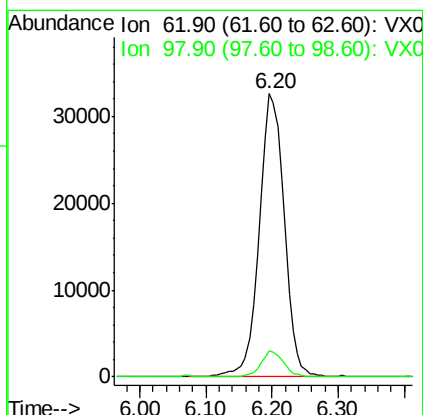
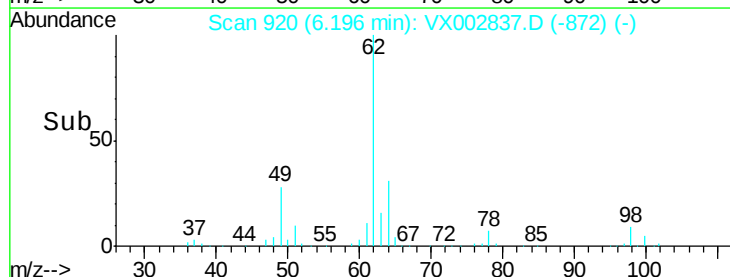
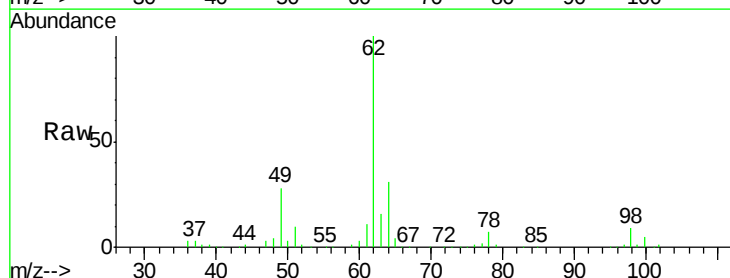
Manual Integrations
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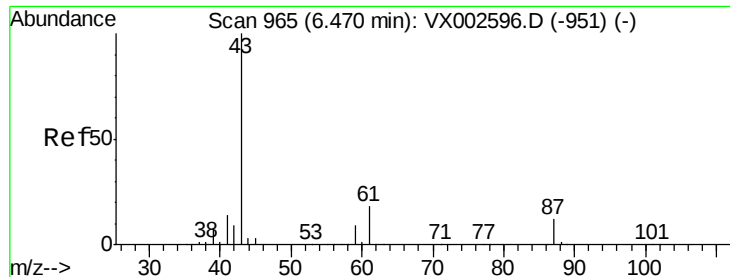
MMDadoda
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#42
1,2-Dichloroethane
Concen: 20.74 ug/l
RT: 6.20 min Scan# 920
Delta R.T. -0.01 min
Lab File: VX002837.D
Acq: 22 Jun 2018 17:53

Tgt Ion:	62	Resp:	86248
Ion	Ratio	Lower	Upper
62	100		
98	8.3	0.0	16.6





#43

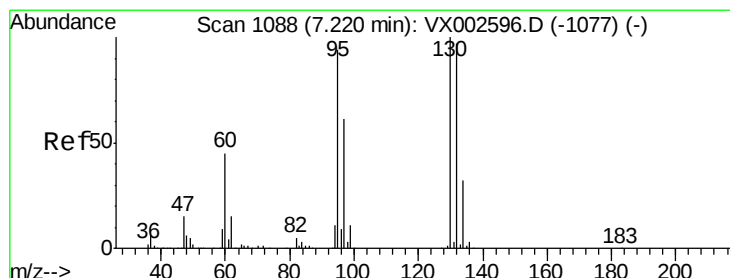
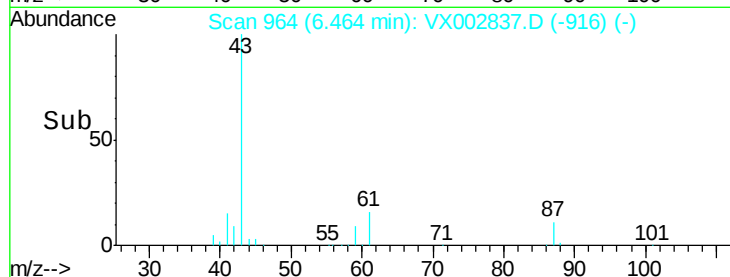
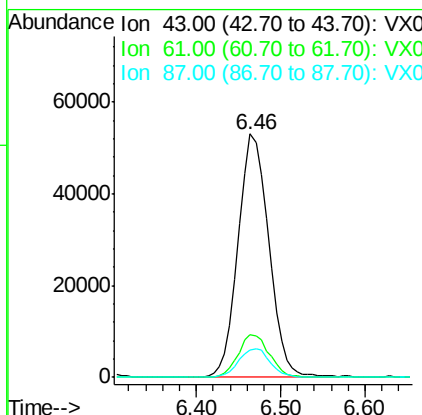
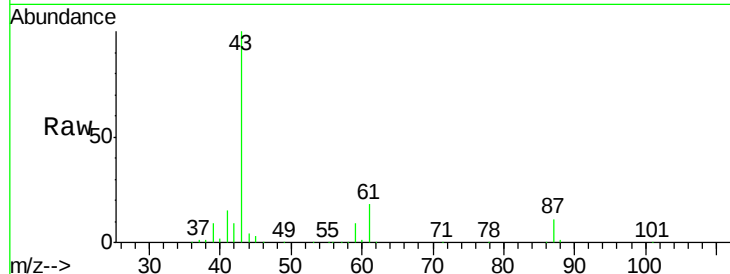
Isopropyl Acetate
 Concen: 19.44 ug/l
 RT: 6.46 min Scan# 964
 Delta R.T. -0.01 min
 Lab File: VX002837.D
 Acq: 22 Jun 2018 17:53

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0622WBS02

Tot Ion	Ratio	Lower	Upper
43	100		
61	18.0	14.4	21.6
87	12.0	9.5	14.3

Manual Integrations
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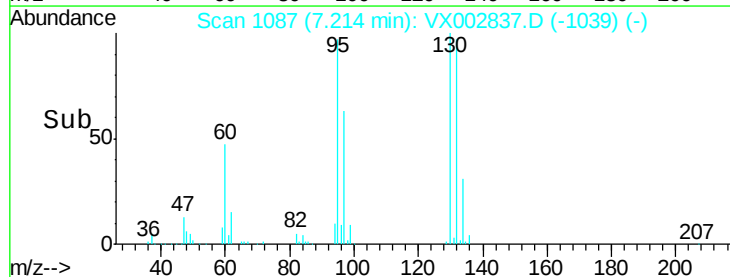
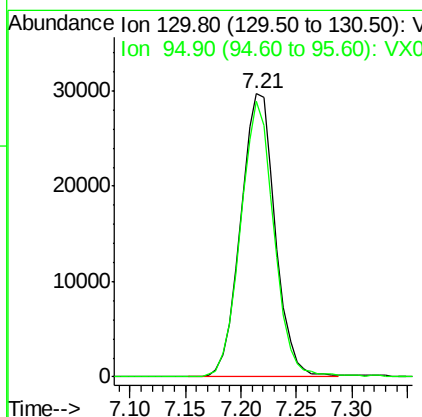
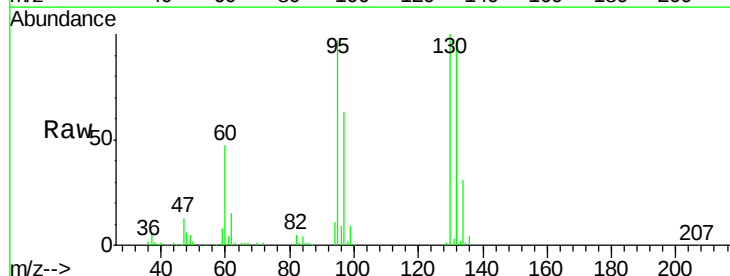
MMDadoda
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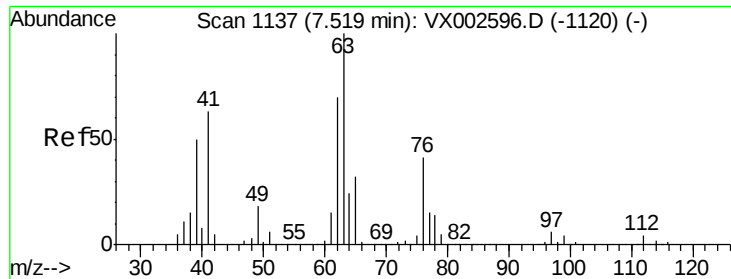


#44

Trichloroethene
 Concen: 20.67 ug/l
 RT: 7.21 min Scan# 1087
 Delta R.T. -0.01 min
 Lab File: VX002837.D
 Acq: 22 Jun 2018 17:53

Tgt Ion	Ratio	Lower	Upper
130	100		
95	97.5	0.0	185.4





#45

1,2-Dichloropropane

Concen: 19.87 ug/l

RT: 7.52 min Scan# 1137

Delta R.T. 0.00 min

Lab File: VX002837.D

Acq: 22 Jun 2018 17:53

Instrument :

MSVOA_X

ClientSampleId :

VX0622WBS02

Tot Ion: 63 Resp: 56151

Ion Ratio Lower Upper

63 100

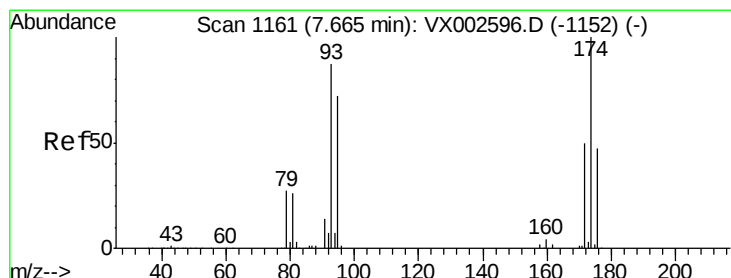
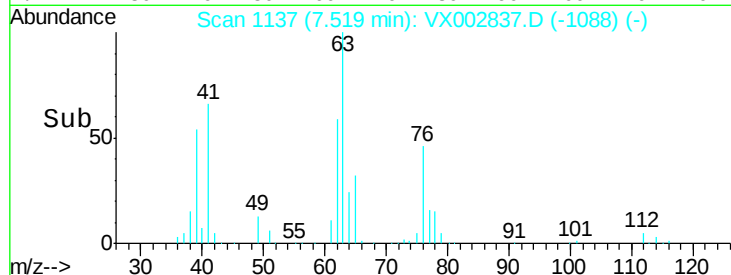
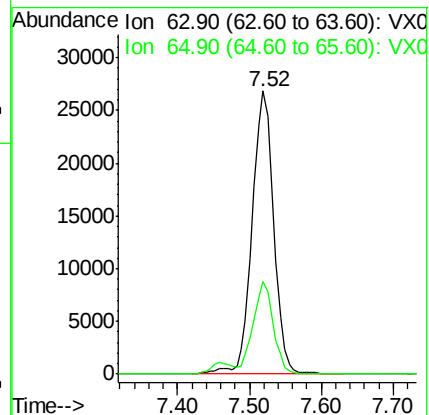
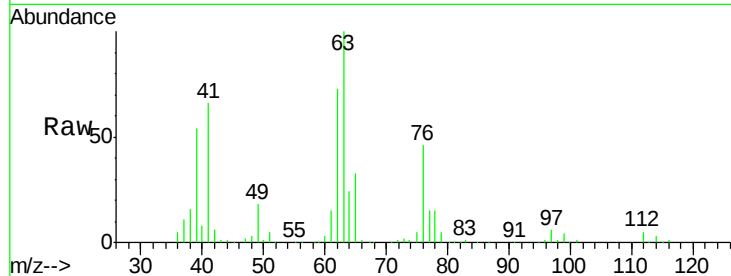
65 32.7 24.7 37.1

Manual Integrations

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#46

Dibromomethane

Concen: 21.18 ug/l

RT: 7.67 min Scan# 1161

Delta R.T. 0.00 min

Lab File: VX002837.D

Acq: 22 Jun 2018 17:53

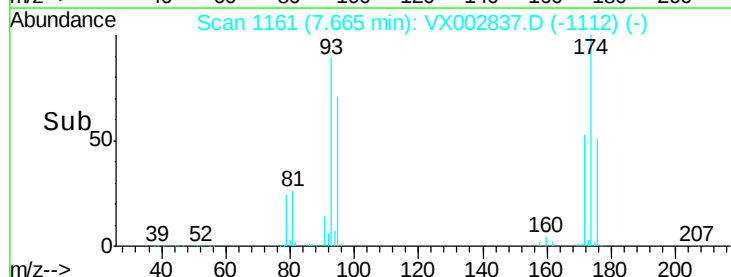
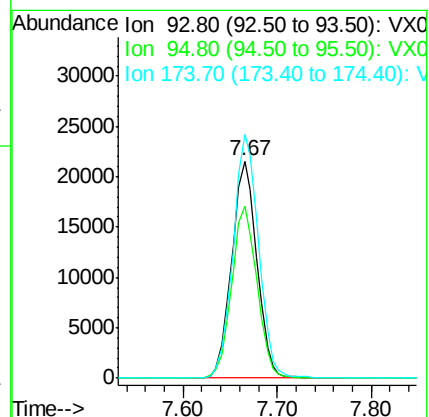
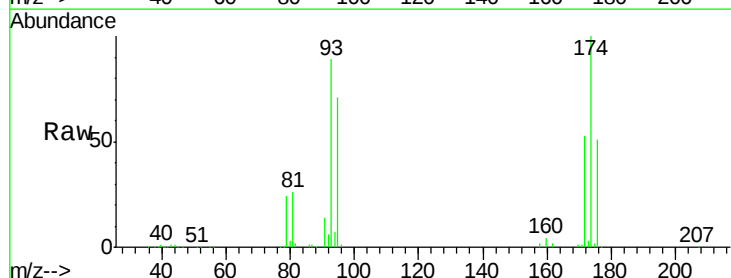
Tgt Ion: 93 Resp: 40038

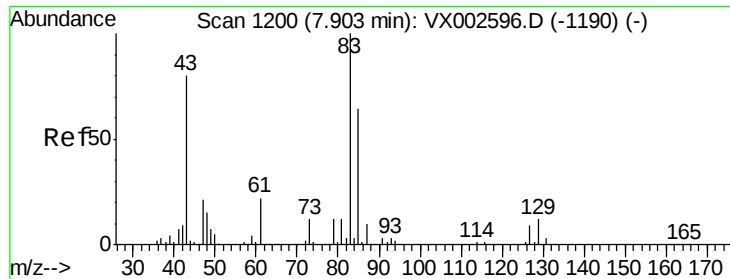
Ion Ratio Lower Upper

93 100

95 79.8 65.9 98.9

174 113.7 92.4 138.6





#47

Bromodichloromethane

Concen: 21.29 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. 0.00 min

Lab File: VX002837.D

Acq: 22 Jun 2018 17:53

Instrument :

MSVOA_X

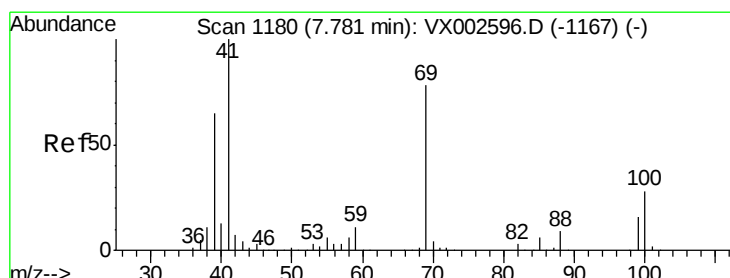
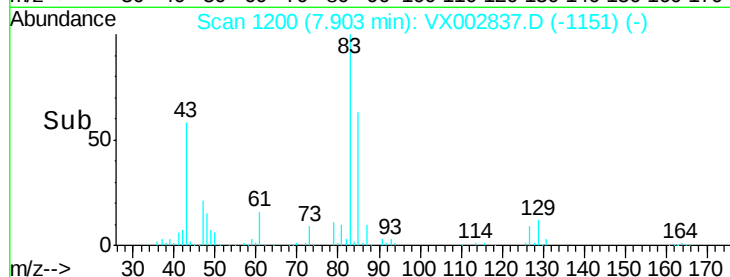
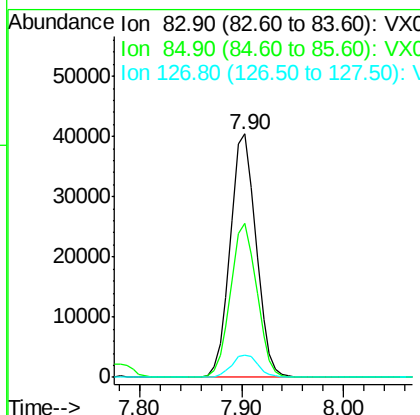
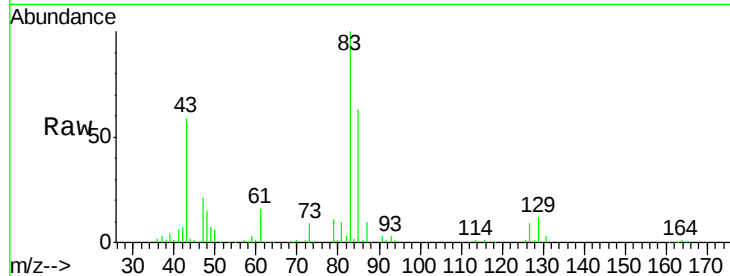
ClientSampleId :

VX0622WBS02

Tot Ion:	83	Resp:	70990
Ion	Ratio	Lower	Upper
83	100		
85	63.2	50.3	75.5
127	9.1	7.0	10.4

Manual Integrations
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#48

Methyl methacrylate

Concen: 19.72 ug/l

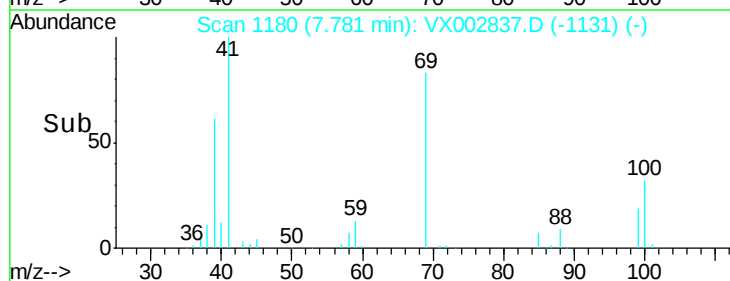
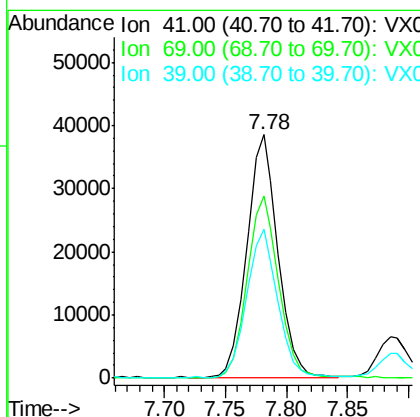
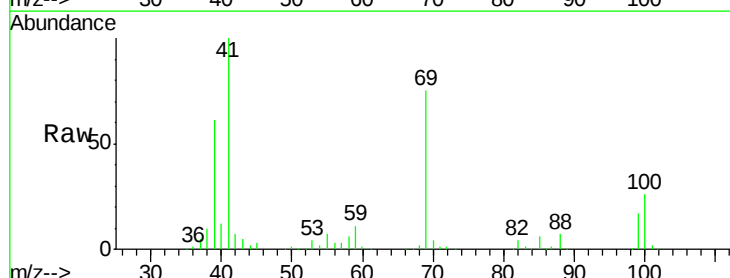
RT: 7.78 min Scan# 1180

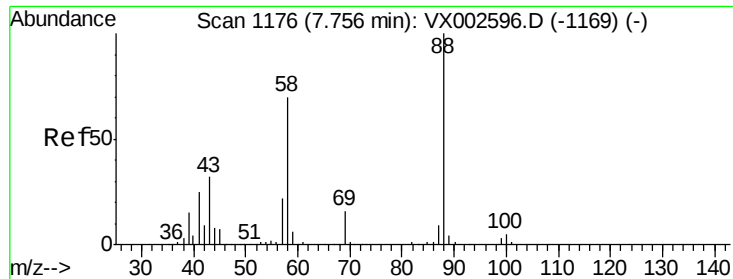
Delta R.T. 0.00 min

Lab File: VX002837.D

Acq: 22 Jun 2018 17:53

Tgt Ion:	41	Resp:	67665
Ion	Ratio	Lower	Upper
41	100		
69	76.4	59.1	88.7
39	61.0	48.9	73.3





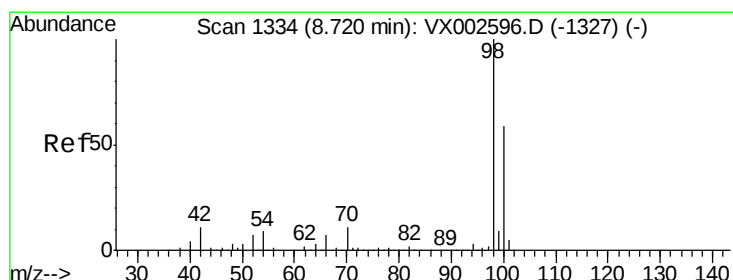
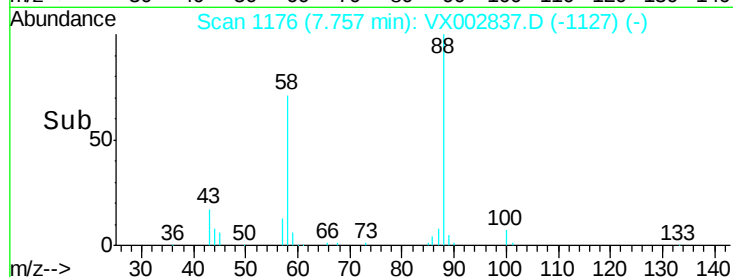
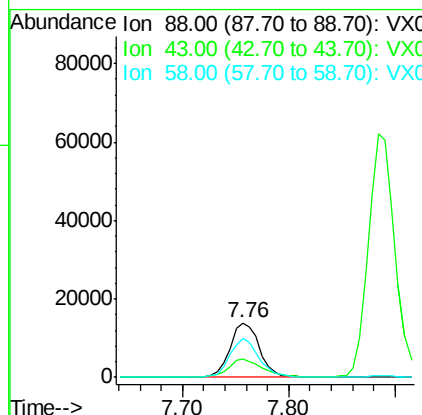
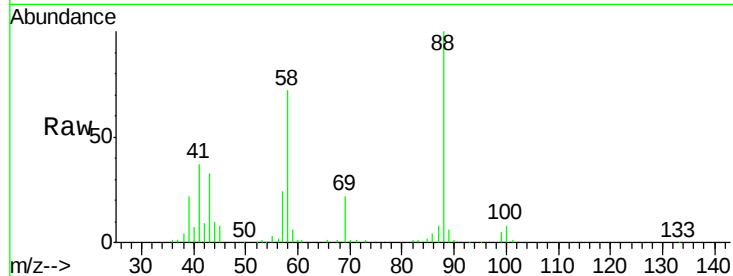
#49
1,4-Dioxane
Concen: 419.25 ug/l
RT: 7.76 min Scan# 1176
Delta R.T. 0.00 min
Lab File: VX002837.D
Acq: 22 Jun 2018 17:53

Instrument :
MSVOA_X
ClientSampleId :
VX0622WBS02

Tot Ion	Ratio	Lower	Upper
88	100		
43	37.8	29.8	44.6
58	70.9	57.1	85.7

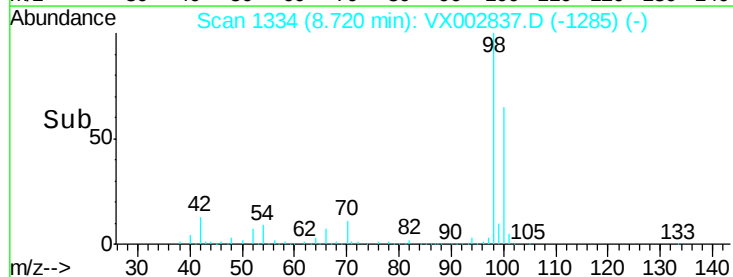
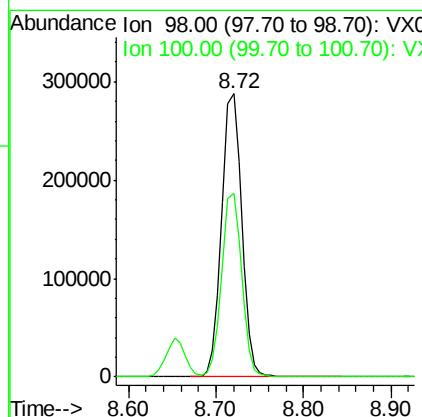
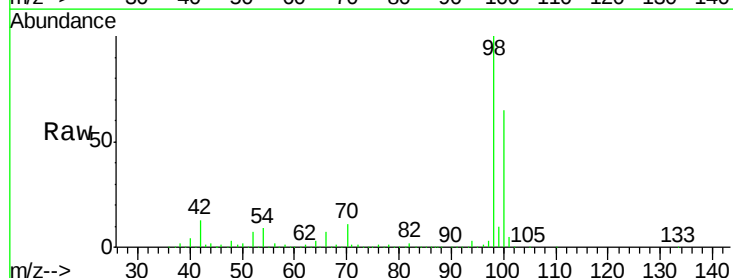
Manual Integrations
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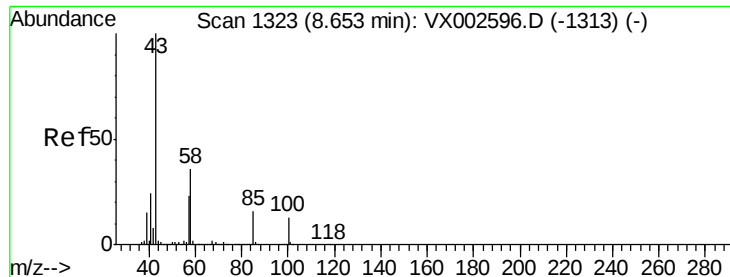
MMDadoda
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#50
Toluene-d8
Concen: 45.04 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX002837.D
Acq: 22 Jun 2018 17:53

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.4	50.9	76.3





#51

4-Methyl-2-Pentanone

Concen: 99.51 ug/l

RT: 8.65 min Scan# 1323

Delta R.T. 0.00 min

Lab File: VX002837.D

Acq: 22 Jun 2018 17:53

Instrument :

MSVOA_X

ClientSampleId :

VX0622WBS02

Tot Ion: 43 Resp: 429102

Ion Ratio Lower Upper

43 100

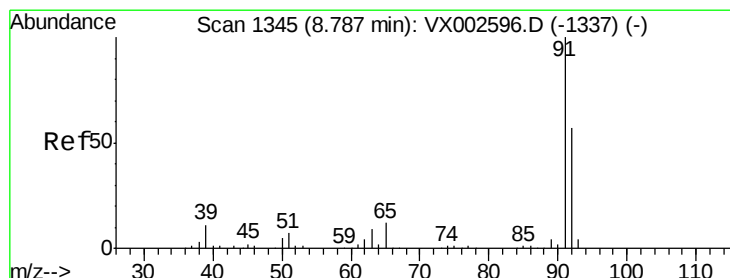
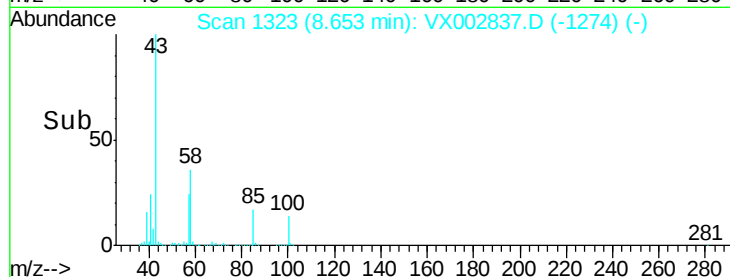
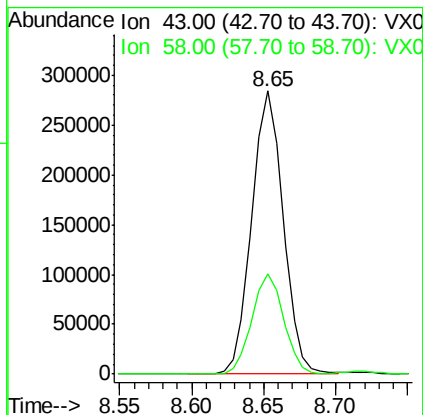
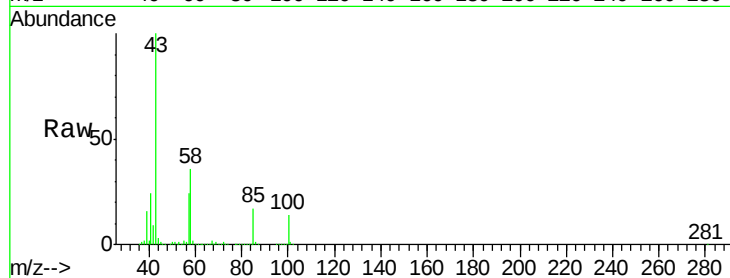
58 35.9 28.6 42.8

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#52

Toluene

Concen: 20.22 ug/l

RT: 8.79 min Scan# 1345

Delta R.T. 0.00 min

Lab File: VX002837.D

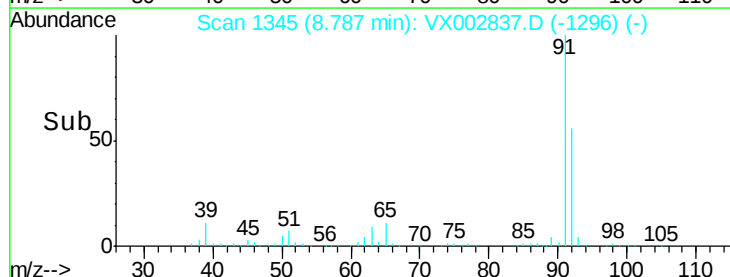
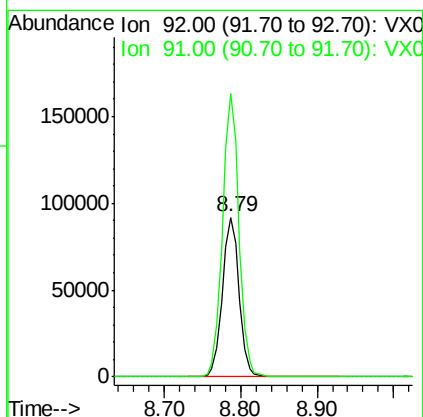
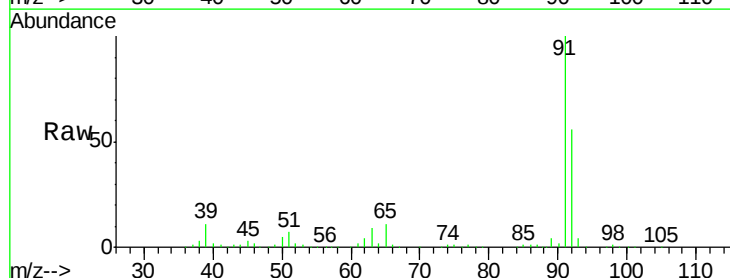
Acq: 22 Jun 2018 17:53

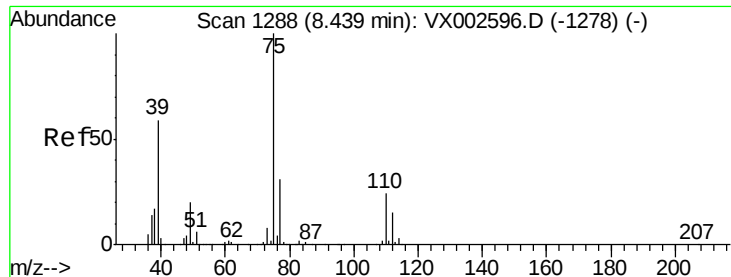
Tgt Ion: 92 Resp: 138498

Ion Ratio Lower Upper

92 100

91 175.1 140.4 210.6





#53

t-1,3-Dichloropropene

Concen: 19.94 ug/l

RT: 8.44 min Scan# 1288

Delta R.T. 0.00 min

Lab File: VX002837.D

Acq: 22 Jun 2018 17:53

Instrument :

MSVOA_X

ClientSampleId :

VX0622WBS02

Tot Ion: 75 Resp: 81336

Ion Ratio Lower Upper

75 100

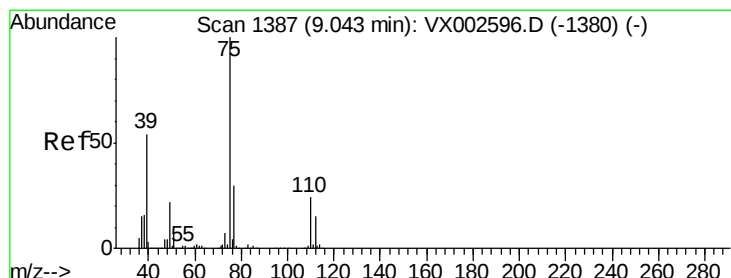
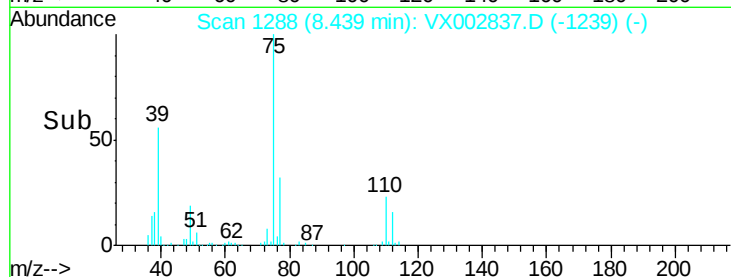
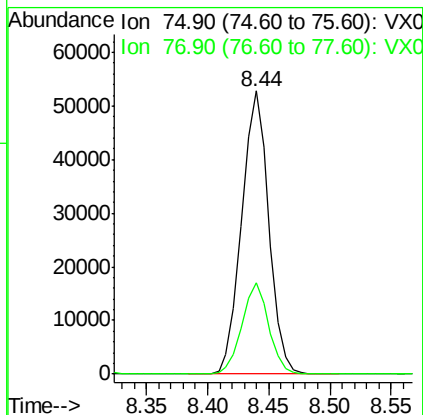
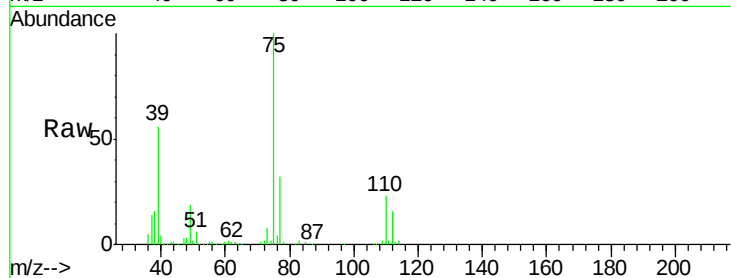
77 32.1 25.4 38.2

Manual Integrations

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#54

cis-1,3-Dichloropropene

Concen: 19.89 ug/l

RT: 9.04 min Scan# 1387

Delta R.T. 0.00 min

Lab File: VX002837.D

Acq: 22 Jun 2018 17:53

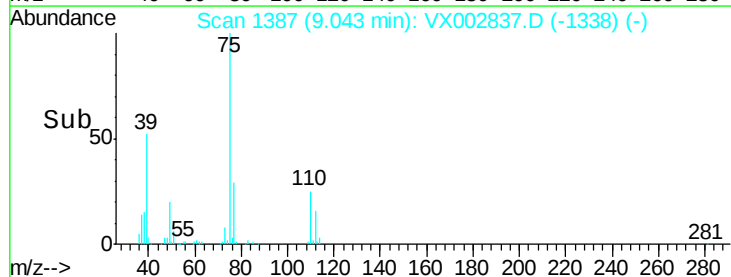
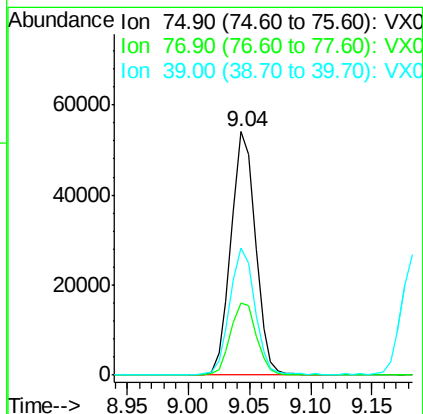
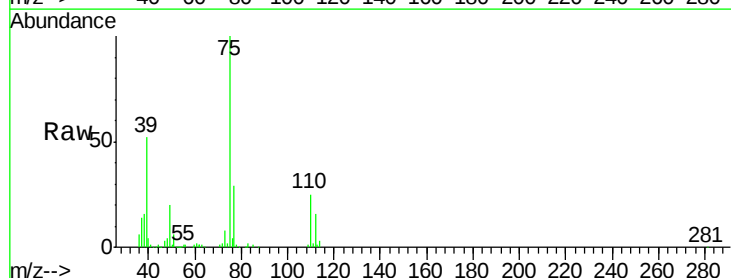
Tgt Ion: 75 Resp: 75048

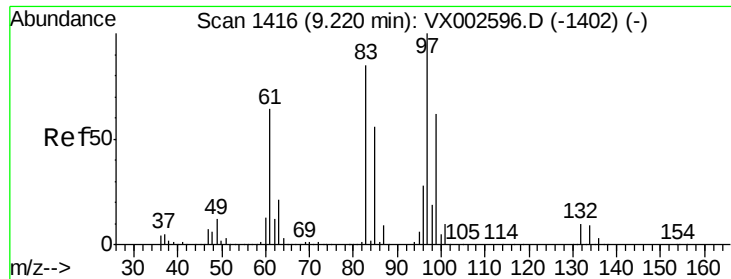
Ion Ratio Lower Upper

75 100

77 29.5 24.8 37.2

39 52.3 42.4 63.6





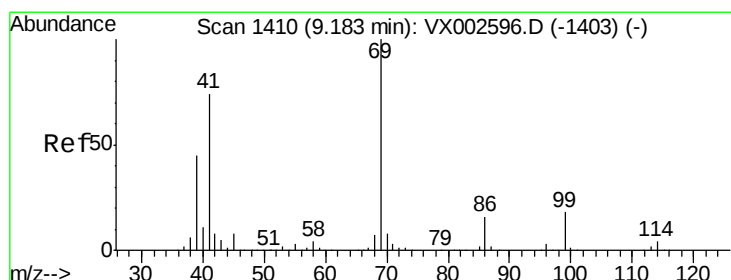
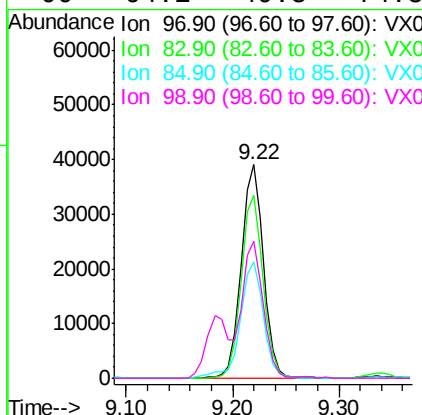
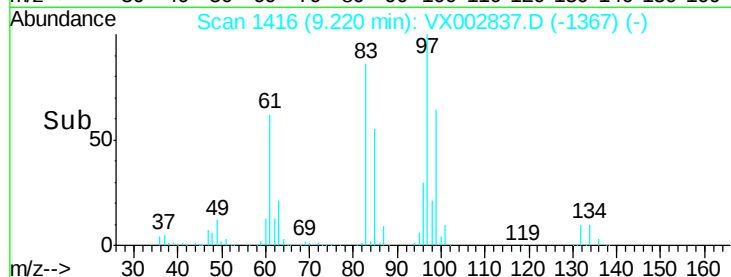
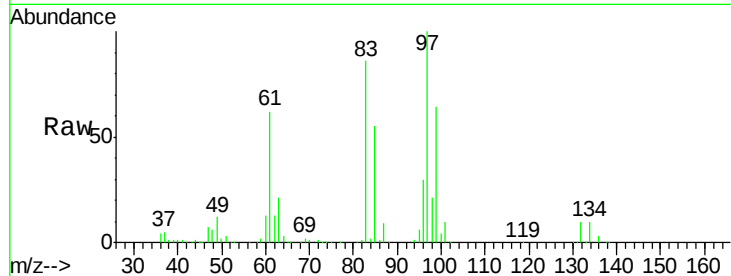
#55
 1,1,2-Trichloroethane
 Concen: 20.66 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. 0.00 min
 Lab File: VX002837.D
 Acq: 22 Jun 2018 17:53

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0622WBS02

Tot Ion:	97	Resp:	57188
Ion	Ratio	Lower	Upper
97	100		
83	85.7	70.2	105.2
85	54.8	44.9	67.3
99	64.1	49.8	74.8

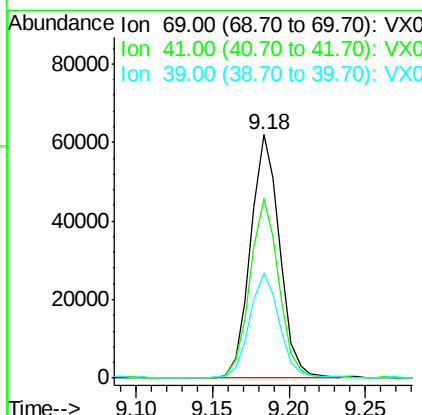
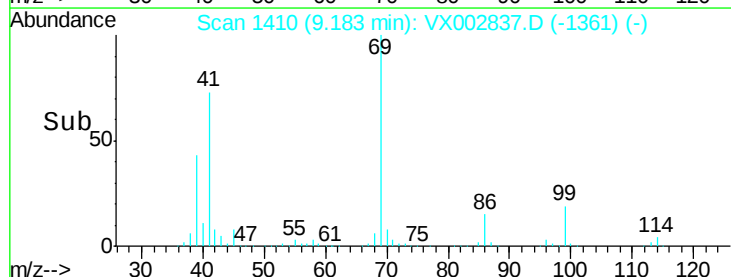
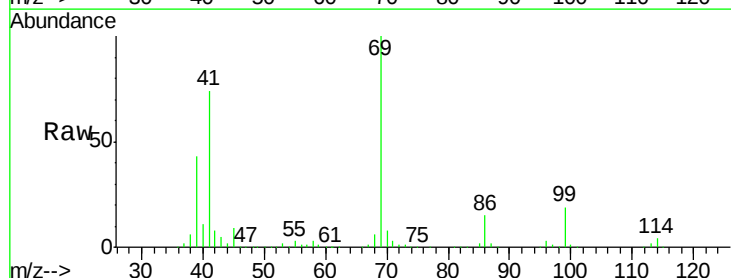
Manual Integrations
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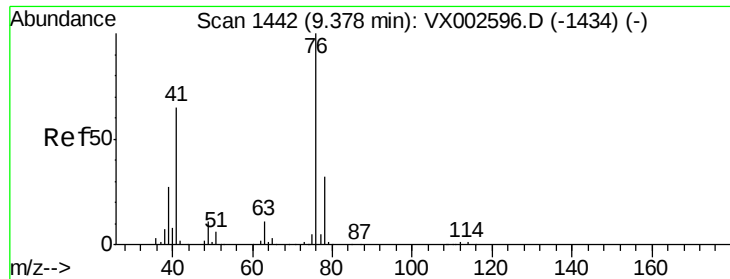
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#56
 Ethyl methacrylate
 Concen: 19.29 ug/l
 RT: 9.18 min Scan# 1410
 Delta R.T. 0.00 min
 Lab File: VX002837.D
 Acq: 22 Jun 2018 17:53

Tgt Ion:	69	Resp:	82181
Ion	Ratio	Lower	Upper
69	100		
41	72.8	60.3	90.5
39	44.0	35.8	53.8





#57

1,3-Dichloropropane

Concen: 19.66 ug/l

RT: 9.37 min Scan# 1441

Delta R.T. -0.01 min

Lab File: VX002837.D

Acq: 22 Jun 2018 17:53

Instrument :

MSVOA_X

ClientSampleId :

VX0622WBS02

Tot Ion: 76 Resp: 92028

Ion Ratio Lower Upper

76 100

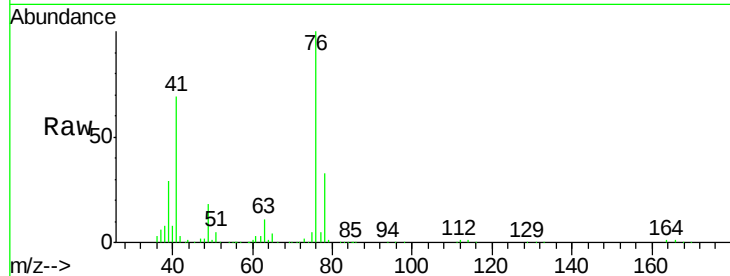
78 32.8 25.8 38.6

Manual Integrations

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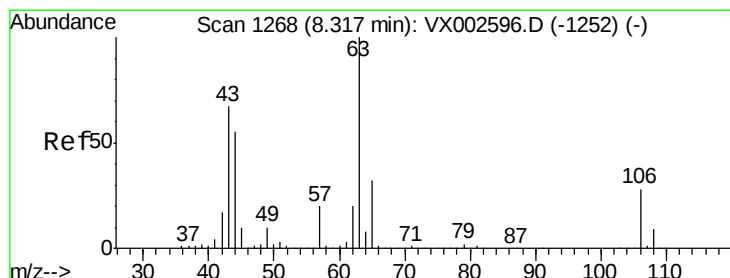
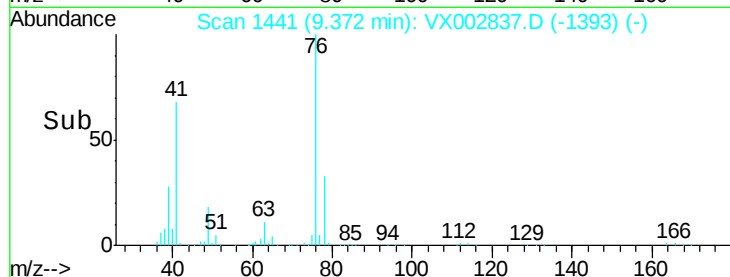
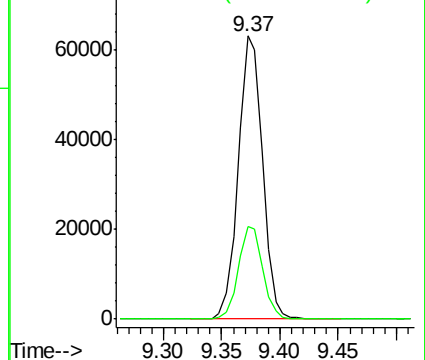
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Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 76.36 ug/l

RT: 8.32 min Scan# 1268

Delta R.T. 0.00 min

Lab File: VX002837.D

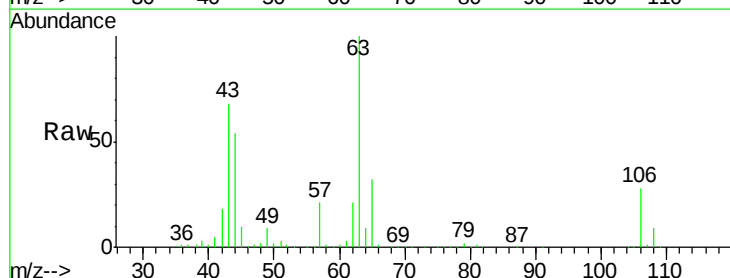
Acq: 22 Jun 2018 17:53

Tgt Ion: 63 Resp: 157316

Ion Ratio Lower Upper

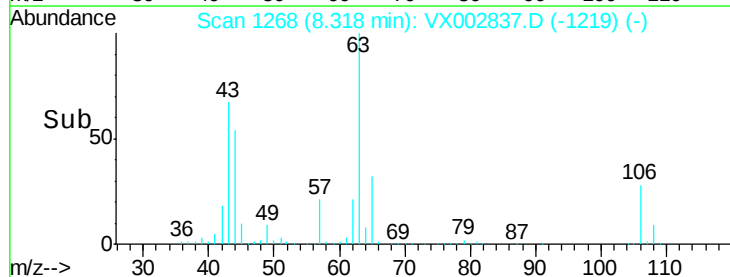
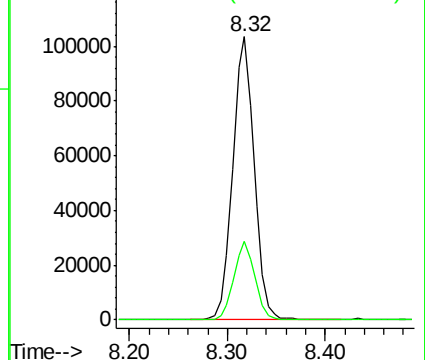
63 100

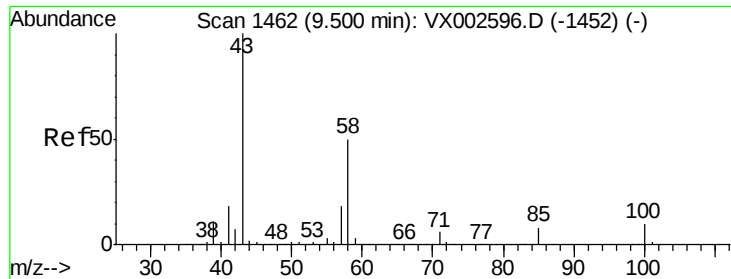
106 27.2 21.8 32.8



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V





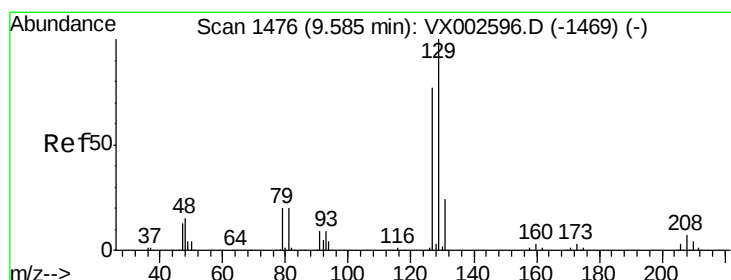
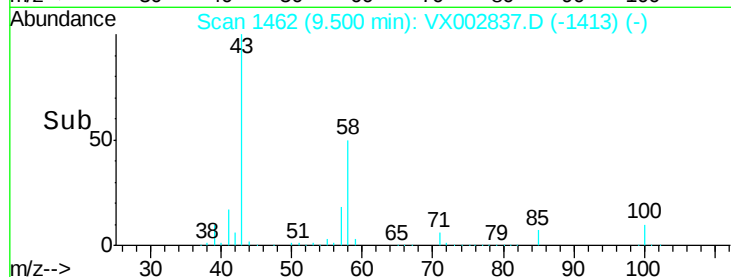
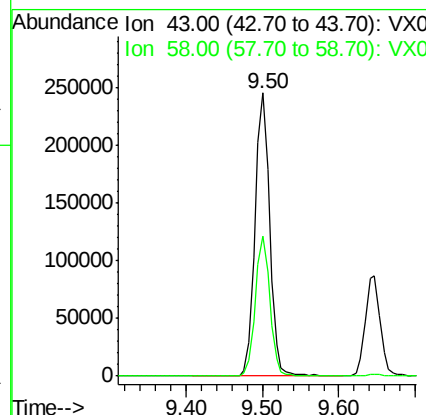
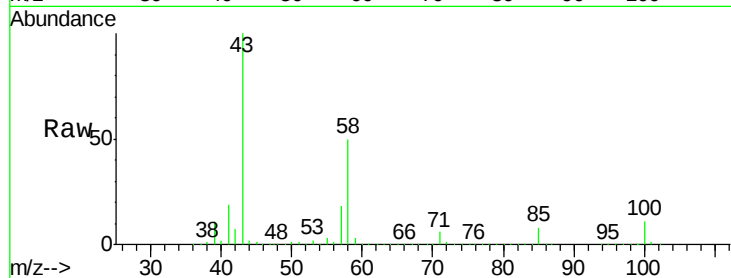
#59
2-Hexanone
Concen: 100.86 ug/l
RT: 9.50 min Scan# 1462
Delta R.T. 0.00 min
Lab File: VX002837.D
Acq: 22 Jun 2018 17:53

Instrument :
MSVOA_X
ClientSampleId :
VX0622WBS02

Tot Ion: 43 Resp: 327745
Ion Ratio Lower Upper
43 100
58 49.3 24.6 73.6

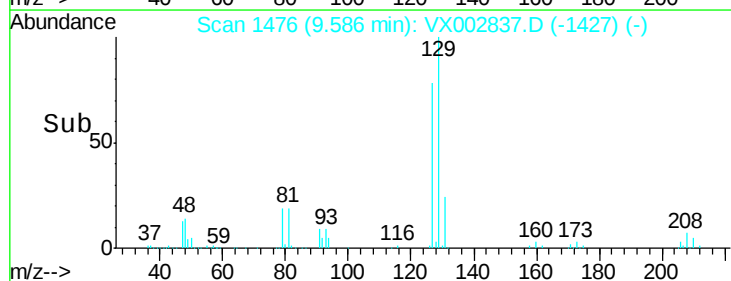
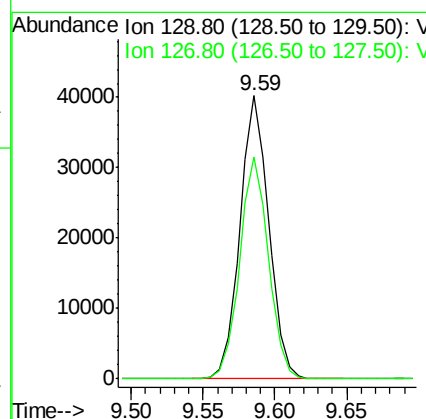
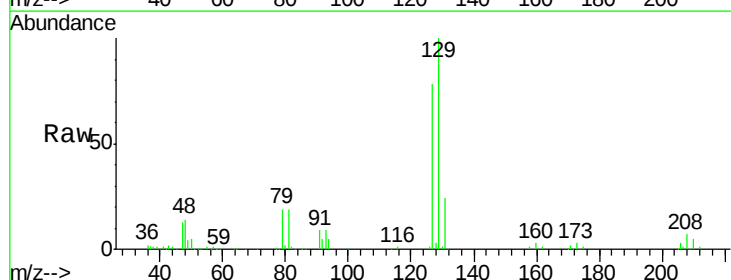
Manual Integrations
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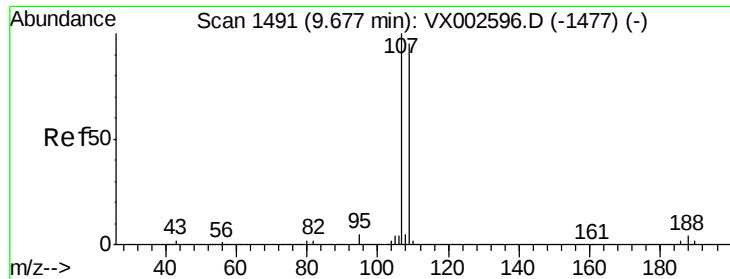
MMDadoda
6/25/2018 6:56:07 PM



#60
Dibromochloromethane
Concen: 20.39 ug/l
RT: 9.59 min Scan# 1476
Delta R.T. 0.00 min
Lab File: VX002837.D
Acq: 22 Jun 2018 17:53

Tgt Ion: 129 Resp: 55981
Ion Ratio Lower Upper
129 100
127 78.2 38.5 115.3





#61

1,2-Dibromoethane

Concen: 20.51 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. 0.00 min

Lab File: VX002837.D

Acq: 22 Jun 2018 17:53

Instrument :

MSVOA_X

ClientSampleId :

VX0622WBS02

Tot Ion:107 Resp: 58795

Ion Ratio Lower Upper

107 100

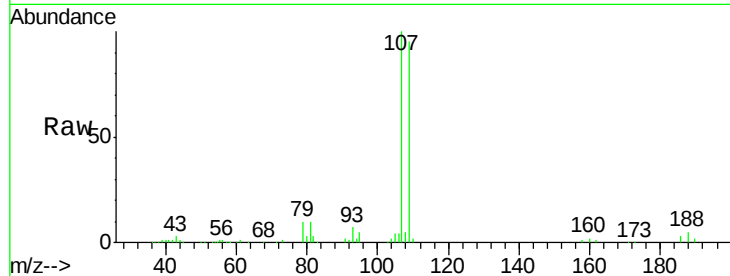
109 94.1 75.3 112.9

Manual Integrations

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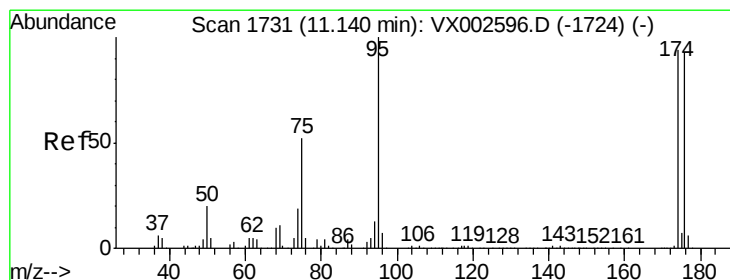
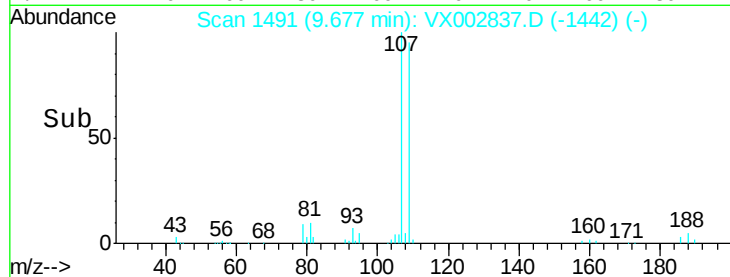
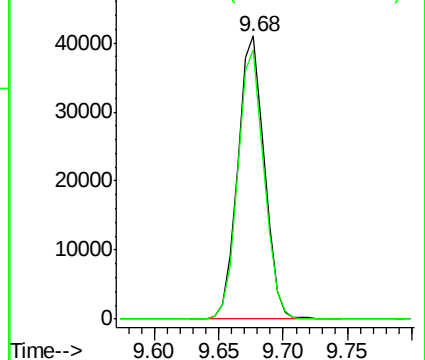
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Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 46.41 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX002837.D

Acq: 22 Jun 2018 17:53

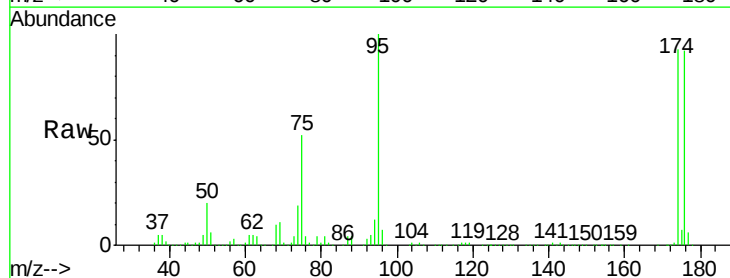
Tgt Ion: 95 Resp: 179713

Ion Ratio Lower Upper

95 100

174 96.2 0.0 187.4

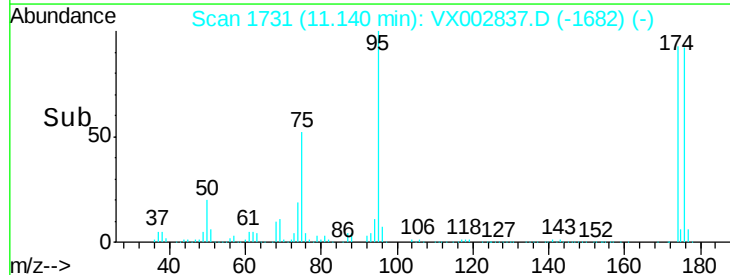
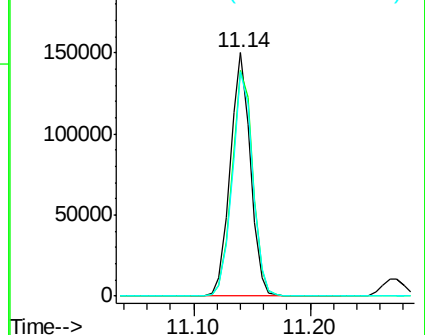
176 93.9 0.0 181.0



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





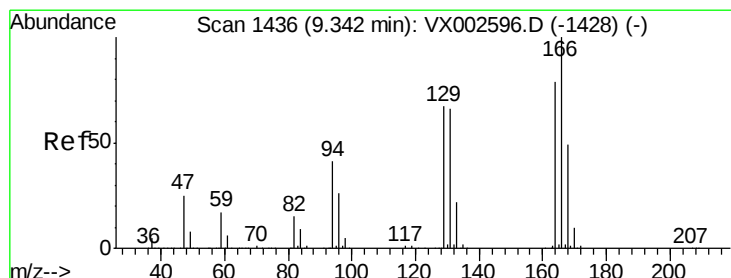
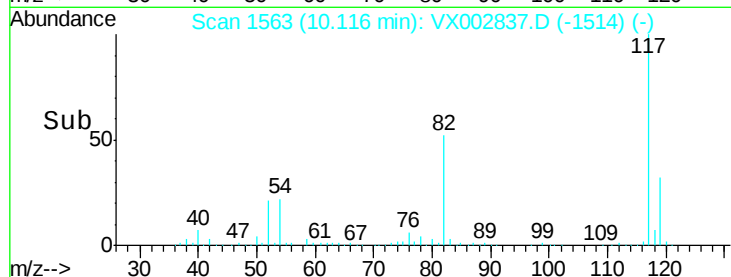
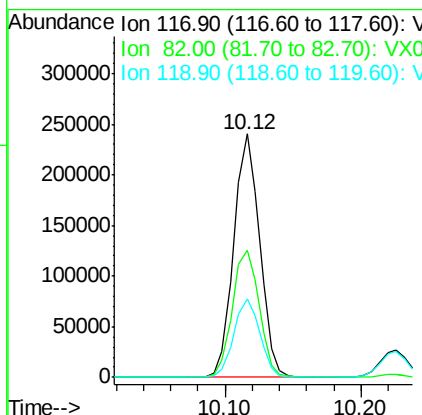
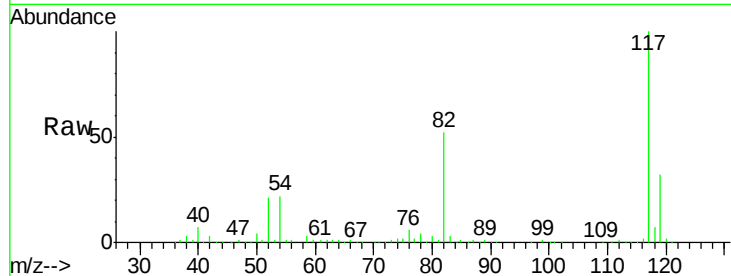
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. 0.00 min
Lab File: VX002837.D
Acq: 22 Jun 2018 17:53

Instrument :
MSVOA_X
ClientSampleId :
VX0622WBS02

Tot Ion	Ratio	Lower	Upper
117	100		
82	52.4	45.0	67.4
119	32.2	25.8	38.6

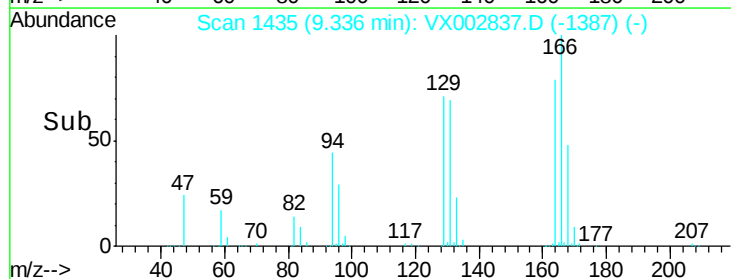
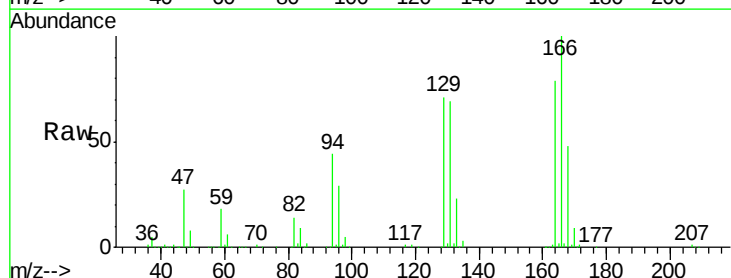
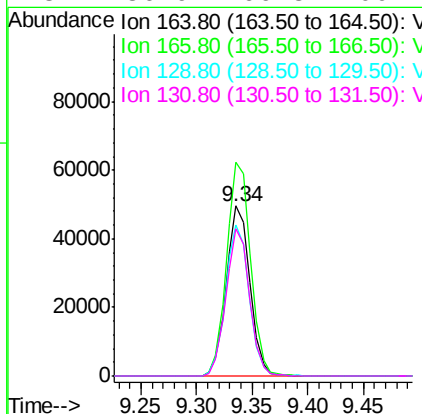
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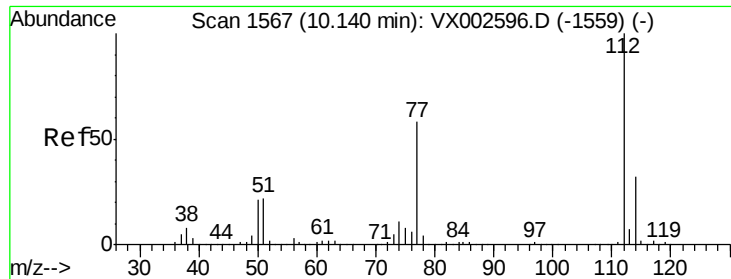
MMDadoda
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#64
Tetrachloroethene
Concen: 20.46 ug/l
RT: 9.34 min Scan# 1435
Delta R.T. -0.01 min
Lab File: VX002837.D
Acq: 22 Jun 2018 17:53

Tgt Ion	Ratio	Lower	Upper
164	100		
166	125.8	102.9	154.3
129	89.2	68.6	102.8
131	86.9	66.8	100.2





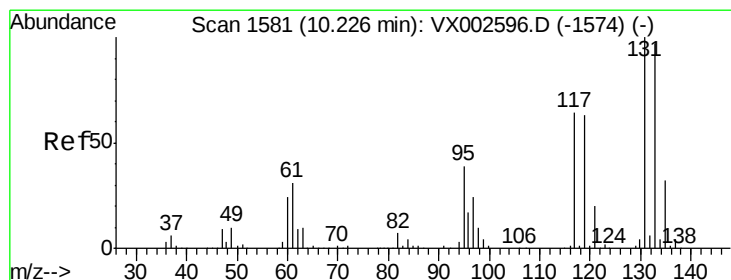
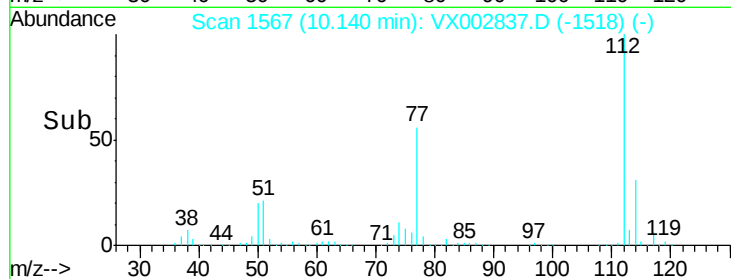
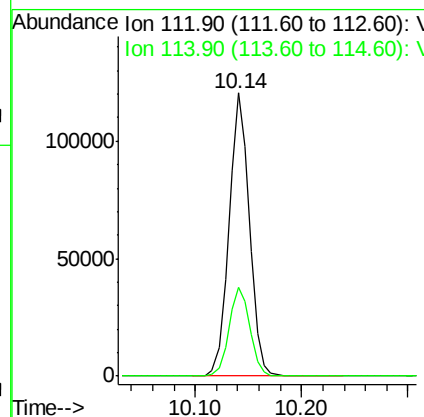
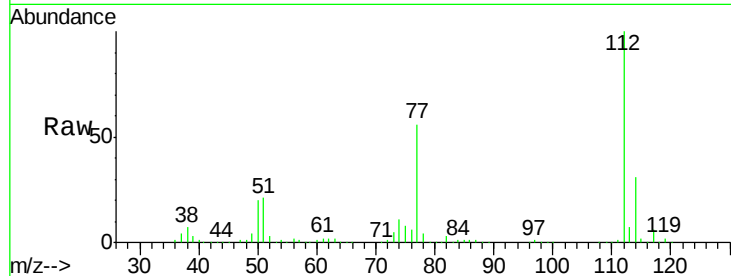
#65
Chlorobenzene
Concen: 20.59 ug/l
RT: 10.14 min Scan# 1567
Delta R.T. 0.00 min
Lab File: VX002837.D
Acq: 22 Jun 2018 17:53

Instrument :
MSVOA_X
ClientSampled :
VX0622WBS02

Tot Ion:112 Resp: 161345
Ion Ratio Lower Upper
112 100
114 31.4 25.3 37.9

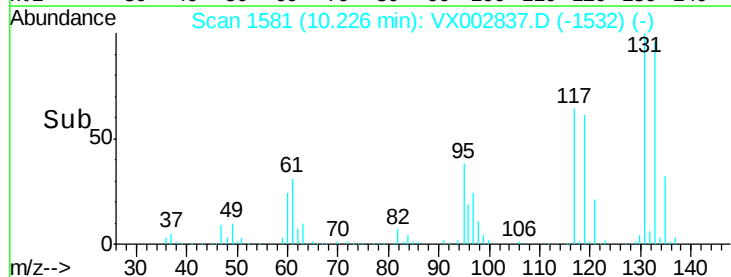
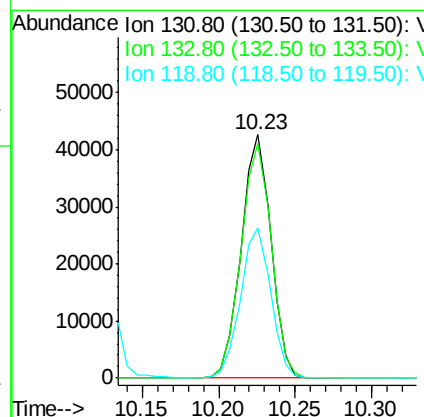
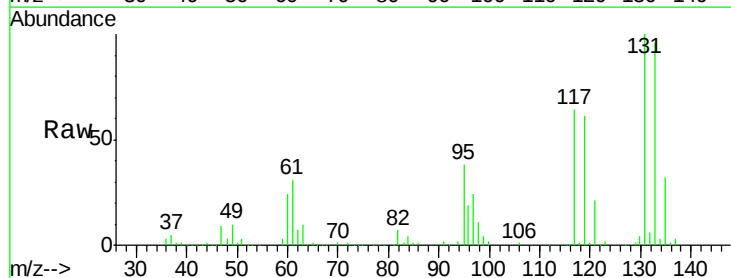
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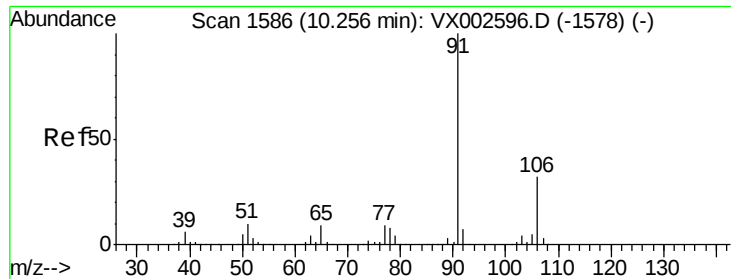
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#66
1,1,1,2-Tetrachloroethane
Concen: 21.57 ug/l
RT: 10.23 min Scan# 1581
Delta R.T. 0.00 min
Lab File: VX002837.D
Acq: 22 Jun 2018 17:53

Tgt Ion:131 Resp: 57630
Ion Ratio Lower Upper
131 100
133 98.1 47.9 143.6
119 62.4 31.8 95.3





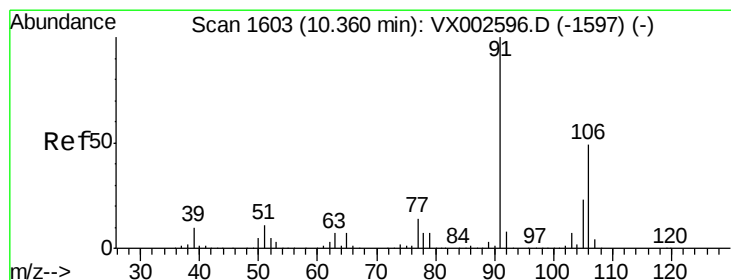
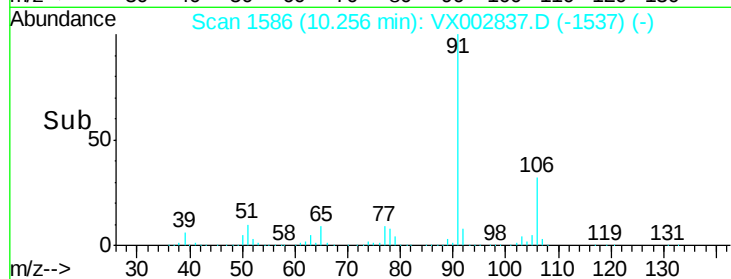
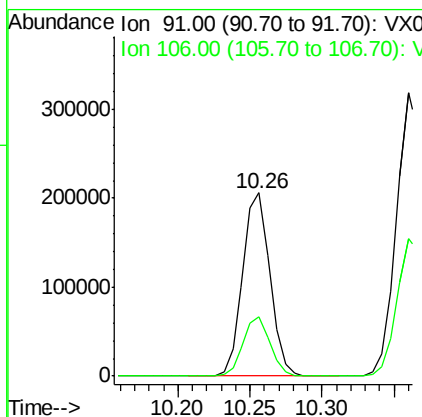
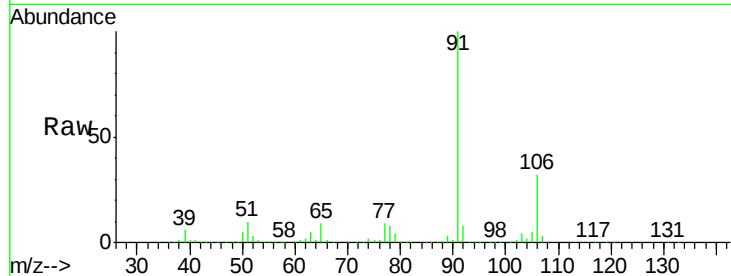
#67
Ethyl Benzene
Concen: 20.48 ug/l
RT: 10.26 min Scan# 1586
Delta R.T. 0.00 min
Lab File: VX002837.D
Acq: 22 Jun 2018 17:53

Instrument :
MSVOA_X
ClientSampleId :
VX0622WBS02

Tot Ion: 91 Resp: 270737
Ion Ratio Lower Upper
91 100
106 32.1 25.5 38.3

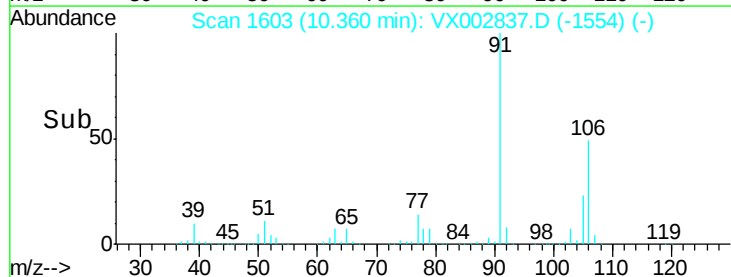
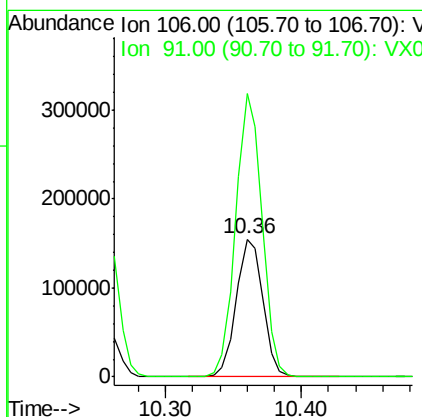
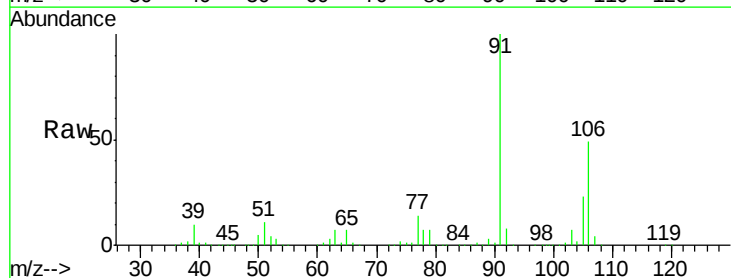
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#68
m/p-Xylenes
Concen: 41.23 ug/l
RT: 10.36 min Scan# 1603
Delta R.T. 0.00 min
Lab File: VX002837.D
Acq: 22 Jun 2018 17:53

Tgt Ion: 106 Resp: 210226
Ion Ratio Lower Upper
106 100
91 204.0 163.4 245.2





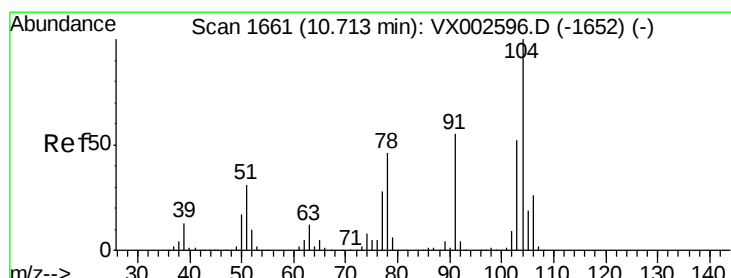
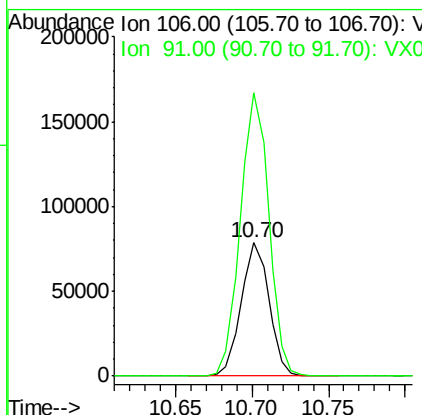
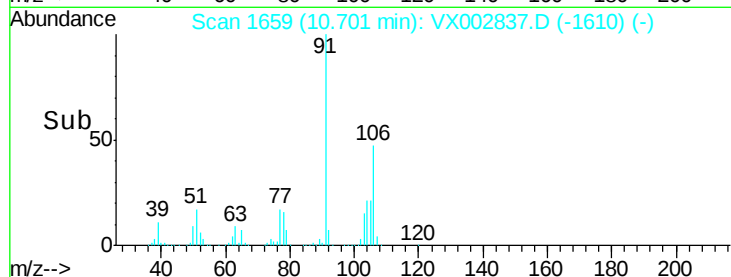
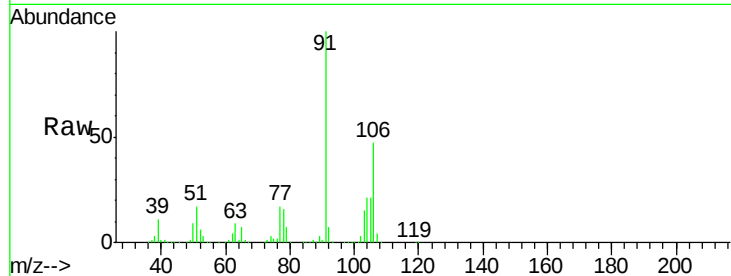
#69
o-Xylene
Concen: 20.07 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. 0.00 min
Lab File: VX002837.D
Acq: 22 Jun 2018 17:53

Instrument :
MSVOA_X
ClientSampleId :
VX0622WBS02

Tot Ion	Ion	Ratio	Resp	Lower	Upper
106	100				
91	216.2	108.2	324.6		

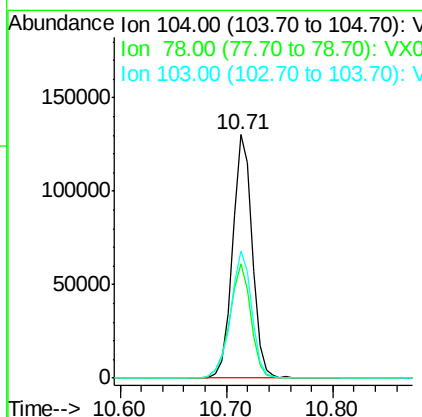
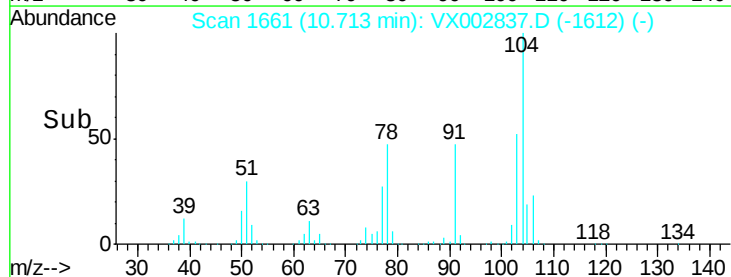
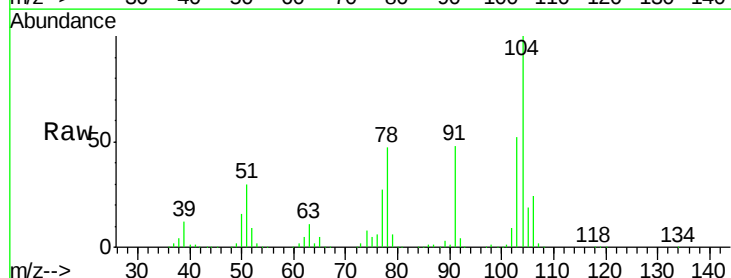
Manual Integrations
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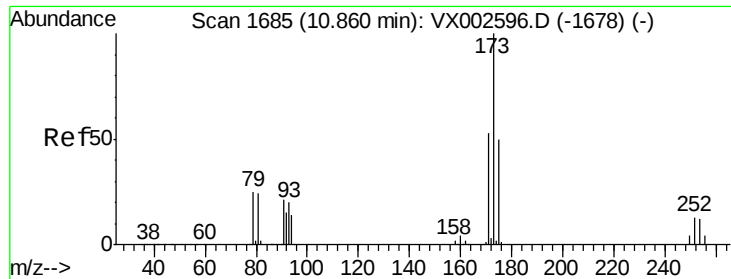
MMDadoda
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#70
Styrene
Concen: 20.53 ug/l
RT: 10.71 min Scan# 1661
Delta R.T. 0.00 min
Lab File: VX002837.D
Acq: 22 Jun 2018 17:53

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
104	100				
78	50.7	41.0	61.6		
103	56.1	44.2	66.4		





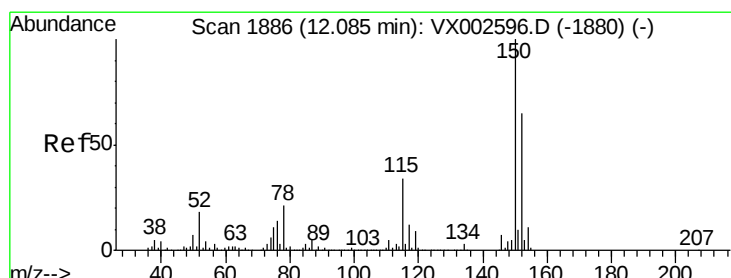
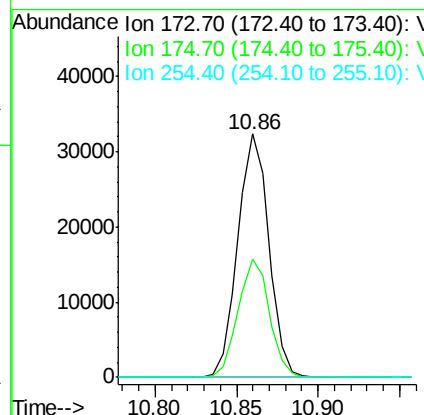
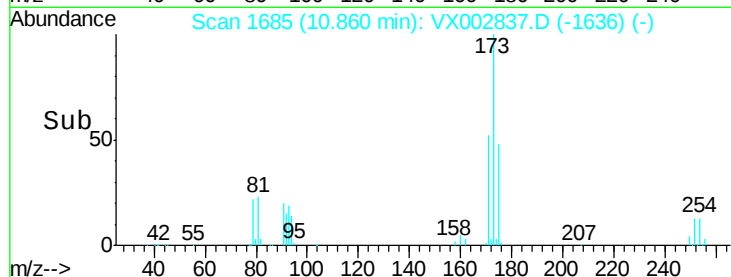
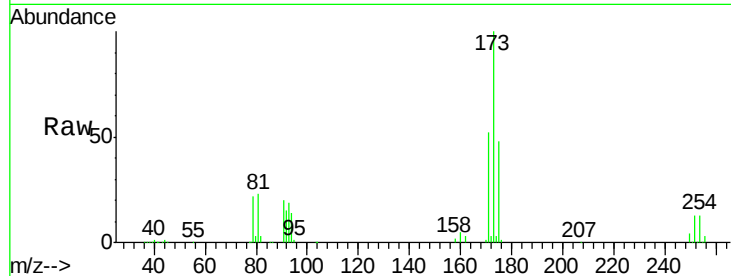
#71
Bromoform
Concen: 20.82 ug/l
RT: 10.86 min Scan# 1685
Delta R.T. 0.00 min
Lab File: VX002837.D
Acq: 22 Jun 2018 17:53

Instrument :
MSVOA_X
ClientSampleId :
VX0622WBS02

Tot Ion	Ratio	Lower	Upper
173	100		
175	49.0	24.7	74.1
254	0.2	0.2	0.2

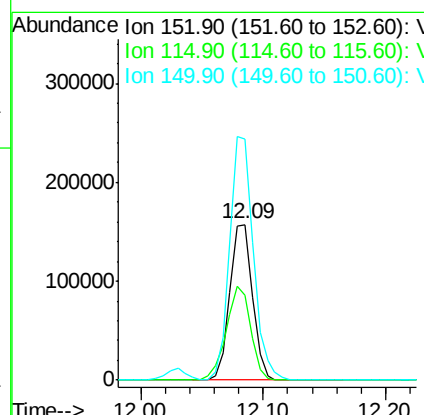
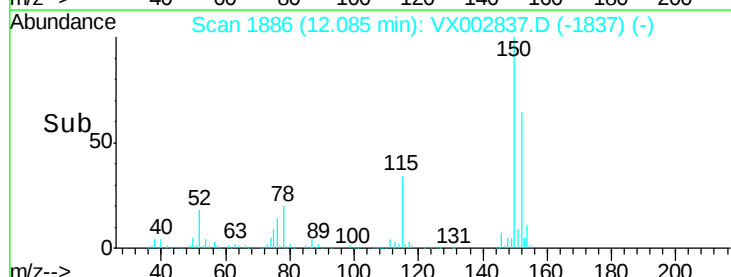
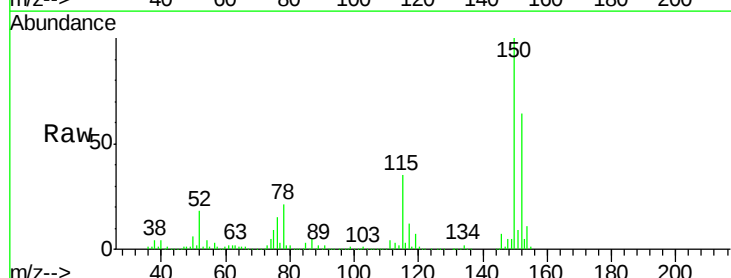
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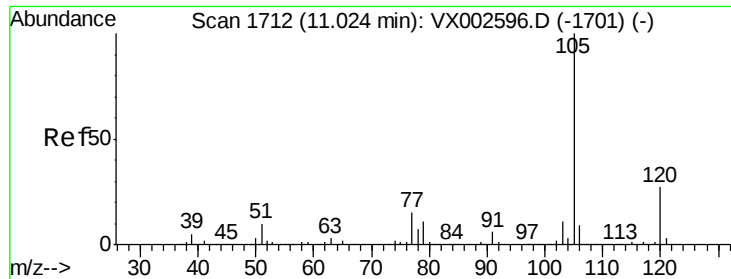
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#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.09 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX002837.D
Acq: 22 Jun 2018 17:53

Tgt Ion	Ratio	Lower	Upper
152	100		
115	65.5	40.1	120.2
150	163.2	0.0	347.2





#73

Isopropylbenzene

Concen: 20.76 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. 0.00 min

Lab File: VX002837.D

Acq: 22 Jun 2018 17:53

Instrument :

MSVOA_X

ClientSampleId :

VX0622WBS02

Tot Ion: 105 Resp: 278925

Ion Ratio Lower Upper

105 100

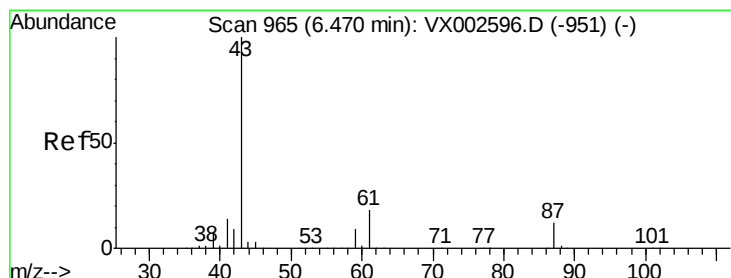
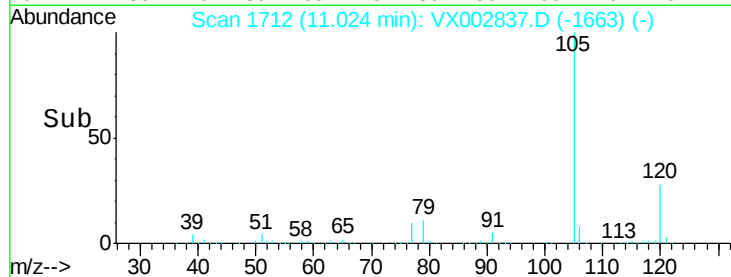
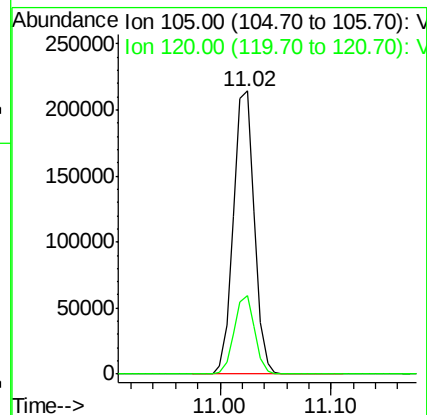
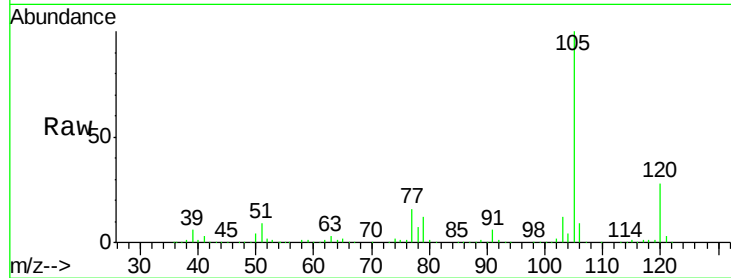
120 27.1 13.5 40.4

Manual Integrations

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#74

N-ethyl acetate

Concen: 19.55 ug/l

RT: 6.46 min Scan# 964

Delta R.T. -0.01 min

Lab File: VX002837.D

Acq: 22 Jun 2018 17:53

Tgt Ion: 43 Resp: 130539

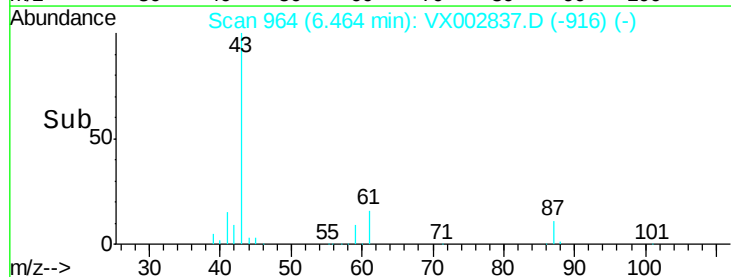
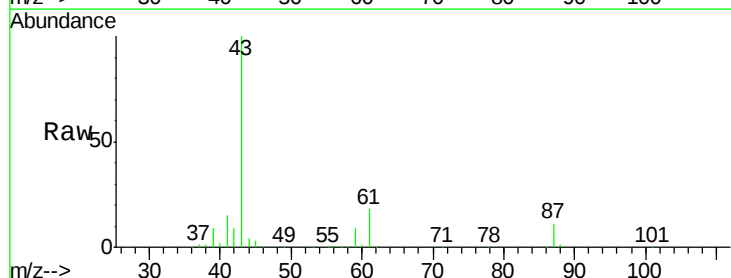
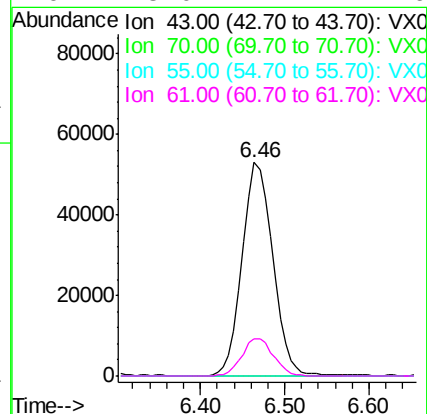
Ion Ratio Lower Upper

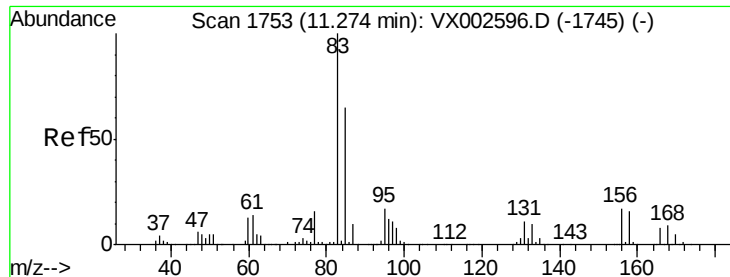
43 100

70 0.0 0.0 0.0

55 0.1 0.0 0.0#

61 18.0 14.4 21.6





#75

1,1,2,2-Tetrachloroethane

Concen: 20.85 ug/l

RT: 11.27 min Scan# 1752

Delta R.T. -0.01 min

Lab File: VX002837.D

Acq: 22 Jun 2018 17:53

Instrument :

MSVOA_X

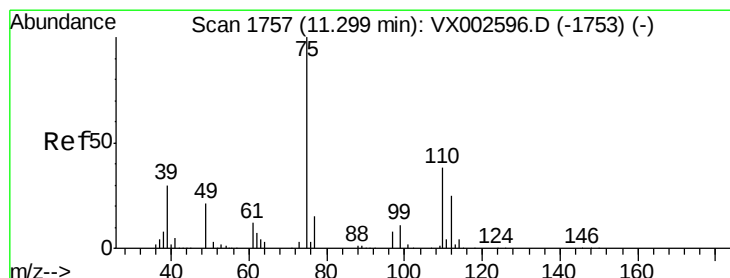
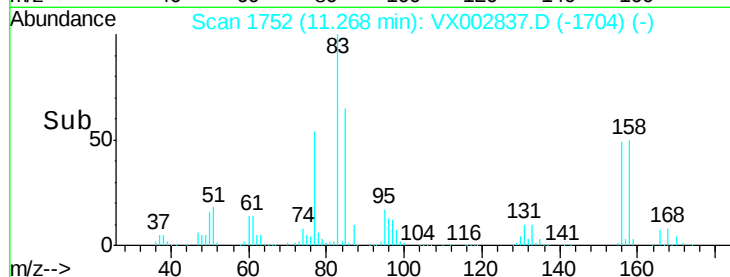
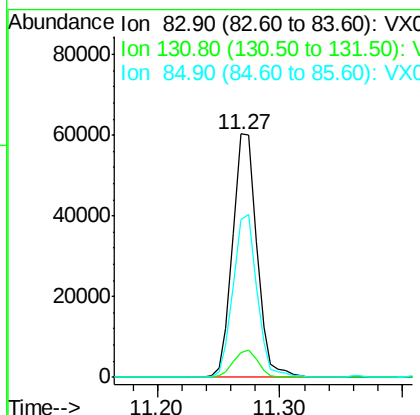
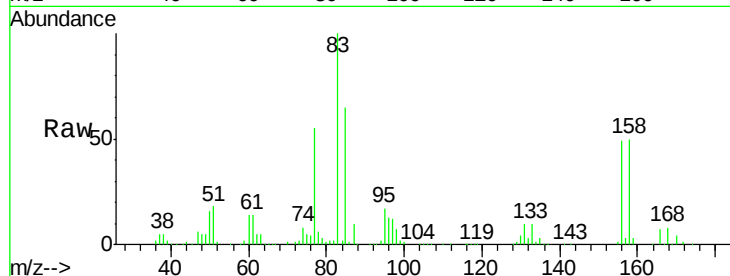
ClientSampleId :

VX0622WBS02

Tot Ion:	83	Resp:	82723
Ion Ratio	Lower	Upper	
83	100		
131	11.2	5.6	16.8
85	66.0	32.4	97.2

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 19.81 ug/l m

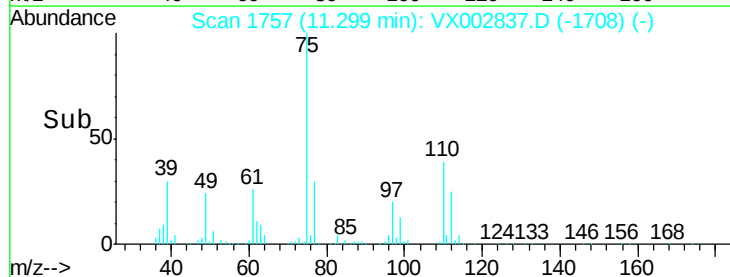
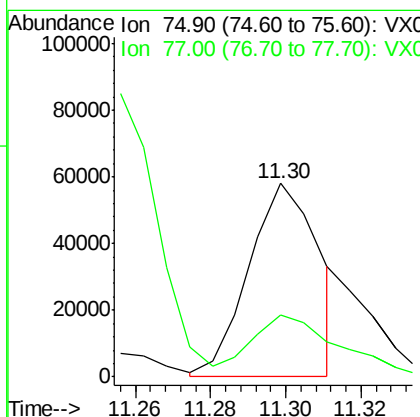
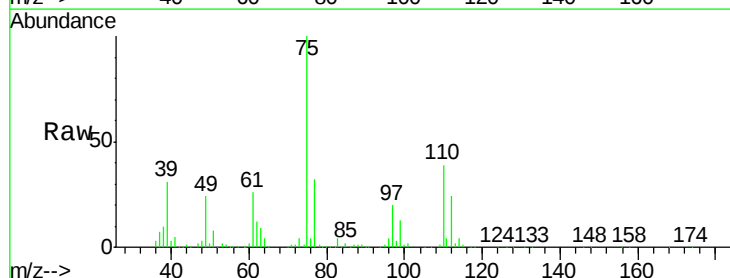
RT: 11.30 min Scan# 1757

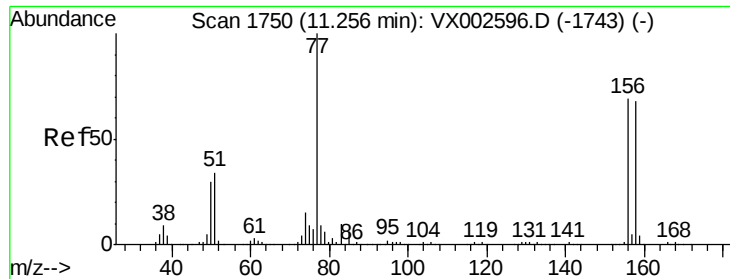
Delta R.T. 0.00 min

Lab File: VX002837.D

Acq: 22 Jun 2018 17:53

Tgt Ion:	75	Resp:	75110
Ion Ratio	Lower	Upper	
75	100		
77	40.1	22.8	68.3





#77

Bromobenzene

Concen: 20.44 ug/l

RT: 11.26 min Scan# 1750

Delta R.T. 0.00 min

Lab File: VX002837.D

Acq: 22 Jun 2018 17:53

Instrument :

MSVOA_X

ClientSampleId :

VX0622WBS02

Tot Ion:156 Resp: 76505

Ion Ratio Lower Upper

156 100

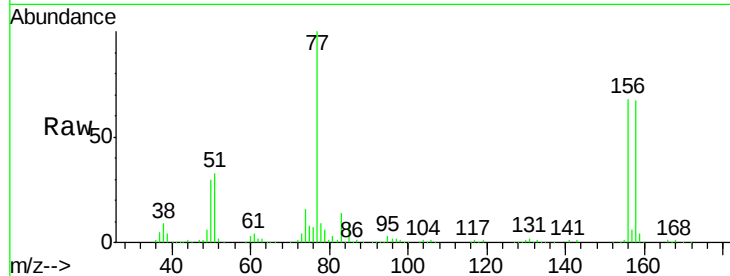
77 140.4 71.4 214.2

158 98.8 48.9 146.6

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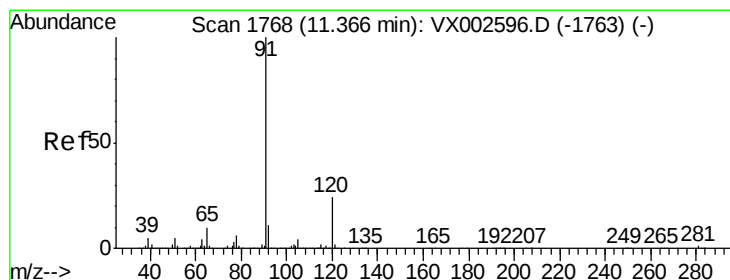
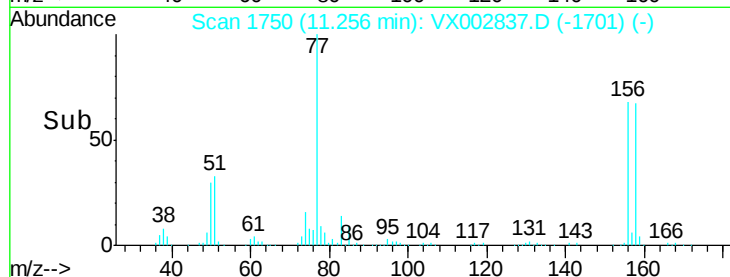
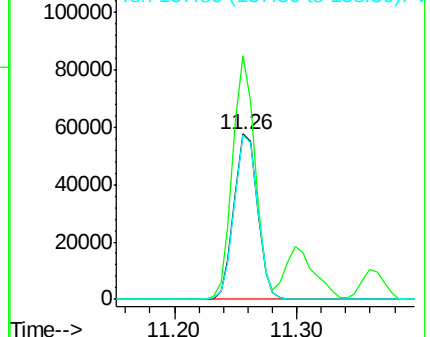
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Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 20.88 ug/l

RT: 11.36 min Scan# 1767

Delta R.T. -0.01 min

Lab File: VX002837.D

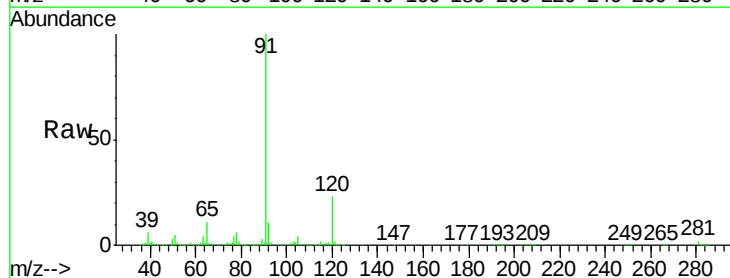
Acq: 22 Jun 2018 17:53

Tgt Ion: 91 Resp: 321792

Ion Ratio Lower Upper

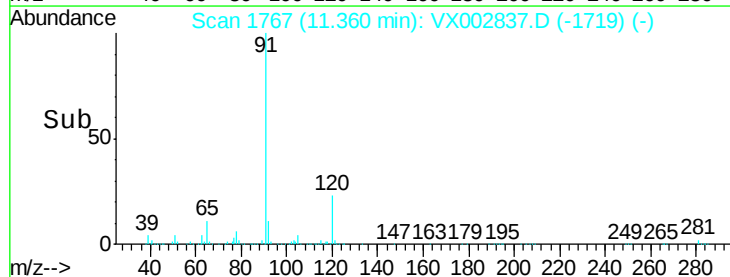
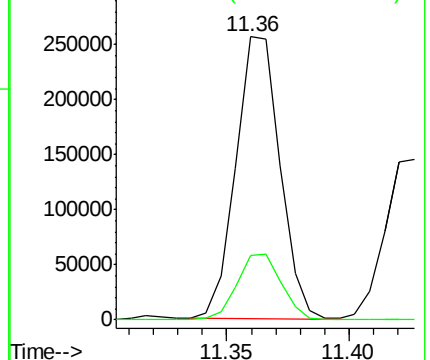
91 100

120 23.7 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: 20.42 ug/l

RT: 11.43 min Scan# 1778

Delta R.T. 0.00 min

Lab File: VX002837.D

Acq: 22 Jun 2018 17:53

Instrument :

MSVOA_X

ClientSampleId :

VX0622WBS02

Tot Ion: 91 Resp: 187846

Ion Ratio Lower Upper

91 100

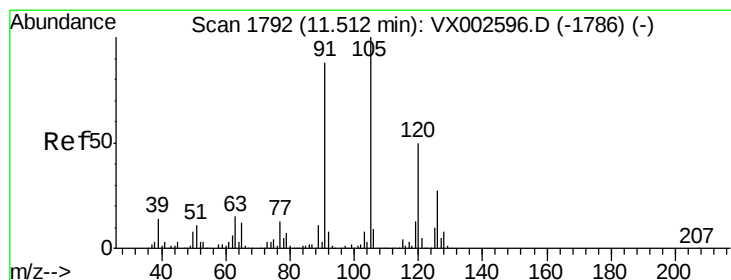
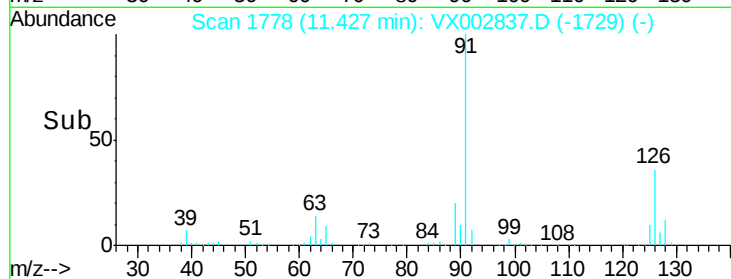
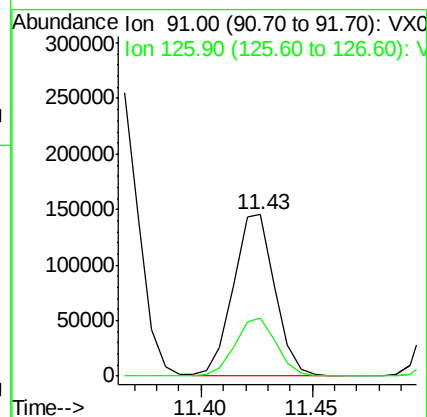
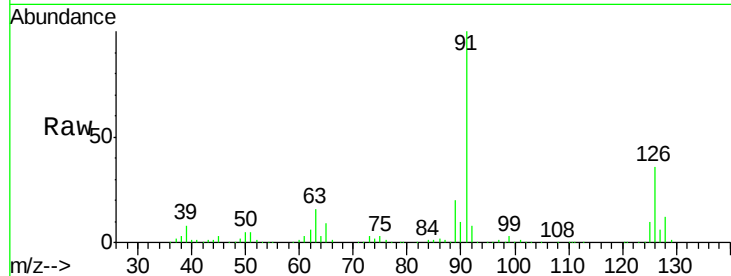
126 36.0 17.7 53.1

Manual Integrations

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#80

1,3,5-Trimethylbenzene

Concen: 20.80 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX002837.D

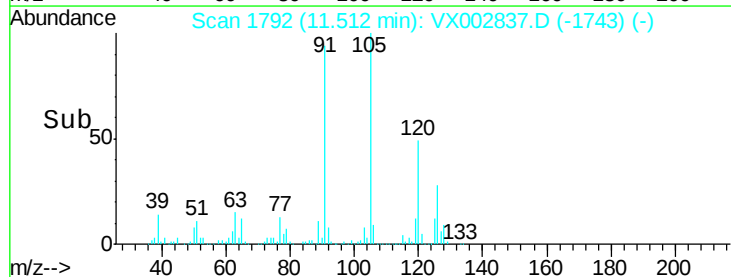
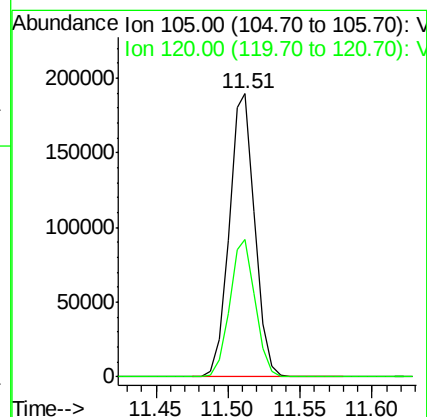
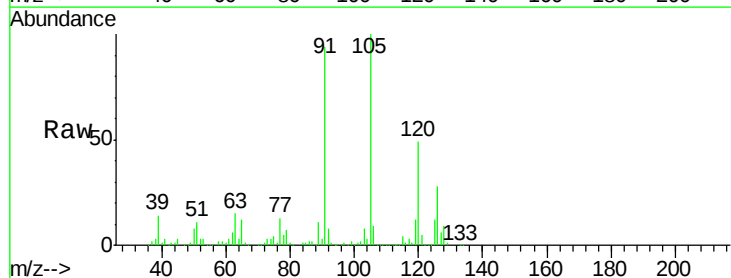
Acq: 22 Jun 2018 17:53

Tgt Ion: 105 Resp: 236175

Ion Ratio Lower Upper

105 100

120 48.5 24.4 73.4





#81

trans-1,4-Dichloro-2-butene

Concen: 20.40 ug/l

RT: 11.08 min Scan# 1721

Delta R.T. 0.00 min

Lab File: VX002837.D

Acq: 22 Jun 2018 17:53

Instrument :

MSVOA_X

ClientSampleId :

VX0622WBS02

Tot Ion: 75 Resp: 20964

Ion Ratio Lower Upper

75 100

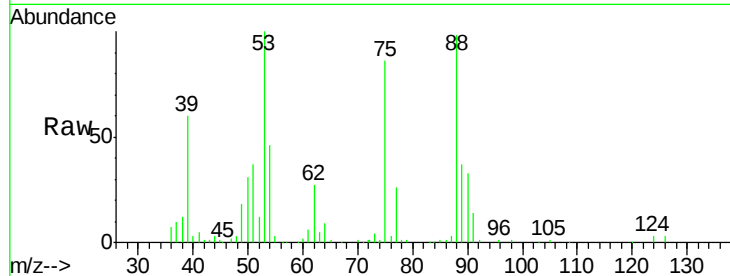
53 118.8 86.8 130.2

89 48.0 38.2 57.2

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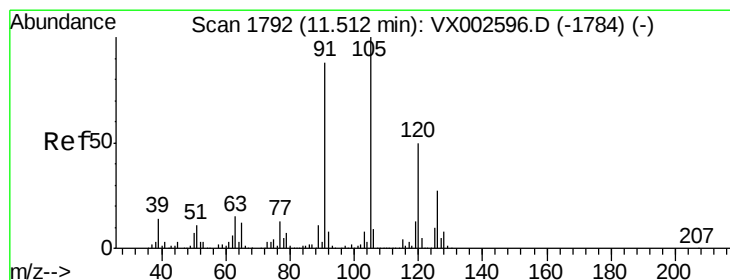
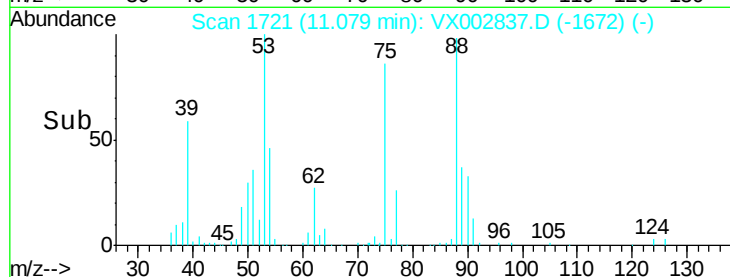
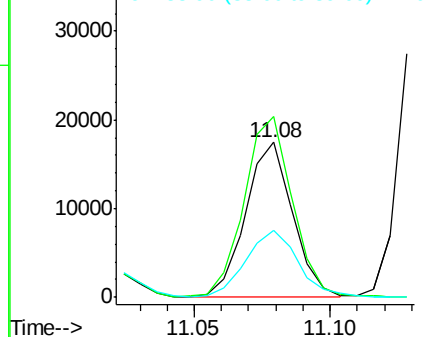
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Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 20.67 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX002837.D

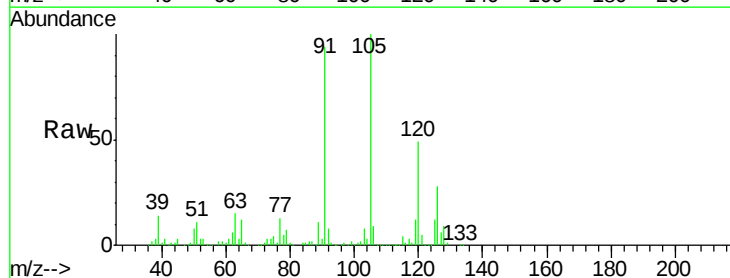
Acq: 22 Jun 2018 17:53

Tgt Ion: 91 Resp: 224381

Ion Ratio Lower Upper

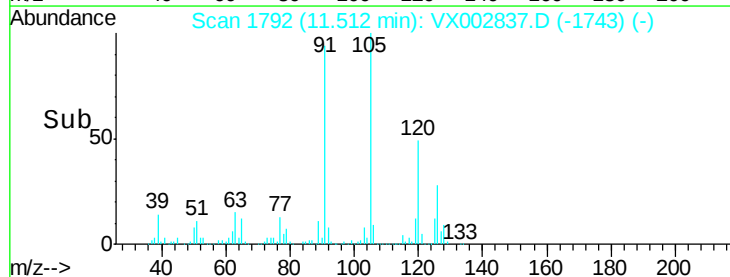
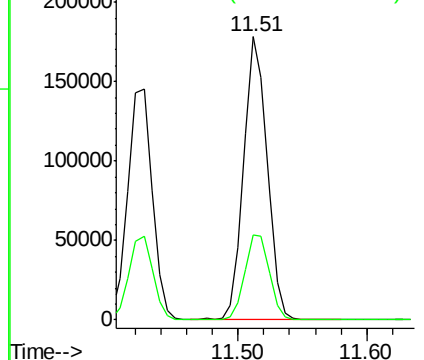
91 100

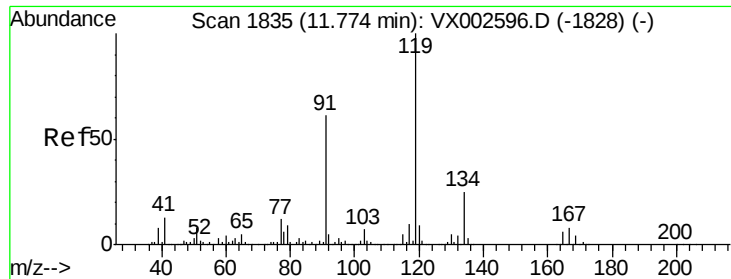
126 31.5 15.4 46.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V





#83

tert-Butylbenzene

Concen: 20.75 ug/l

RT: 11.77 min Scan# 1835

Delta R.T. 0.00 min

Lab File: VX002837.D

Acq: 22 Jun 2018 17:53

Instrument :

MSVOA_X

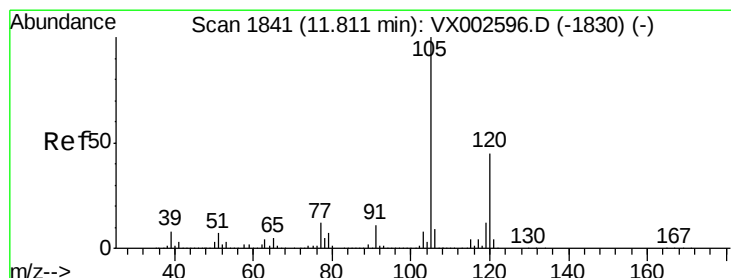
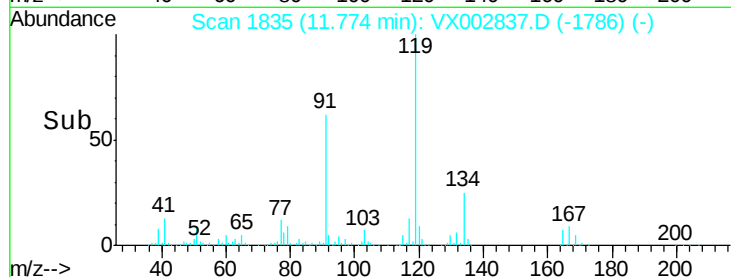
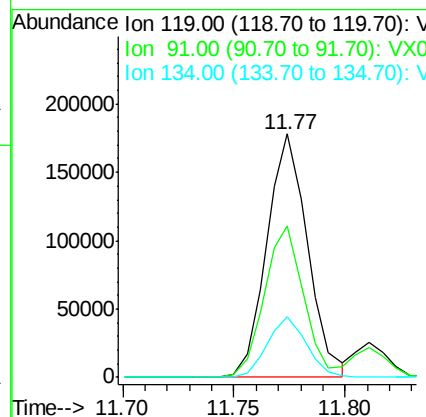
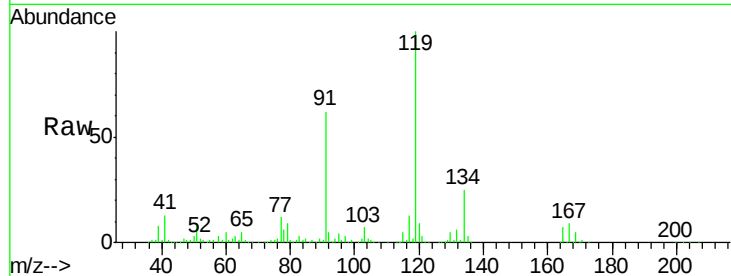
ClientSampleId :

VX0622WBS02

Tot Ion:	119	Resp:	226994
Ion Ratio	Lower	Upper	
119	100		
91	59.3	30.3	90.9
134	23.7	11.7	35.1

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#84

1,2,4-Trimethylbenzene

Concen: 21.12 ug/l

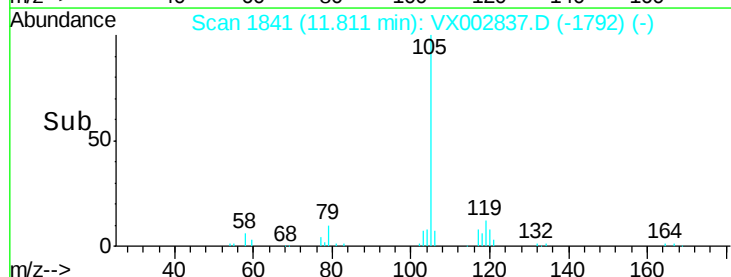
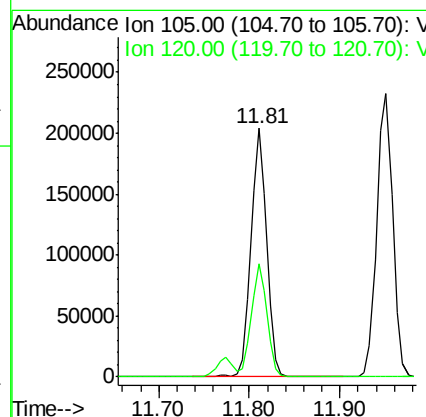
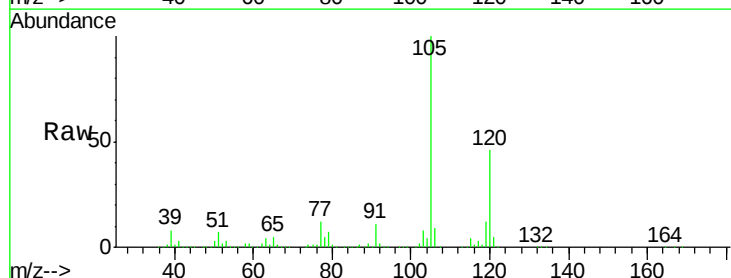
RT: 11.81 min Scan# 1841

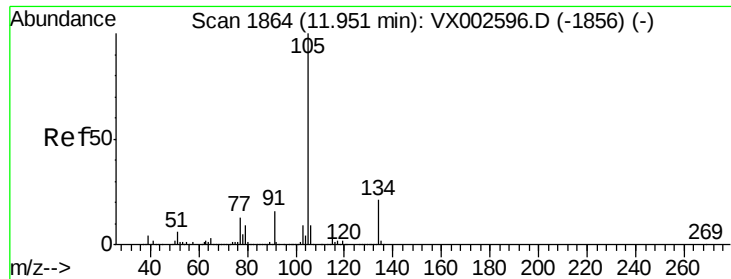
Delta R.T. 0.00 min

Lab File: VX002837.D

Acq: 22 Jun 2018 17:53

Tgt Ion:	105	Resp:	244732
Ion Ratio	Lower	Upper	
105	100		
120	45.3	22.3	66.8





#85

sec-Butylbenzene

Concen: 20.91 ug/l

RT: 11.95 min Scan# 1864

Delta R.T. 0.00 min

Lab File: VX002837.D

Acq: 22 Jun 2018 17:53

Instrument :

MSVOA_X

ClientSampled :

VX0622WBS02

Tot Ion:105 Resp: 284401

Ion Ratio Lower Upper

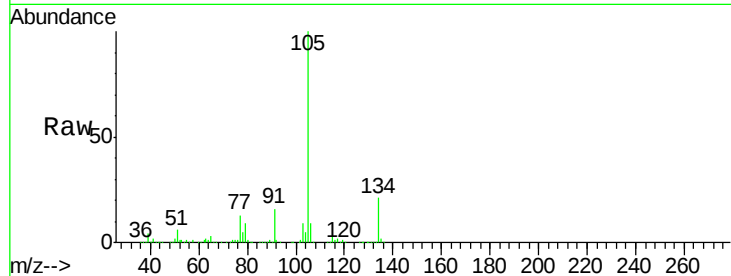
105 100

134 20.8 10.4 31.1

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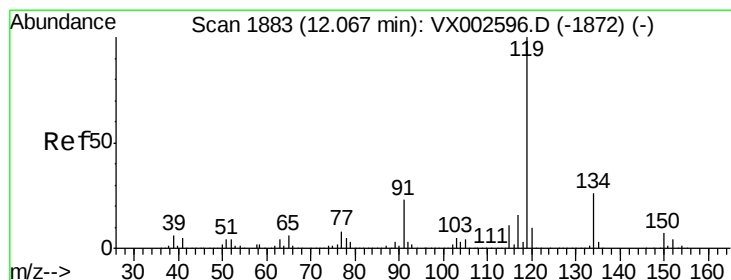
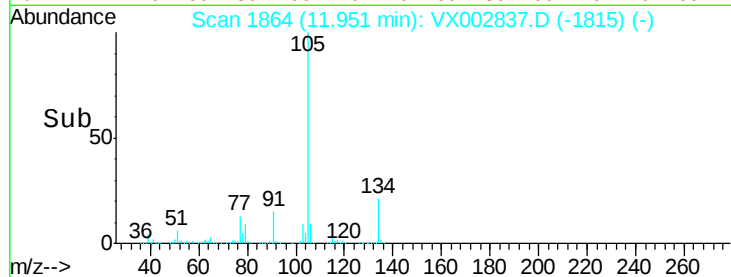
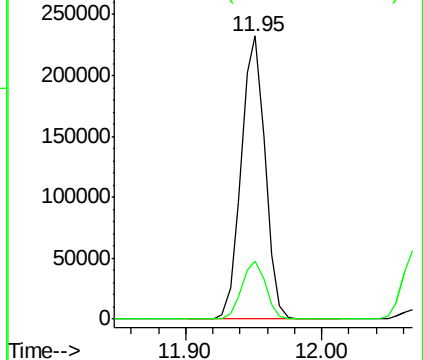
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 20.87 ug/l

RT: 12.07 min Scan# 1883

Delta R.T. 0.00 min

Lab File: VX002837.D

Acq: 22 Jun 2018 17:53

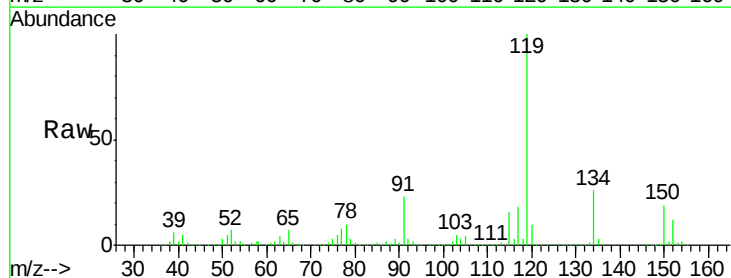
Tgt Ion:119 Resp: 256853

Ion Ratio Lower Upper

119 100

134 26.7 13.4 40.1

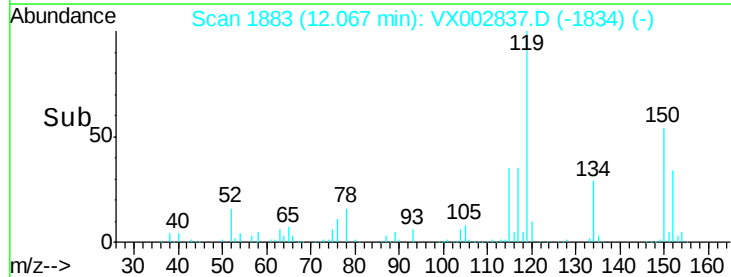
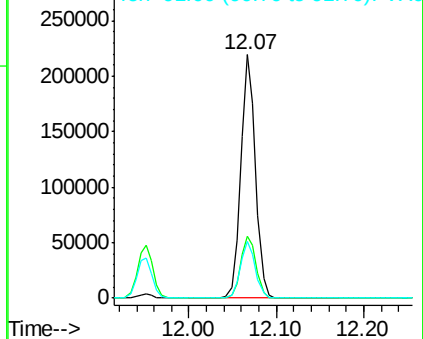
91 23.6 11.9 35.7

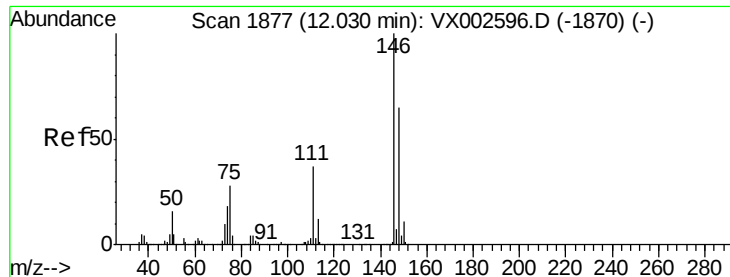


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





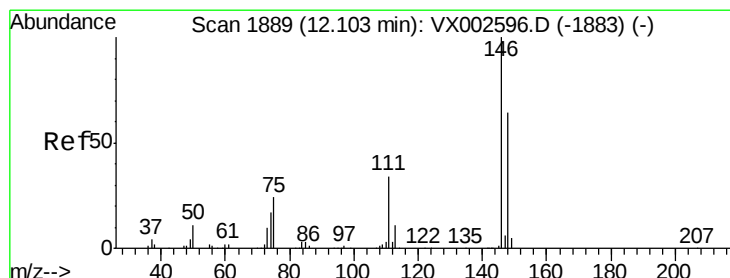
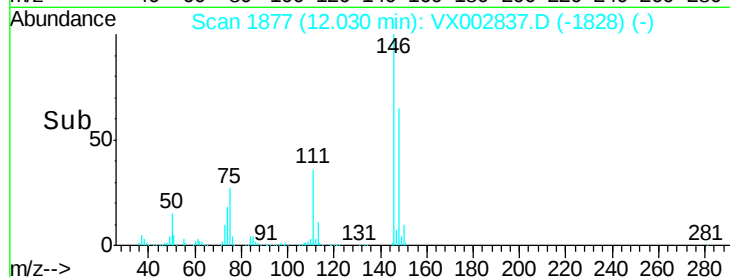
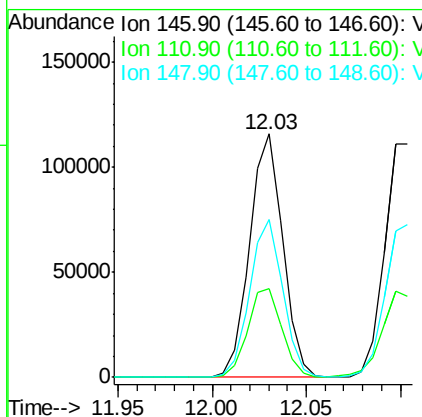
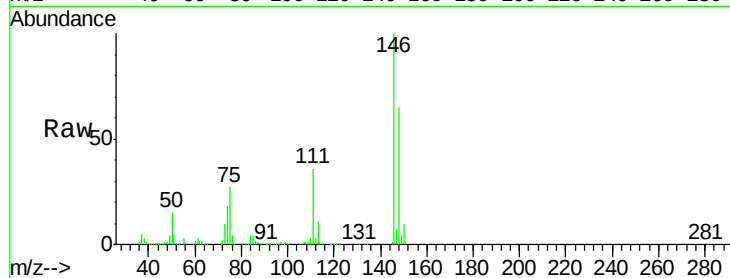
#87
 1,3-Dichlorobenzene
 Concen: 20.68 ug/l
 RT: 12.03 min Scan# 1877
 Delta R.T. 0.00 min
 Lab File: VX002837.D
 Acq: 22 Jun 2018 17:53

Instrument :
 MSVOA_X
 ClientSampled :
 VX0622WBS02

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.5	18.9	56.7
148	64.3	32.1	96.3

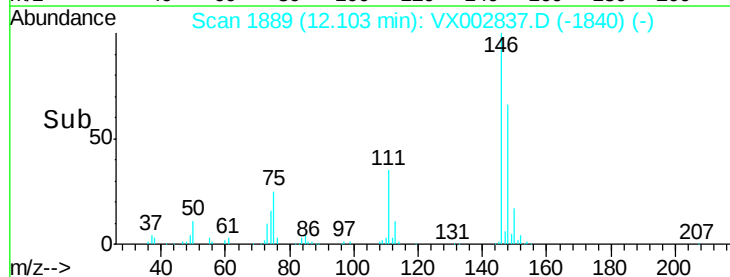
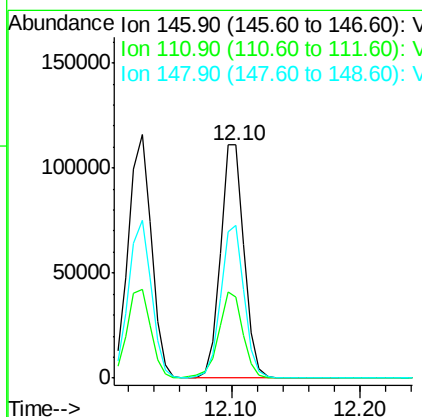
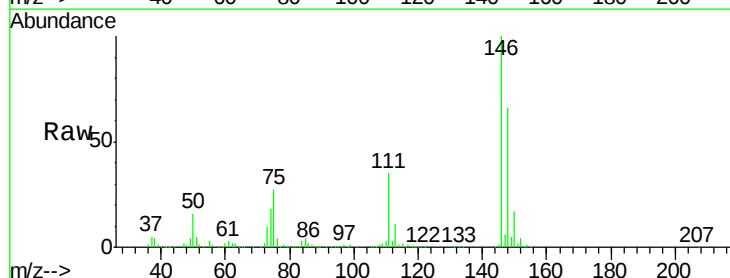
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#88
 1,4-Dichlorobenzene
 Concen: 20.57 ug/l
 RT: 12.10 min Scan# 1889
 Delta R.T. 0.00 min
 Lab File: VX002837.D
 Acq: 22 Jun 2018 17:53

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.8	18.7	56.1
148	65.0	32.4	97.0





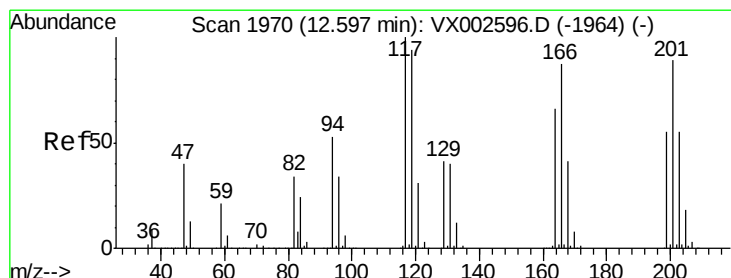
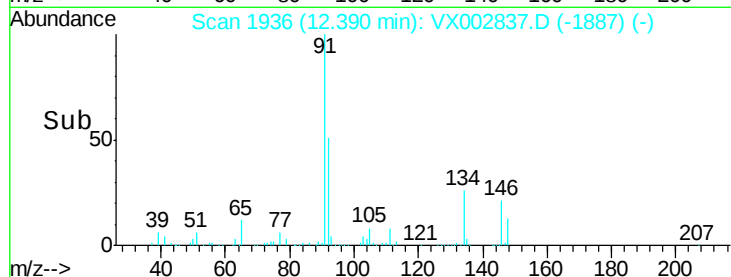
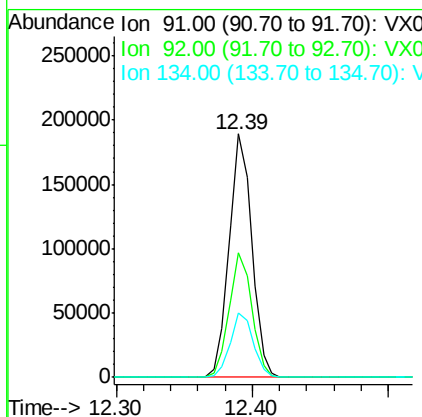
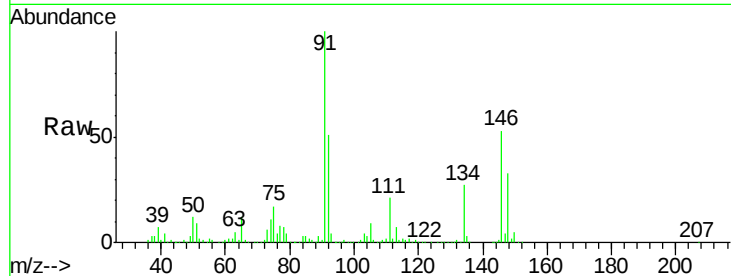
#89
n-Butylbenzene
Concen: 20.26 ug/l
RT: 12.39 min Scan# 1936
Delta R.T. 0.00 min
Lab File: VX002837.D
Acq: 22 Jun 2018 17:53

Instrument :
MSVOA_X
ClientSampleId :
VX0622WBS02

Tot Ion	Ratio	Lower	Upper
91	100		
92	51.3	26.0	78.0
134	27.0	13.5	40.5

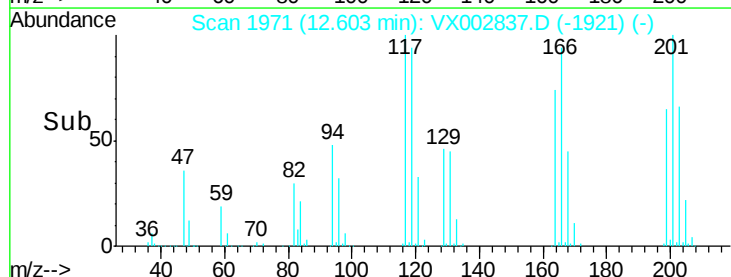
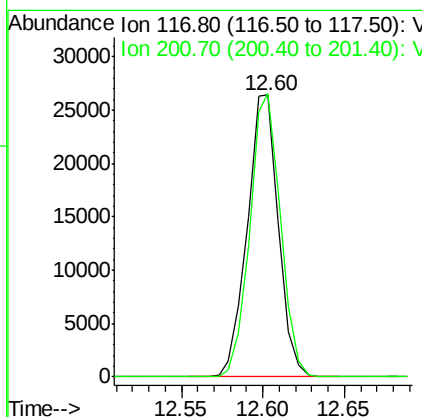
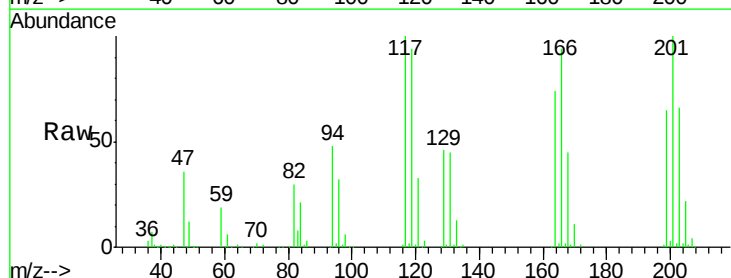
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#90
Hexachloroethane
Concen: 20.03 ug/l
RT: 12.60 min Scan# 1971
Delta R.T. 0.01 min
Lab File: VX002837.D
Acq: 22 Jun 2018 17:53

Tgt Ion	Ratio	Lower	Upper
117	100		
201	98.1	49.0	147.0





#91

1,2-Dichlorobenzene

Concen: 20.84 ug/l

RT: 12.40 min Scan# 1937

Delta R.T. 0.00 min

Lab File: VX002837.D

Acq: 22 Jun 2018 17:53

Instrument :

MSVOA_X

ClientSampleId :

VX0622WBS02

Tot Ion:146 Resp: 143970

Ion Ratio Lower Upper

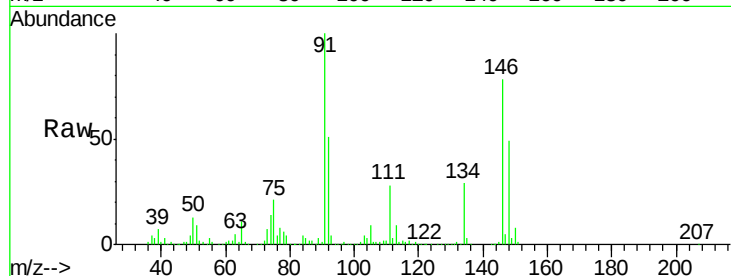
146 100

111 38.3 19.4 58.1

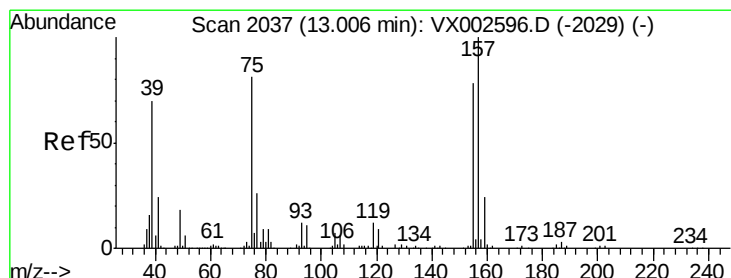
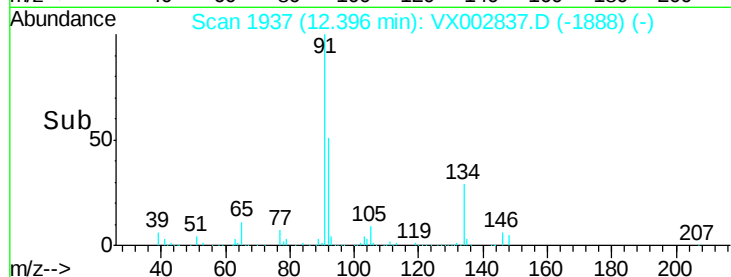
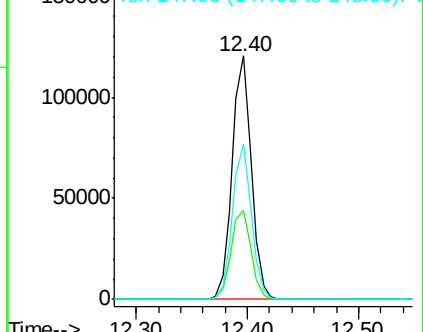
148 63.1 31.7 95.1

Manual Integrations
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Abundance Ion 145.90 (145.60 to 146.60): V
Ion 110.90 (110.60 to 111.60): V
Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 21.59 ug/l

RT: 13.01 min Scan# 2037

Delta R.T. 0.00 min

Lab File: VX002837.D

Acq: 22 Jun 2018 17:53

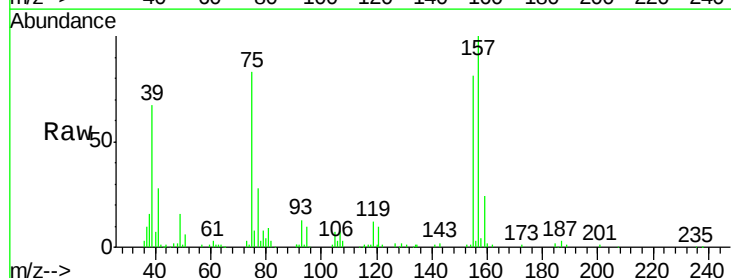
Tgt Ion: 75 Resp: 17942

Ion Ratio Lower Upper

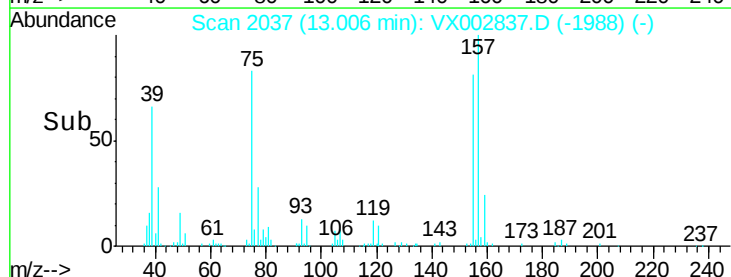
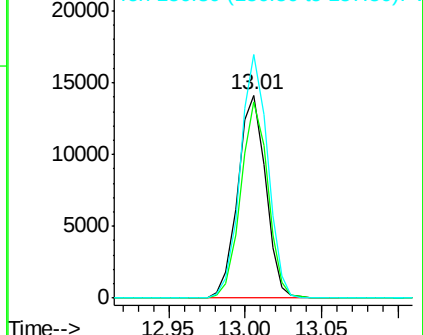
75 100

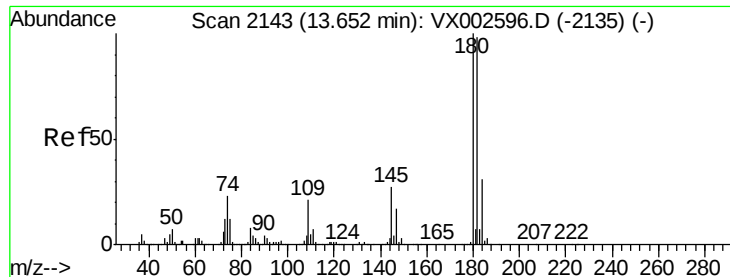
155 93.5 45.8 137.4

157 117.3 60.1 180.3



Abundance Ion 74.90 (74.60 to 75.60): VX0
Ion 154.80 (154.50 to 155.50): V
Ion 156.80 (156.50 to 157.50): V





#93

1,2,4-Trichlorobenzene

Concen: 20.70 ug/l

RT: 13.65 min Scan# 2143

Delta R.T. 0.00 min

Lab File: VX002837.D

Acq: 22 Jun 2018 17:53

Instrument :

MSVOA_X

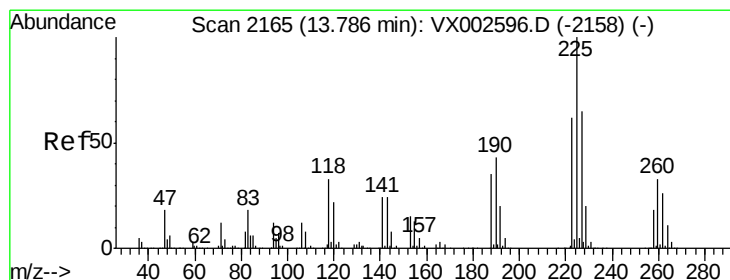
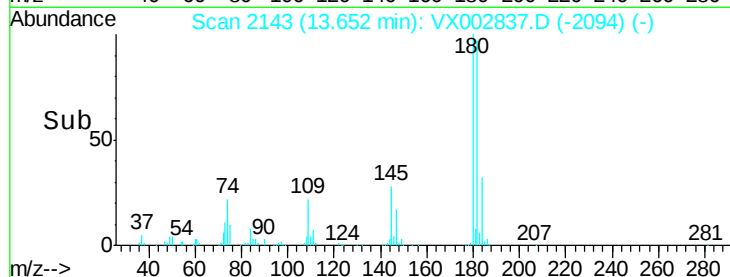
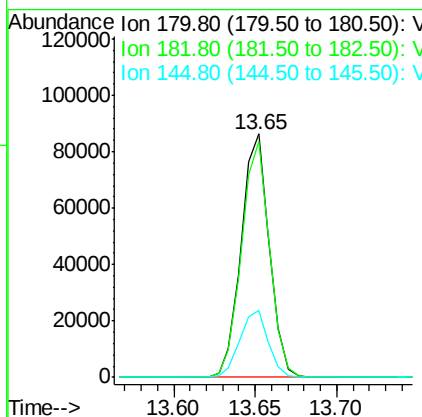
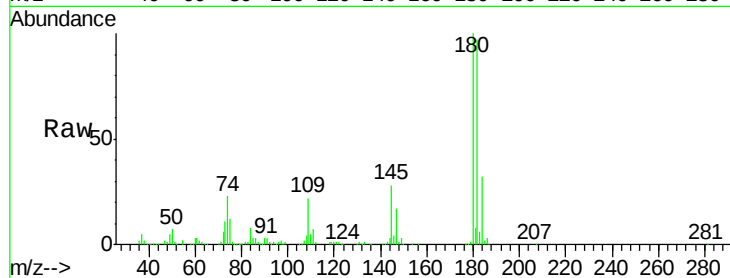
ClientSampleId :

VX0622WBS02

Tot Ion:	180	Resp:	103821
Ion Ratio	Lower	Upper	
180	100		
182	96.7	47.7	143.1
145	28.1	14.1	42.4

Manual Integrations
APPROVED

MMDadoda
6/25/2018 6:56:07 PM



#94

Hexachlorobutadiene

Concen: 20.61 ug/l

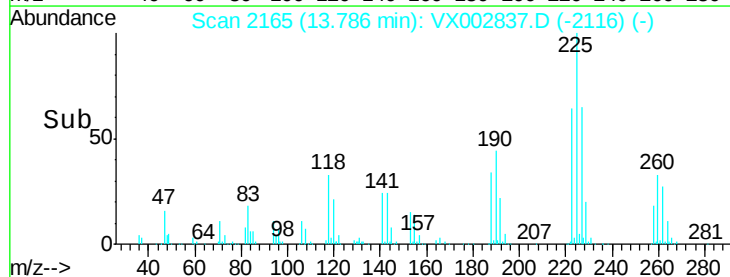
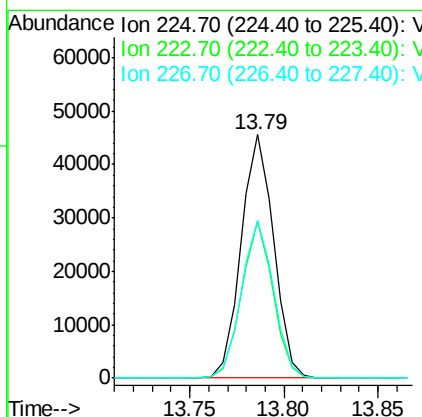
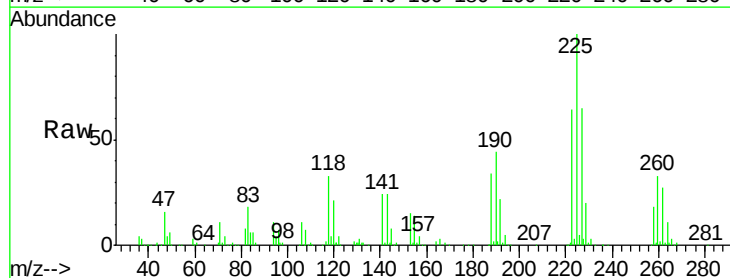
RT: 13.79 min Scan# 2165

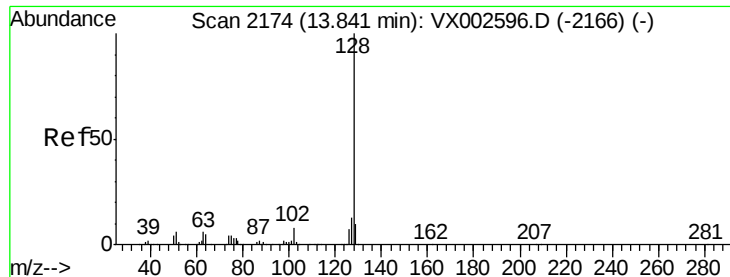
Delta R.T. 0.00 min

Lab File: VX002837.D

Acq: 22 Jun 2018 17:53

Tgt Ion:	225	Resp:	54430
Ion Ratio	Lower	Upper	
225	100		
223	62.3	31.6	95.0
227	64.2	32.4	97.2





#95

Naphthalene

Concen: 20.72 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. 0.00 min

Lab File: VX002837.D

Acq: 22 Jun 2018 17:53

Instrument :

MSVOA_X

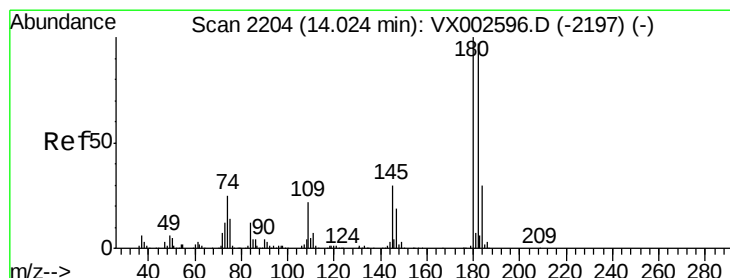
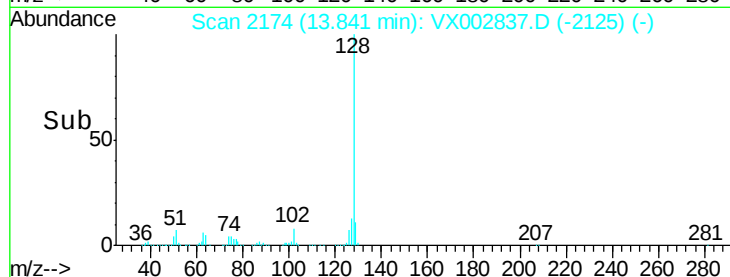
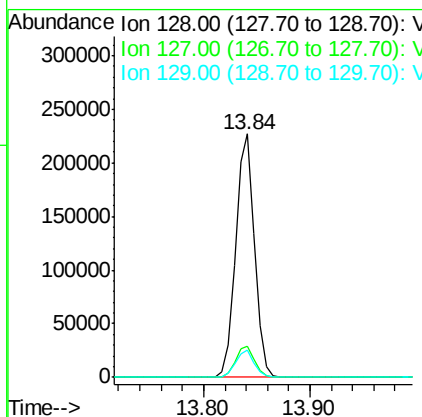
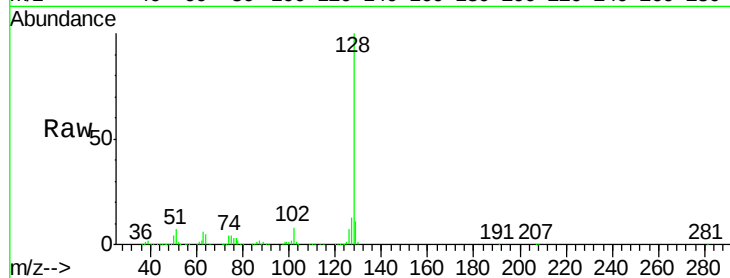
ClientSampleId :

VX0622WBS02

Tot Ion:	128	Resp:	279520
Ion Ratio	Lower	Upper	
128	100		
127	13.0	10.4	15.6
129	10.9	8.6	13.0

Manual Integrations
APPROVED

MMDadoda
6/25/2018 6:56:07 PM



#96

1,2,3-Trichlorobenzene

Concen: 20.96 ug/l

RT: 14.02 min Scan# 2204

Delta R.T. 0.00 min

Lab File: VX002837.D

Acq: 22 Jun 2018 17:53

Tgt Ion:	180	Resp:	105570
Ion Ratio	Lower	Upper	
180	100		
182	95.8	48.0	144.0
145	29.1	14.8	44.3

