

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX052618\
 Data File : VX002017.D
 Acq On : 26 May 2018 14:12
 Operator : JC/MD
 Sample : VX0526WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0526WBS01

Manual Integrations
 APPROVED

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 5/30/2018 1:50:07 PM

Quant Time: May 28 01:19:45 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X052418W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 24 13:09:03 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	291406	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	392376	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	362936	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	241222	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	210258	40.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	80.74%	
35) Dibromofluoromethane	5.51	113	165272	42.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	84.24%	
50) Toluene-d8	8.72	98	614846	43.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	86.56%	
62) 4-Bromofluorobenzene	11.14	95	234910	42.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	84.54%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	65522	16.61	ug/l	96
3) Chloromethane	1.32	50	75721	16.89	ug/l	100
4) Vinyl Chloride	1.40	62	76804	17.74	ug/l	99
5) Bromomethane	1.64	94	42476	20.75	ug/l	100
6) Chloroethane	1.73	64	49279	19.31	ug/l	99
7) Trichlorofluoromethane	1.93	101	124598	19.16	ug/l	100
8) Diethyl Ether	2.19	74	45764	19.40	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.39	101	72068	19.87	ug/l	99
10) Methyl Iodide	2.51	142	75835	15.45	ug/l	97
11) Tert butyl alcohol	3.07	59	90811	88.82	ug/l	99
12) 1,1-Dichloroethene	2.37	96	63193	18.60	ug/l	96
13) Acrolein	2.29	56	35924	81.26	ug/l	99
14) Allyl chloride	2.73	41	136291	19.12	ug/l	99
15) Acrylonitrile	3.15	53	193762	92.15	ug/l	100
16) Acetone	2.45	43	190654	94.84	ug/l	100
17) Carbon Disulfide	2.57	76	174712	17.87	ug/l	99
18) Methyl Acetate	2.78	43	98556	19.66	ug/l	97
19) Methyl tert-butyl Ether	3.21	73	240576	18.83	ug/l	98
20) Methylene Chloride	2.86	84	70337	19.18	ug/l	98
21) trans-1,2-Dichloroethene	3.17	96	66707	19.20	ug/l	97
22) Diisopropyl ether	3.87	45	248751	17.15	ug/l	95
23) Vinyl Acetate	3.83	43	1101442	91.60	ug/l	99
24) 1,1-Dichloroethane	3.70	63	132223	19.19	ug/l	100
25) 2-Butanone	4.71	43	293209	79.58	ug/l	100
26) 2,2-Dichloropropane	4.59	77	118358	16.97	ug/l	100
27) cis-1,2-Dichloroethene	4.60	96	73529	16.60	ug/l	91
28) Bromochloromethane	5.03	49	54142	17.37	ug/l	99
29) Tetrahydrofuran	5.17	42	188711	78.72	ug/l	100
30) Chloroform	5.22	83	128066	16.50	ug/l	99
31) Cyclohexane	5.57	56	122240	17.03	ug/l	98
32) 1,1,1-Trichloroethane	5.50	97	119136	16.47	ug/l	99
36) 1,1-Dichloropropene	5.80	75	94513	17.32	ug/l	99
37) Ethyl Acetate	4.87	43	115594	16.25	ug/l	99
38) Carbon Tetrachloride	5.78	117	106436	16.72	ug/l	98

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Manual Integrations
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 5/30/2018 1:50:07 PM

Quant Time: May 28 01:19:45 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X052418W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 24 13:09:03 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	124322	18.54	ug/l	98
40) Benzene	6.15	78	281965	17.63	ug/l	98
41) Methacrylonitrile	5.07	41	65963	16.66	ug/l	99
42) 1,2-Dichloroethane	6.20	62	109501	17.14	ug/l	100
43) Isopropyl Acetate	6.47	43	199703	16.84	ug/l	100
44) Trichloroethene	7.22	130	81878	17.57	ug/l	100
45) 1,2-Dichloropropane	7.52	63	76080	17.52	ug/l	99
46) Dibromomethane	7.67	93	50121	17.43	ug/l	99
47) Bromodichloromethane	7.90	83	101591	16.57	ug/l	99
48) Methyl methacrylate	7.78	41	101263	16.78	ug/l	99
49) 1,4-Dioxane	7.76	88	34010	319.85	ug/l	97
51) 4-Methyl-2-Pentanone	8.65	43	609416	85.27	ug/l	99
52) Toluene	8.79	92	177031	17.40	ug/l	99
53) t-1,3-Dichloropropene	8.44	75	121590	17.22	ug/l	99
54) cis-1,3-Dichloropropene	9.05	75	115328	16.76	ug/l	100
55) 1,1,2-Trichloroethane	9.22	97	74379	17.50	ug/l	99
56) Ethyl methacrylate	9.18	69	120472	16.48	ug/l	99
57) 1,3-Dichloropropane	9.38	76	122923	17.55	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.32	63	337554	104.16	ug/l	100
59) 2-Hexanone	9.50	43	469820	85.26	ug/l	99
60) Dibromochloromethane	9.59	129	81493	16.19	ug/l	100
61) 1,2-Dibromoethane	9.68	107	76855	17.23	ug/l	100
64) Tetrachloroethene	9.34	164	91716	17.63	ug/l	97
65) Chlorobenzene	10.14	112	204288	17.77	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	78347	16.87	ug/l	99
67) Ethyl Benzene	10.26	91	355244	17.78	ug/l	99
68) m/p-Xylenes	10.37	106	265871	34.81	ug/l	98
69) o-Xylene	10.70	106	133108	17.46	ug/l	99
70) Styrene	10.71	104	218535	17.28	ug/l	100
71) Bromoform	10.87	173	65884	14.96	ug/l #	98
73) Isopropylbenzene	11.02	105	361550	17.70	ug/l	99
74) N-amyl acetate	6.47	43	199703	16.75	ug/l #	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	104040	17.81	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	110762m	19.12	ug/l	
77) Bromobenzene	11.26	156	93115	17.18	ug/l	98
78) n-propylbenzene	11.37	91	408230	17.84	ug/l	99
79) 2-Chlorotoluene	11.43	91	244133	17.98	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	303980	17.41	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.08	75	36357	15.08	ug/l	93
82) 4-Chlorotoluene	11.51	91	281581	17.45	ug/l	100
83) tert-Butylbenzene	11.77	119	299192	17.47	ug/l	100
84) 1,2,4-Trimethylbenzene	11.81	105	313286	17.37	ug/l	100
85) sec-Butylbenzene	11.95	105	368787	17.91	ug/l	99
86) p-Isopropyltoluene	12.07	119	331983	18.02	ug/l	100
87) 1,3-Dichlorobenzene	12.03	146	171279	17.65	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	169392	17.46	ug/l	99
89) n-Butylbenzene	12.39	91	284094	18.20	ug/l	100
90) Hexachloroethane	12.60	117	58169	16.00	ug/l	99
91) 1,2-Dichlorobenzene	12.40	146	173163	17.51	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	27256	15.01	ug/l	98

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Instrument :
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 ClientSampleId :
 VX0526WBS01

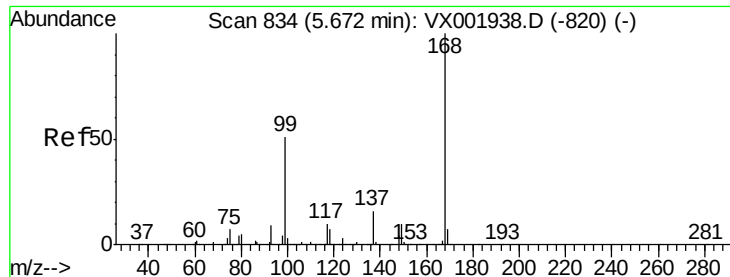
Manual Integrations
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 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X052418W.M
 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	123773	17.50	ug/l	99
94) Hexachlorobutadiene	13.79	225	69398	18.24	ug/l	99
95) Naphthalene	13.84	128	370736	17.02	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	128244	17.53	ug/l	100

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



#1

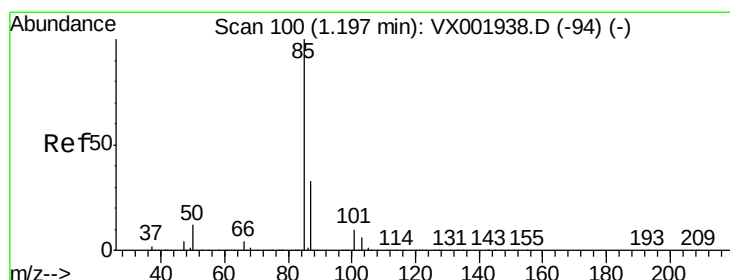
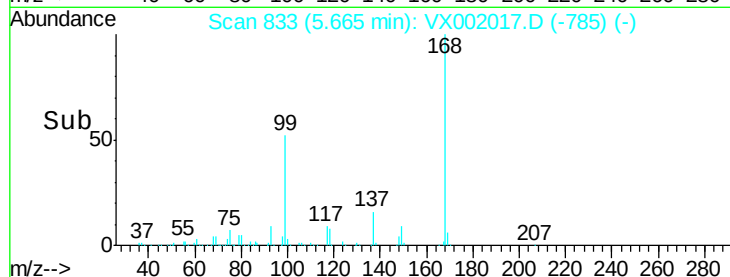
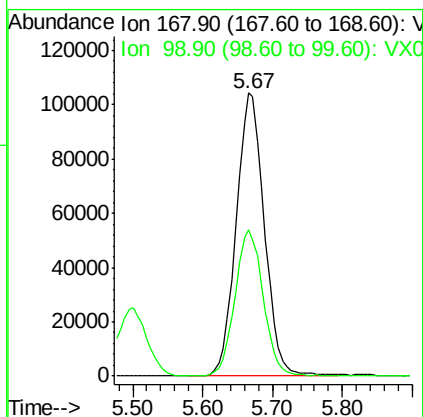
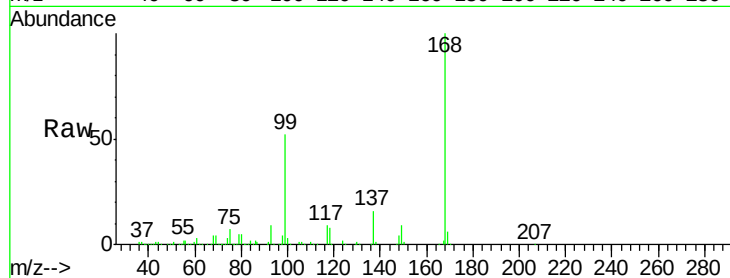
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.67 min Scan# 833
Delta R.T. -0.01 min
Lab File: VX002017.D
Acq: 26 May 2018 14:12

Instrument :
MSVOA_X
ClientSampleId :
VX0526WBS01

Tot Ion	Ratio	Resp	Lower	Upper
168	100	291406		
99	51.5	41.0	61.4	

Manual Integrations
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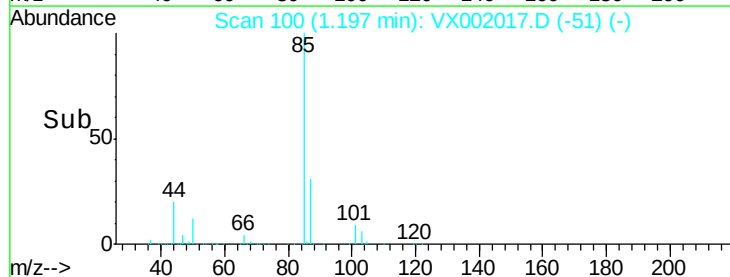
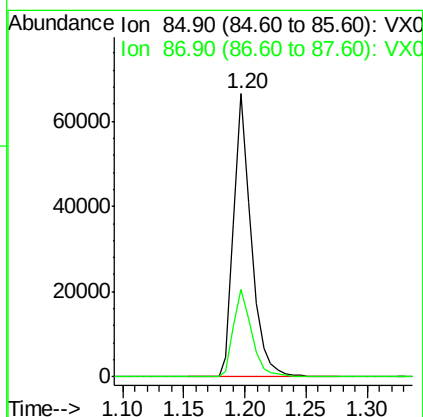
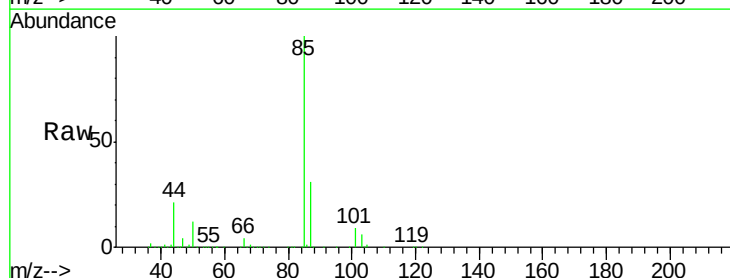
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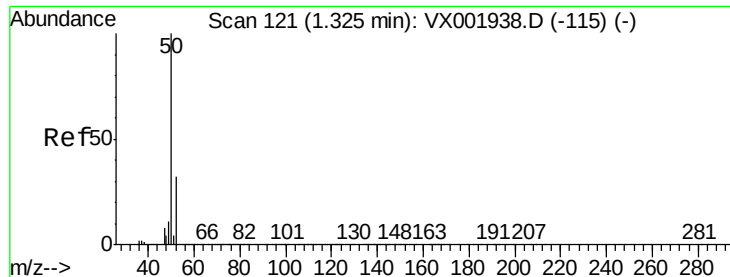


#2

Dichlorodifluoromethane
Concen: 16.61 ug/l
RT: 1.20 min Scan# 100
Delta R.T. 0.00 min
Lab File: VX002017.D
Acq: 26 May 2018 14:12

Tgt Ion	Ratio	Resp	Lower	Upper
85	100	65522		
87	30.9	16.7	50.0	





#3

Chloromethane

Concen: 16.89 ug/l

RT: 1.32 min Scan# 121

Delta R.T. -0.00 min

Lab File: VX002017.D

Acq: 26 May 2018 14:12

Instrument :

MSVOA_X

ClientSampleId :

VX0526WBS01

Tot Ion: 50 Resp: 75721

Ion Ratio Lower Upper

50 100

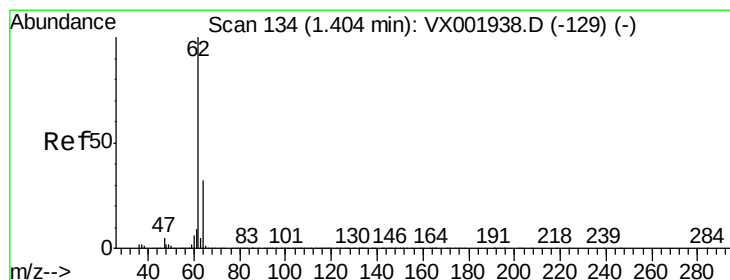
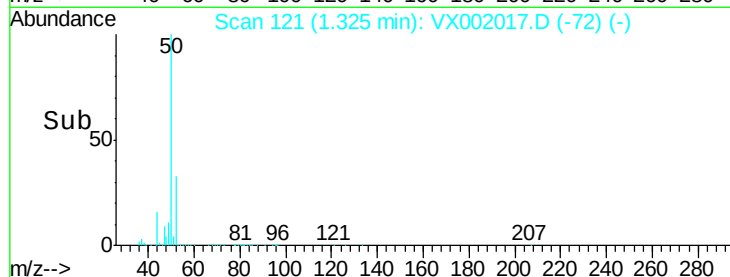
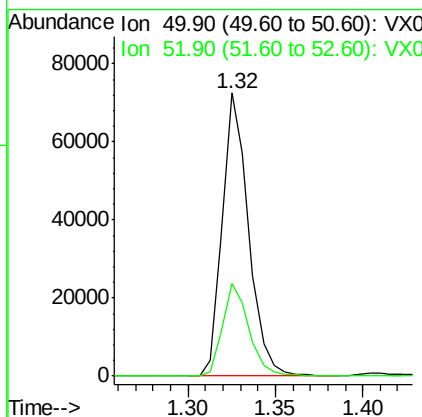
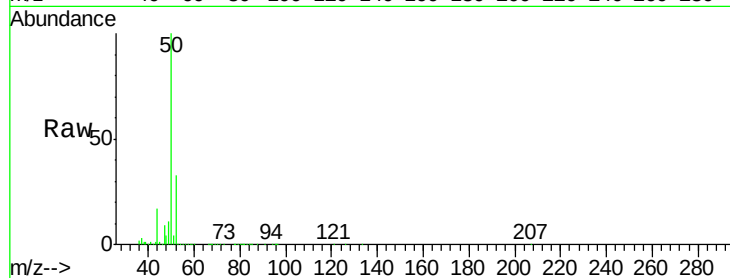
52 32.7 26.0 39.0

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#4

Vinyl Chloride

Concen: 17.74 ug/l

RT: 1.40 min Scan# 134

Delta R.T. -0.00 min

Lab File: VX002017.D

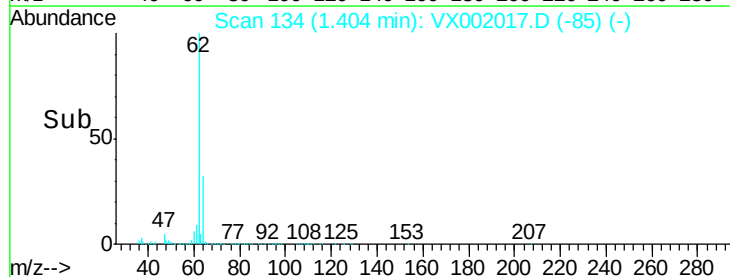
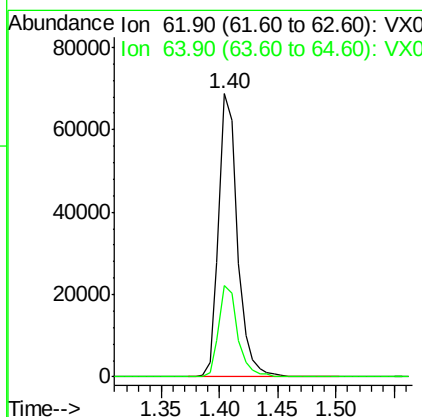
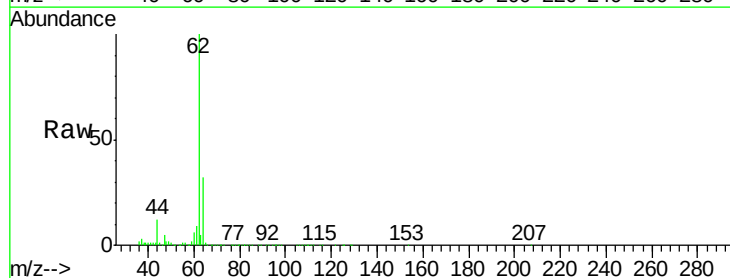
Acq: 26 May 2018 14:12

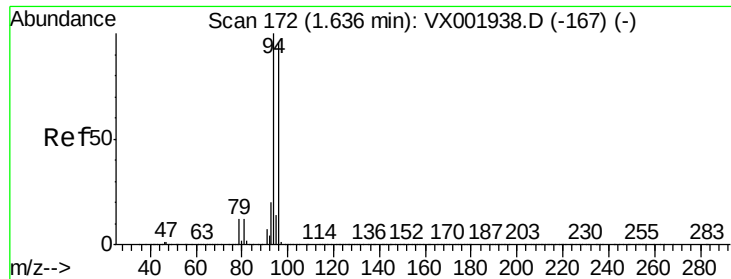
Tgt Ion: 62 Resp: 76804

Ion Ratio Lower Upper

62 100

64 32.2 25.4 38.0





#5

Bromomethane

Concen: 20.75 ug/l

RT: 1.64 min Scan# 173

Delta R.T. 0.01 min

Lab File: VX002017.D

Acq: 26 May 2018 14:12

Instrument :

MSVOA_X

ClientSampleId :

VX0526WBS01

Tot Ion: 94 Resp: 42476

Ion Ratio Lower Upper

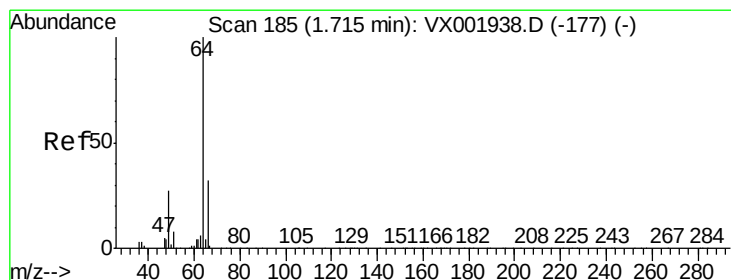
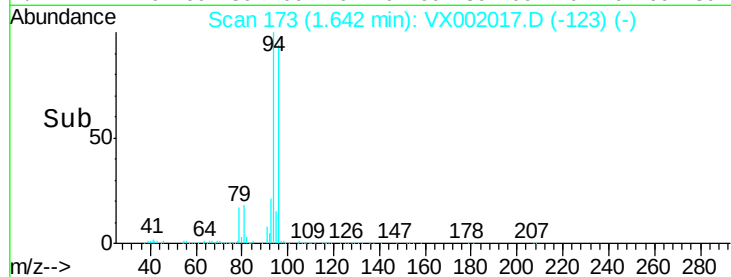
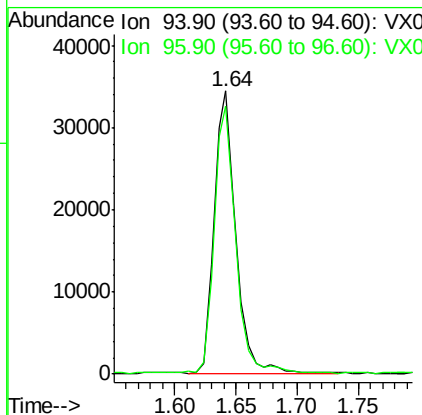
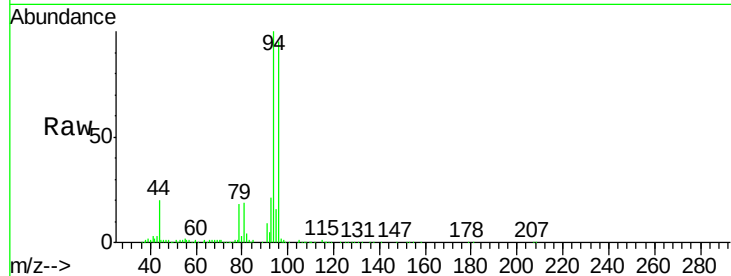
94 100

96 94.5 75.9 113.9

Manual Integrations
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#6

Chloroethane

Concen: 19.31 ug/l

RT: 1.73 min Scan# 187

Delta R.T. 0.01 min

Lab File: VX002017.D

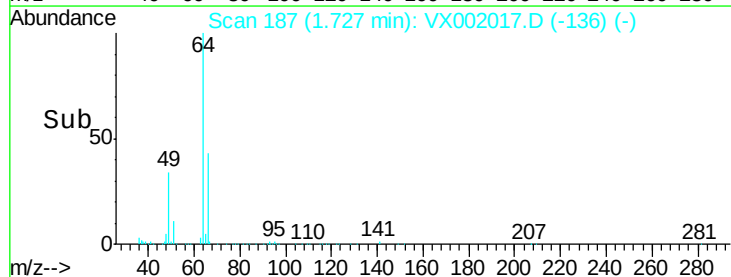
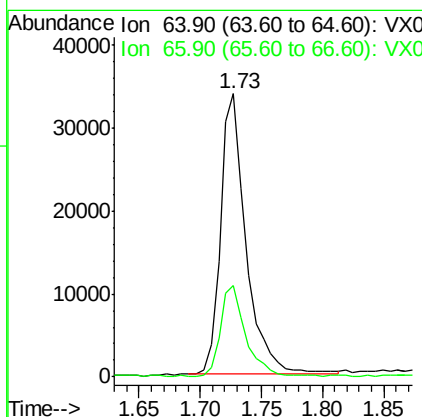
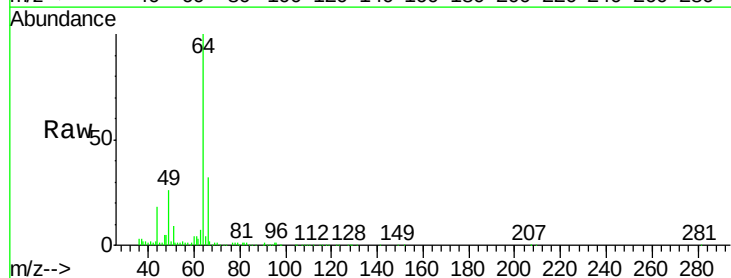
Acq: 26 May 2018 14:12

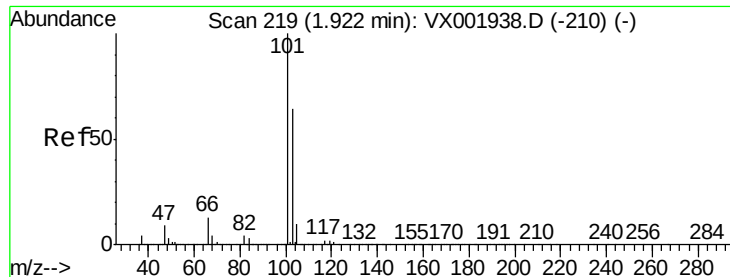
Tgt Ion: 64 Resp: 49279

Ion Ratio Lower Upper

64 100

66 32.5 25.6 38.4





#7

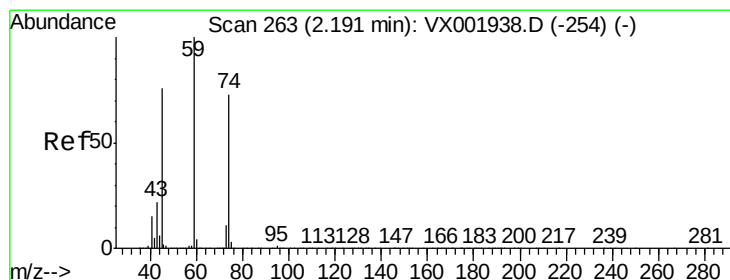
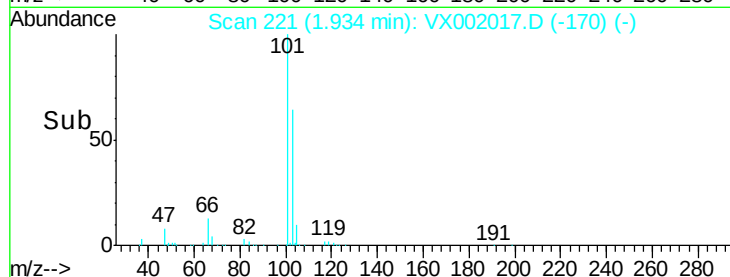
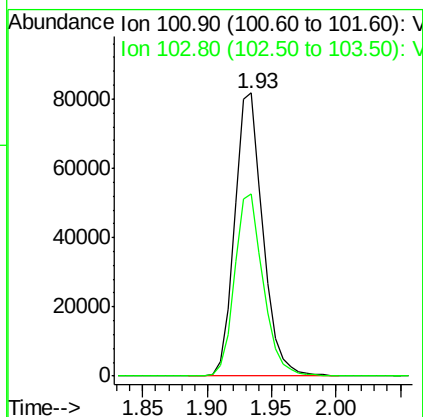
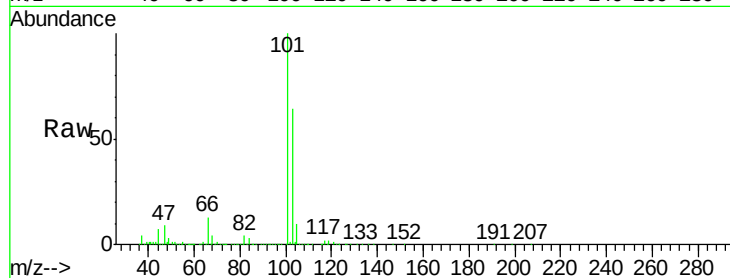
Trichlorofluoromethane
Concen: 19.16 ug/l
RT: 1.93 min Scan# 221
Delta R.T. 0.01 min
Lab File: VX002017.D
Acq: 26 May 2018 14:12

Instrument :
MSVOA_X
ClientSampleId :
VX0526WBS01

Tot Ion	Ratio	Lower	Upper
101	100		
103	64.3	51.4	77.0

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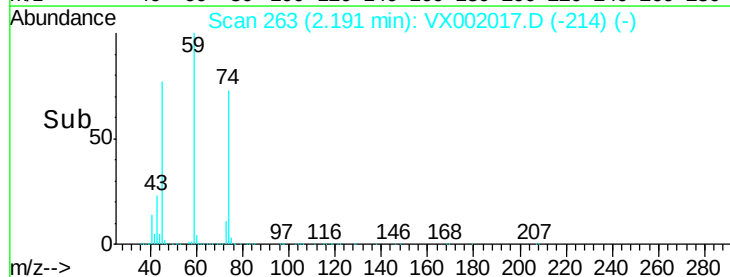
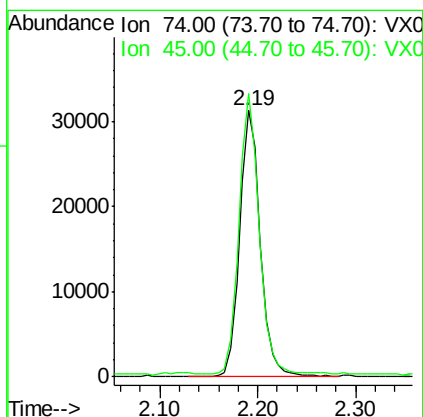
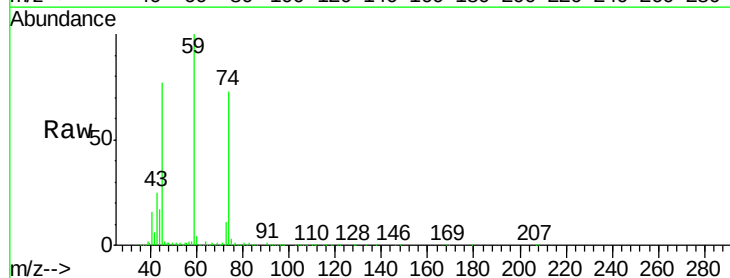
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5/30/2018 1:50:07 PM

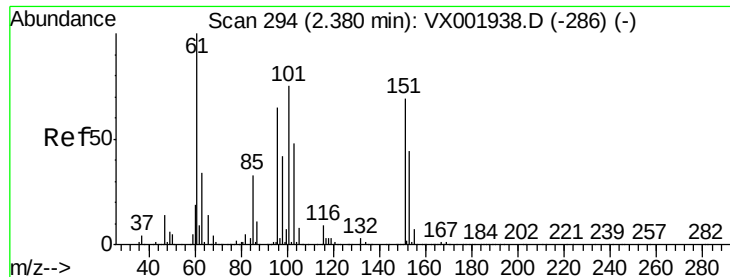


#8

Diethyl Ether
Concen: 19.40 ug/l
RT: 2.19 min Scan# 263
Delta R.T. -0.00 min
Lab File: VX002017.D
Acq: 26 May 2018 14:12

Tgt Ion	Ratio	Lower	Upper
74	100		
45	102.6	51.5	154.7





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.87 ug/l

RT: 2.39 min Scan# 295

Delta R.T. 0.01 min

Lab File: VX002017.D

Acq: 26 May 2018 14:12

Instrument :

MSVOA_X

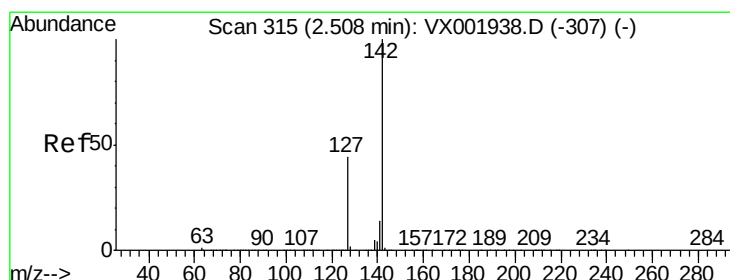
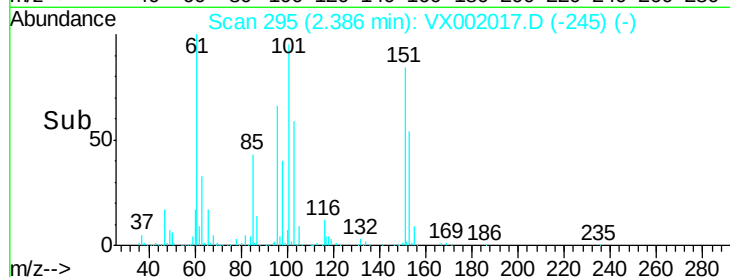
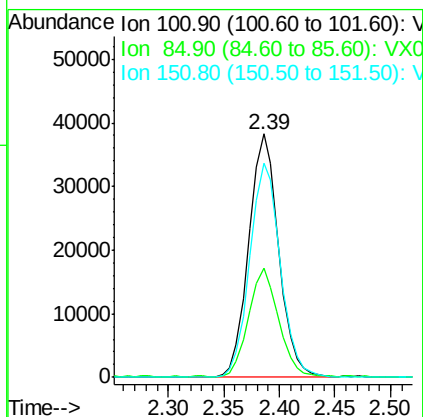
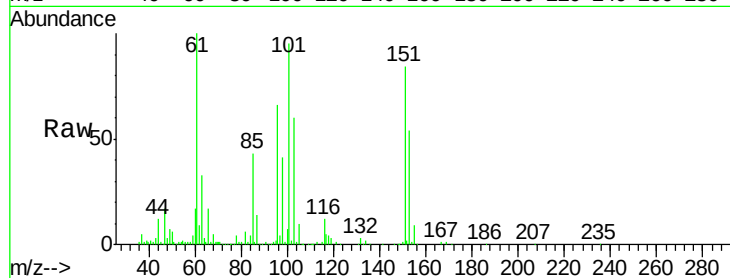
ClientSampleId :

VX0526WBS01

Tot Ion:	101	Resp:	72068
Ion Ratio	Lower	Upper	
101	100		
85	44.9	35.6	53.4
151	89.7	73.2	109.8

Manual Integrations
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5/30/2018 1:50:07 PM



#10

Methyl Iodide

Concen: 15.45 ug/l

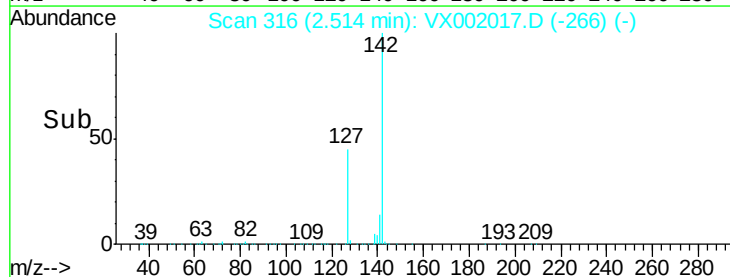
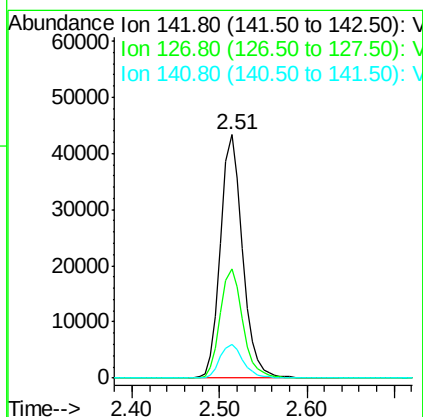
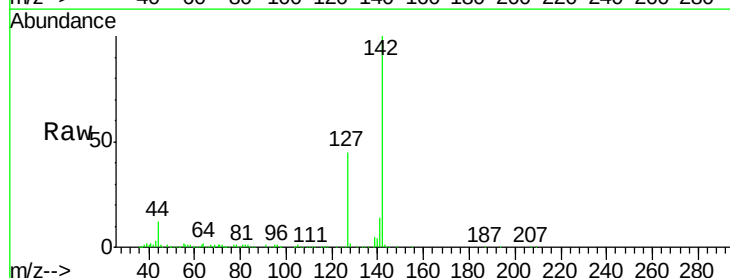
RT: 2.51 min Scan# 316

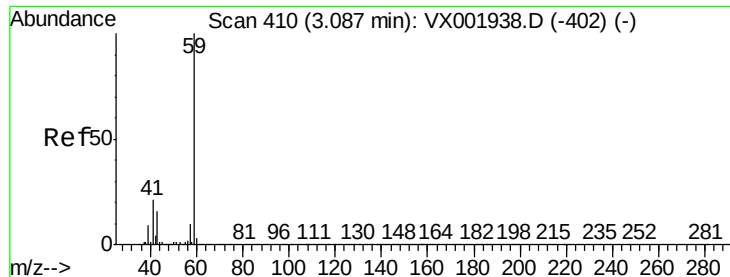
Delta R.T. 0.01 min

Lab File: VX002017.D

Acq: 26 May 2018 14:12

Tgt Ion:	142	Resp:	75835
Ion Ratio	Lower	Upper	
142	100		
127	46.2	35.5	53.3
141	14.9	11.3	16.9





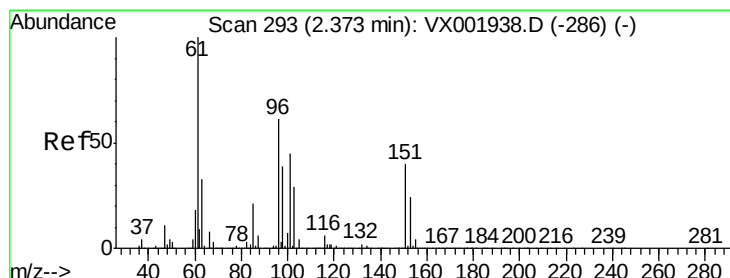
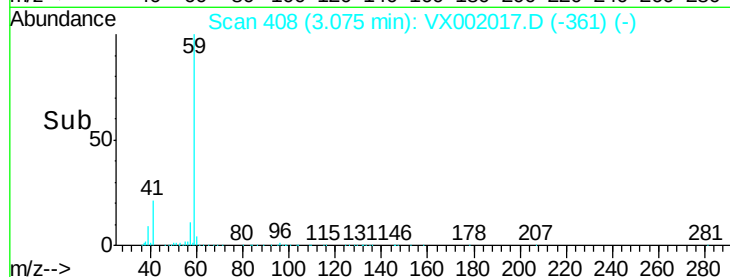
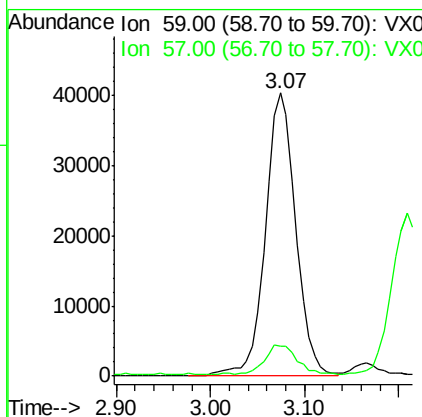
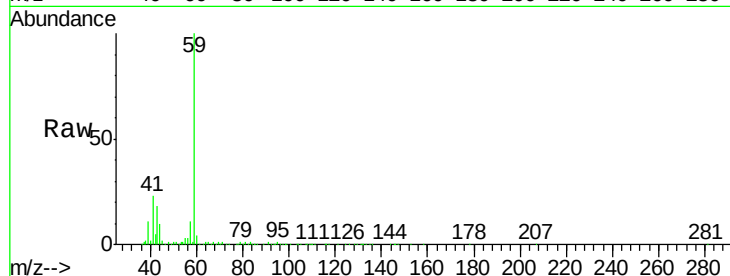
#11
Tert butyl alcohol
Concen: 88.82 ug/l
RT: 3.07 min Scan# 408
Delta R.T. -0.01 min
Lab File: VX002017.D
Acq: 26 May 2018 14:12

Instrument :
MSVOA_X
ClientSampleId :
VX0526WBS01

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.8	8.9	13.3

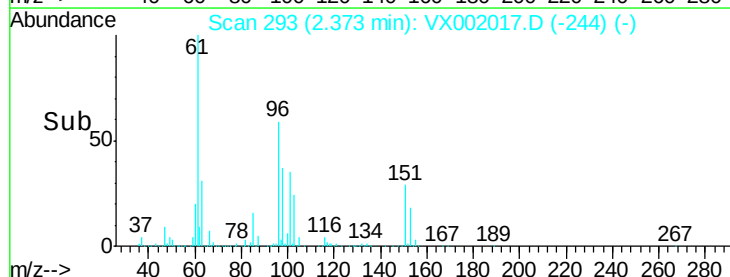
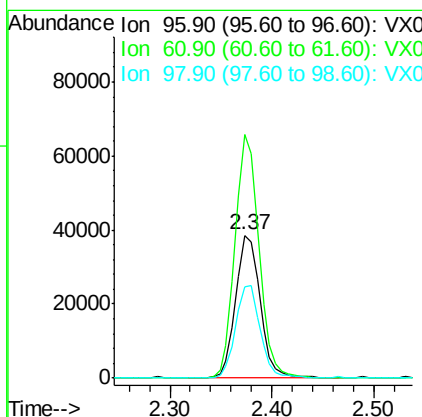
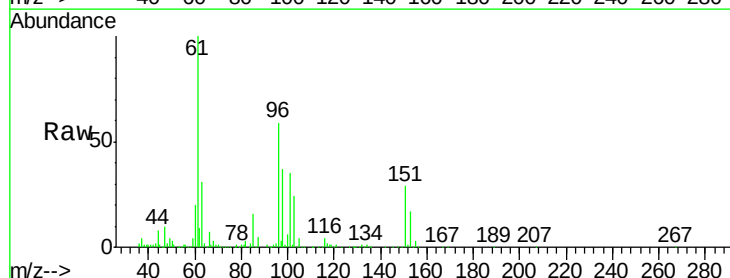
Manual Integrations
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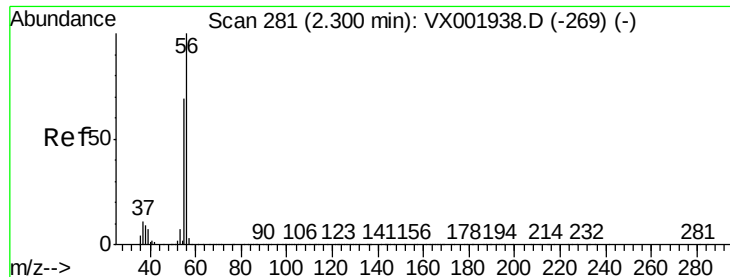
MMDadoda
5/30/2018 1:50:07 PM



#12
1,1-Dichloroethene
Concen: 18.60 ug/l
RT: 2.37 min Scan# 293
Delta R.T. -0.00 min
Lab File: VX002017.D
Acq: 26 May 2018 14:12

Tgt Ion	Ratio	Lower	Upper
96	100		
61	171.0	131.7	197.5
98	63.5	51.6	77.4





#13

Acrolein

Concen: 81.26 ug/l

RT: 2.29 min Scan# 280

Delta R.T. -0.01 min

Lab File: VX002017.D

Acq: 26 May 2018 14:12

Instrument :

MSVOA_X

ClientSampleId :

VX0526WBS01

Tot Ion: 56 Resp: 35924

Ion Ratio Lower Upper

56 100

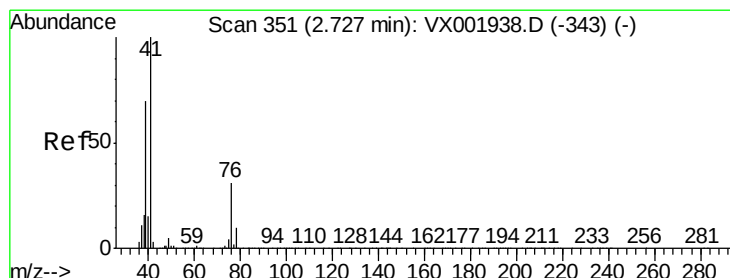
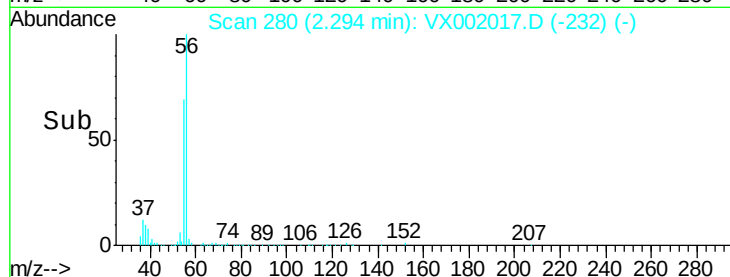
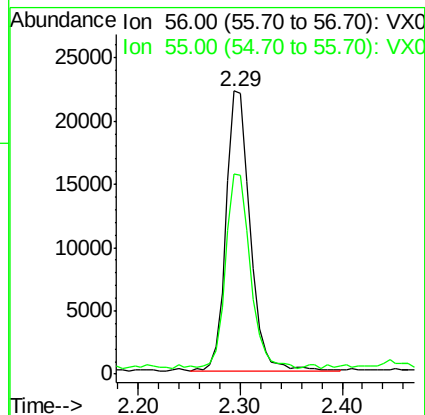
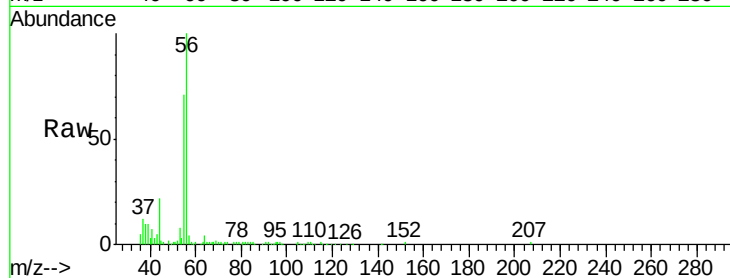
55 72.2 56.8 85.2

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5/30/2018 1:50:07 PM



#14

Allyl chloride

Concen: 19.12 ug/l

RT: 2.73 min Scan# 351

Delta R.T. -0.00 min

Lab File: VX002017.D

Acq: 26 May 2018 14:12

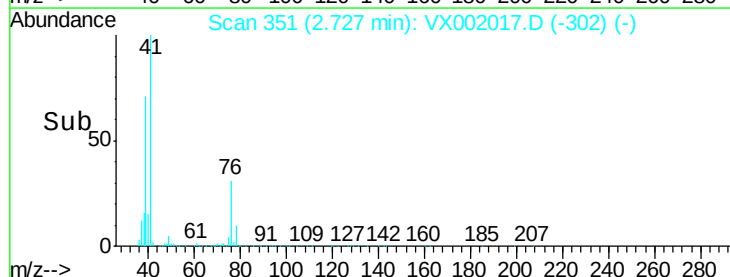
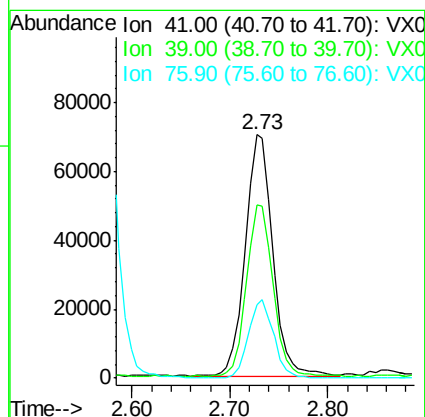
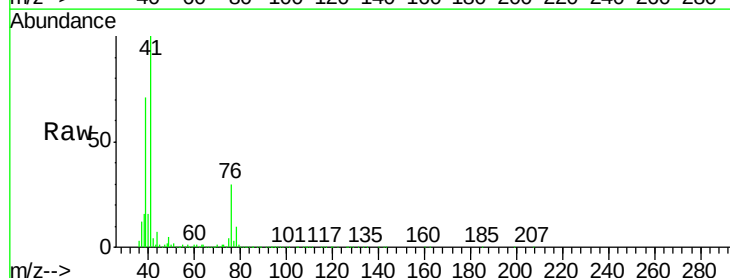
Tgt Ion: 41 Resp: 136291

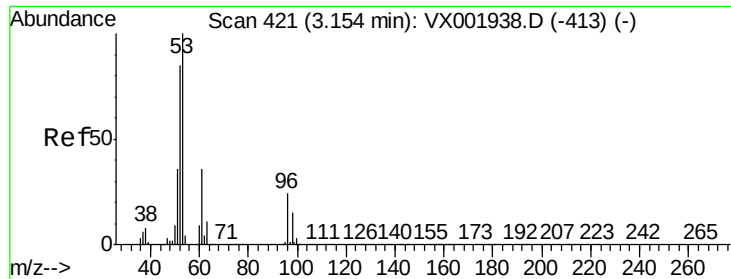
Ion Ratio Lower Upper

41 100

39 68.6 54.3 81.5

76 29.6 24.2 36.4





#15

Acrylonitrile

Concen: 92.15 ug/l

RT: 3.15 min Scan# 421

Delta R.T. -0.00 min

Lab File: VX002017.D

Acq: 26 May 2018 14:12

Instrument :

MSVOA_X

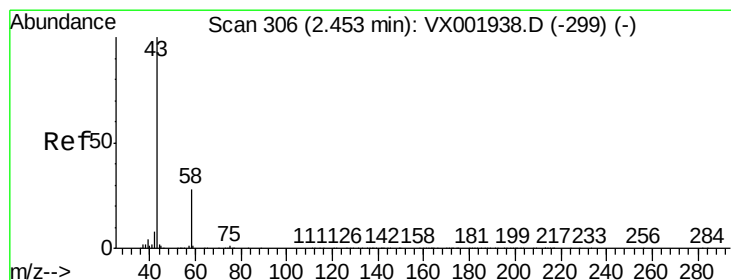
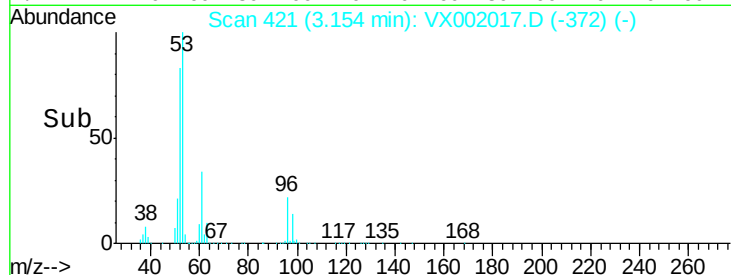
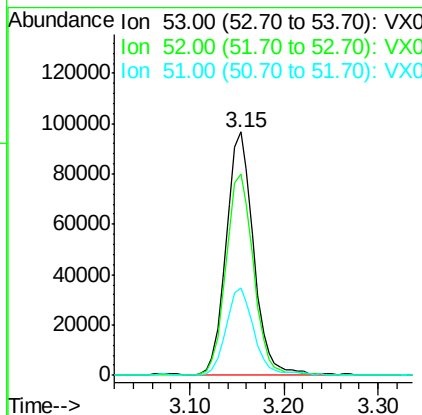
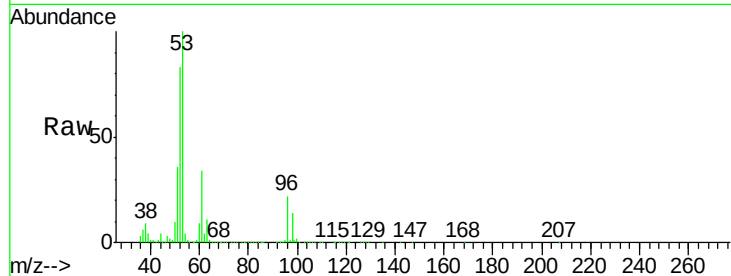
ClientSampleId :

VX0526WBS01

Tot Ion:	53	Resp:	193762
Ion Ratio		Lower	Upper
53	100		
52	83.3	66.4	99.6
51	36.3	29.3	43.9

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#16

Acetone

Concen: 94.84 ug/l

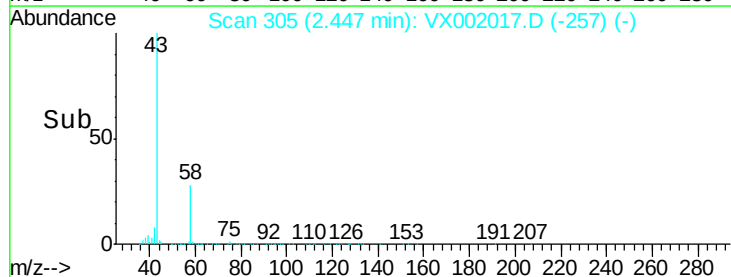
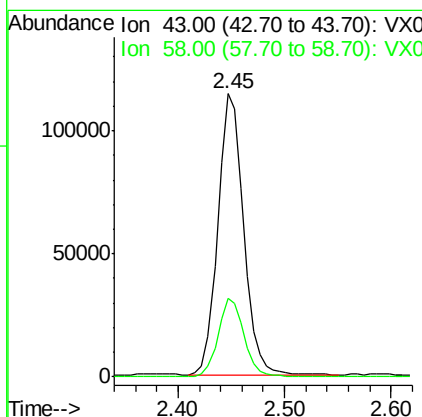
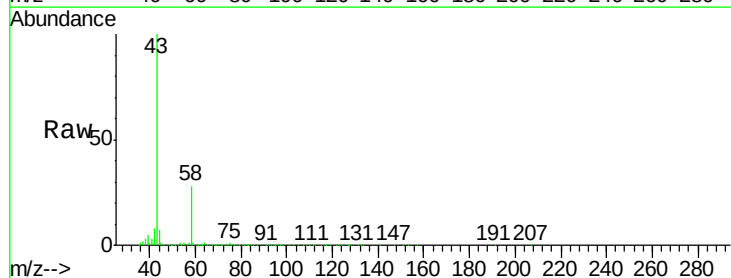
RT: 2.45 min Scan# 305

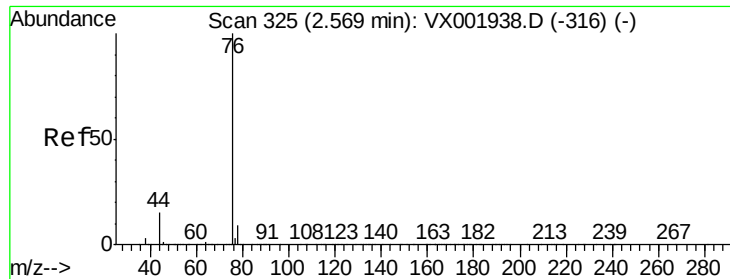
Delta R.T. -0.01 min

Lab File: VX002017.D

Acq: 26 May 2018 14:12

Tgt Ion:	43	Resp:	190654
Ion Ratio		Lower	Upper
43	100		
58	27.8	22.3	33.5





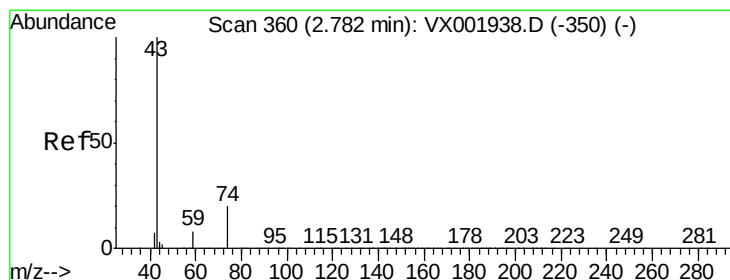
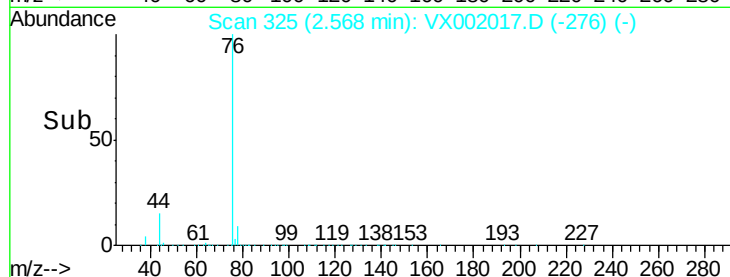
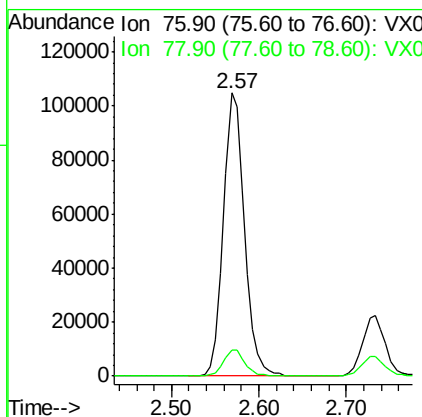
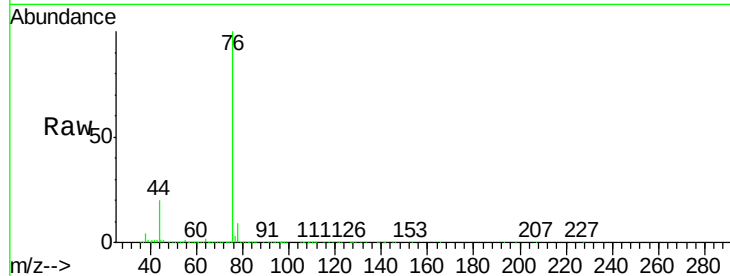
#17
Carbon Disulfide
Concen: 17.87 ug/l
RT: 2.57 min Scan# 325
Delta R.T. -0.00 min
Lab File: VX002017.D
Acq: 26 May 2018 14:12

Instrument :
MSVOA_X
ClientSampleId :
VX0526WBS01

Tot Ion	Ratio	Lower	Upper
76	100		
78	8.9	7.4	11.2

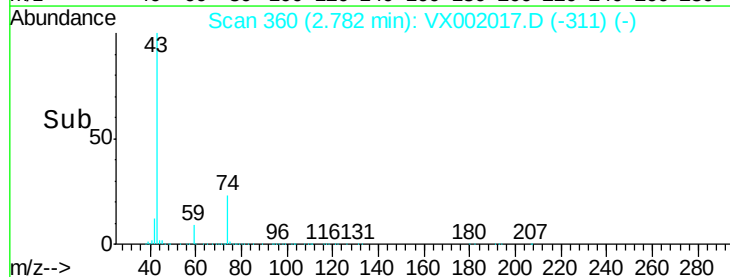
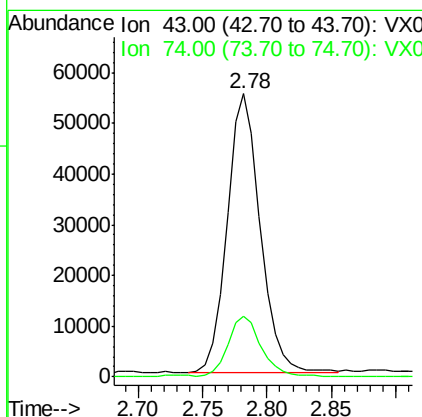
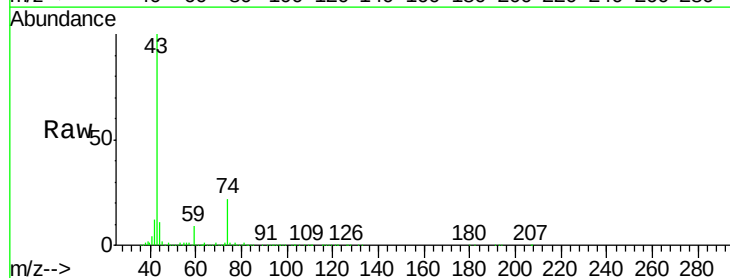
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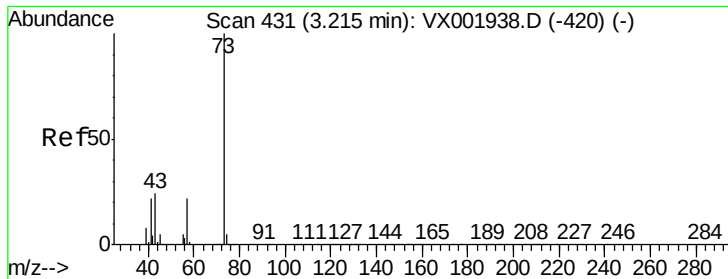
MMDadoda
5/30/2018 1:50:07 PM



#18
Methyl Acetate
Concen: 19.66 ug/l
RT: 2.78 min Scan# 360
Delta R.T. 0.00 min
Lab File: VX002017.D
Acq: 26 May 2018 14:12

Tgt Ion	Ratio	Lower	Upper
43	100		
74	22.2	16.8	25.2





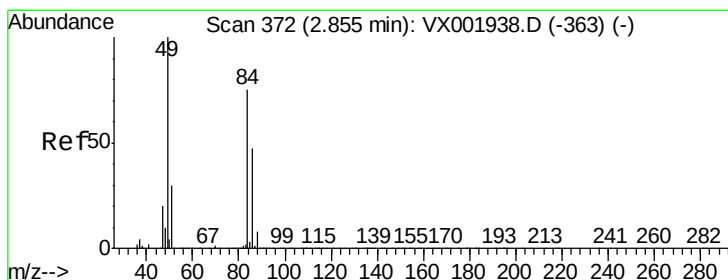
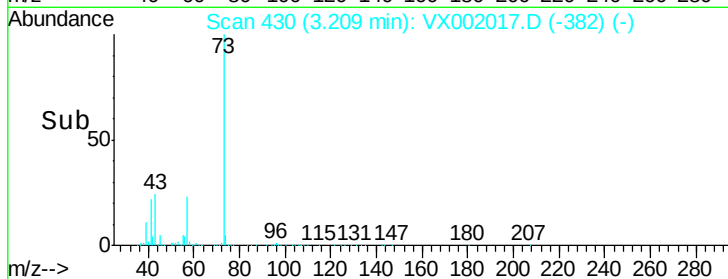
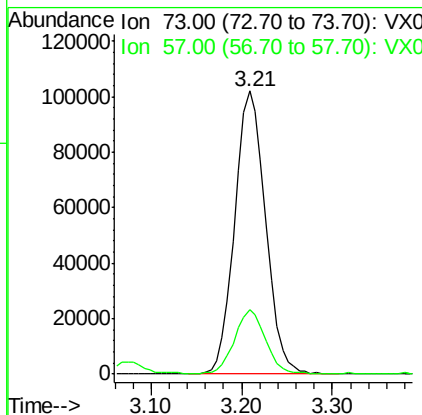
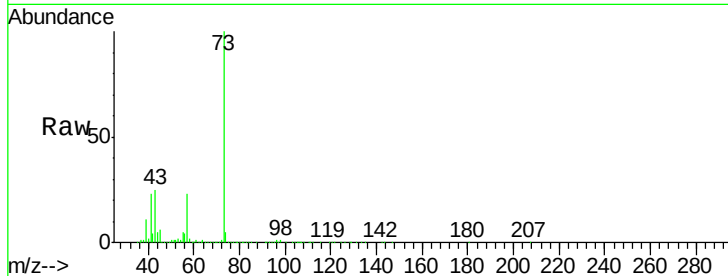
#19
Methyl tert-butyl Ether
Concen: 18.83 ug/l
RT: 3.21 min Scan# 430
Delta R.T. -0.01 min
Lab File: VX002017.D
Acq: 26 May 2018 14:12

Instrument :
MSVOA_X
ClientSampleId :
VX0526WBS01

Tot Ion: 73 Resp: 240576
Ion Ratio Lower Upper
73 100
57 22.5 17.4 26.0

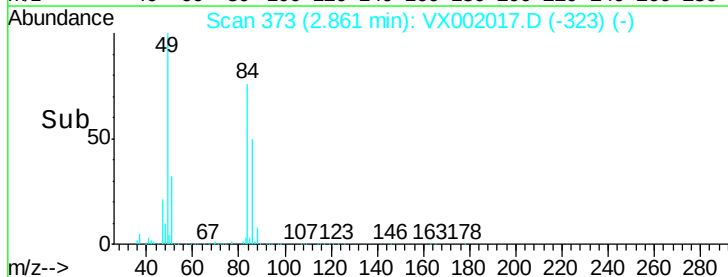
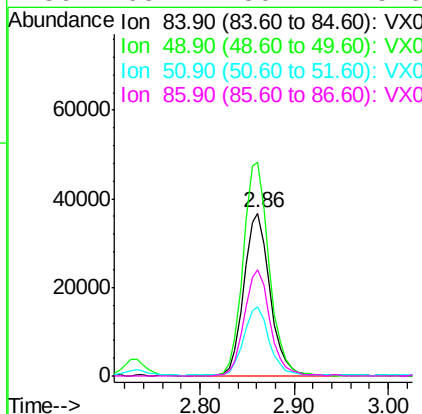
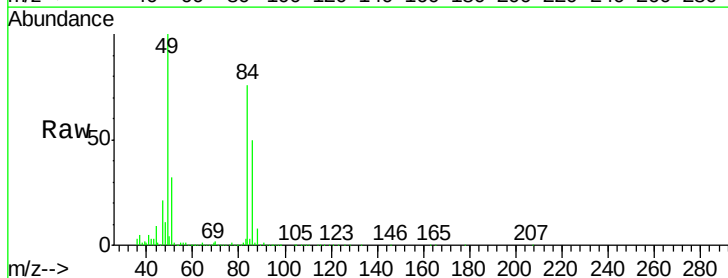
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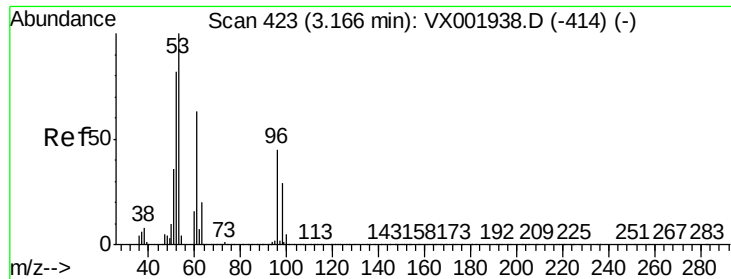
MMDadoda
5/30/2018 1:50:07 PM



#20
Methylene Chloride
Concen: 19.18 ug/l
RT: 2.86 min Scan# 373
Delta R.T. 0.01 min
Lab File: VX002017.D
Acq: 26 May 2018 14:12

Tgt Ion: 84 Resp: 70337
Ion Ratio Lower Upper
84 100
49 131.2 107.2 160.8
51 41.9 32.4 48.6
86 65.2 50.4 75.6





#21

trans-1,2-Dichloroethene

Concen: 19.20 ug/l

RT: 3.17 min Scan# 423

Delta R.T. -0.00 min

Lab File: VX002017.D

Acq: 26 May 2018 14:12

Instrument :

MSVOA_X

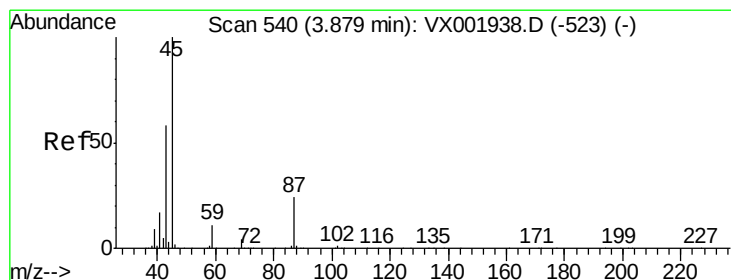
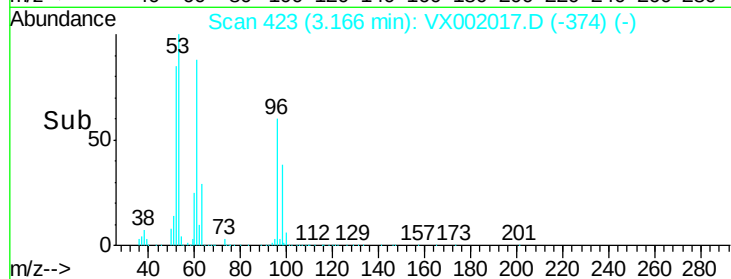
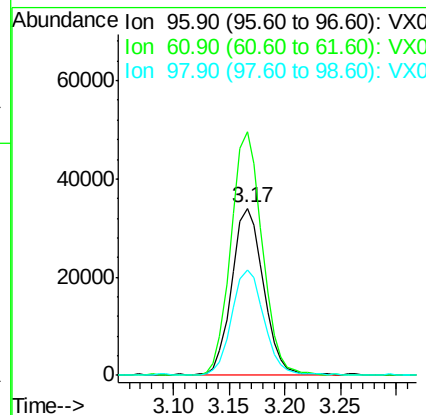
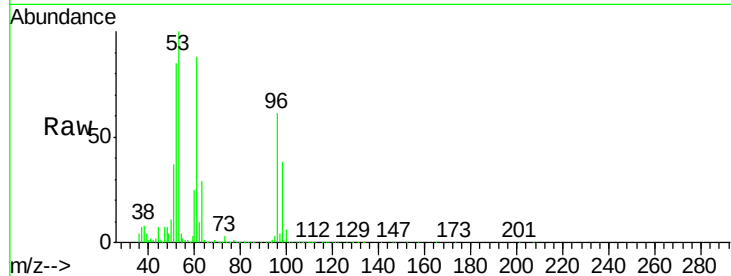
ClientSampleId :

VX0526WBS01

Tot Ion:	96	Resp:	66707
Ion	Ratio	Lower	Upper
96	100		
61	146.1	113.3	169.9
98	62.7	51.7	77.5

Manual Integrations
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5/30/2018 1:50:07 PM



#22

Diisopropyl ether

Concen: 17.15 ug/l

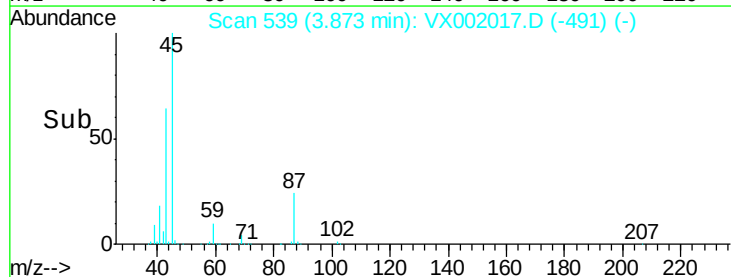
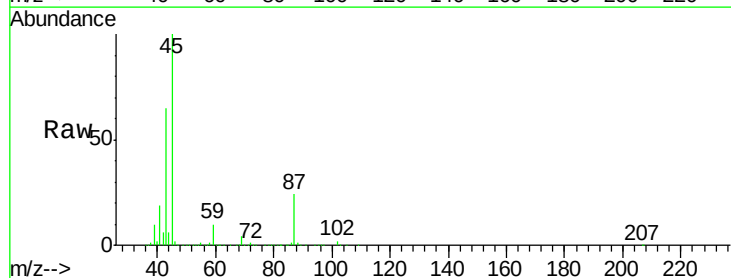
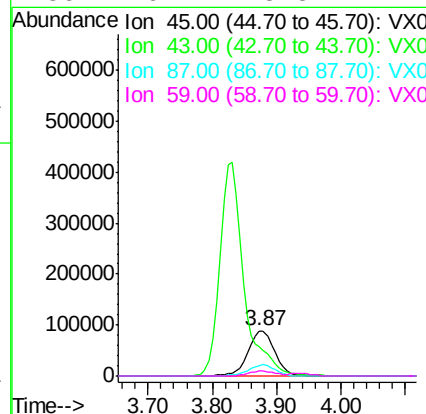
RT: 3.87 min Scan# 539

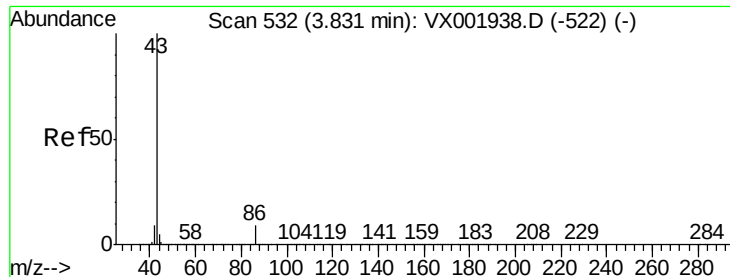
Delta R.T. -0.01 min

Lab File: VX002017.D

Acq: 26 May 2018 14:12

Tgt Ion:	45	Resp:	248751
Ion	Ratio	Lower	Upper
45	100		
43	64.4	47.0	70.6
87	23.6	19.4	29.0
59	10.4	8.5	12.7





#23

Vinyl Acetate

Concen: 91.60 ug/l

RT: 3.83 min Scan# 532

Delta R.T. -0.00 min

Lab File: VX002017.D

Acq: 26 May 2018 14:12

Instrument :

MSVOA_X

ClientSampleId :

VX0526WBS01

Tot Ion: 43 Resp: 1101442

Ion Ratio Lower Upper

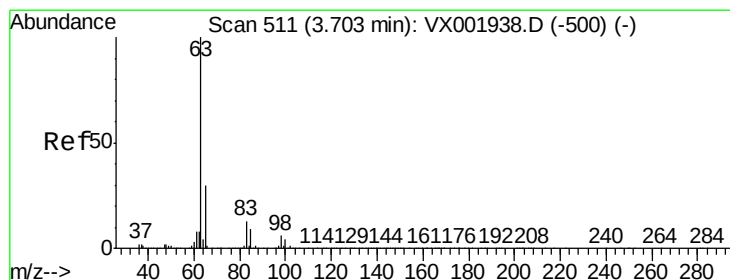
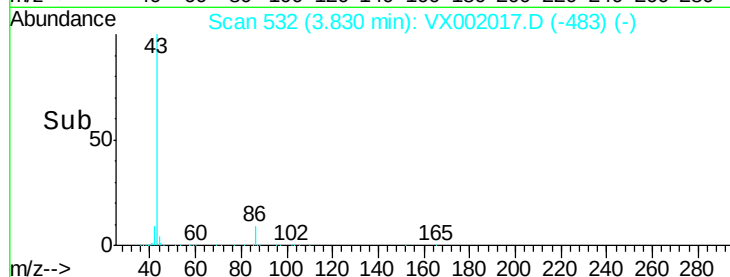
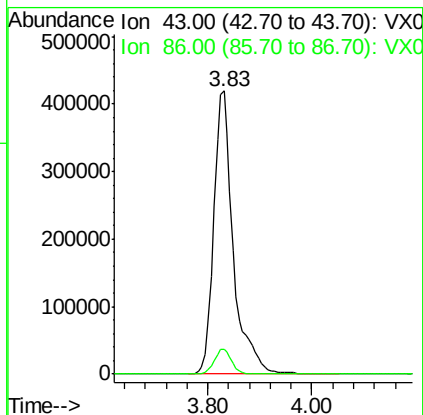
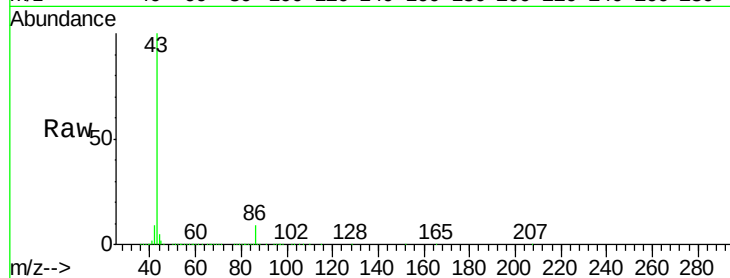
43 100

86 9.0 7.6 11.4

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#24

1,1-Dichloroethane

Concen: 19.19 ug/l

RT: 3.70 min Scan# 511

Delta R.T. -0.00 min

Lab File: VX002017.D

Acq: 26 May 2018 14:12

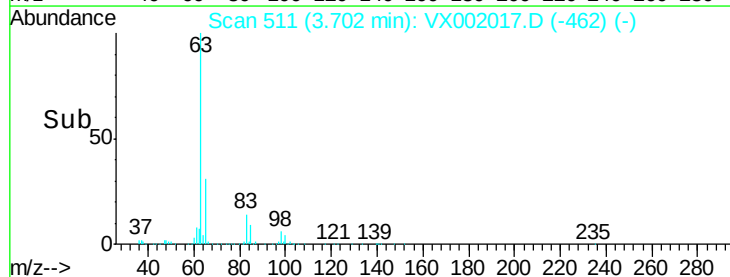
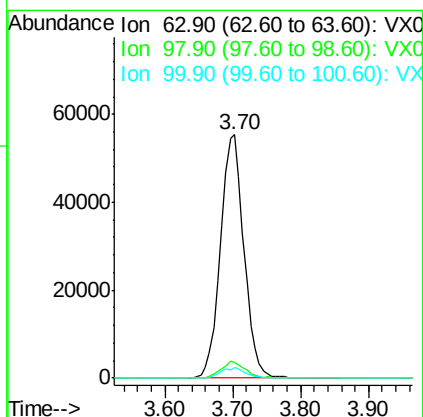
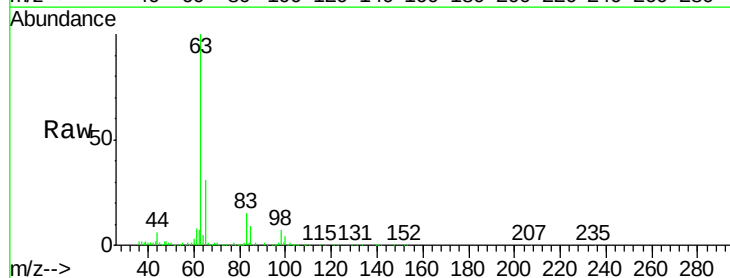
Tgt Ion: 63 Resp: 132223

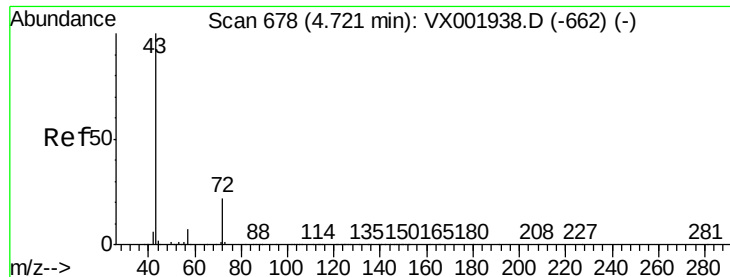
Ion Ratio Lower Upper

63 100

98 6.4 3.3 9.8

100 4.4 2.1 6.5





#25

2-Butanone

Concen: 79.58 ug/l

RT: 4.71 min Scan# 676

Delta R.T. -0.01 min

Lab File: VX002017.D

Acq: 26 May 2018 14:12

Instrument :

MSVOA_X

ClientSampleId :

VX0526WBS01

Tot Ion: 43 Resp: 293209

Ion Ratio Lower Upper

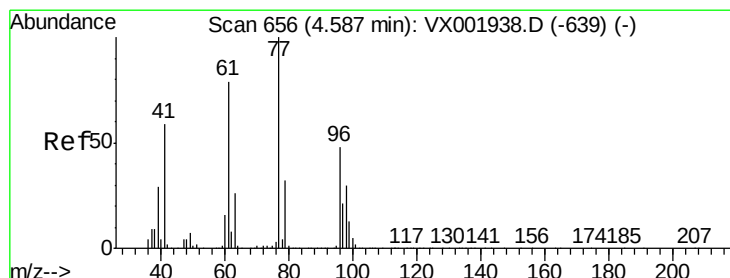
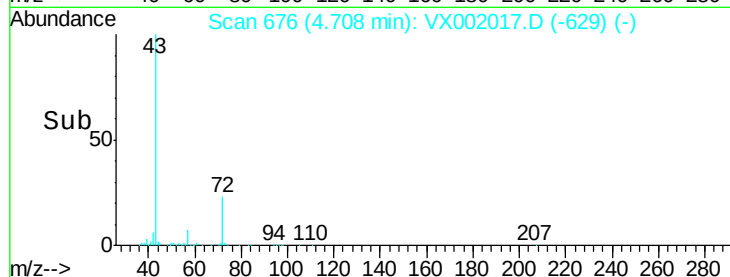
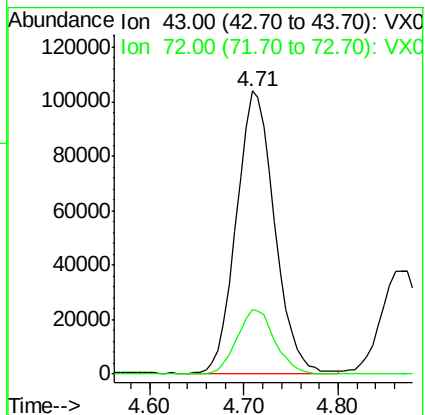
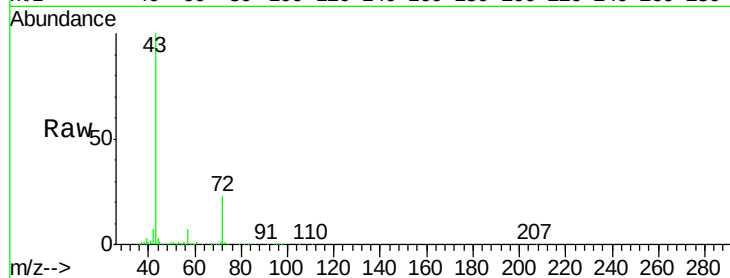
43 100

72 22.6 17.9 26.9

Manual Integrations
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#26

2,2-Dichloropropane

Concen: 16.97 ug/l

RT: 4.59 min Scan# 656

Delta R.T. -0.00 min

Lab File: VX002017.D

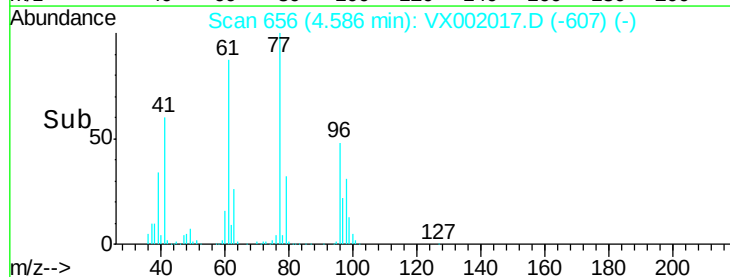
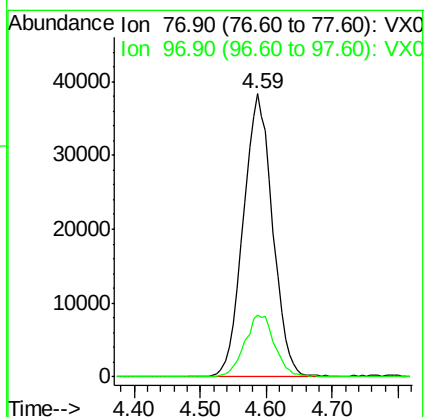
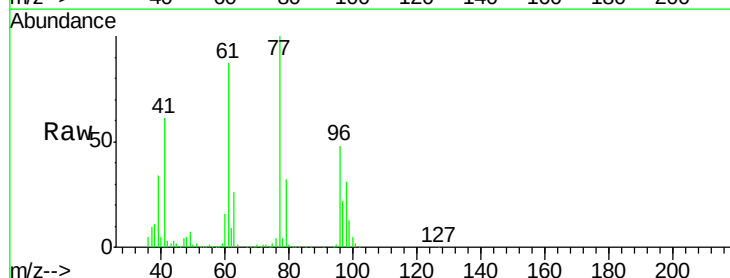
Acq: 26 May 2018 14:12

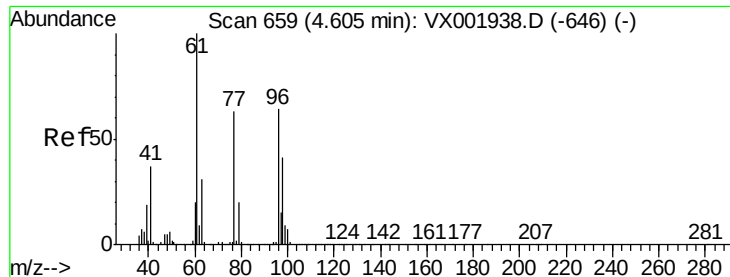
Tgt Ion: 77 Resp: 118358

Ion Ratio Lower Upper

77 100

97 22.4 11.2 33.5





#27

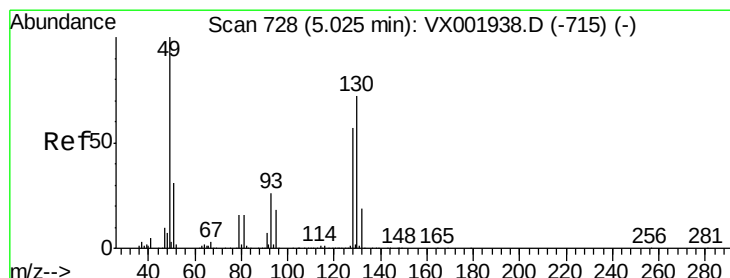
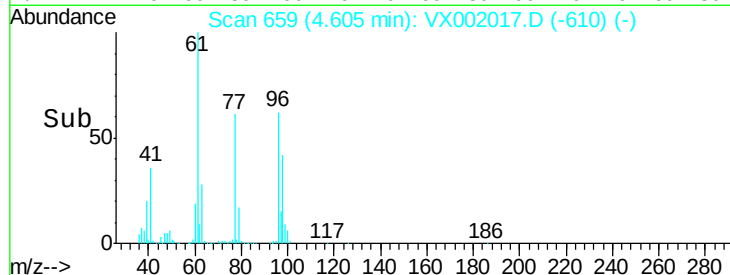
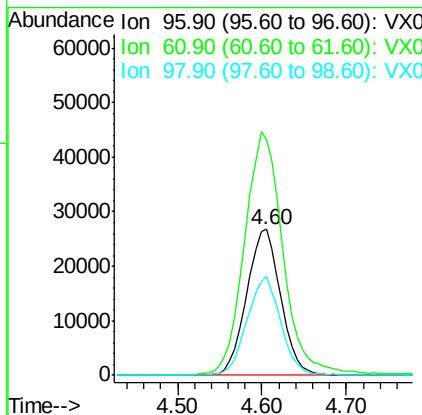
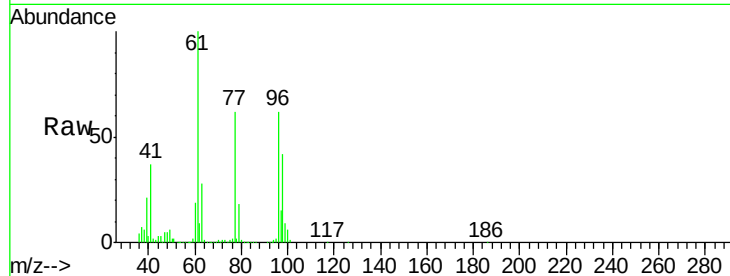
cis-1,2-Dichloroethene
Concen: 16.60 ug/l
RT: 4.60 min Scan# 659
Delta R.T. -0.00 min
Lab File: VX002017.D
Acq: 26 May 2018 14:12

Instrument :
MSVOA_X
ClientSampleId :
VX0526WBS01

Tot Ion	Ratio	Resp	Lower	Upper
96	100			
61	189.9	0.0	348.4	
98	67.1	0.0	128.6	

Manual Integrations
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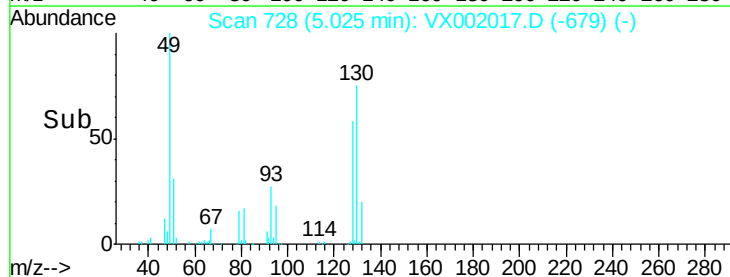
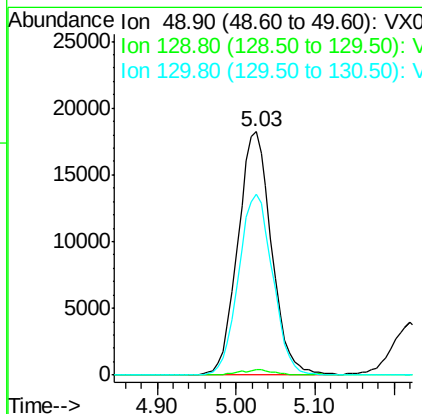
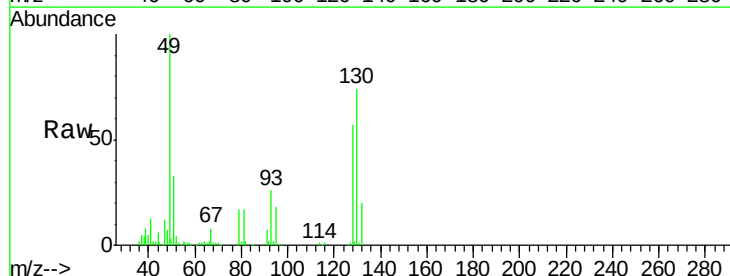
MMDadoda
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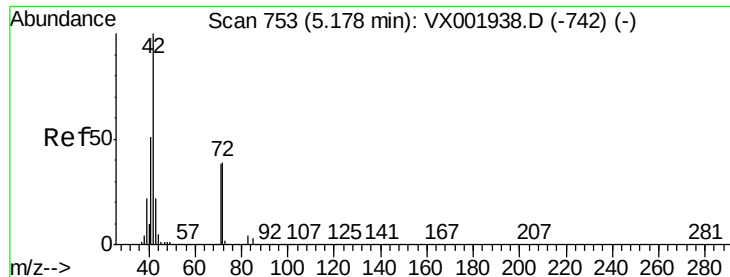


#28

Bromochloromethane
Concen: 17.37 ug/l
RT: 5.03 min Scan# 728
Delta R.T. 0.00 min
Lab File: VX002017.D
Acq: 26 May 2018 14:12

Tgt Ion	Ratio	Resp	Lower	Upper
49	100			
129	2.1	0.0	3.8	
130	75.1	59.4	89.2	





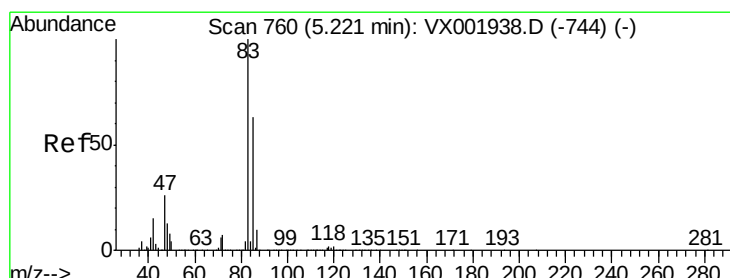
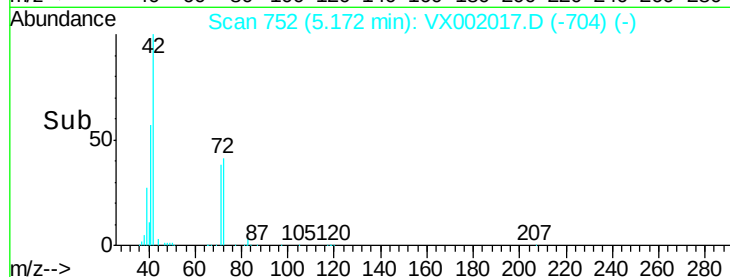
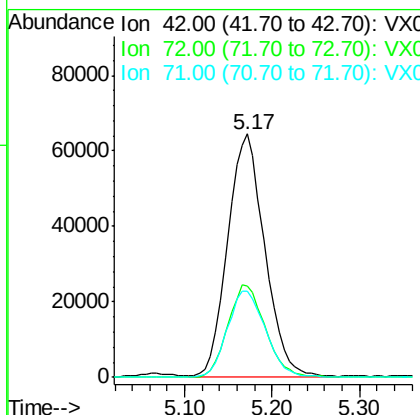
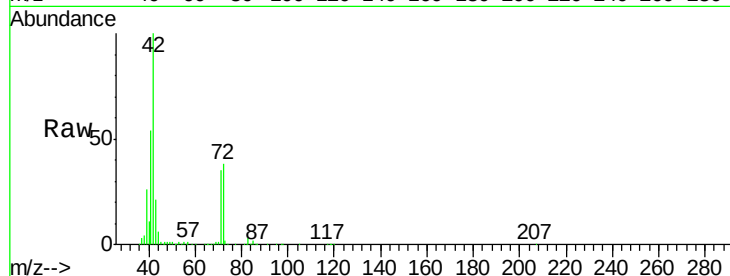
#29
Tetrahydrofuran
Concen: 78.72 ug/l
RT: 5.17 min Scan# 752
Delta R.T. -0.01 min
Lab File: VX002017.D
Acq: 26 May 2018 14:12

Instrument :
MSVOA_X
ClientSampleId :
VX0526WBS01

Tot Ion:	42	Resp:	188711
Ion Ratio		Lower	Upper
42	100		
72	38.7	31.4	47.0
71	36.9	29.5	44.3

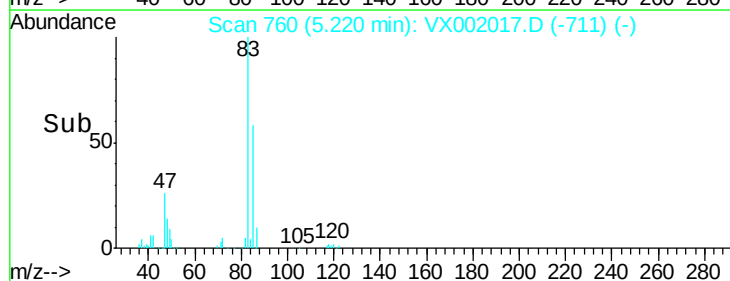
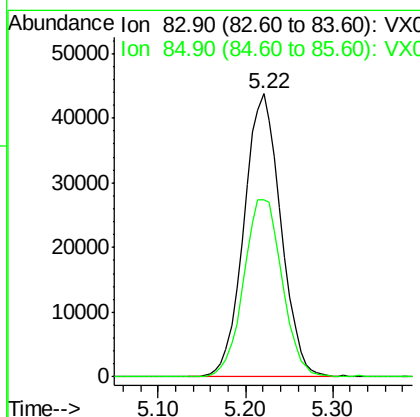
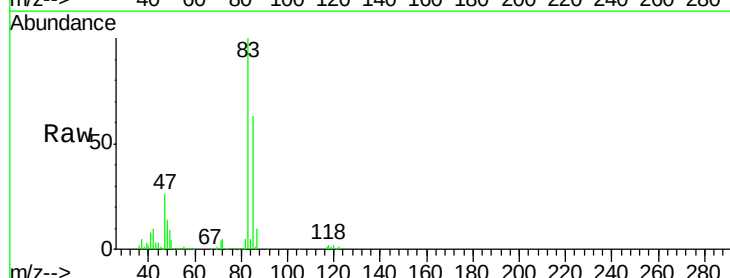
Manual Integrations
APPROVED

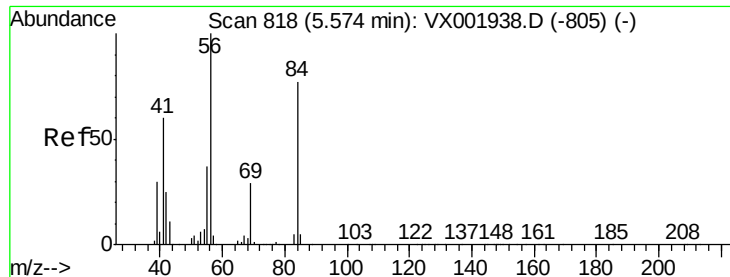
MMDadoda
5/30/2018 1:50:07 PM



#30
Chloroform
Concen: 16.50 ug/l
RT: 5.22 min Scan# 760
Delta R.T. -0.00 min
Lab File: VX002017.D
Acq: 26 May 2018 14:12

Tgt Ion:	83	Resp:	128066
Ion Ratio		Lower	Upper
83	100		
85	62.6	50.9	76.3





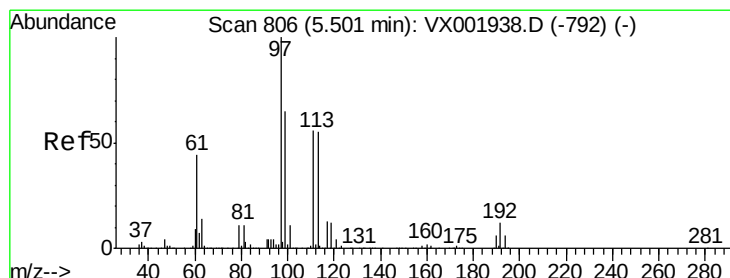
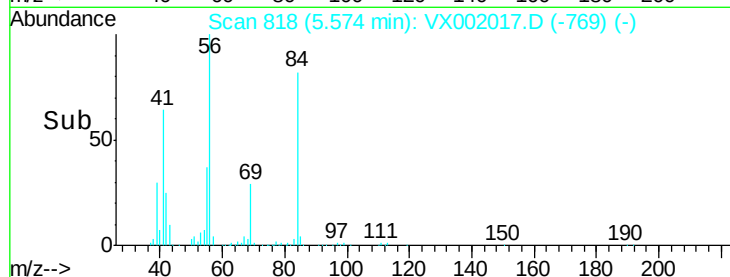
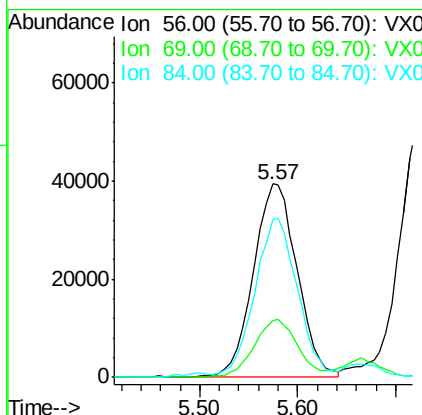
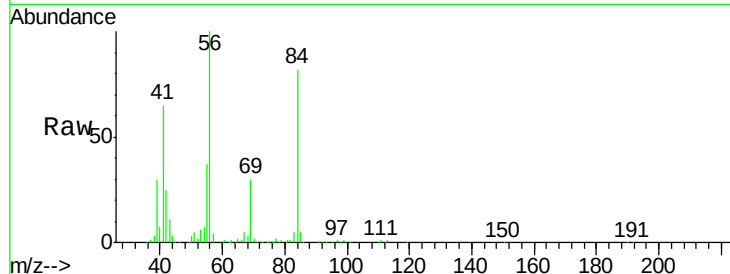
#31
Cyclohexane
Concen: 17.03 ug/l
RT: 5.57 min Scan# 818
Delta R.T. -0.00 min
Lab File: VX002017.D
Acq: 26 May 2018 14:12

Instrument :
MSVOA_X
ClientSampleId :
VX0526WBS01

Tot Ion	Ratio	Lower	Upper
56	100		
69	29.4	23.1	34.7
84	80.1	62.0	93.0

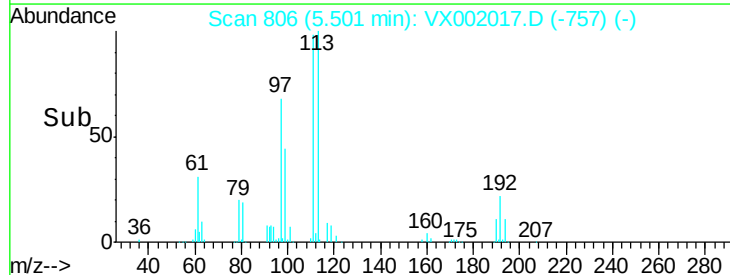
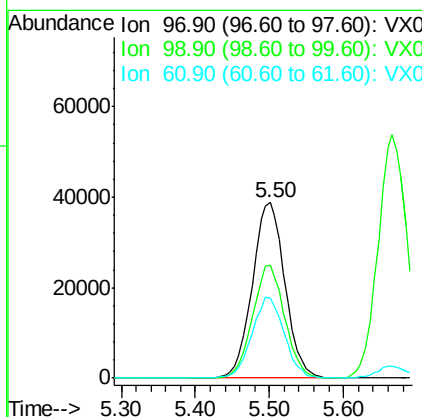
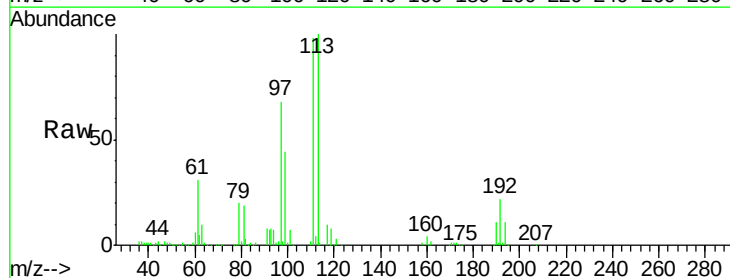
Manual Integrations
APPROVED

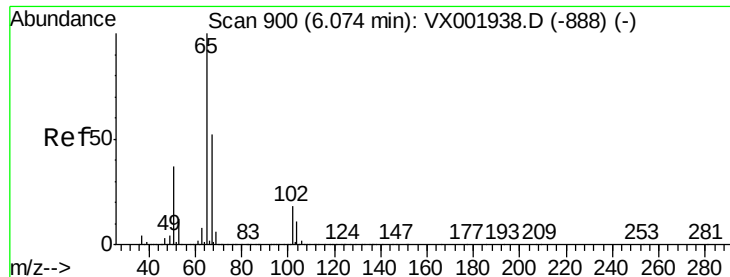
MMDadoda
5/30/2018 1:50:07 PM



#32
1,1,1-Trichloroethane
Concen: 16.47 ug/l
RT: 5.50 min Scan# 806
Delta R.T. -0.00 min
Lab File: VX002017.D
Acq: 26 May 2018 14:12

Tgt Ion	Ratio	Lower	Upper
97	100		
99	63.3	51.9	77.9
61	45.4	35.9	53.9





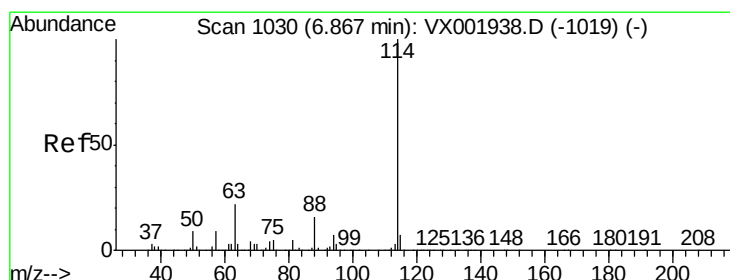
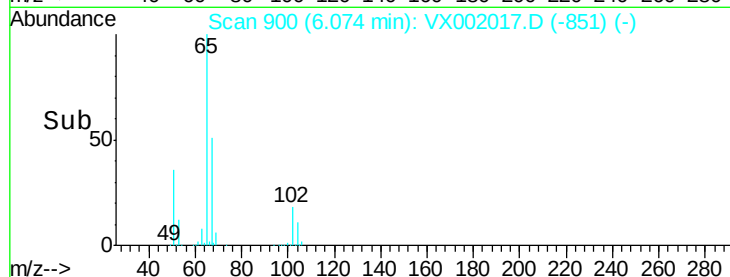
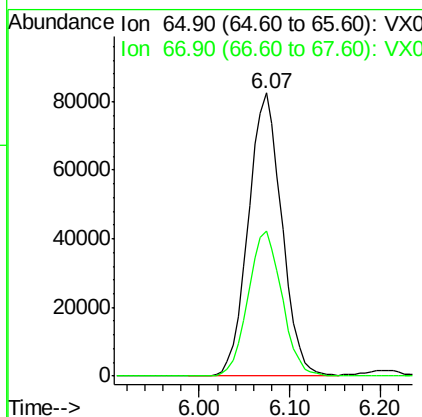
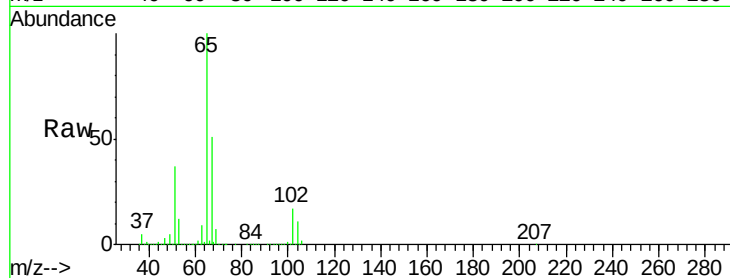
#33
 1,2-Dichloroethane-d4
 Concen: 40.37 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. -0.00 min
 Lab File: VX002017.D
 Acq: 26 May 2018 14:12

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0526WBS01

Tot Ion	Ratio	Resp	Lower	Upper
65	100	210258		
67	52.0	0.0	0.0	104.0

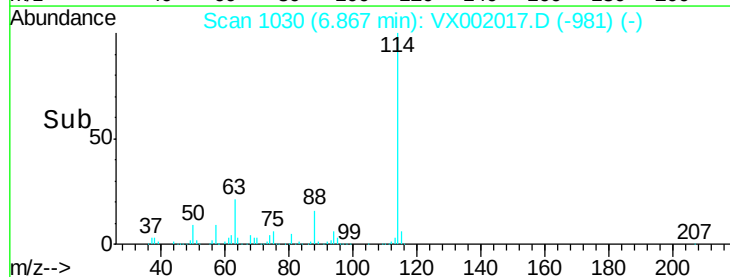
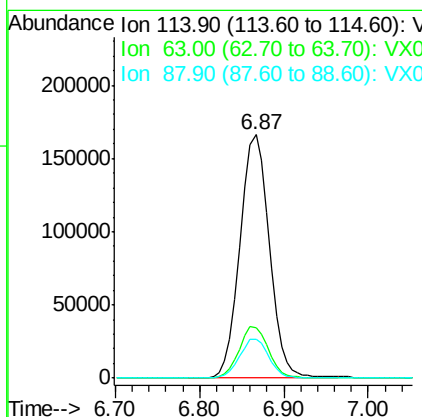
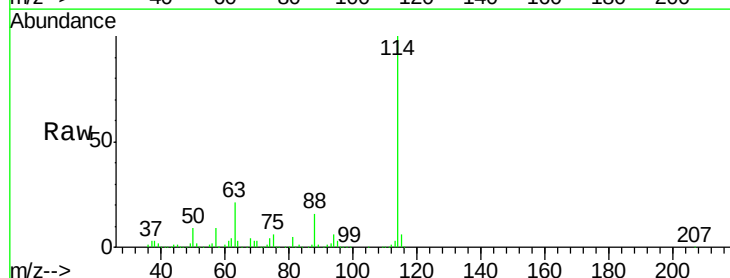
Manual Integrations
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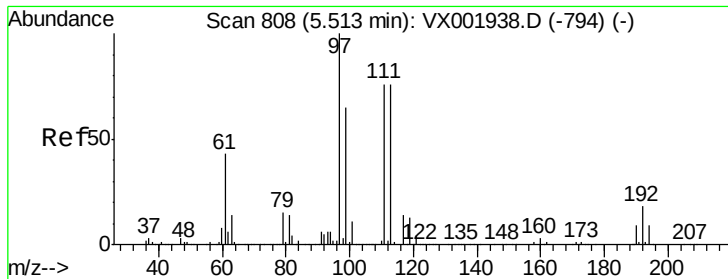
MMDadoda
 5/30/2018 1:50:07 PM



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. -0.00 min
 Lab File: VX002017.D
 Acq: 26 May 2018 14:12

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	392376		
63	20.9	0.0	0.0	43.2
88	15.7	0.0	0.0	31.6





#35

Dibromofluoromethane

Concen: 42.12 ug/l

RT: 5.51 min Scan# 807

Delta R.T. -0.01 min

Lab File: VX002017.D

Acq: 26 May 2018 14:12

Instrument :

MSVOA_X

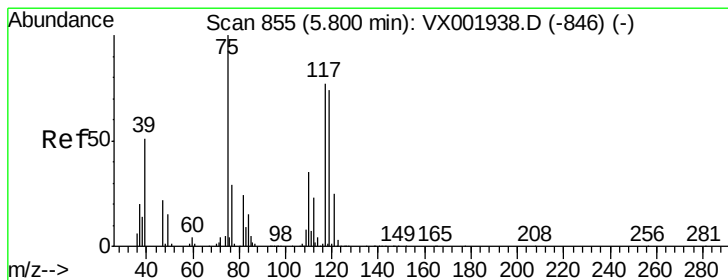
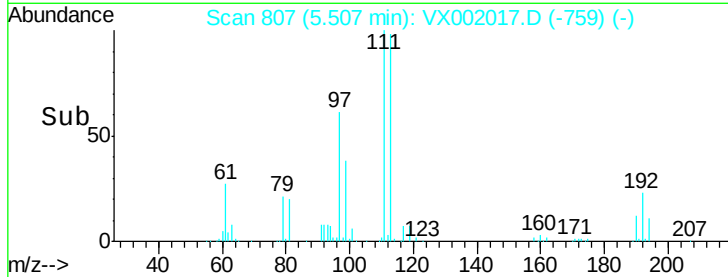
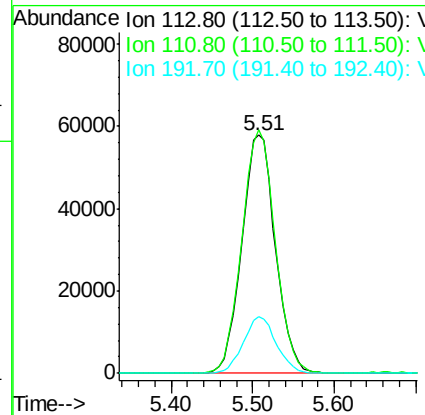
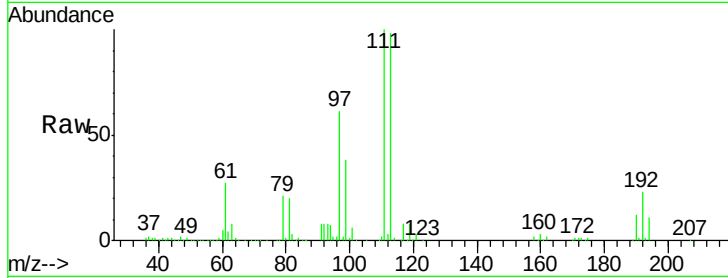
ClientSampleId :

VX0526WBS01

Tot Ion:	113	Resp:	165272
Ion Ratio	Lower	Upper	
113	100		
111	101.5	82.0	123.0
192	23.3	18.9	28.3

Manual Integrations
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MMDadoda
5/30/2018 1:50:07 PM



#36

1,1-Dichloropropene

Concen: 17.32 ug/l

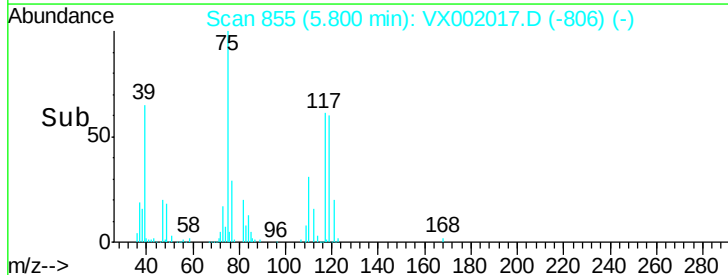
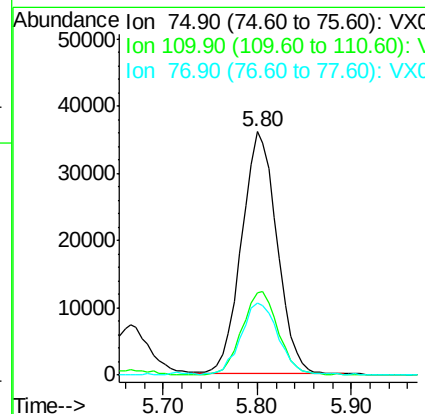
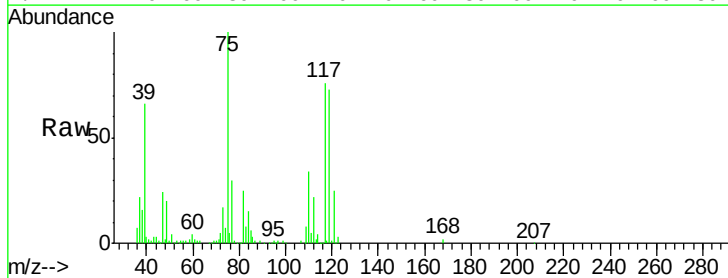
RT: 5.80 min Scan# 855

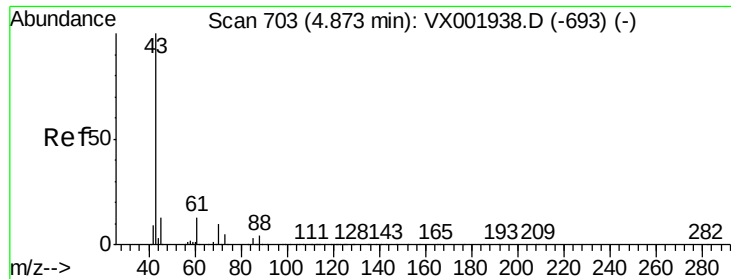
Delta R.T. -0.00 min

Lab File: VX002017.D

Acq: 26 May 2018 14:12

Tgt Ion:	75	Resp:	94513
Ion Ratio	Lower	Upper	
75	100		
110	35.5	17.4	52.2
77	30.8	24.4	36.6





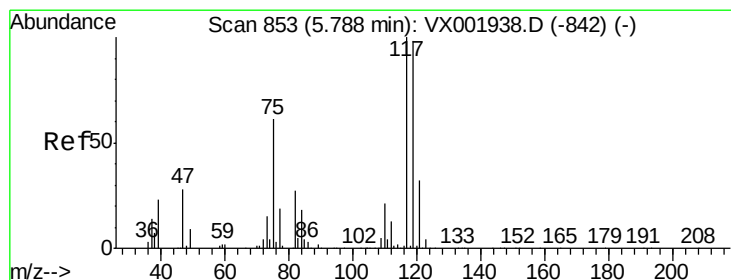
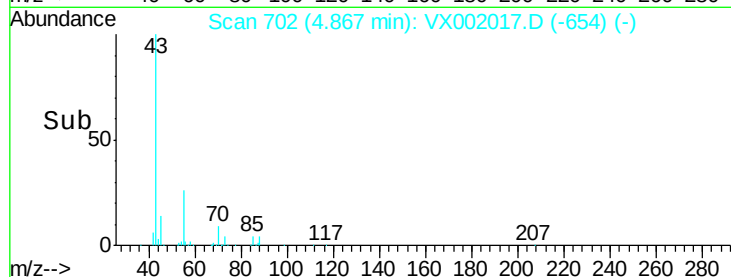
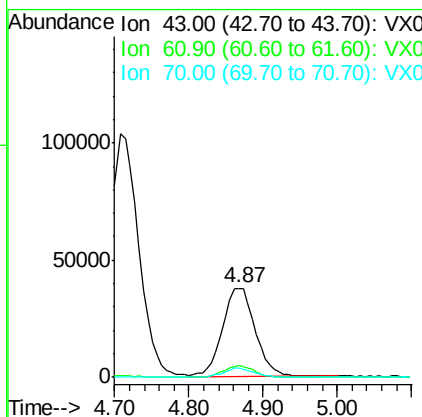
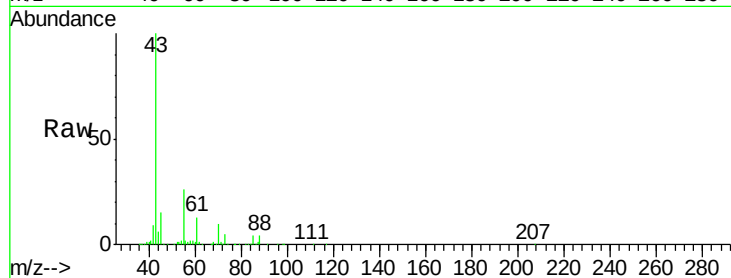
#37
Ethyl Acetate
Concen: 16.25 ug/l
RT: 4.87 min Scan# 702
Delta R.T. -0.01 min
Lab File: VX002017.D
Acq: 26 May 2018 14:12

Instrument :
MSVOA_X
ClientSampleId :
VX0526WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	12.5	10.2	15.2
70	9.2	7.8	11.8

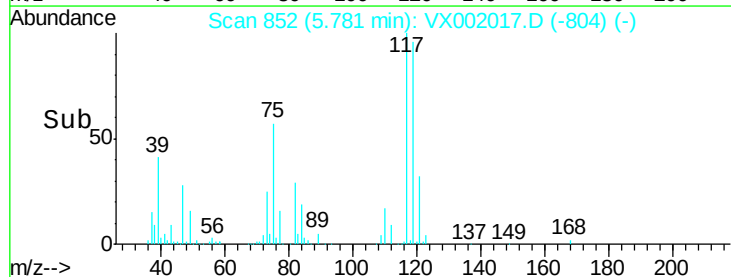
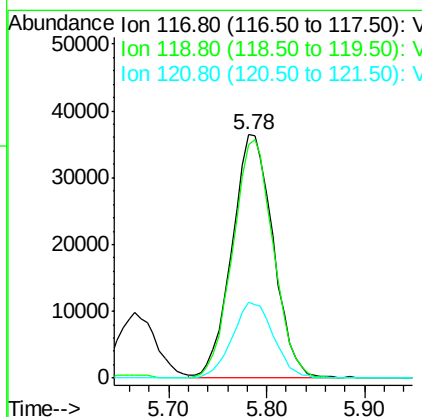
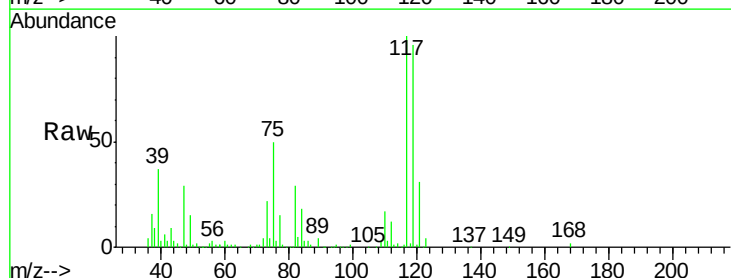
Manual Integrations
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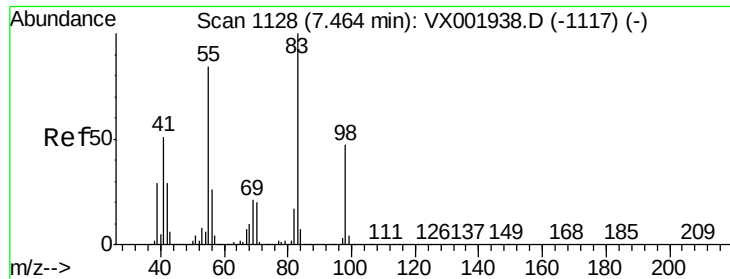
MMDadoda
5/30/2018 1:50:07 PM



#38
Carbon Tetrachloride
Concen: 16.72 ug/l
RT: 5.78 min Scan# 852
Delta R.T. -0.01 min
Lab File: VX002017.D
Acq: 26 May 2018 14:12

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.7	78.5	117.7
121	31.3	25.5	38.3





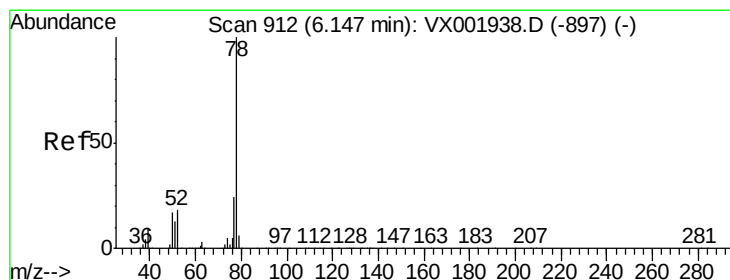
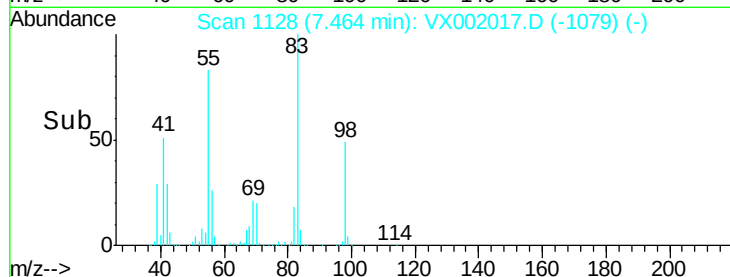
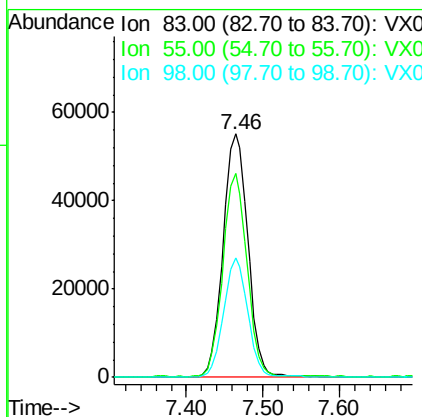
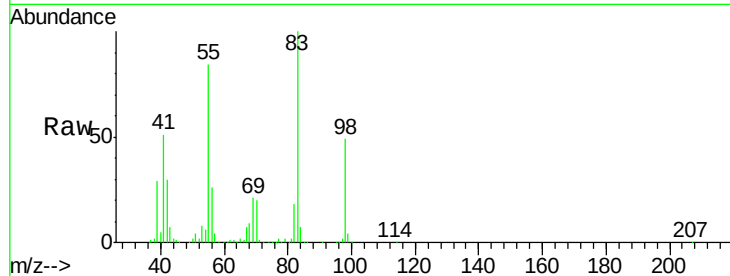
#39
Methylvlcyclohexane
Concen: 18.54 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. -0.00 min
Lab File: VX002017.D
Acq: 26 May 2018 14:12

Instrument :
MSVOA_X
ClientSampleId :
VX0526WBS01

Tot Ion	Ratio	Resp	Lower	Upper
83	100			
55	83.2	67.3	100.9	
98	49.3	37.5	56.3	

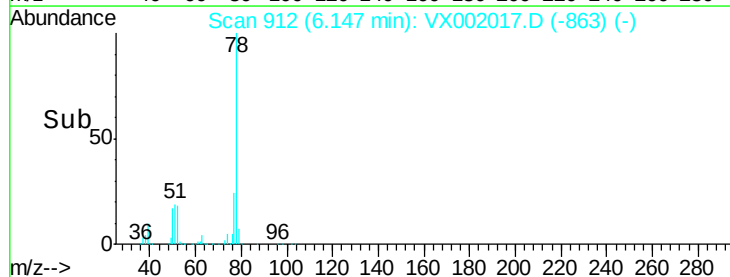
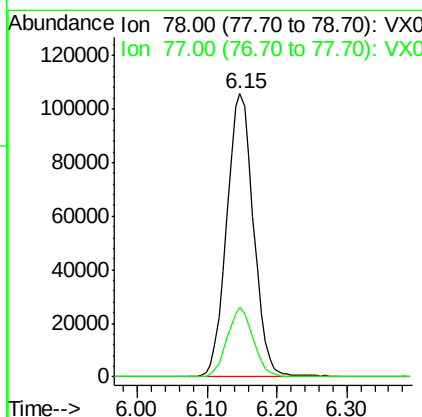
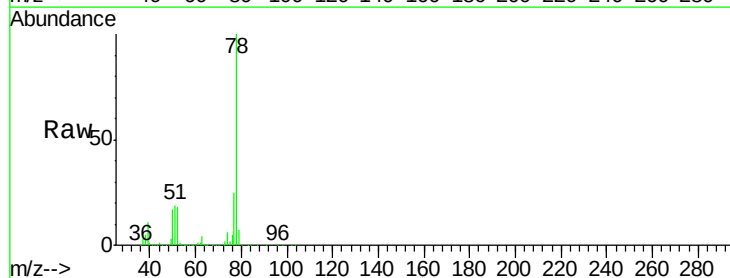
Manual Integrations
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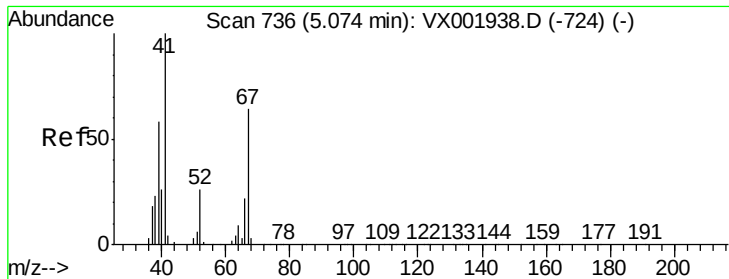
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5/30/2018 1:50:07 PM



#40
Benzene
Concen: 17.63 ug/l
RT: 6.15 min Scan# 912
Delta R.T. -0.00 min
Lab File: VX002017.D
Acq: 26 May 2018 14:12

Tgt Ion	Ratio	Resp	Lower	Upper
78	100			
77	24.7	19.1	28.7	





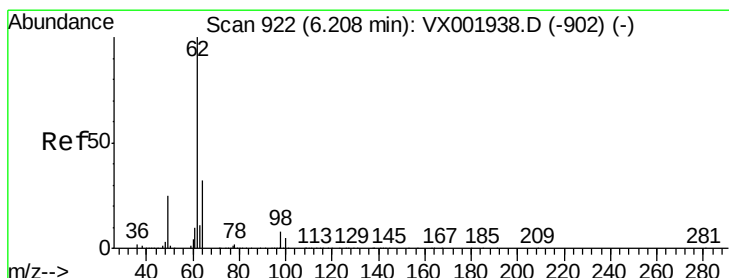
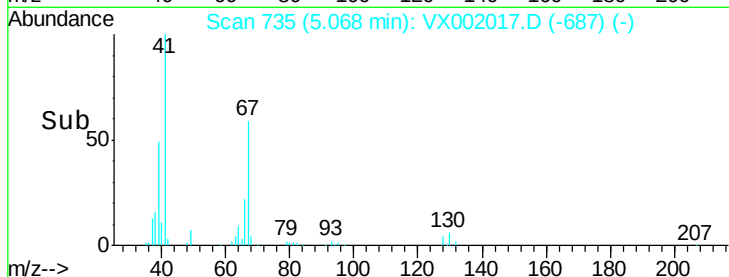
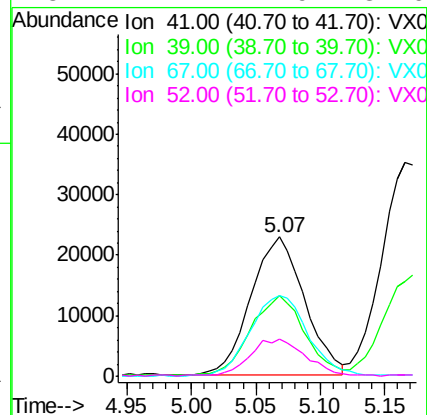
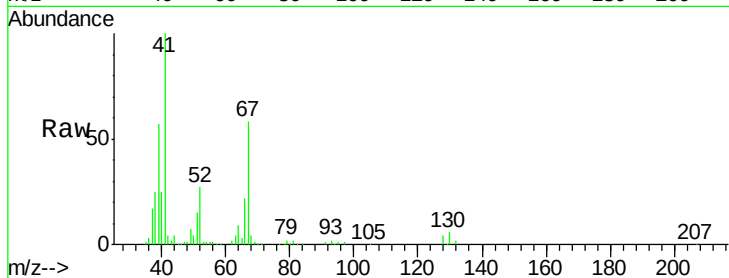
#41
Methacrylonitrile
Concen: 16.66 ug/l
RT: 5.07 min Scan# 735
Delta R.T. -0.01 min
Lab File: VX002017.D
Acq: 26 May 2018 14:12

Instrument :
MSVOA_X
ClientSampleId :
VX0526WBS01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
41	100		65963		
39	56.9	46.0	69.0		
67	62.9	50.6	75.8		
52	27.7	21.9	32.9		

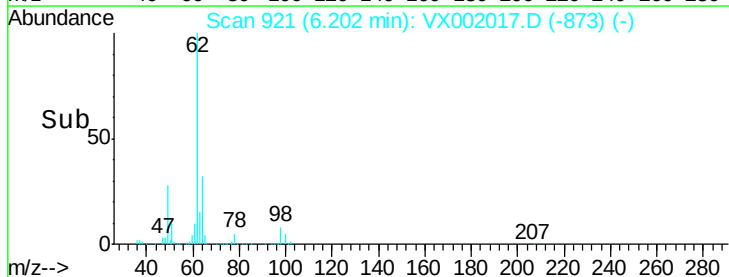
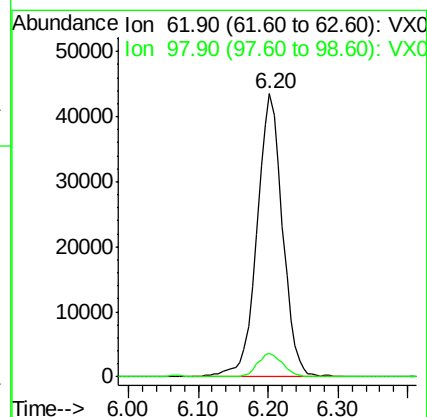
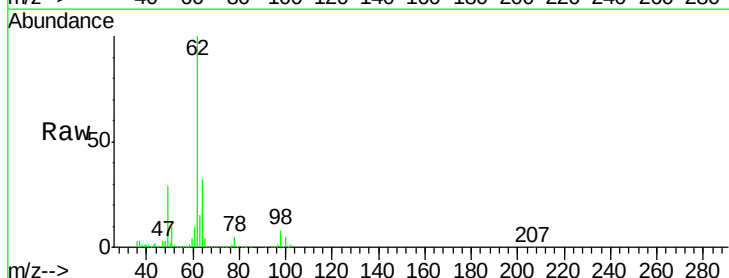
Manual Integrations
APPROVED

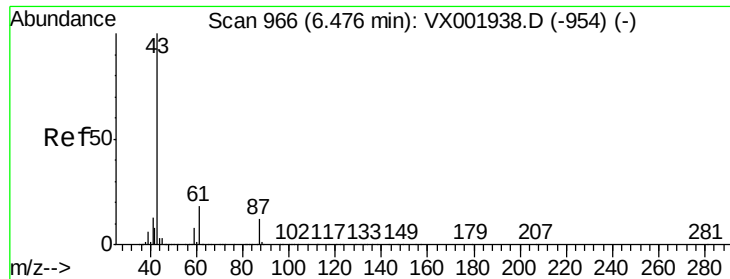
MMDadoda
5/30/2018 1:50:07 PM



#42
1,2-Dichloroethane
Concen: 17.14 ug/l
RT: 6.20 min Scan# 921
Delta R.T. -0.01 min
Lab File: VX002017.D
Acq: 26 May 2018 14:12

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
62	100		109501		
98	8.6	0.0	17.0		





#43

Isopropyl Acetate

Concen: 16.84 ug/l

RT: 6.47 min Scan# 965

Delta R.T. -0.01 min

Lab File: VX002017.D

Acq: 26 May 2018 14:12

Instrument :

MSVOA_X

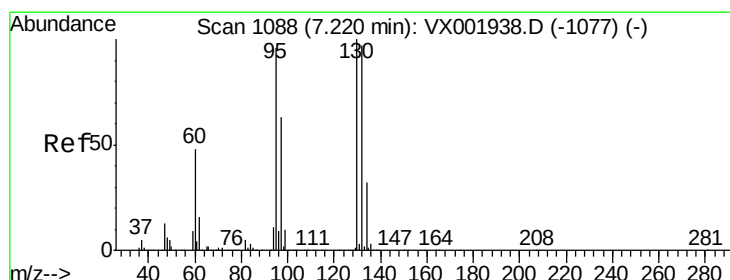
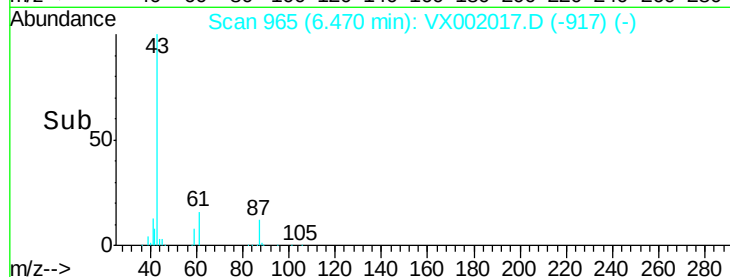
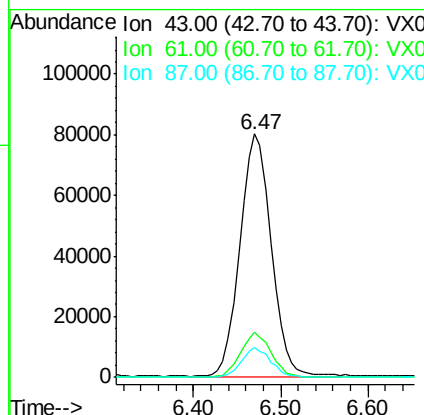
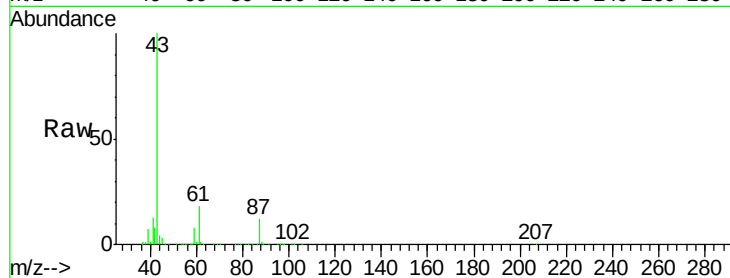
ClientSampleId :

VX0526WBS01

Tot Ion:	43	Resp:	199703
Ion	Ratio	Lower	Upper
43	100		
61	18.2	14.5	21.7
87	11.5	9.5	14.3

Manual Integrations
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MMDadoda
5/30/2018 1:50:07 PM



#44

Trichloroethene

Concen: 17.57 ug/l

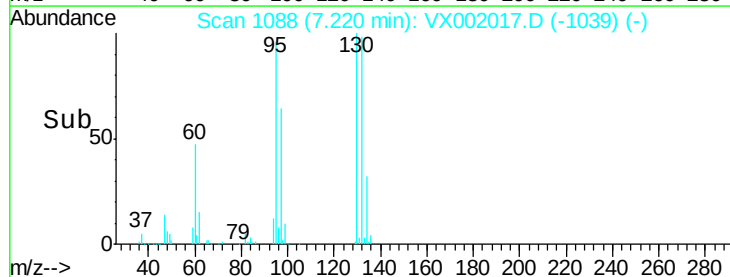
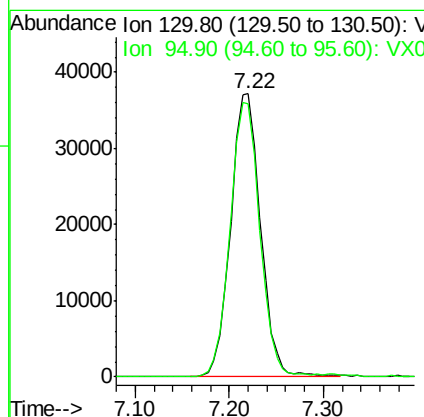
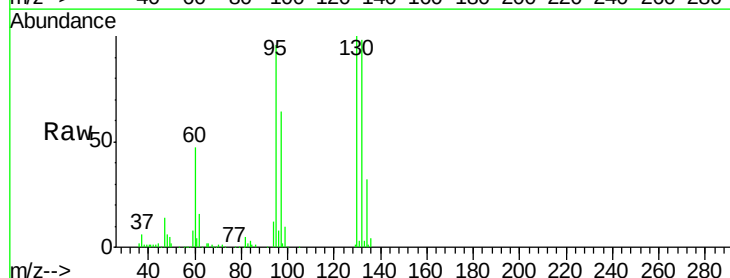
RT: 7.22 min Scan# 1088

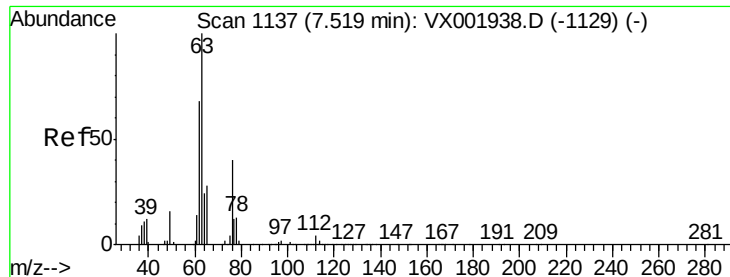
Delta R.T. -0.00 min

Lab File: VX002017.D

Acq: 26 May 2018 14:12

Tgt Ion:	130	Resp:	81878
Ion	Ratio	Lower	Upper
130	100		
95	96.0	0.0	192.0





#45

1,2-Dichloropropane

Concen: 17.52 ug/l

RT: 7.52 min Scan# 1137

Delta R.T. -0.00 min

Lab File: VX002017.D

Acq: 26 May 2018 14:12

Instrument :

MSVOA_X

ClientSampleId :

VX0526WBS01

Tot Ion: 63 Resp: 76080

Ion Ratio Lower Upper

63 100

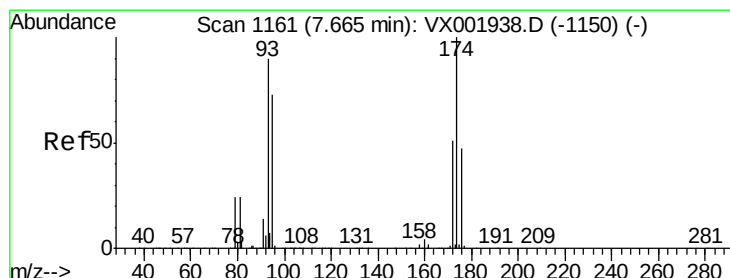
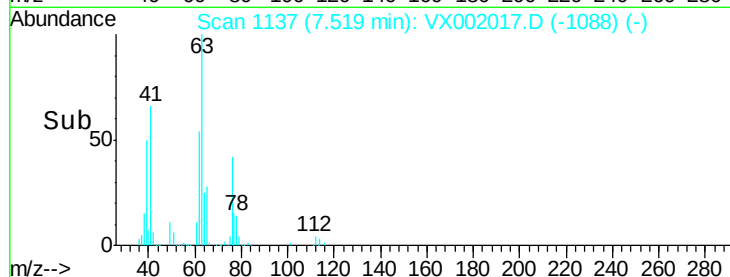
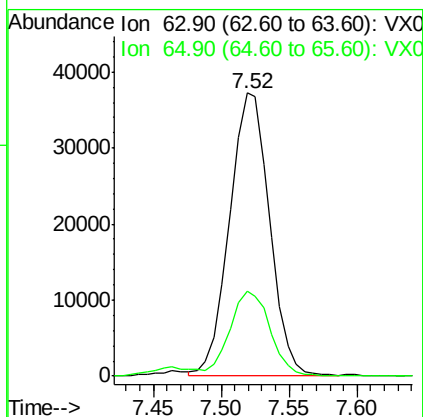
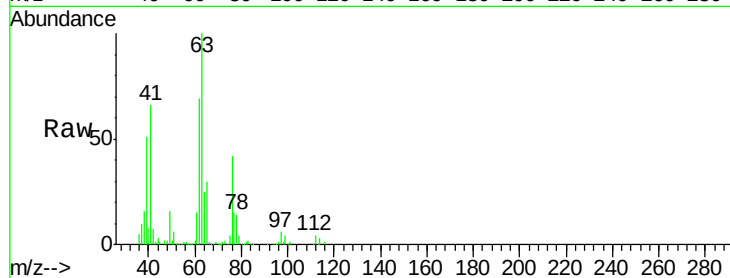
65 29.8 24.1 36.1

Manual Integrations

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5/30/2018 1:50:07 PM



#46

Dibromomethane

Concen: 17.43 ug/l

RT: 7.67 min Scan# 1161

Delta R.T. -0.00 min

Lab File: VX002017.D

Acq: 26 May 2018 14:12

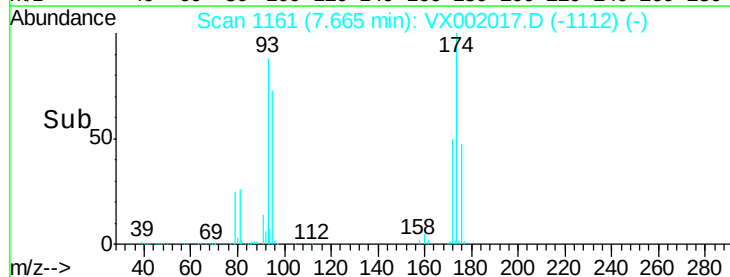
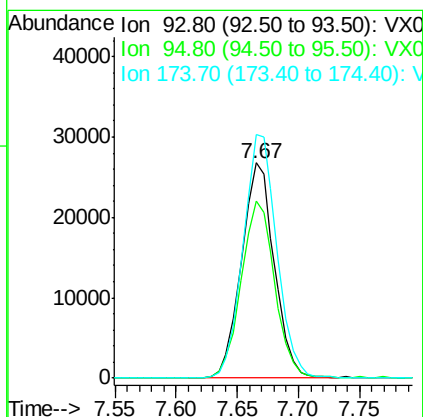
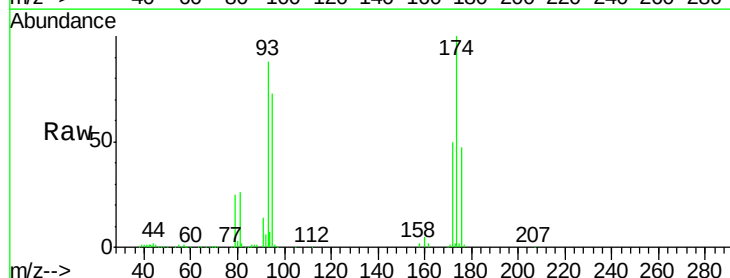
Tgt Ion: 93 Resp: 50121

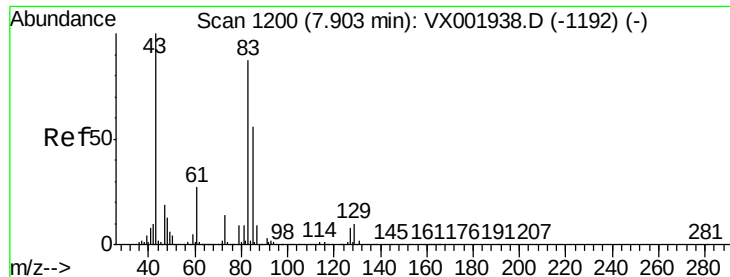
Ion Ratio Lower Upper

93 100

95 84.2 66.1 99.1

174 115.9 92.5 138.7





#47

Bromodichloromethane

Concen: 16.57 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. -0.00 min

Lab File: VX002017.D

Acq: 26 May 2018 14:12

Instrument :

MSVOA_X

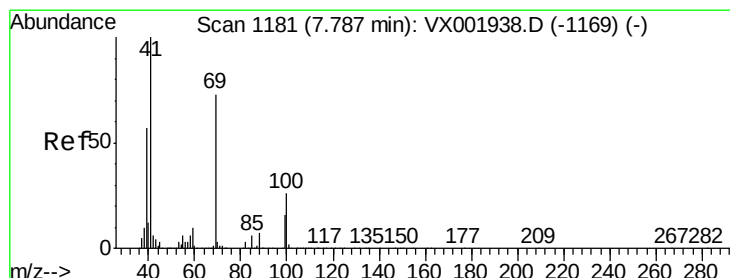
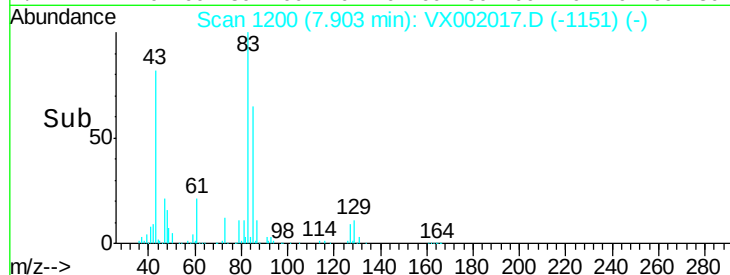
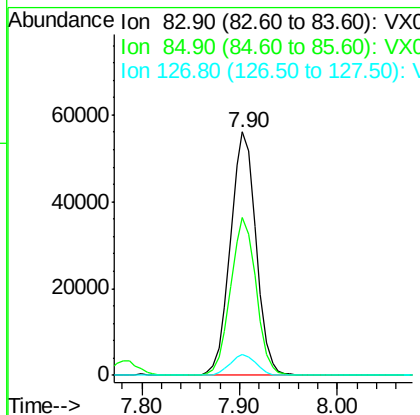
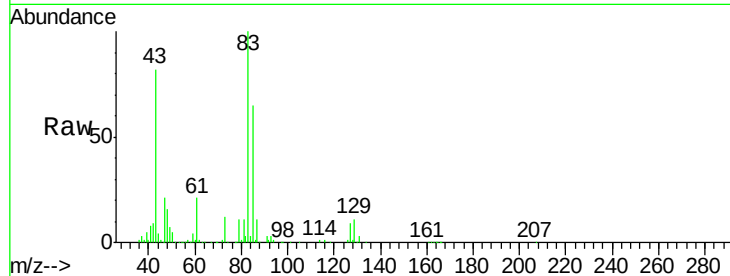
ClientSampleId :

VX0526WBS01

Tot Ion:	83	Resp:	101591
Ion Ratio	Lower	Upper	
83	100		
85	64.8	51.4	77.2
127	8.8	7.1	10.7

Manual Integrations
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#48

Methyl methacrylate

Concen: 16.78 ug/l

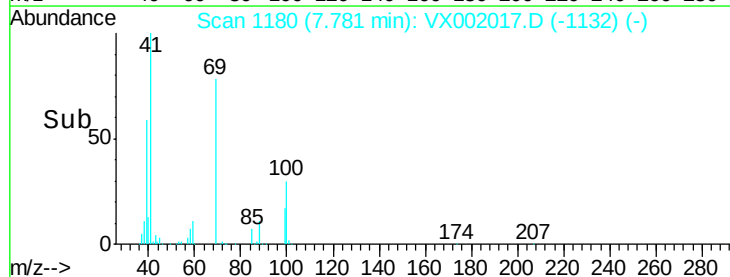
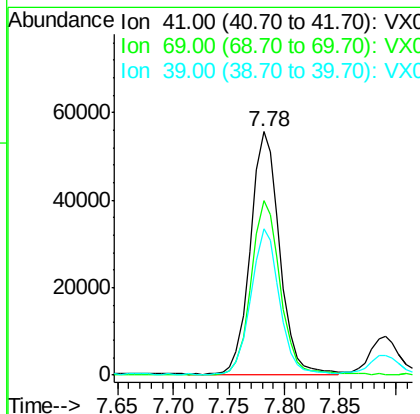
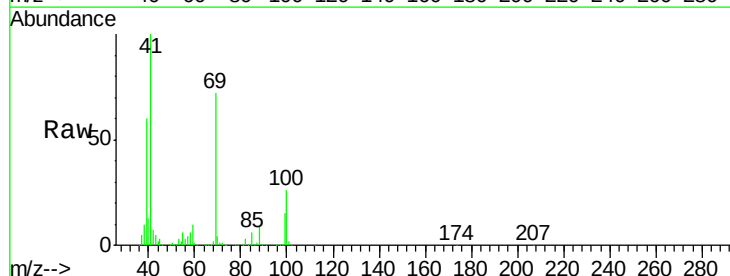
RT: 7.78 min Scan# 1180

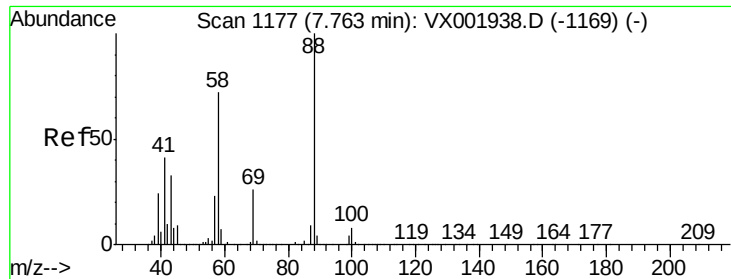
Delta R.T. -0.01 min

Lab File: VX002017.D

Acq: 26 May 2018 14:12

Tgt Ion:	41	Resp:	101263
Ion Ratio	Lower	Upper	
41	100		
69	72.0	58.6	87.8
39	58.3	46.3	69.5





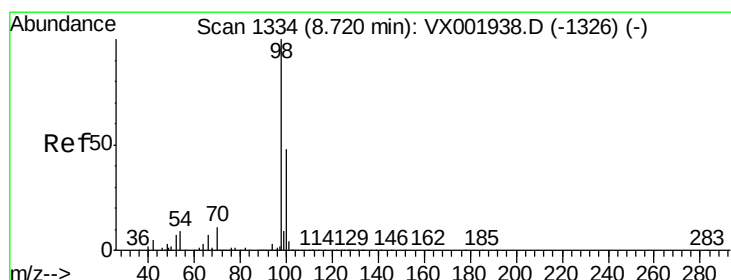
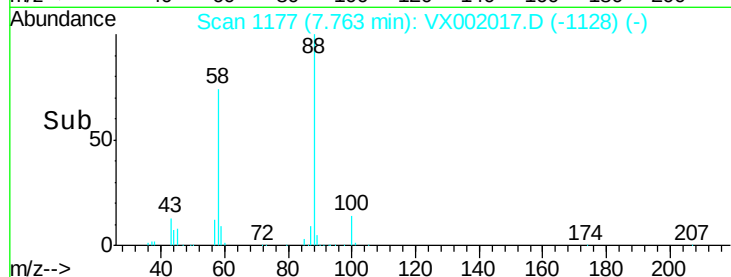
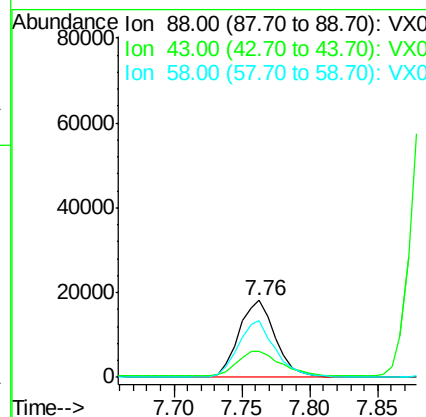
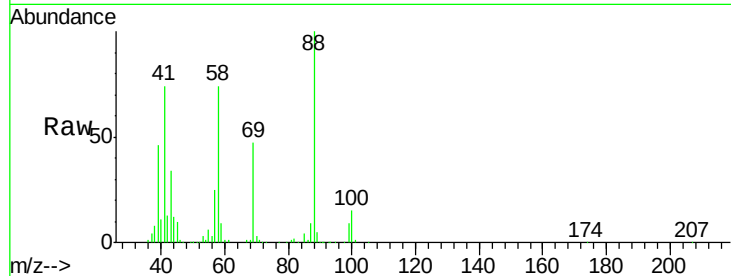
#49
1,4-Dioxane
Concen: 319.85 ug/l
RT: 7.76 min Scan# 1177
Delta R.T. -0.00 min
Lab File: VX002017.D
Acq: 26 May 2018 14:12

Instrument :
MSVOA_X
ClientSampleId :
VX0526WBS01

Tot Ion	Ratio	Lower	Upper
88	100		
43	38.8	29.8	44.8
58	75.5	58.7	88.1

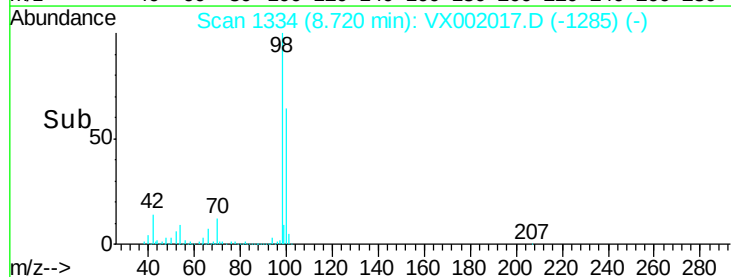
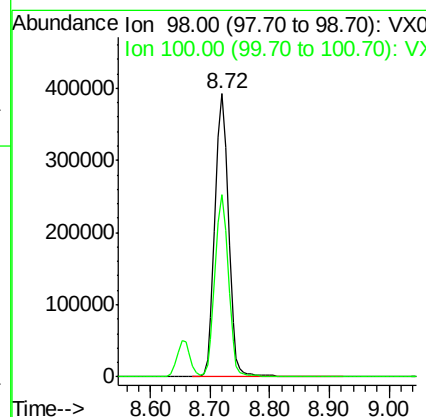
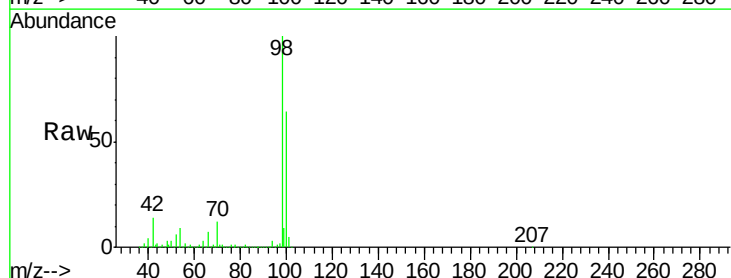
Manual Integrations
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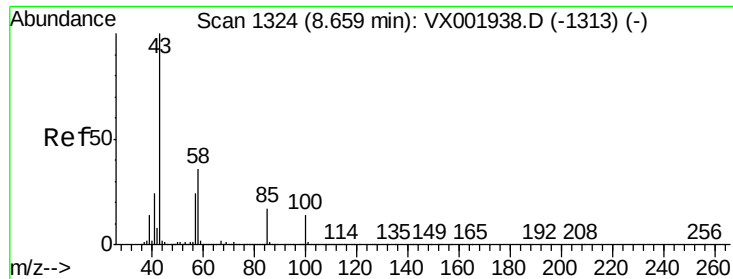
MMDadoda
5/30/2018 1:50:07 PM



#50
Toluene-d8
Concen: 43.28 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX002017.D
Acq: 26 May 2018 14:12

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.1	51.5	77.3





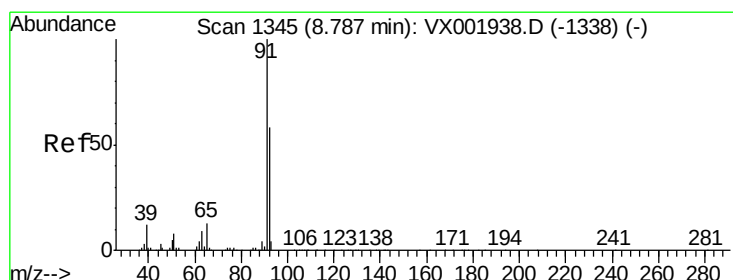
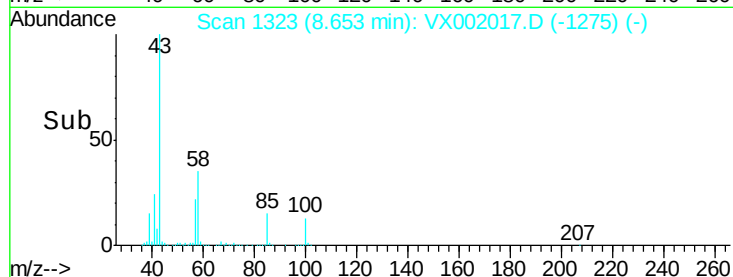
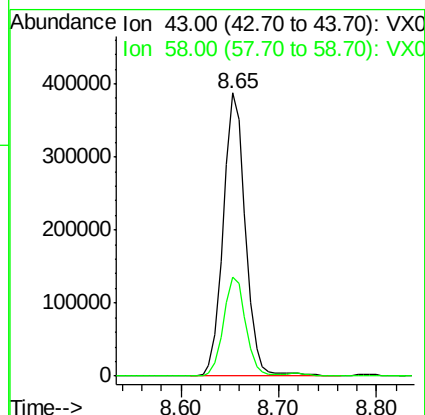
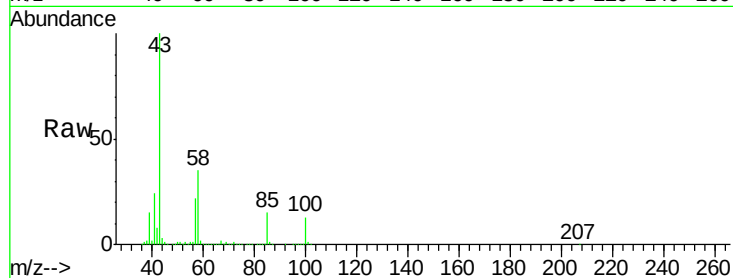
#51
4-Methyl-2-Pentanone
Concen: 85.27 ug/l
RT: 8.65 min Scan# 1323
Delta R.T. -0.01 min
Lab File: VX002017.D
Acq: 26 May 2018 14:12

Instrument :
MSVOA_X
ClientSampleId :
VX0526WBS01

Tot Ion	43	Resp	609416
Ion Ratio	100	Lower	Upper
43	100		
58	35.0	28.5	42.7

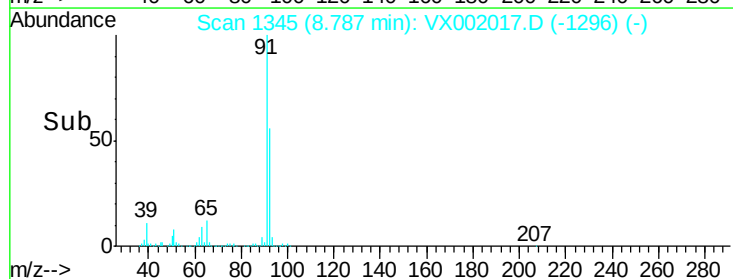
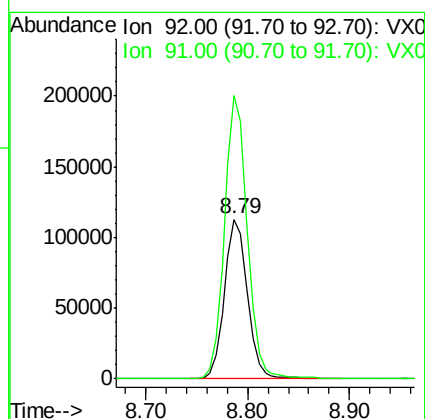
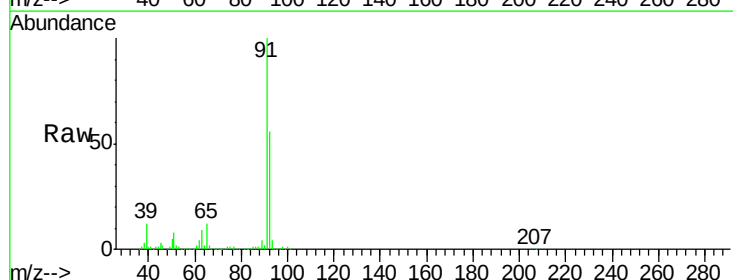
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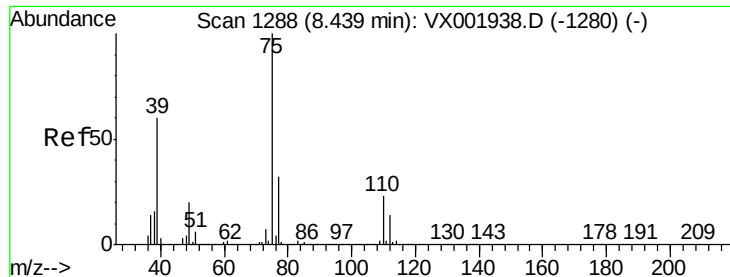
MMDadoda
5/30/2018 1:50:07 PM



#52
Toluene
Concen: 17.40 ug/l
RT: 8.79 min Scan# 1345
Delta R.T. -0.00 min
Lab File: VX002017.D
Acq: 26 May 2018 14:12

Tgt Ion	92	Resp	177031
Ion Ratio	100	Lower	Upper
92	100		
91	175.4	139.4	209.2





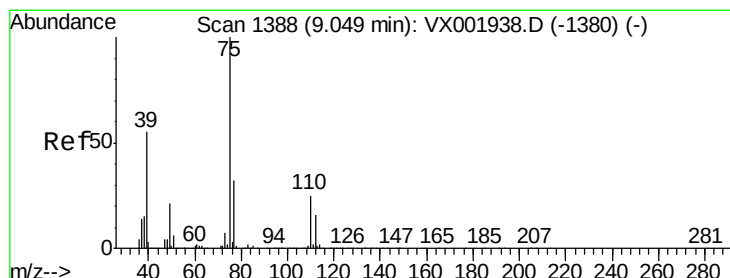
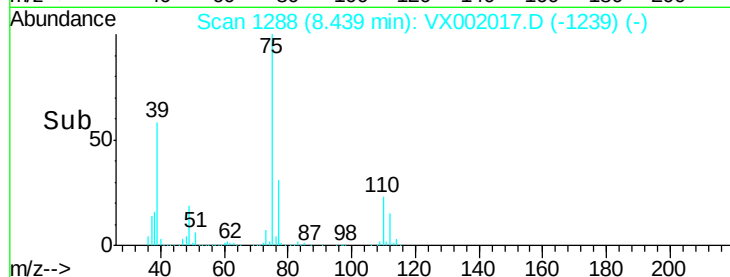
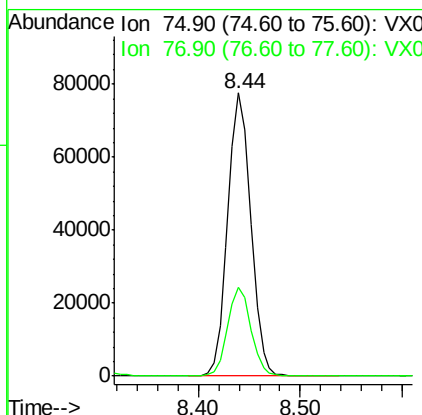
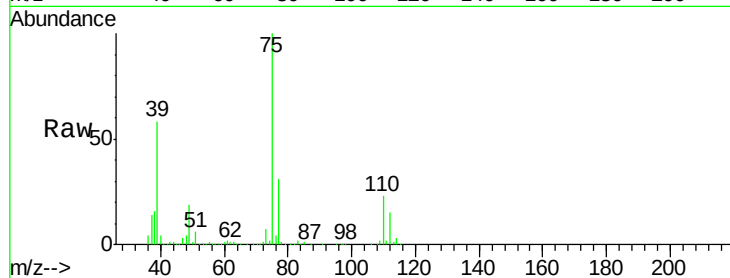
#53
t-1,3-Dichloropropene
Concen: 17.22 ug/l
RT: 8.44 min Scan# 1288
Delta R.T. -0.00 min
Lab File: VX002017.D
Acq: 26 May 2018 14:12

Instrument :
MSVOA_X
ClientSampleId :
VX0526WBS01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
75	75	100	121590		
77	77	31.1	25.5	38.3	

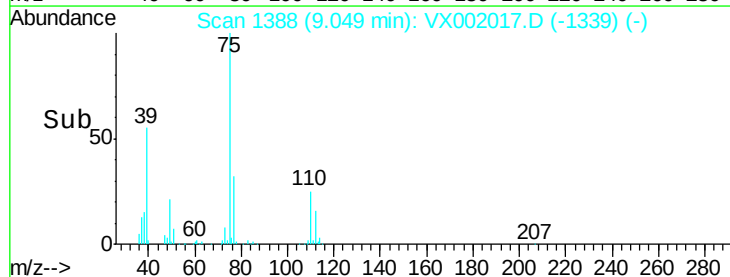
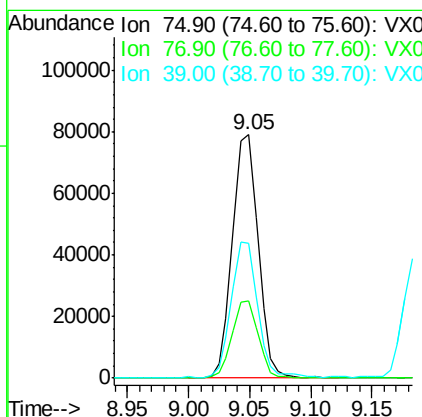
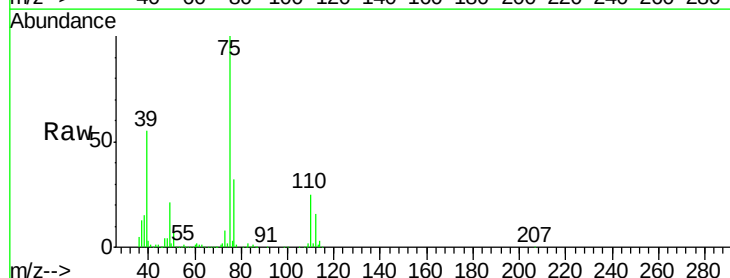
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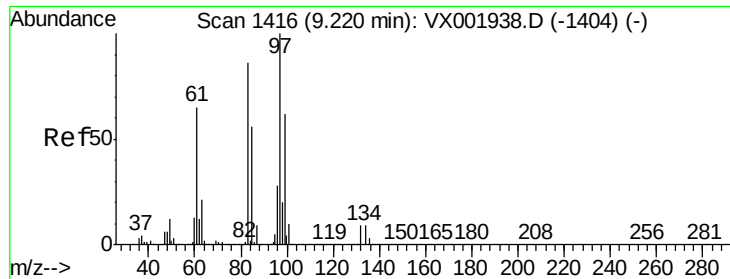
MMDadoda
5/30/2018 1:50:07 PM



#54
cis-1,3-Dichloropropene
Concen: 16.76 ug/l
RT: 9.05 min Scan# 1388
Delta R.T. -0.00 min
Lab File: VX002017.D
Acq: 26 May 2018 14:12

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
75	75	100	115328		
77	77	31.8	25.4	38.0	
39	39	55.0	44.1	66.1	





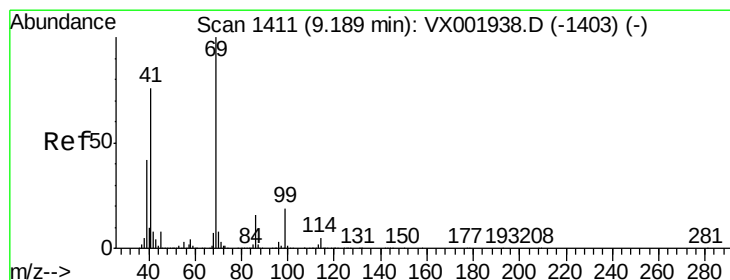
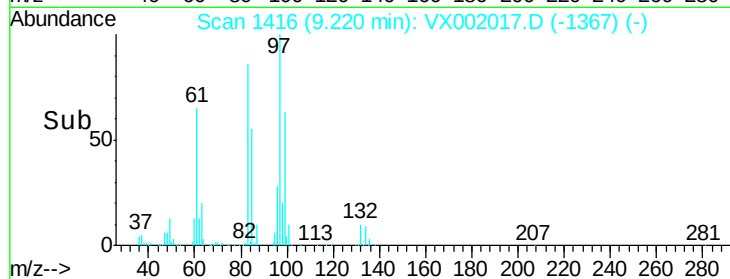
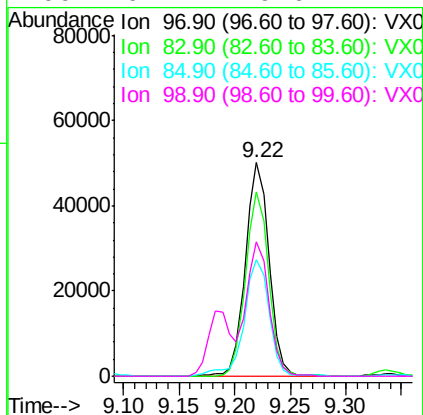
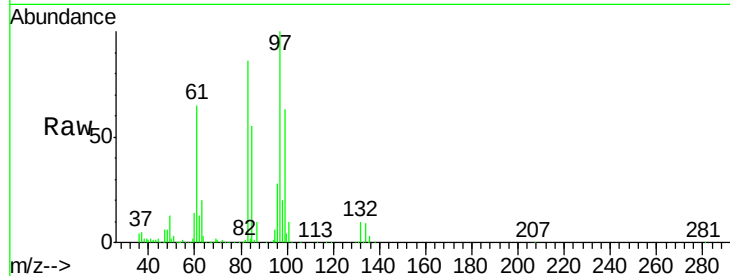
#55
 1,1,2-Trichloroethane
 Concen: 17.50 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. -0.00 min
 Lab File: VX002017.D
 Acq: 26 May 2018 14:12

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0526WBS01

Tot Ion	97	Resp	74379
Ion	Ratio	Lower	Upper
97	100		
83	86.2	69.1	103.7
85	54.4	45.2	67.8
99	62.7	49.6	74.4

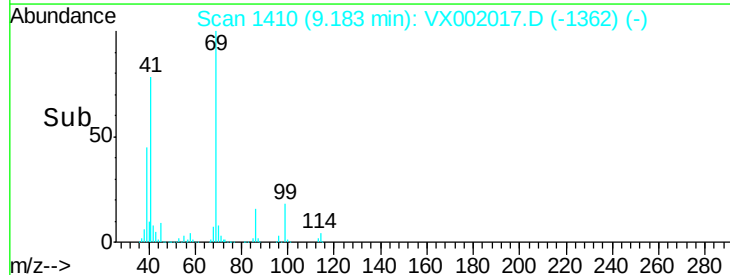
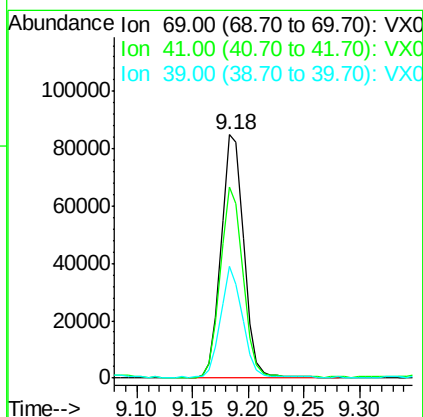
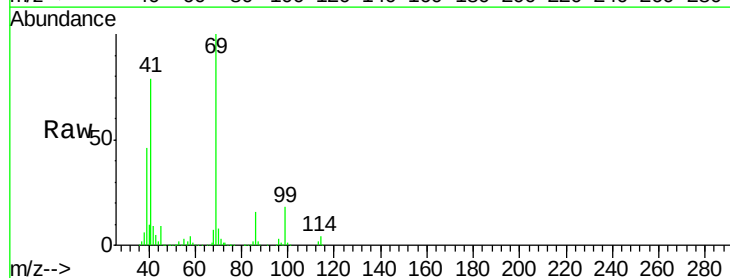
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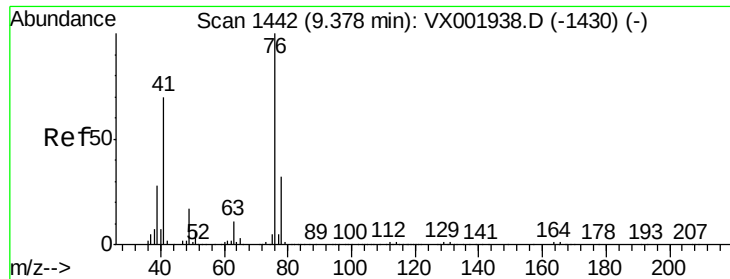
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 5/30/2018 1:50:07 PM



#56
 Ethyl methacrylate
 Concen: 16.48 ug/l
 RT: 9.18 min Scan# 1410
 Delta R.T. -0.01 min
 Lab File: VX002017.D
 Acq: 26 May 2018 14:12

Tgt Ion	69	Resp	120472
Ion	Ratio	Lower	Upper
69	100		
41	77.7	61.0	91.6
39	43.4	34.4	51.6





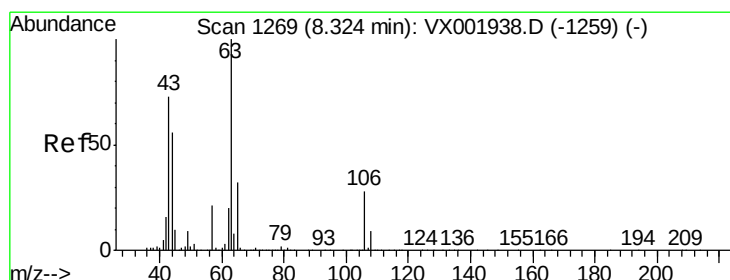
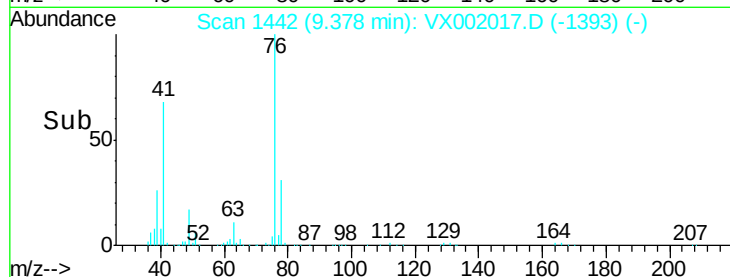
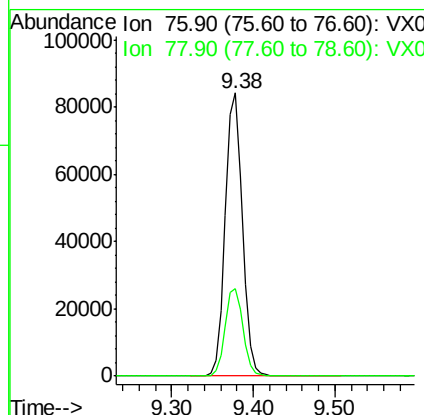
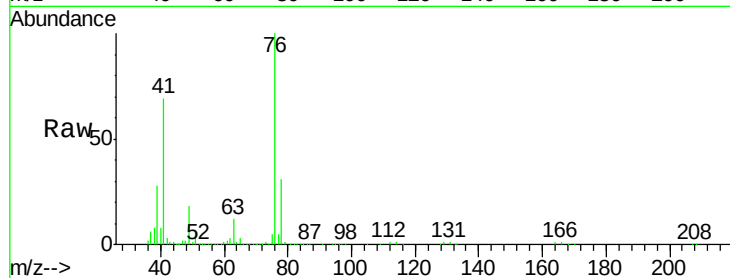
#57
 1,3-Dichloropropane
 Concen: 17.55 ug/l
 RT: 9.38 min Scan# 1442
 Delta R.T. -0.00 min
 Lab File: VX002017.D
 Acq: 26 May 2018 14:12

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0526WBS01

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.3	25.6	38.4

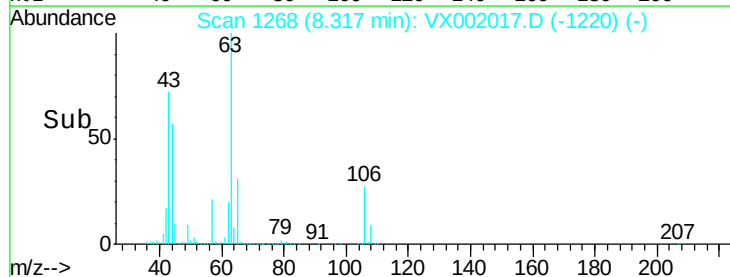
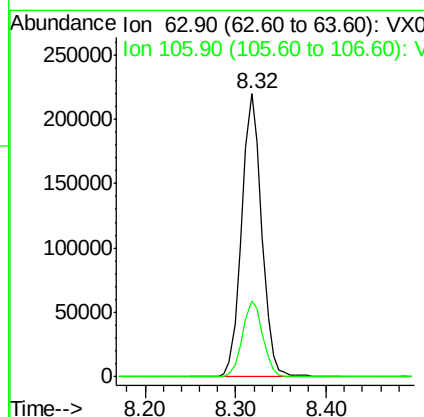
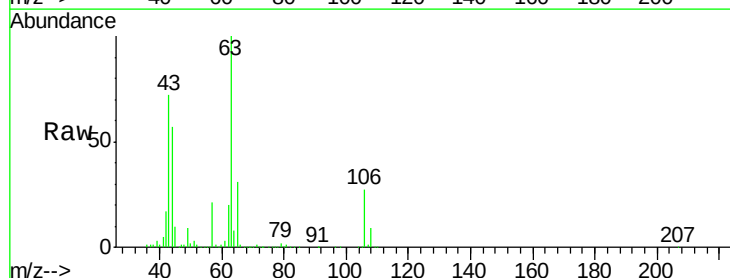
Manual Integrations
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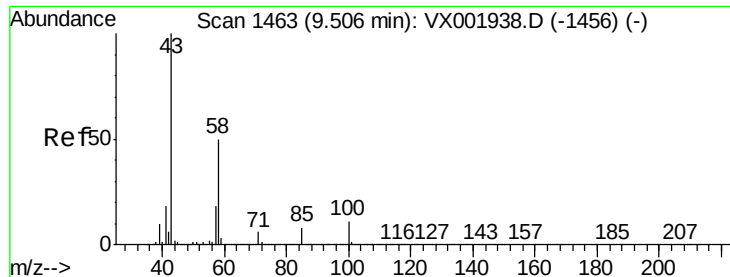
MMDadoda
 5/30/2018 1:50:07 PM



#58
 2-Chloroethyl Vinyl ether
 Concen: 104.16 ug/l
 RT: 8.32 min Scan# 1268
 Delta R.T. -0.01 min
 Lab File: VX002017.D
 Acq: 26 May 2018 14:12

Tgt Ion	Ratio	Lower	Upper
63	100		
106	27.3	21.7	32.5





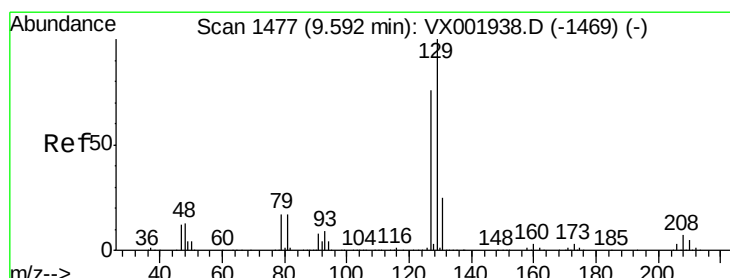
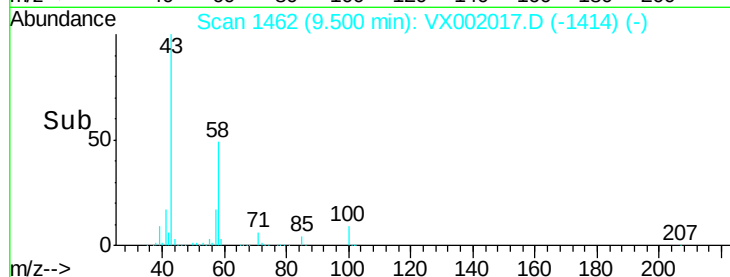
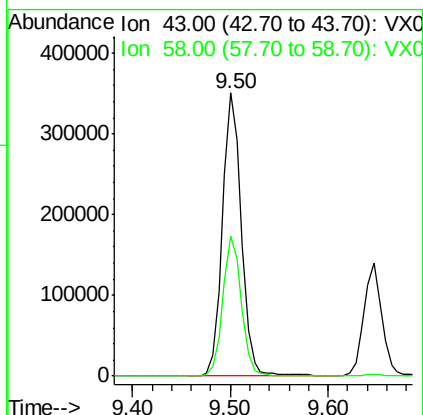
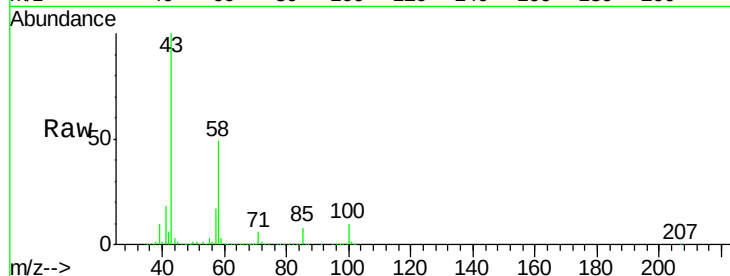
#59
2-Hexanone
Concen: 85.26 ug/l
RT: 9.50 min Scan# 1462
Delta R.T. -0.01 min
Lab File: VX002017.D
Acq: 26 May 2018 14:12

Instrument :
MSVOA_X
ClientSampleId :
VX0526WBS01

Tot Ion: 43 Resp: 469820
Ion Ratio Lower Upper
43 100
58 48.7 24.9 74.6

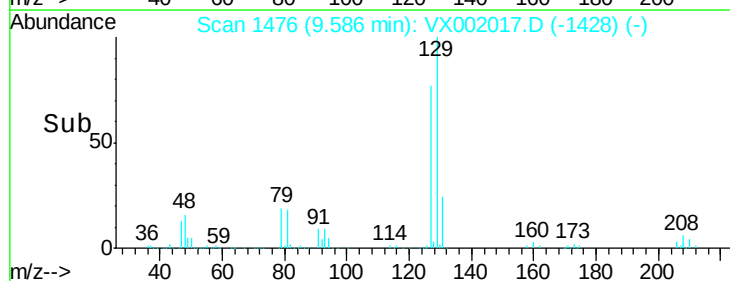
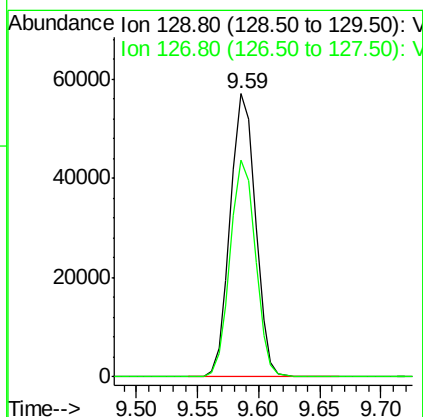
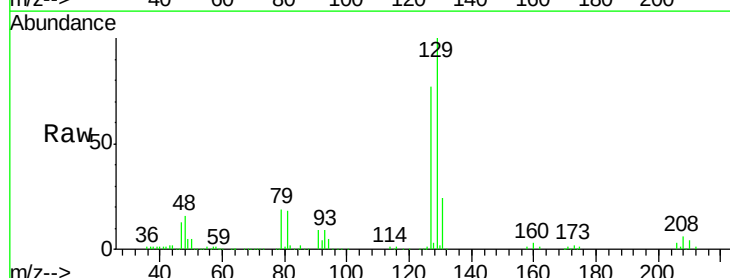
Manual Integrations
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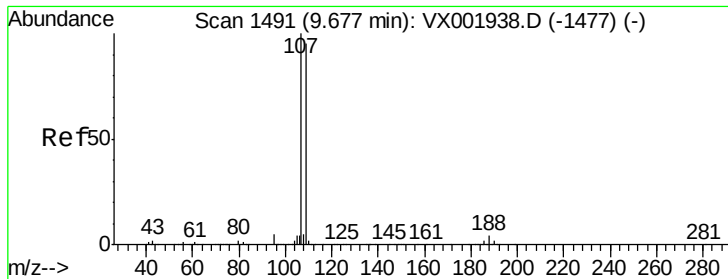
MMDadoda
5/30/2018 1:50:07 PM



#60
Dibromochloromethane
Concen: 16.19 ug/l
RT: 9.59 min Scan# 1476
Delta R.T. -0.01 min
Lab File: VX002017.D
Acq: 26 May 2018 14:12

Tgt Ion: 129 Resp: 81493
Ion Ratio Lower Upper
129 100
127 76.7 38.3 114.9





#61

1,2-Dibromoethane

Concen: 17.23 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. -0.00 min

Lab File: VX002017.D

Acq: 26 May 2018 14:12

Instrument :

MSVOA_X

ClientSampleId :

VX0526WBS01

Tot Ion:107 Resp: 76855

Ion Ratio Lower Upper

107 100

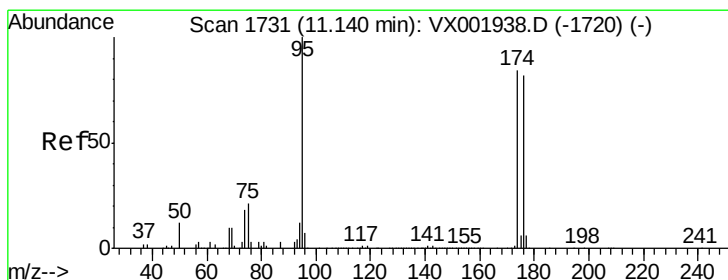
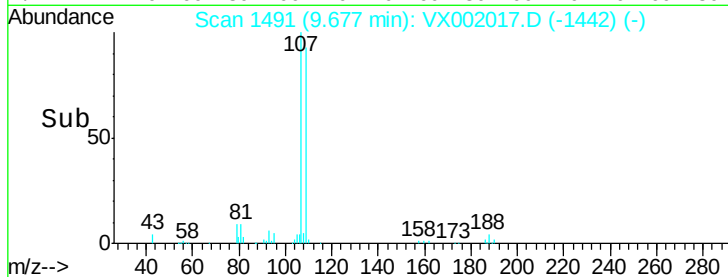
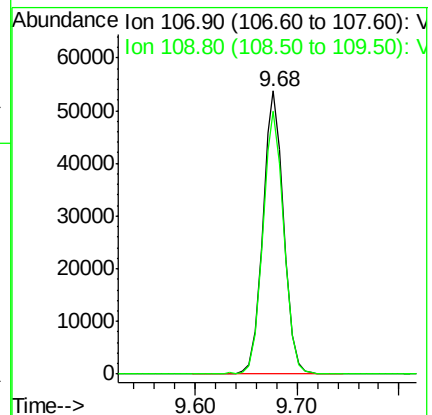
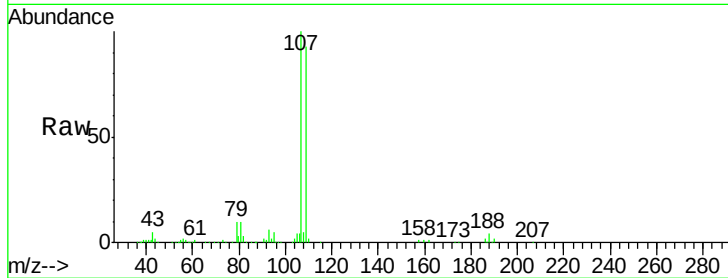
109 94.4 75.3 112.9

Manual Integrations

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5/30/2018 1:50:07 PM



#62

4-Bromofluorobenzene

Concen: 42.27 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX002017.D

Acq: 26 May 2018 14:12

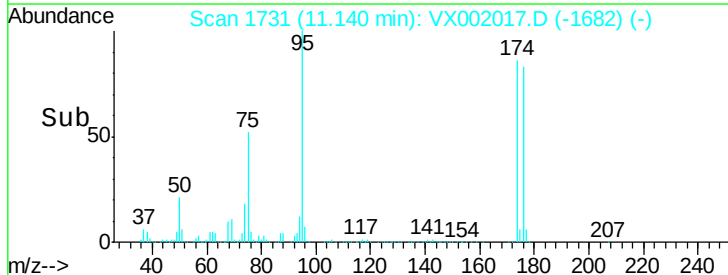
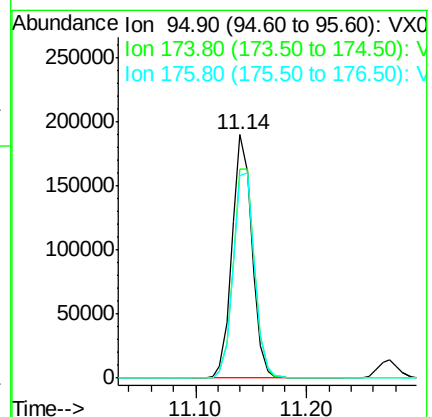
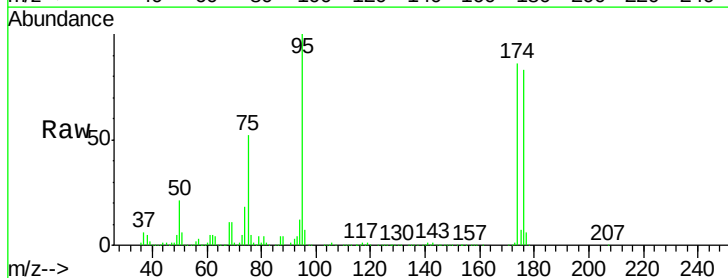
Tgt Ion: 95 Resp: 234910

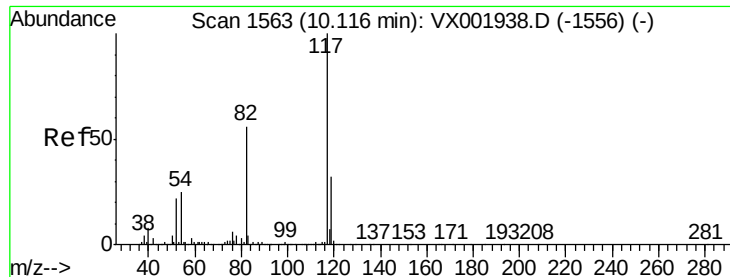
Ion Ratio Lower Upper

95 100

174 91.3 0.0 178.8

176 89.6 0.0 175.6





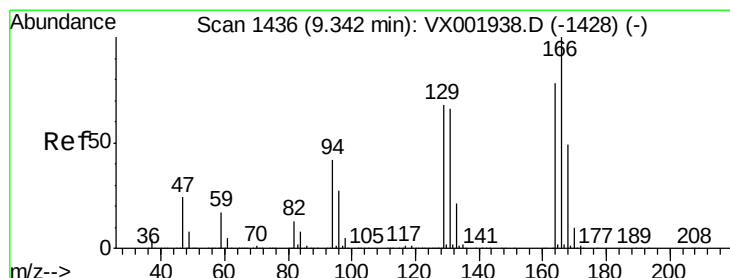
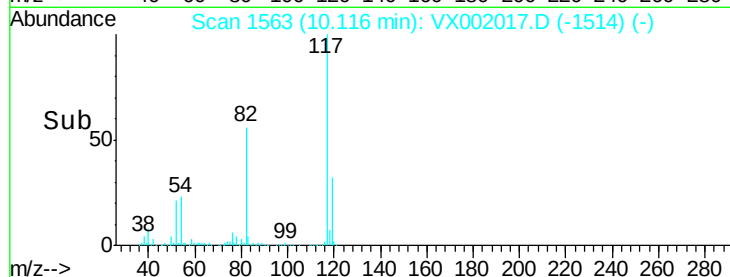
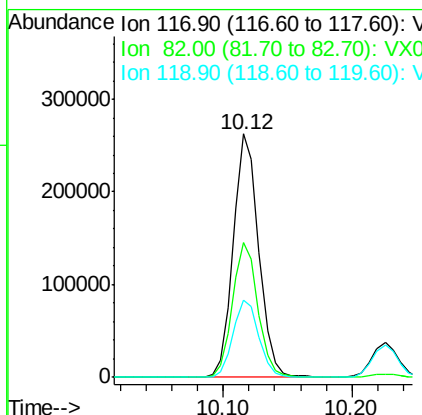
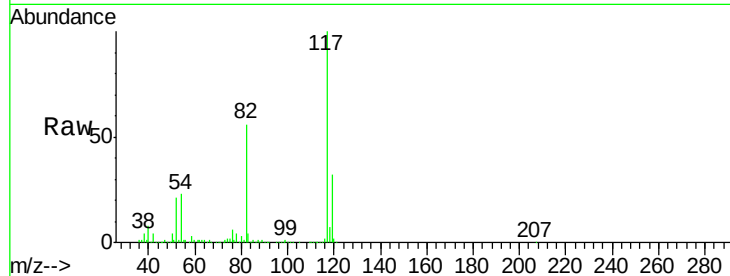
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX002017.D
Acq: 26 May 2018 14:12

Instrument :
MSVOA_X
ClientSampleId :
VX0526WBS01

Tot Ion	Ratio	Resp	Lower	Upper
117	100	362936		
82	55.5	44.8	67.2	
119	31.7	25.5	38.3	

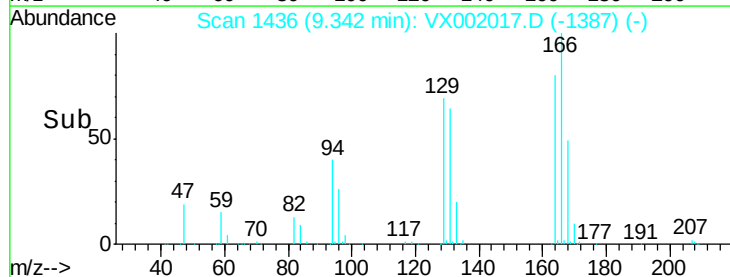
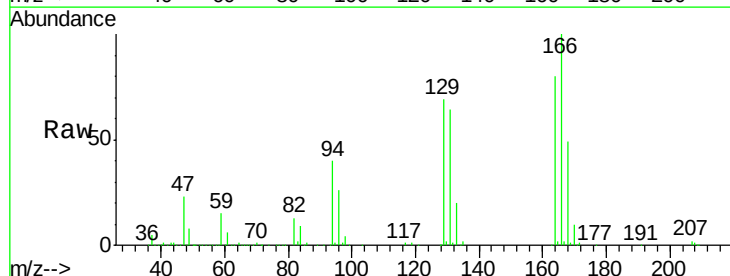
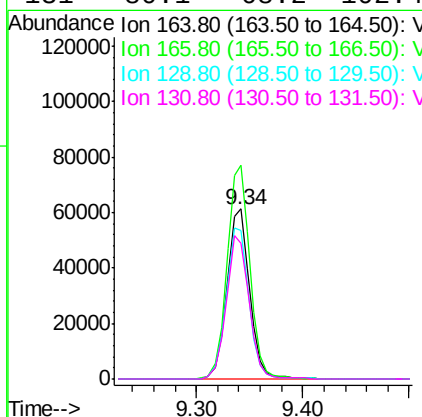
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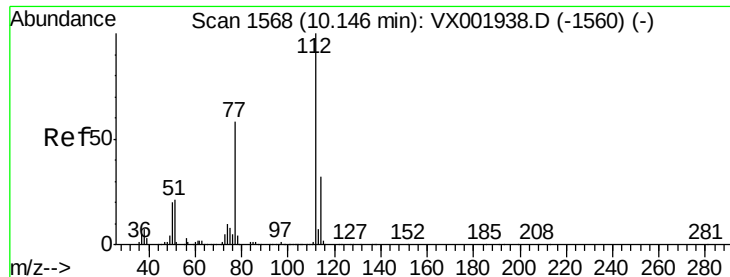
MMDadoda
5/30/2018 1:50:07 PM



#64
Tetrachloroethene
Concen: 17.63 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. -0.00 min
Lab File: VX002017.D
Acq: 26 May 2018 14:12

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	91716		
166	125.7	102.7	154.1	
129	87.3	70.3	105.5	
131	80.1	68.2	102.4	





#65

Chlorobenzene

Concen: 17.77 ug/l

RT: 10.14 min Scan# 1567

Delta R.T. -0.01 min

Lab File: VX002017.D

Acq: 26 May 2018 14:12

Instrument :

MSVOA_X

ClientSampleId :

VX0526WBS01

Tot Ion:112 Resp: 204288

Ion Ratio Lower Upper

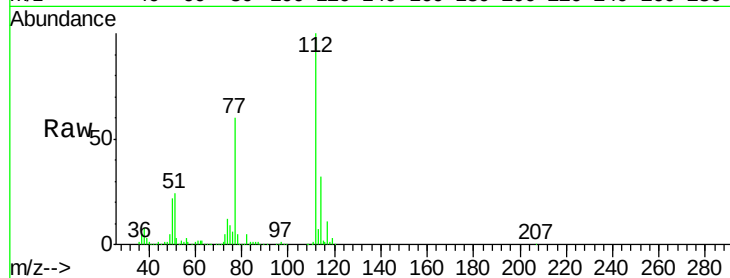
112 100

114 31.8 25.9 38.9

Manual Integrations
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Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V

10.14

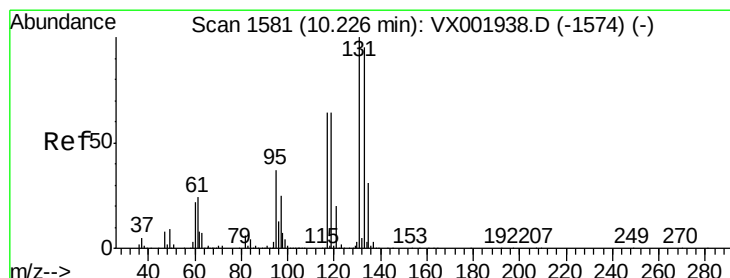
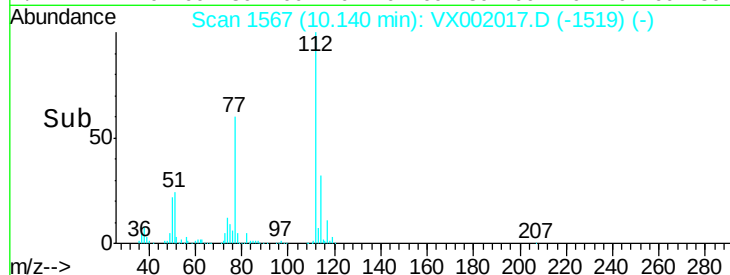
150000

100000

50000

0

Time-->



#66

1,1,1,2-Tetrachloroethane

Concen: 16.87 ug/l

RT: 10.23 min Scan# 1581

Delta R.T. -0.00 min

Lab File: VX002017.D

Acq: 26 May 2018 14:12

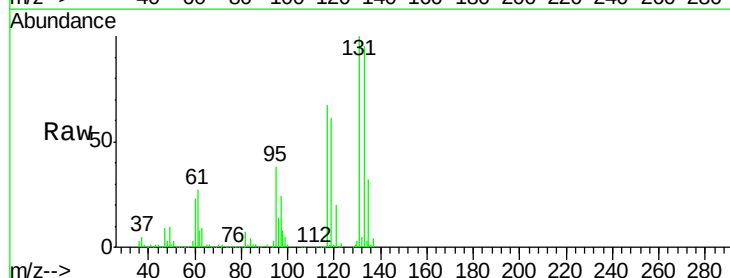
Tgt Ion:131 Resp: 78347

Ion Ratio Lower Upper

131 100

133 95.6 48.0 144.0

119 62.3 31.9 95.5



Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

10.23

80000

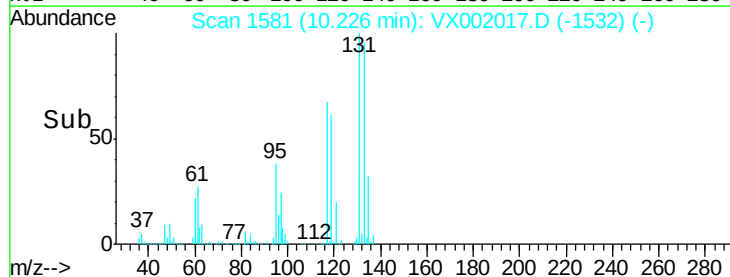
60000

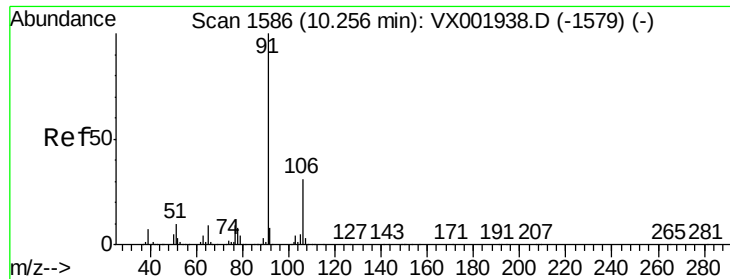
40000

20000

0

Time-->





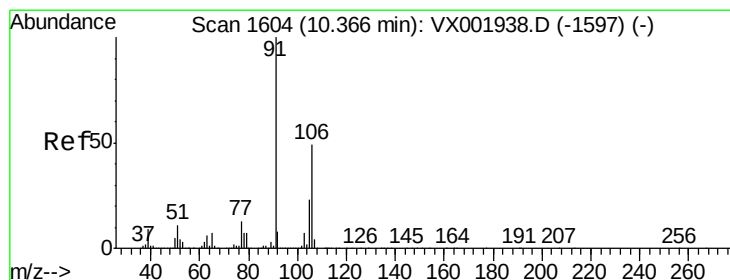
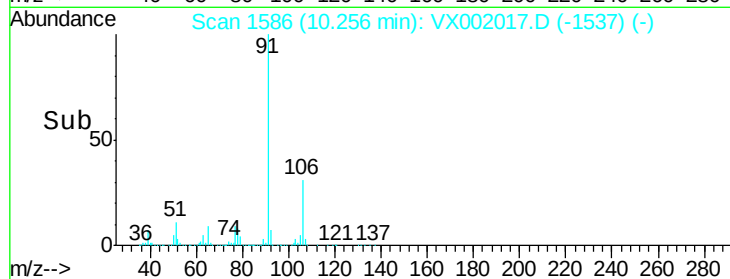
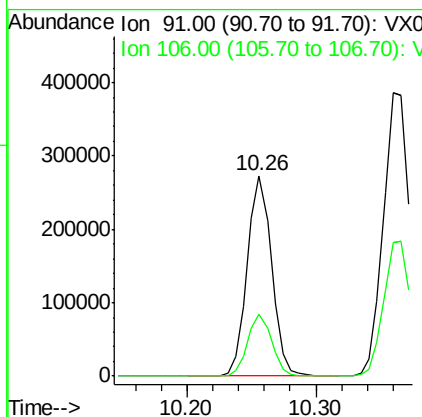
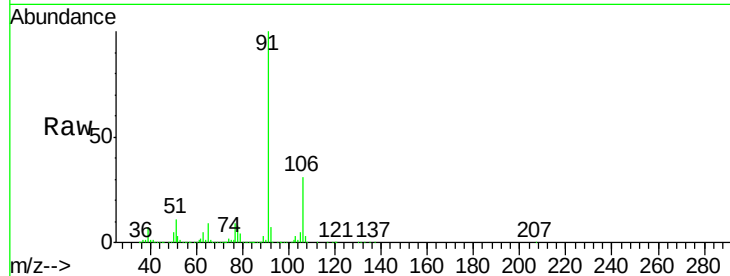
#67
Ethyl Benzene
Concen: 17.78 ug/l
RT: 10.26 min Scan# 1586
Delta R.T. -0.00 min
Lab File: VX002017.D
Acq: 26 May 2018 14:12

Instrument :
MSVOA_X
ClientSampleId :
VX0526WBS01

Tot Ion: 91 Resp: 355244
Ion Ratio Lower Upper
91 100
106 30.9 25.0 37.6

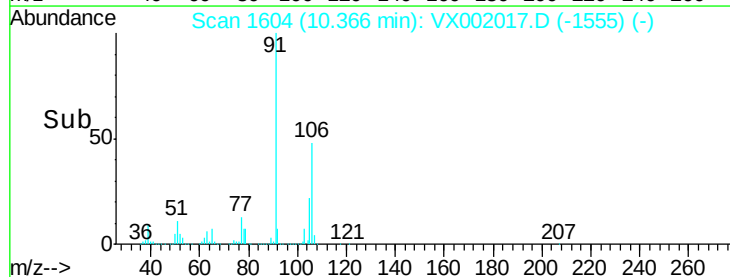
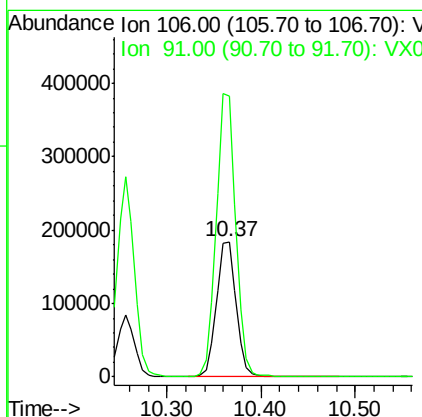
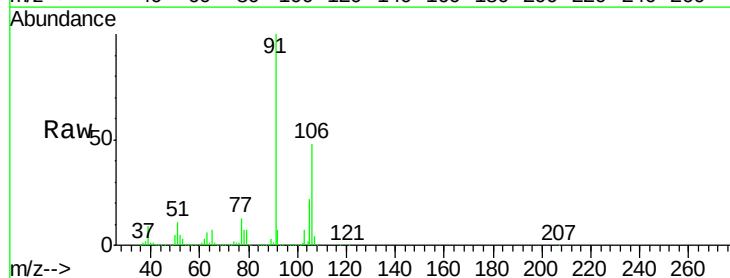
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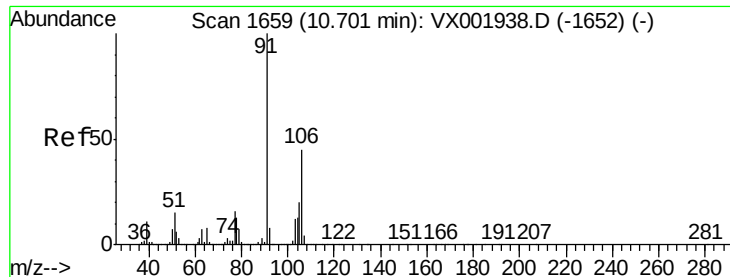
MMDadoda
5/30/2018 1:50:07 PM



#68
m/p-Xylenes
Concen: 34.81 ug/l
RT: 10.37 min Scan# 1604
Delta R.T. -0.00 min
Lab File: VX002017.D
Acq: 26 May 2018 14:12

Tgt Ion: 106 Resp: 265871
Ion Ratio Lower Upper
106 100
91 208.7 165.0 247.6





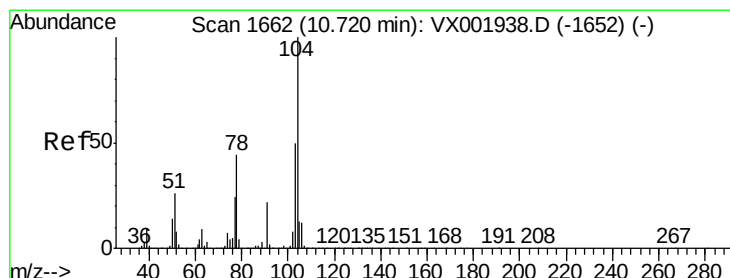
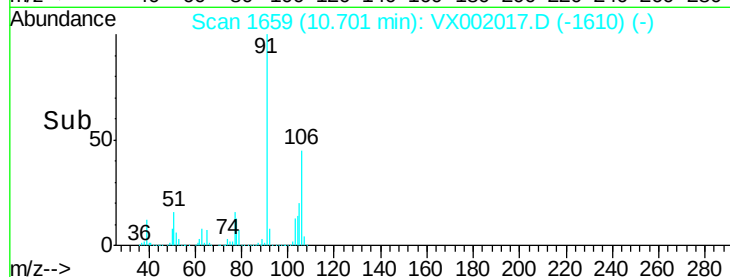
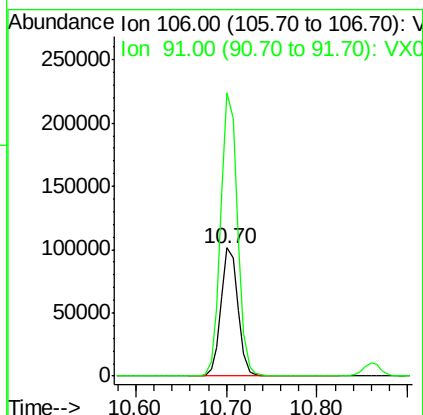
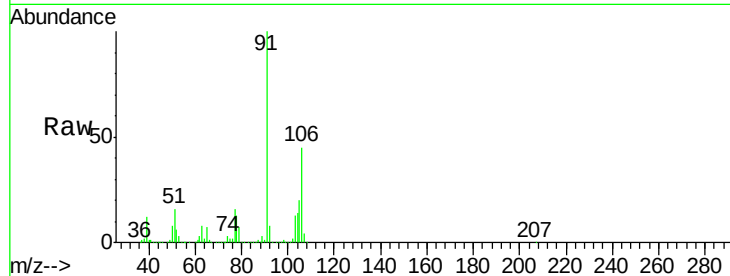
#69
o-Xylene
Concen: 17.46 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. -0.00 min
Lab File: VX002017.D
Acq: 26 May 2018 14:12

Instrument :
MSVOA_X
ClientSampleId :
VX0526WBS01

Tot Ion	Ion	Ratio	Lower	Upper
106	100			
91	218.9	108.7	325.9	

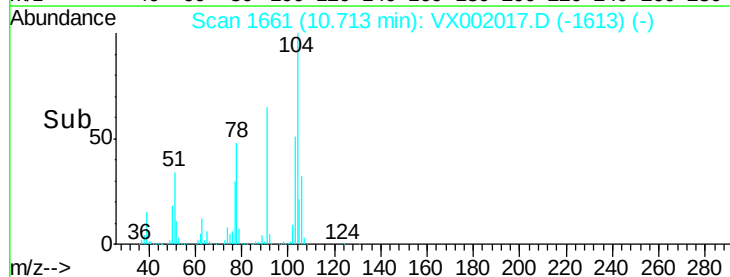
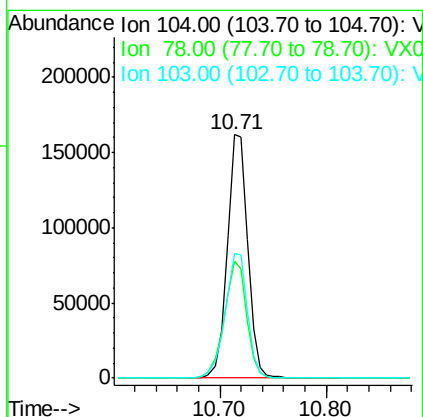
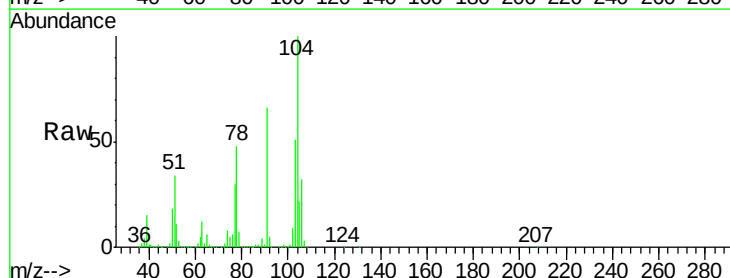
Manual Integrations
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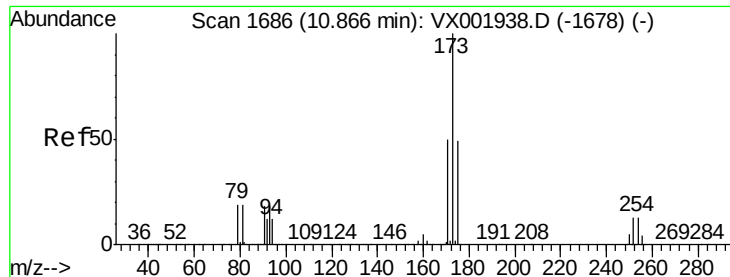
MMDadoda
5/30/2018 1:50:07 PM



#70
Styrene
Concen: 17.28 ug/l
RT: 10.71 min Scan# 1661
Delta R.T. -0.01 min
Lab File: VX002017.D
Acq: 26 May 2018 14:12

Tgt Ion	Ion	Ratio	Lower	Upper
104	100			
78	52.2	41.8	62.6	
103	55.6	44.6	67.0	





#71

Bromoform

Concen: 14.96 ug/l

RT: 10.87 min Scan# 1686

Delta R.T. -0.00 min

Lab File: VX002017.D

Acq: 26 May 2018 14:12

Instrument :

MSVOA_X

ClientSampleId :

VX0526WBS01

Tot Ion:173 Resp: 65884

Ion Ratio Lower Upper

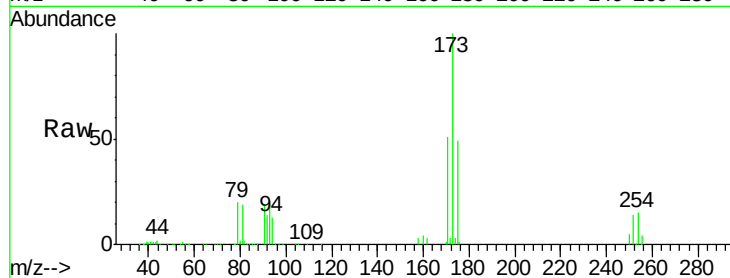
173 100

175 49.7 24.3 72.9

254 0.2 0.1 0.1#

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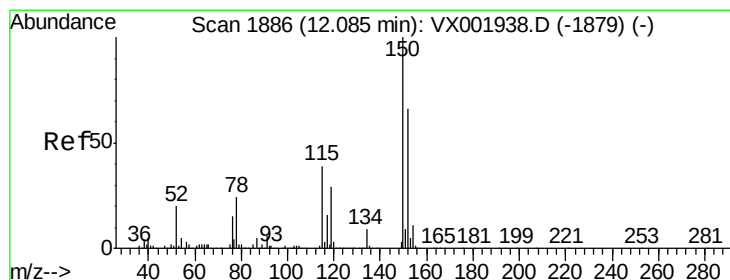
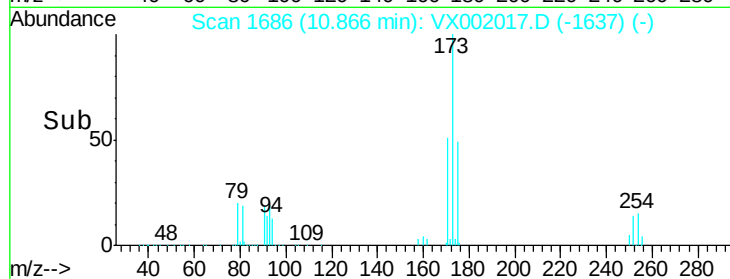
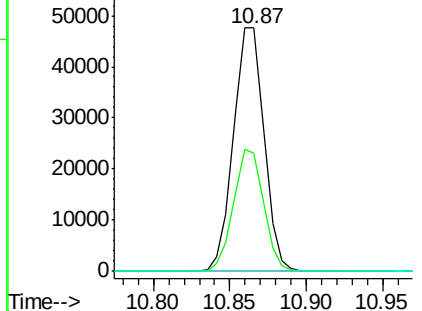
MMDadoda
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Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.09 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX002017.D

Acq: 26 May 2018 14:12

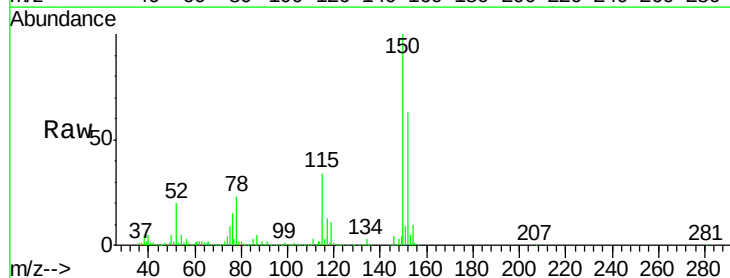
Tgt Ion:152 Resp: 241222

Ion Ratio Lower Upper

152 100

115 65.8 42.3 126.8

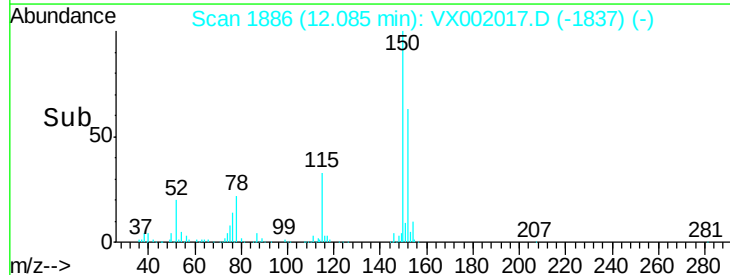
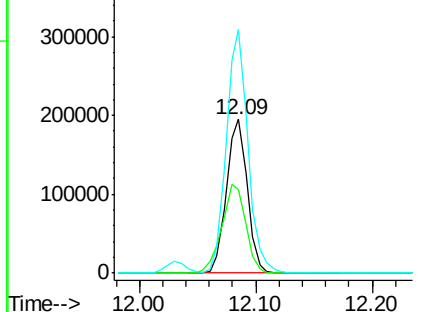
150 163.8 0.0 351.0

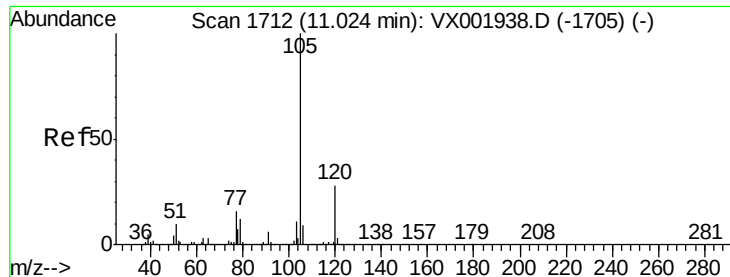


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 17.70 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. -0.00 min

Lab File: VX002017.D

Acq: 26 May 2018 14:12

Instrument :

MSVOA_X

ClientSampleId :

VX0526WBS01

Tot Ion:105 Resp: 361550

Ion Ratio Lower Upper

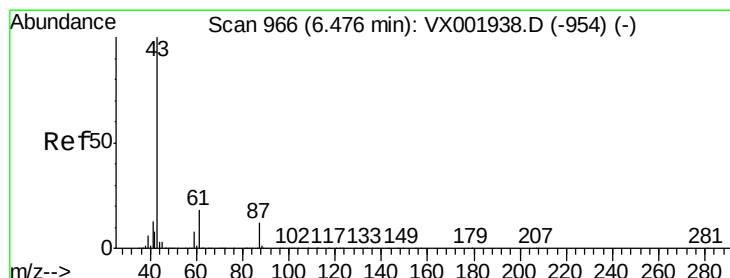
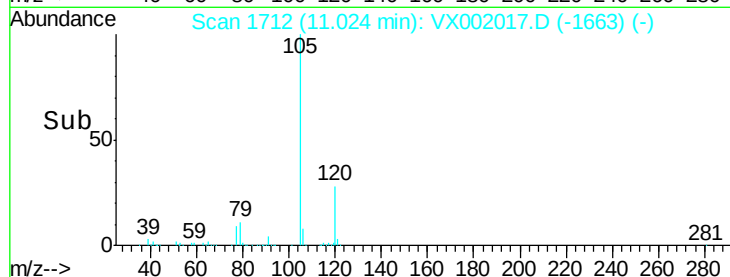
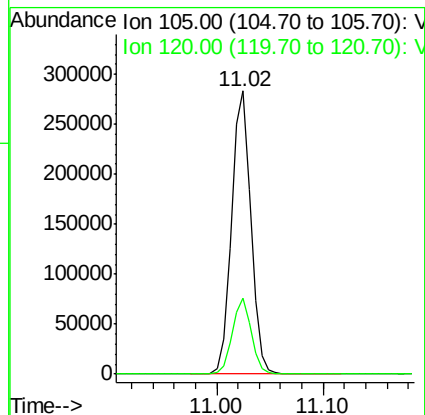
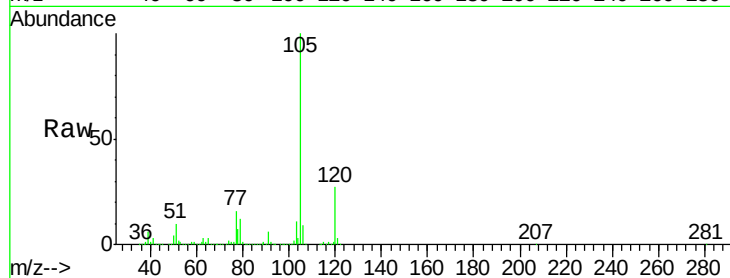
105 100

120 26.4 13.6 40.7

Manual Integrations
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#74

N-ethyl acetate

Concen: 16.75 ug/l

RT: 6.47 min Scan# 966

Delta R.T. -0.01 min

Lab File: VX002017.D

Acq: 26 May 2018 14:12

Tgt Ion: 43 Resp: 199703

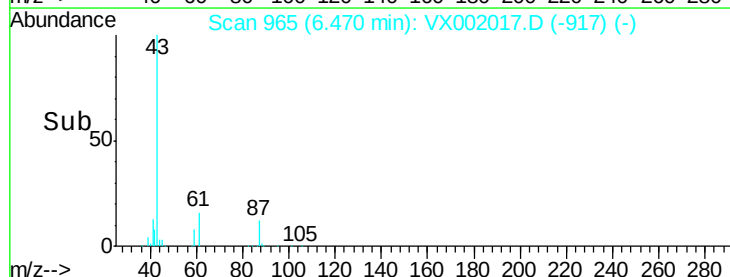
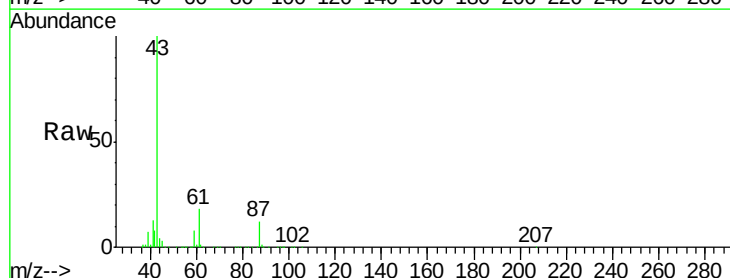
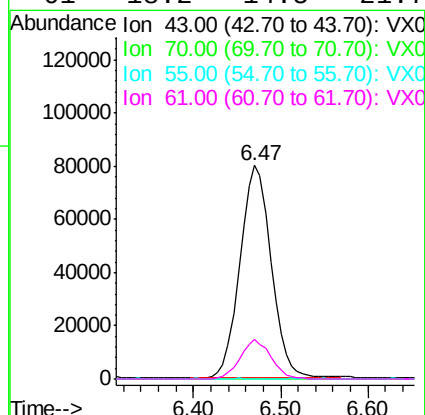
Ion Ratio Lower Upper

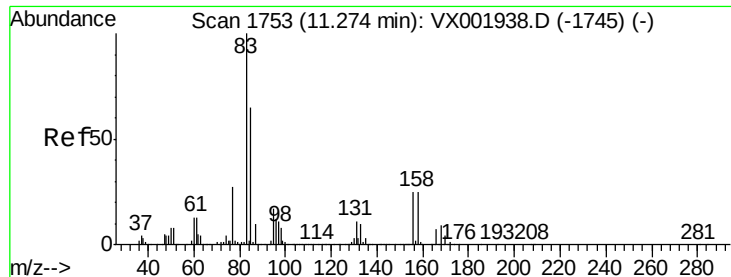
43 100

70 0.1 0.1 0.1

55 0.0 0.1 0.1#

61 18.2 14.5 21.7





#75

1,1,2,2-Tetrachloroethane

Concen: 17.81 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. 0.00 min

Lab File: VX002017.D

Acq: 26 May 2018 14:12

Instrument :

MSVOA_X

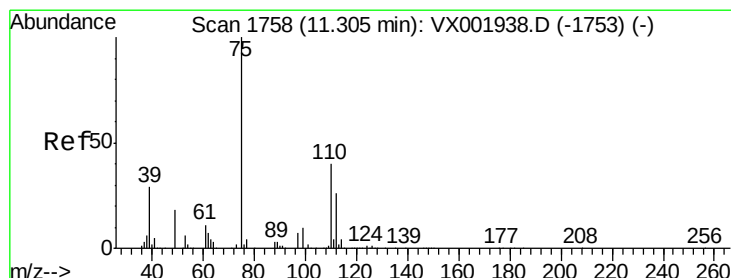
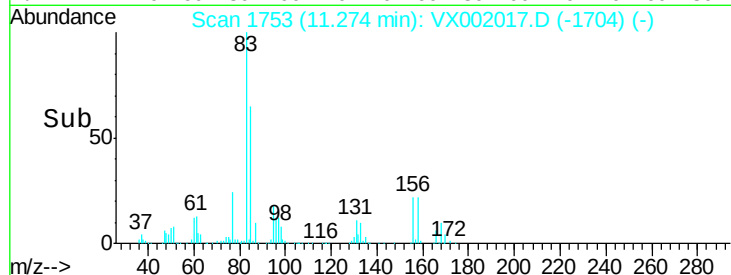
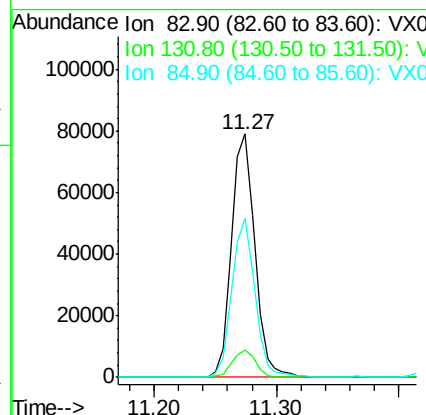
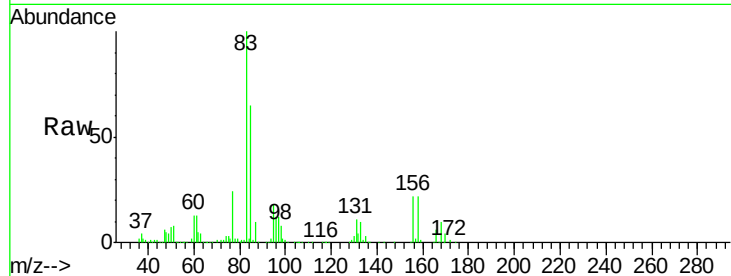
ClientSampleId :

VX0526WBS01

Tot Ion:	83	Resp:	104040
Ion Ratio	Lower	Upper	
83	100		
131	11.1	5.7	17.0
85	64.5	32.6	97.7

Manual Integrations
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5/30/2018 1:50:07 PM



#76

1,2,3-Trichloropropane

Concen: 19.12 ug/l m

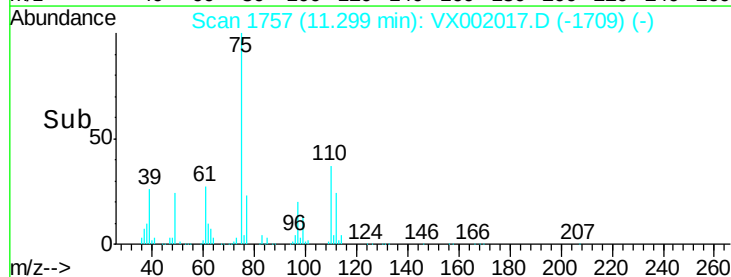
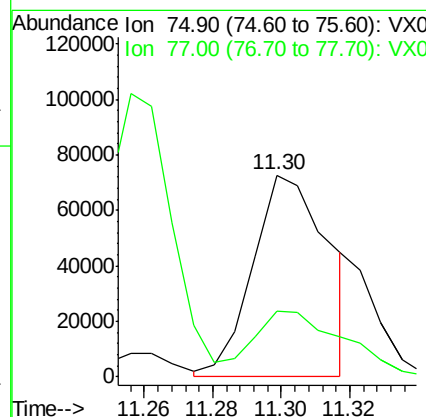
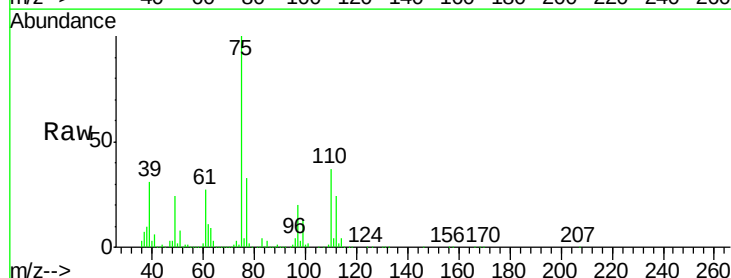
RT: 11.30 min Scan# 1757

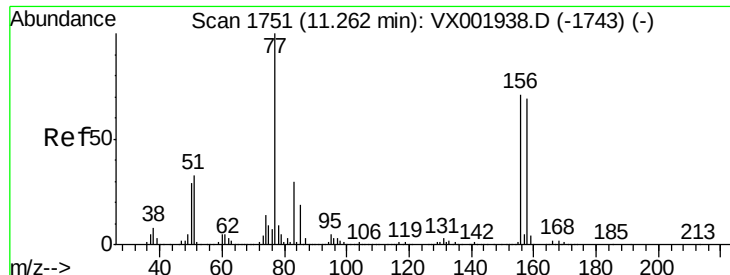
Delta R.T. -0.01 min

Lab File: VX002017.D

Acq: 26 May 2018 14:12

Tgt Ion:	75	Resp:	110762
Ion Ratio	Lower	Upper	
75	100		
77	39.7	22.8	68.3





#77

Bromobenzene

Concen: 17.18 ug/l

RT: 11.26 min Scan# 1751

Delta R.T. -0.00 min

Lab File: VX002017.D

Acq: 26 May 2018 14:12

Instrument :

MSVOA_X

ClientSampleId :

VX0526WBS01

Tot Ion:156 Resp: 93115

Ion Ratio Lower Upper

156 100

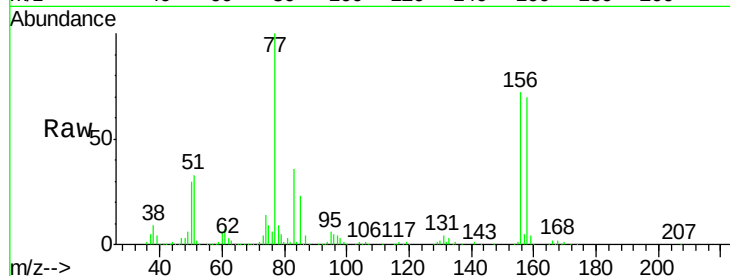
77 147.3 75.2 225.6

158 98.3 48.6 145.8

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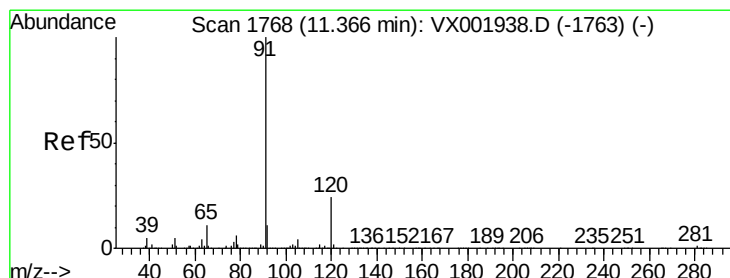
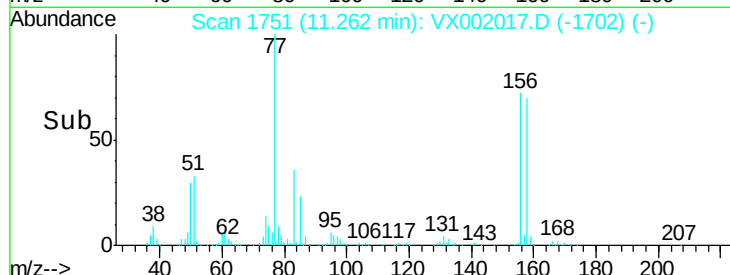
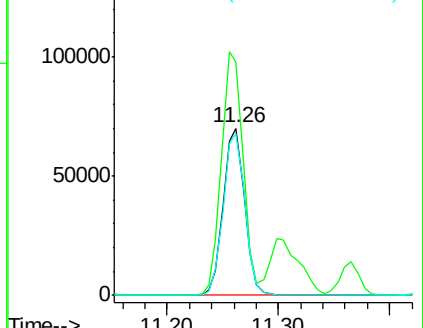
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Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 17.84 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. -0.00 min

Lab File: VX002017.D

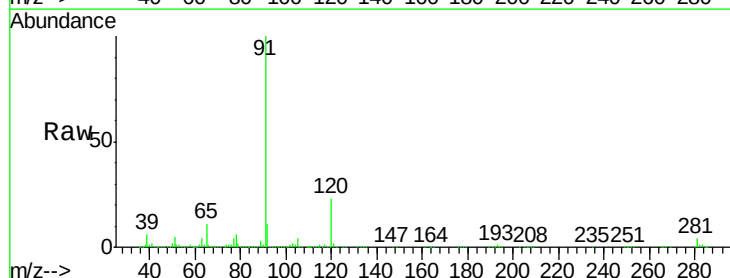
Acq: 26 May 2018 14:12

Tgt Ion: 91 Resp: 408230

Ion Ratio Lower Upper

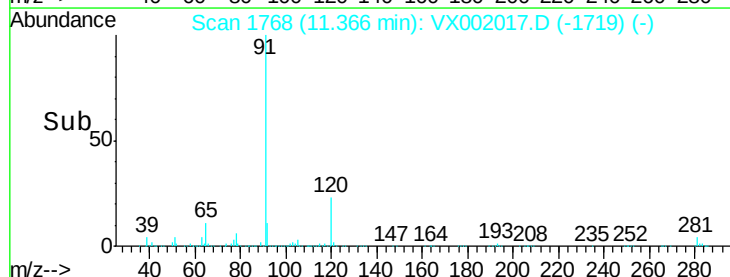
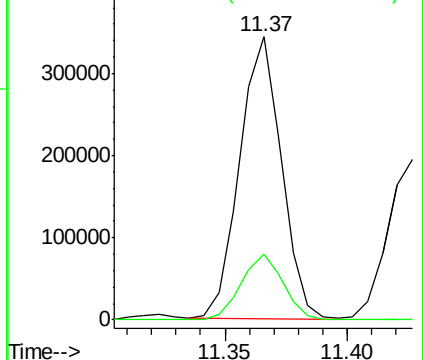
91 100

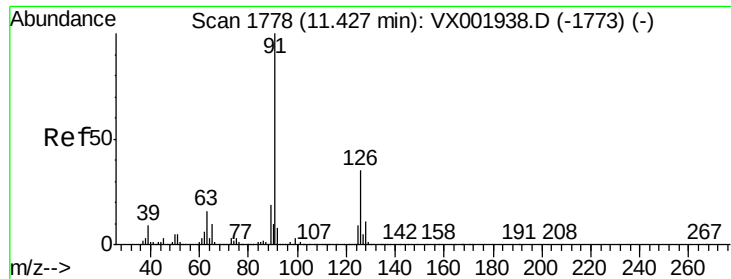
120 23.5 11.9 35.7



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 17.98 ug/l

RT: 11.43 min Scan# 1778

Delta R.T. 0.00 min

Lab File: VX002017.D

Acq: 26 May 2018 14:12

Instrument :

MSVOA_X

ClientSampleId :

VX0526WBS01

Tot Ion: 91 Resp: 244133

Ion Ratio Lower Upper

91 100

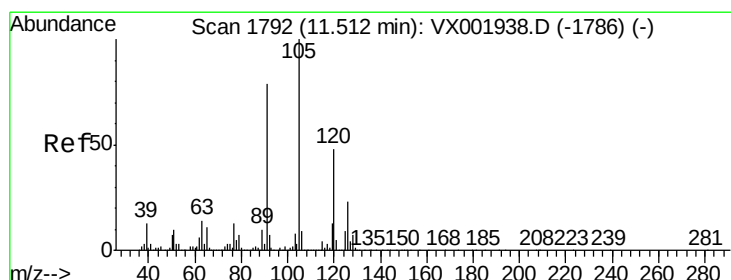
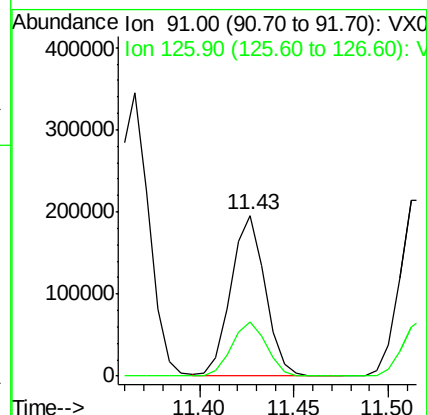
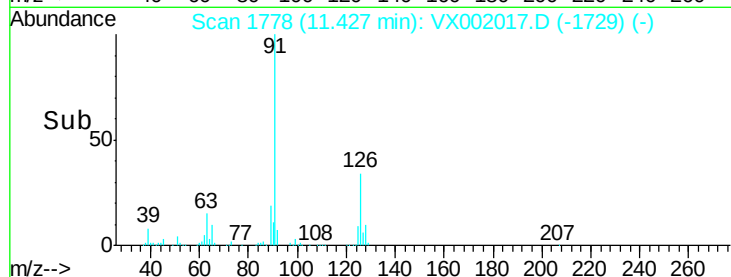
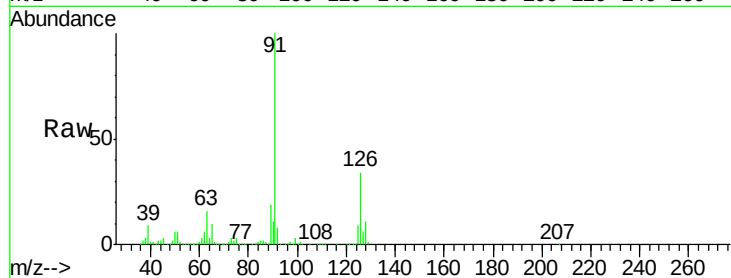
126 34.7 17.4 52.2

Manual Integrations

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#80

1,3,5-Trimethylbenzene

Concen: 17.41 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX002017.D

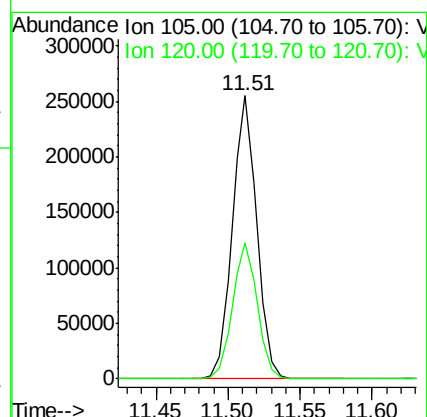
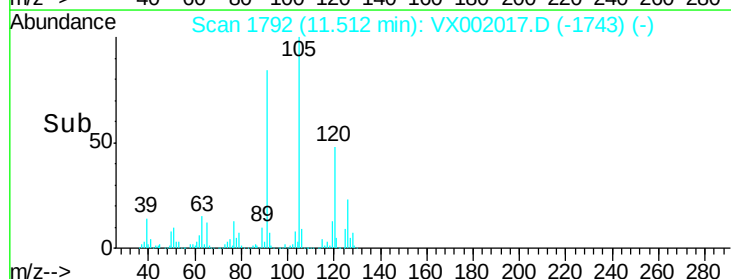
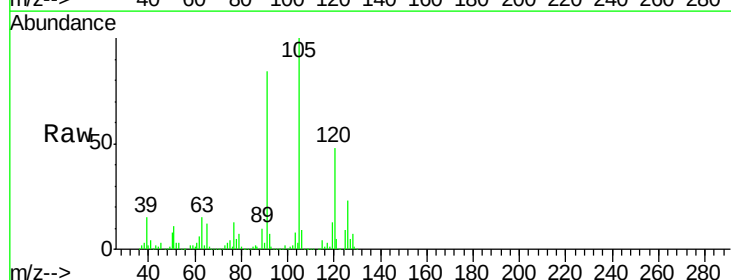
Acq: 26 May 2018 14:12

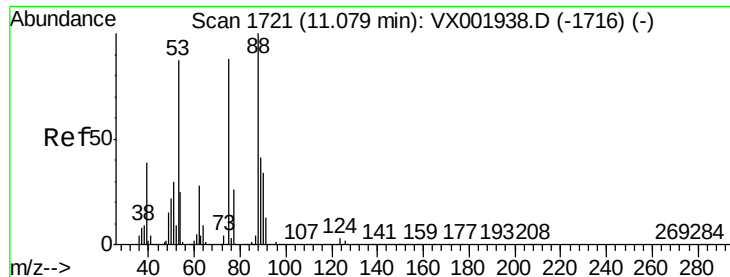
Tgt Ion: 105 Resp: 303980

Ion Ratio Lower Upper

105 100

120 48.7 24.1 72.4





#81

trans-1,4-Dichloro-2-butene

Concen: 15.08 ug/l

RT: 11.08 min Scan# 1721

Delta R.T. -0.00 min

Lab File: VX002017.D

Acq: 26 May 2018 14:12

Instrument :

MSVOA_X

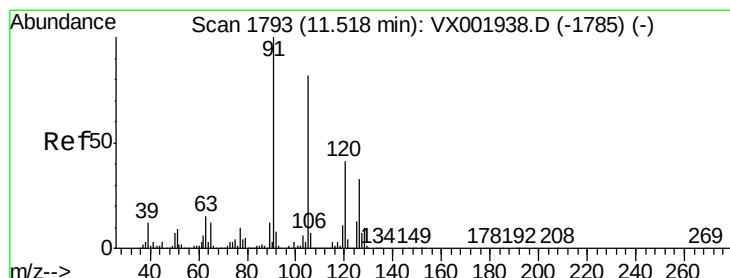
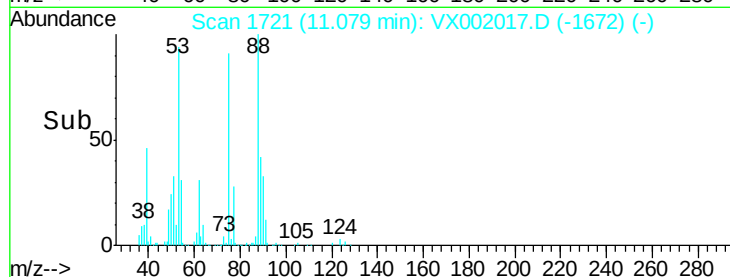
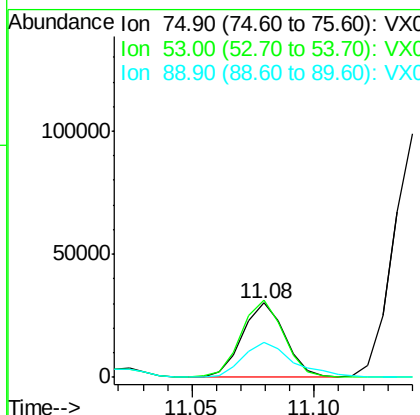
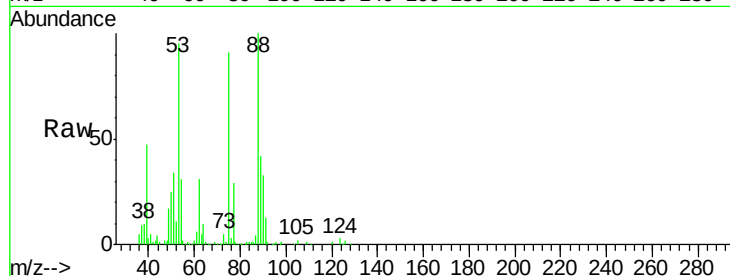
ClientSampleId :

VX0526WBS01

Tot Ion:	75	Resp:	36357
Ion Ratio	Lower	Upper	
75	100		
53	103.7	78.0	117.0
89	56.0	39.4	59.2

Manual Integrations
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#82

4-Chlorotoluene

Concen: 17.45 ug/l

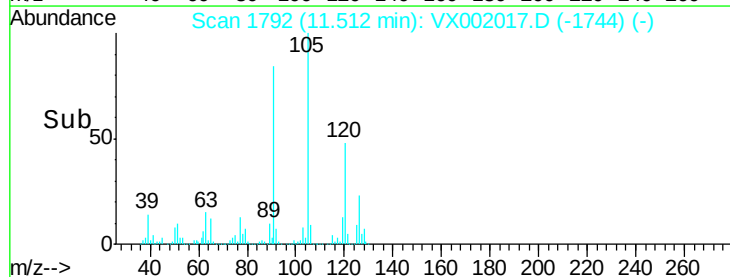
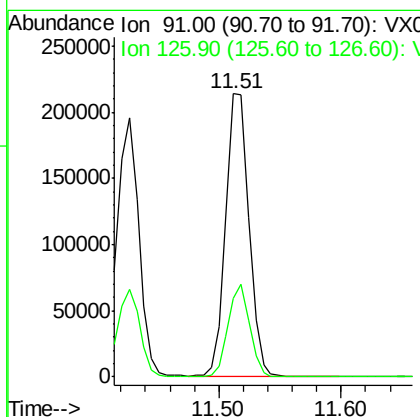
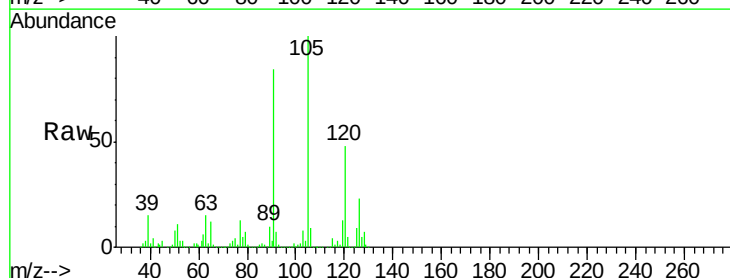
RT: 11.51 min Scan# 1792

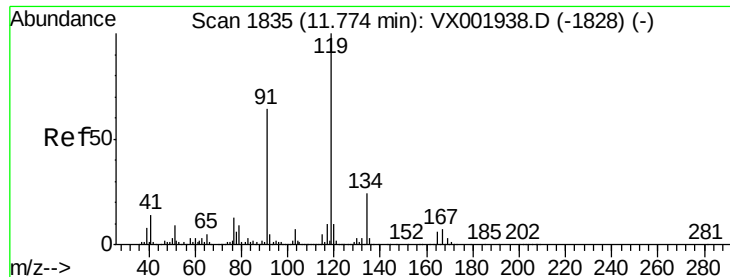
Delta R.T. -0.01 min

Lab File: VX002017.D

Acq: 26 May 2018 14:12

Tgt Ion:	91	Resp:	281581
Ion Ratio	Lower	Upper	
91	100		
126	30.4	15.3	45.8





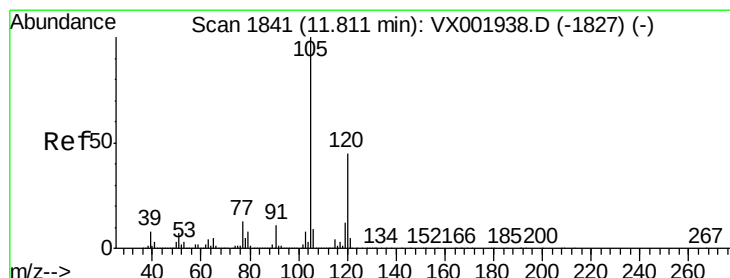
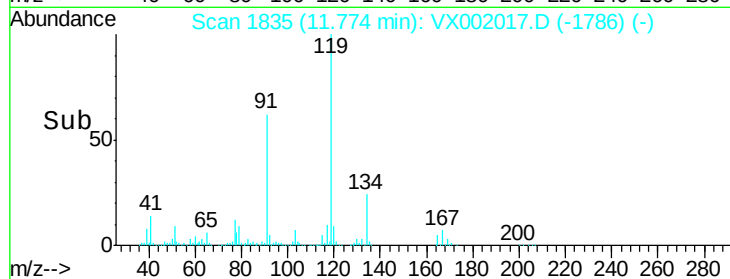
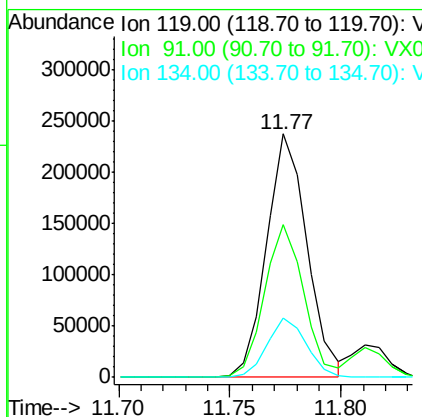
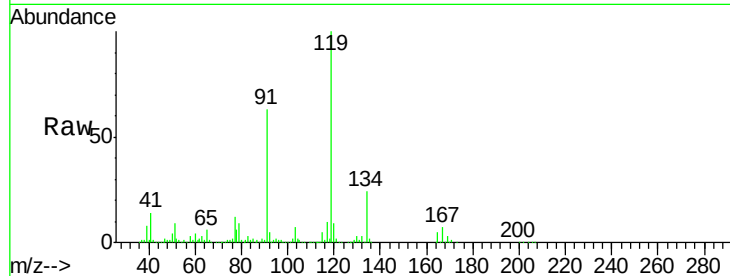
#83
 tert-Butylbenzene
 Concen: 17.47 ug/l
 RT: 11.77 min Scan# 1835
 Delta R.T. -0.00 min
 Lab File: VX002017.D
 Acq: 26 May 2018 14:12

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0526WBS01

Tot Ion	Ratio	Resp	Lower	Upper
119	100	299192		
91	61.0	30.6	91.8	
134	23.7	11.7	35.0	

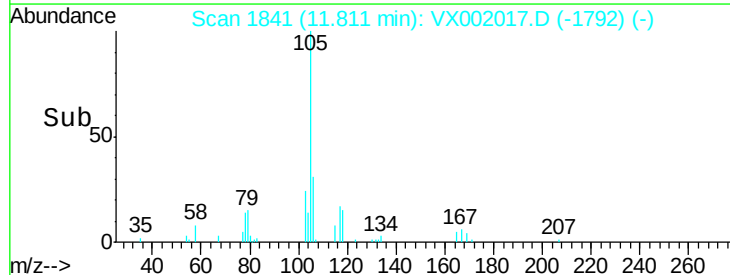
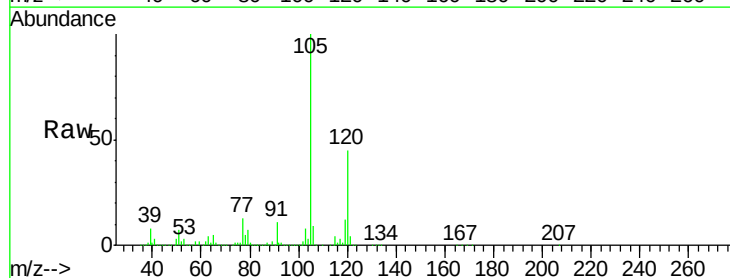
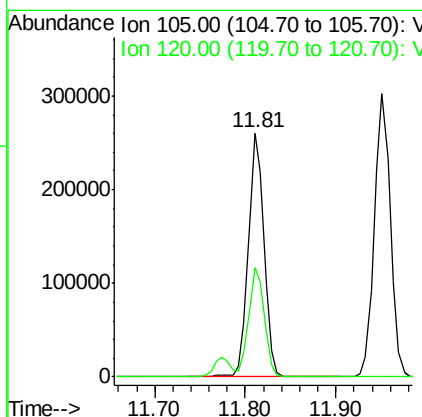
Manual Integrations
 APPROVED

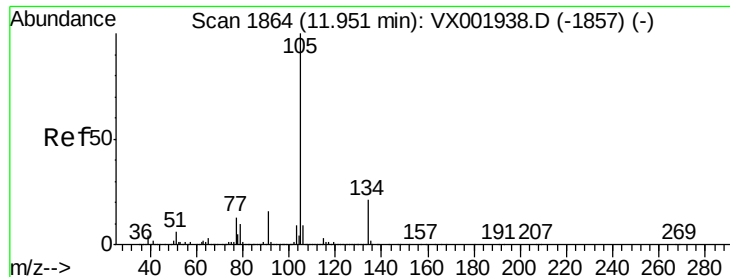
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#84
 1,2,4-Trimethylbenzene
 Concen: 17.37 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. -0.00 min
 Lab File: VX002017.D
 Acq: 26 May 2018 14:12

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	313286		
120	44.4	22.1	66.5	





#85

sec-Butylbenzene

Concen: 17.91 ug/l

RT: 11.95 min Scan# 1864

Delta R.T. -0.00 min

Lab File: VX002017.D

Acq: 26 May 2018 14:12

Instrument :

MSVOA_X

ClientSampleId :

VX0526WBS01

Tot Ion:105 Resp: 368787

Ion Ratio Lower Upper

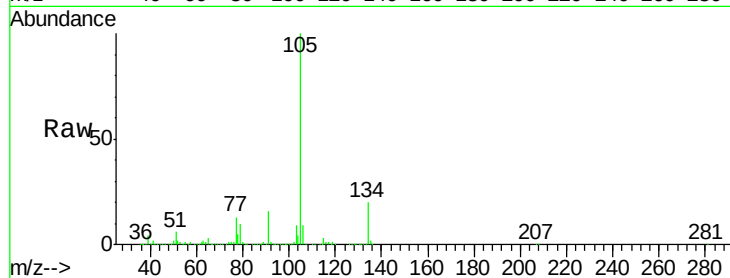
105 100

134 20.4 10.4 31.4

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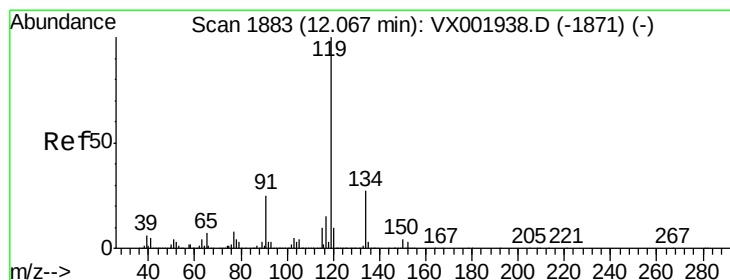
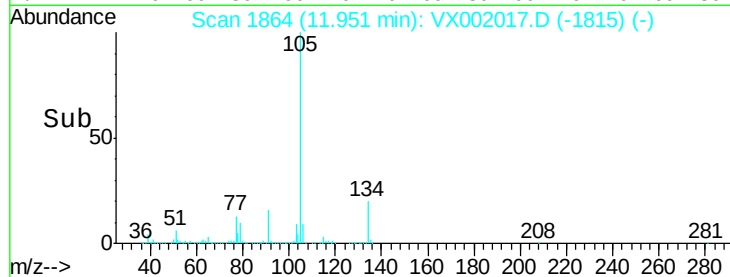
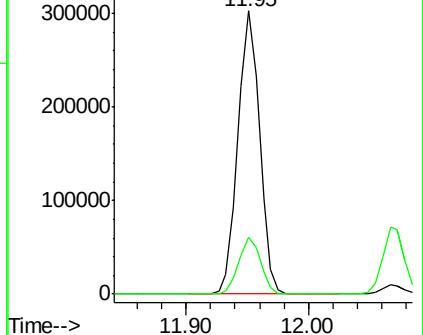
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 18.02 ug/l

RT: 12.07 min Scan# 1883

Delta R.T. -0.00 min

Lab File: VX002017.D

Acq: 26 May 2018 14:12

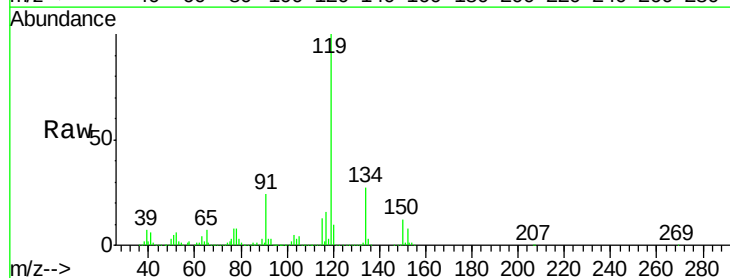
Tgt Ion:119 Resp: 331983

Ion Ratio Lower Upper

119 100

134 26.9 13.6 40.8

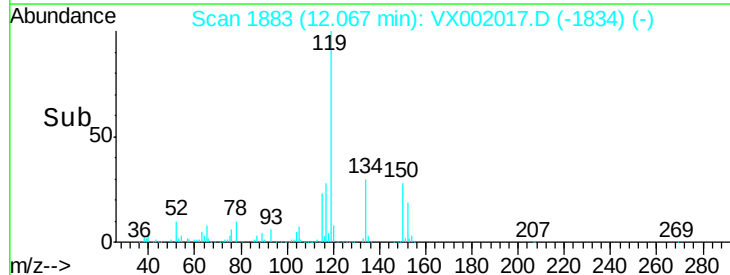
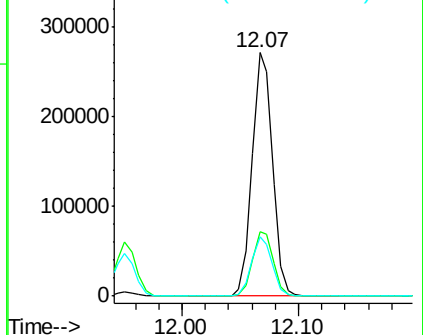
91 24.2 12.2 36.4

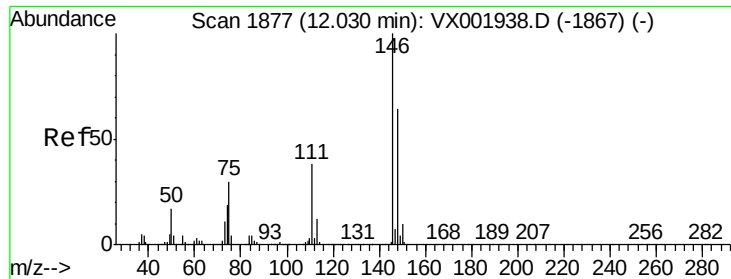


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





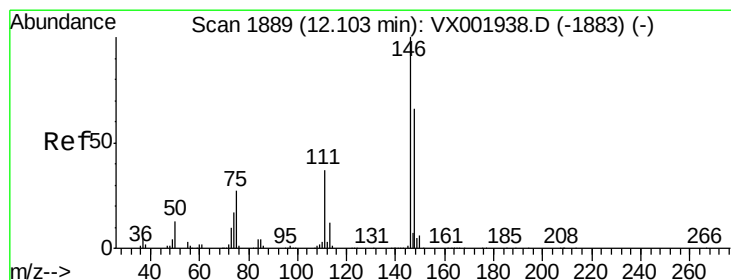
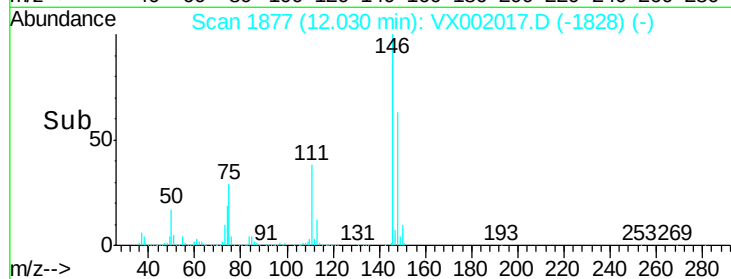
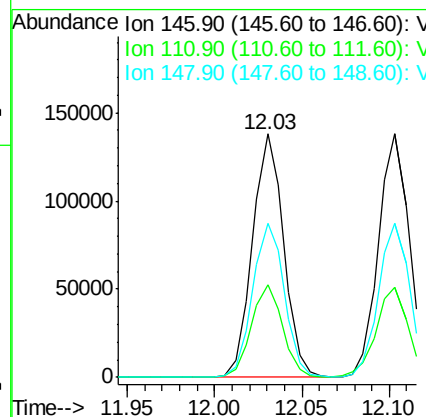
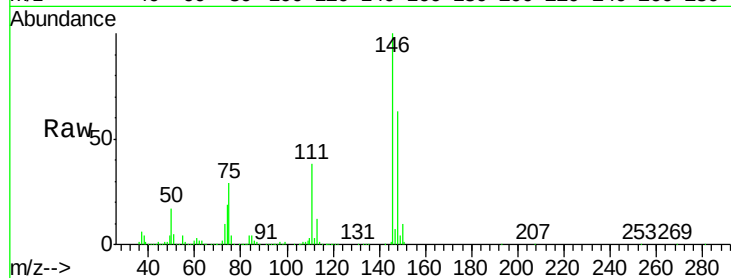
#87
 1,3-Dichlorobenzene
 Concen: 17.65 ug/l
 RT: 12.03 min Scan# 1877
 Delta R.T. -0.00 min
 Lab File: VX002017.D
 Acq: 26 May 2018 14:12

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0526WBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.9	19.3	57.8
148	64.0	32.1	96.3

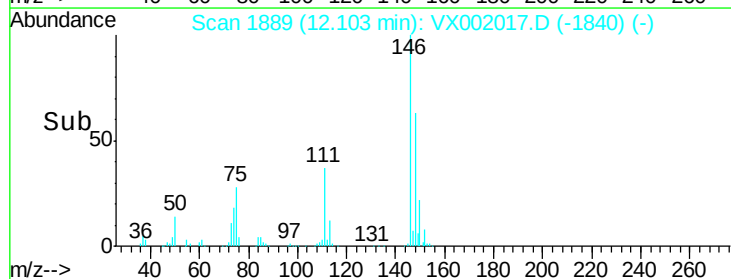
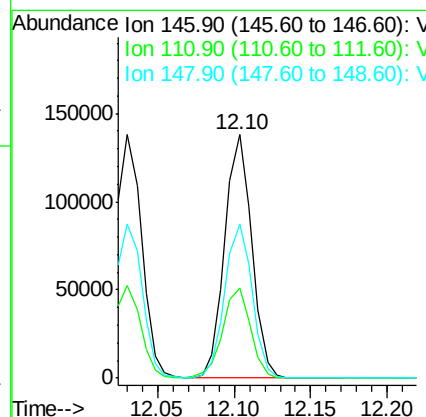
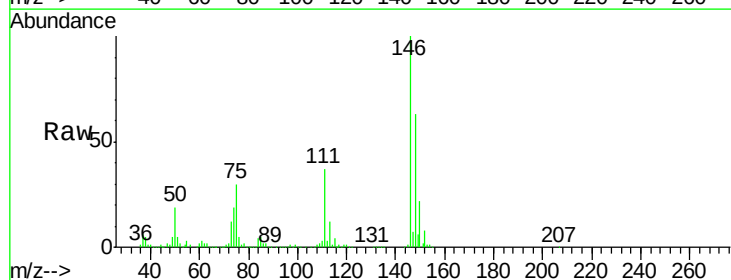
Manual Integrations
 APPROVED

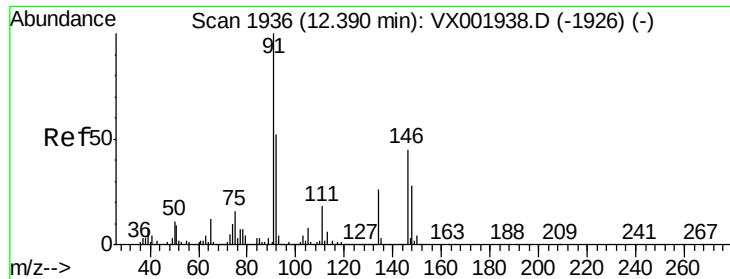
MMDadoda
 5/30/2018 1:50:07 PM



#88
 1,4-Dichlorobenzene
 Concen: 17.46 ug/l
 RT: 12.10 min Scan# 1889
 Delta R.T. -0.00 min
 Lab File: VX002017.D
 Acq: 26 May 2018 14:12

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.4	18.9	56.5
148	64.3	32.3	96.8





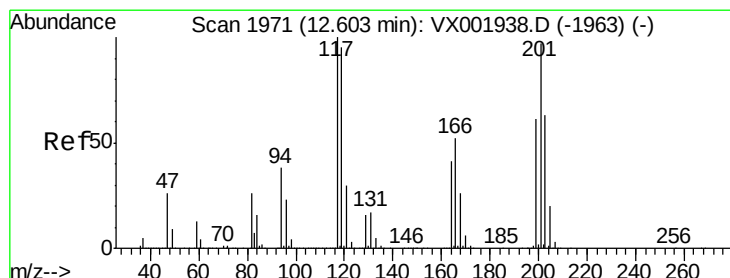
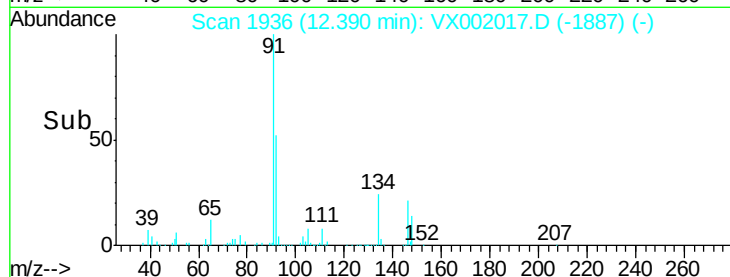
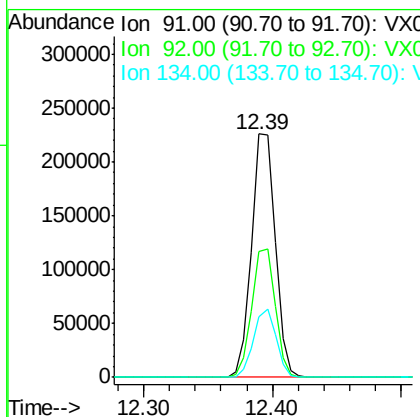
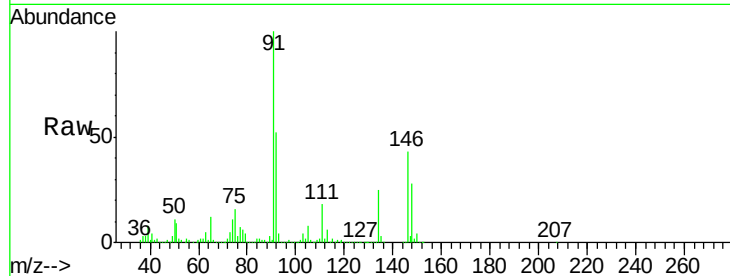
#89
n-Butylbenzene
Concen: 18.20 ug/l
RT: 12.39 min Scan# 1936
Delta R.T. -0.00 min
Lab File: VX002017.D
Acq: 26 May 2018 14:12

Instrument :
MSVOA_X
ClientSampleId :
VX0526WBS01

Tot Ion	Ratio	Lower	Upper
91	100		
92	52.5	26.3	78.9
134	26.8	13.6	40.7

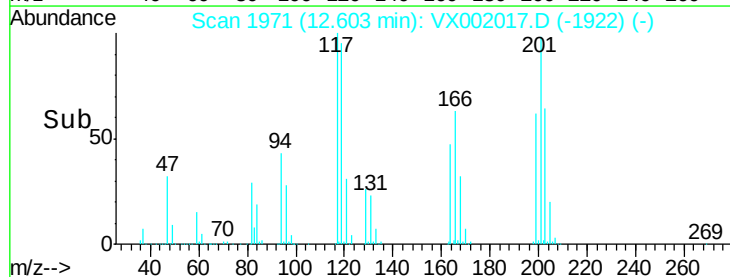
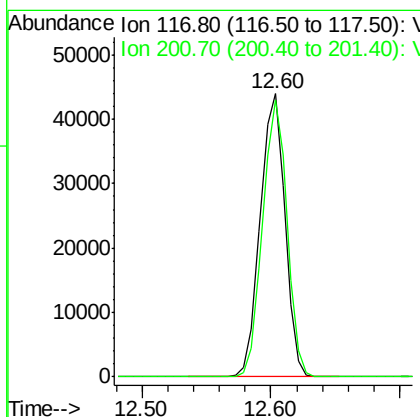
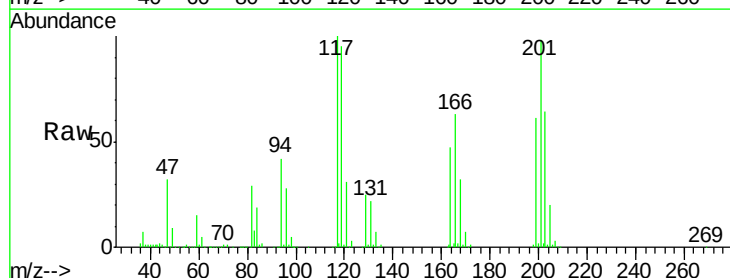
Manual Integrations
APPROVED

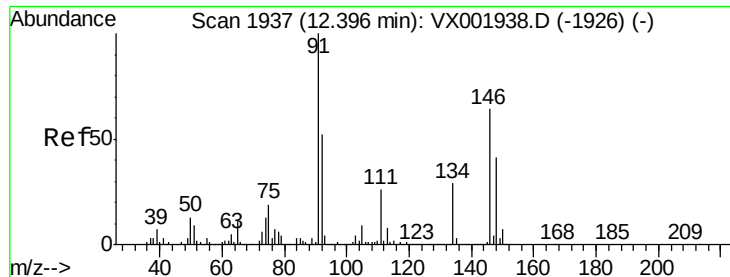
MMDadoda
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#90
Hexachloroethane
Concen: 16.00 ug/l
RT: 12.60 min Scan# 1971
Delta R.T. -0.00 min
Lab File: VX002017.D
Acq: 26 May 2018 14:12

Tgt Ion	Ratio	Lower	Upper
117	100		
201	96.7	48.0	144.0





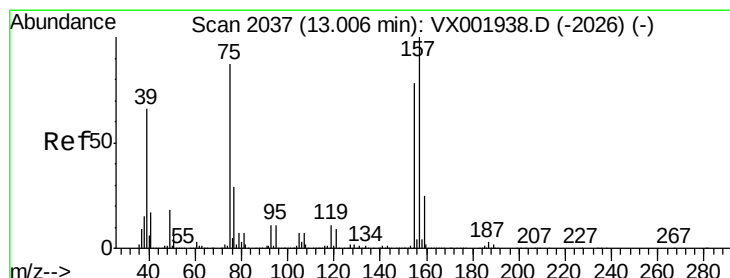
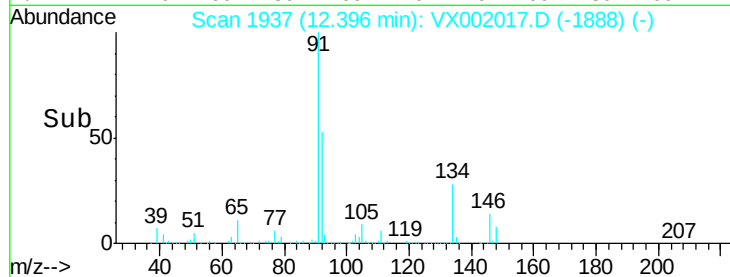
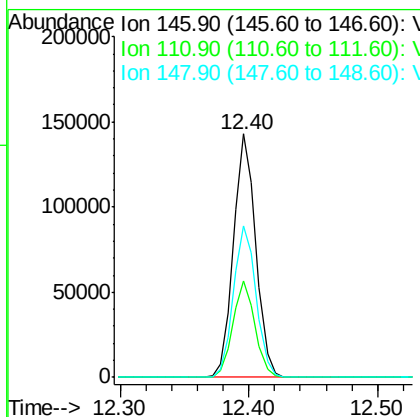
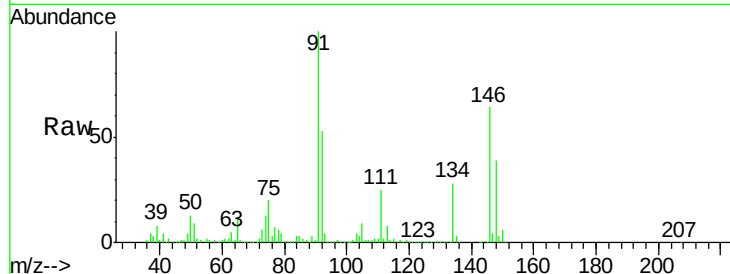
#91
 1,2-Dichlorobenzene
 Concen: 17.51 ug/l
 RT: 12.40 min Scan# 1937
 Delta R.T. -0.00 min
 Lab File: VX002017.D
 Acq: 26 May 2018 14:12

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0526WBS01

Tot Ion	Ratio	Resp	Lower	Upper
146	100	173163		
111	39.2	19.8	59.3	
148	63.4	32.1	96.5	

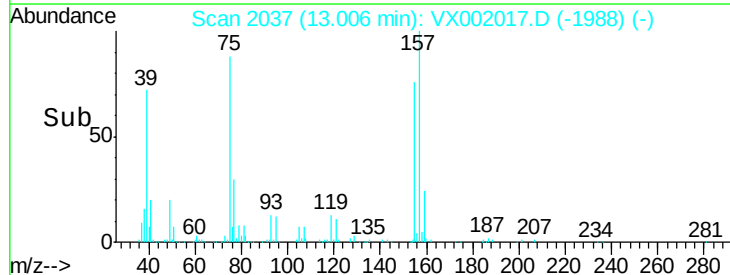
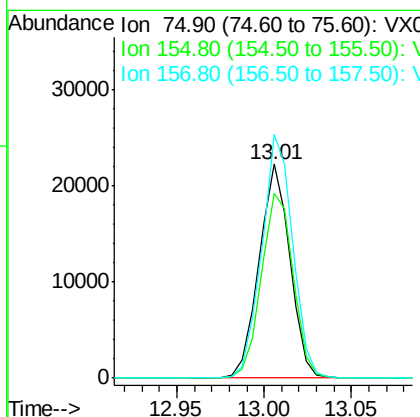
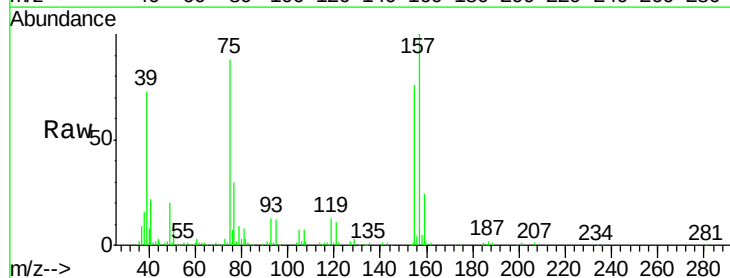
Manual Integrations
 APPROVED

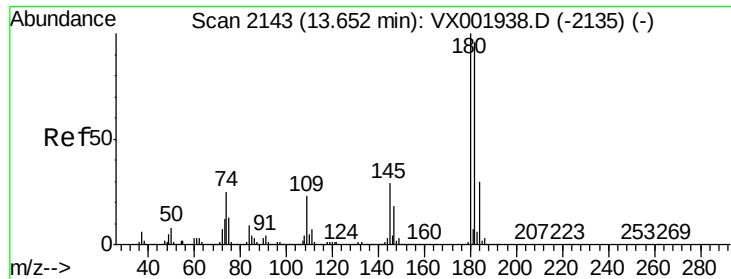
MMDadoda
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 15.01 ug/l
 RT: 13.01 min Scan# 2037
 Delta R.T. -0.00 min
 Lab File: VX002017.D
 Acq: 26 May 2018 14:12

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	27256		
155	88.9	45.1	135.2	
157	114.2	58.1	174.2	





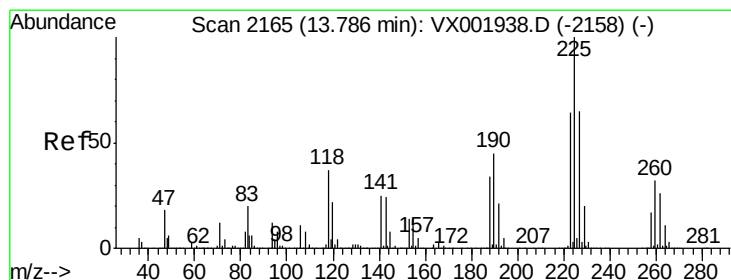
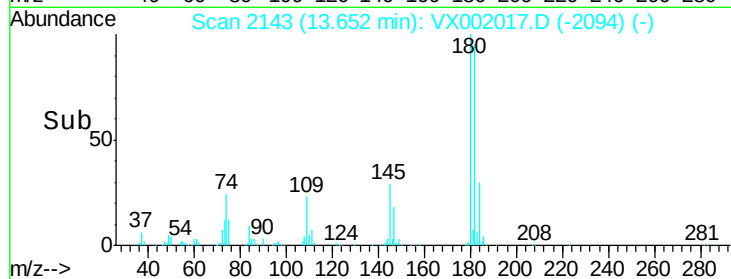
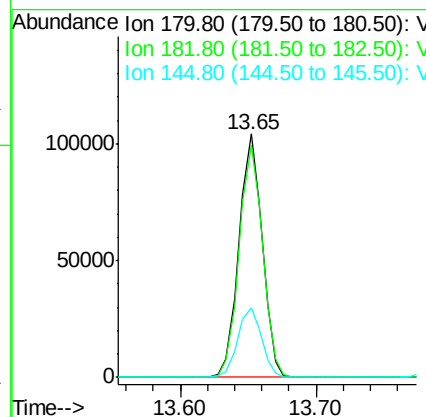
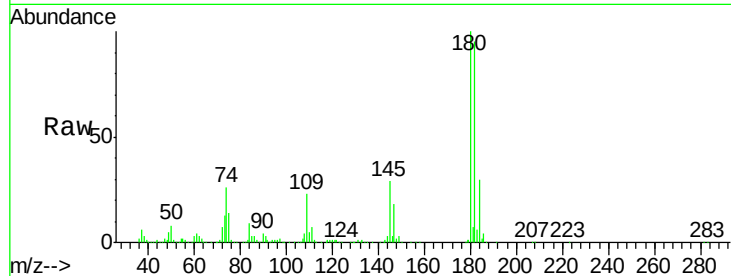
#93
 1,2,4-Trichlorobenzene
 Concen: 17.50 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. -0.00 min
 Lab File: VX002017.D
 Acq: 26 May 2018 14:12

Instrument :
 MSVOA_X
 ClientSampled :
 VX0526WBS01

Tot Ion	Ratio	Resp	Lower	Upper
180	100	123773		
182	96.6	47.7	143.1	
145	29.2	14.4	43.0	

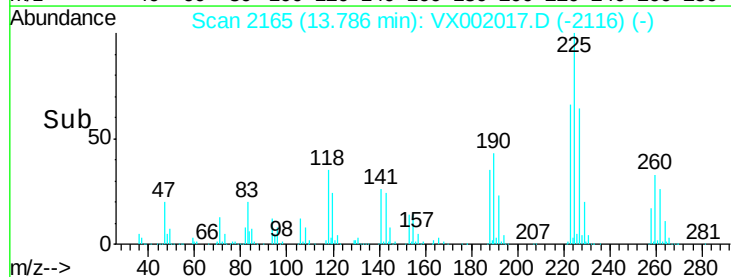
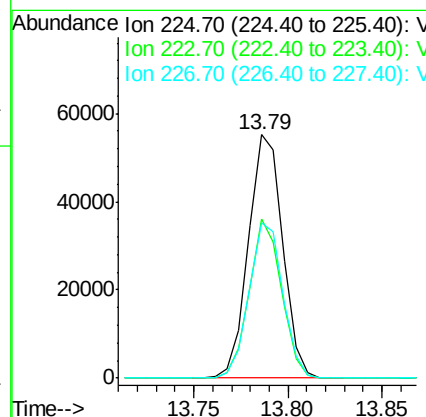
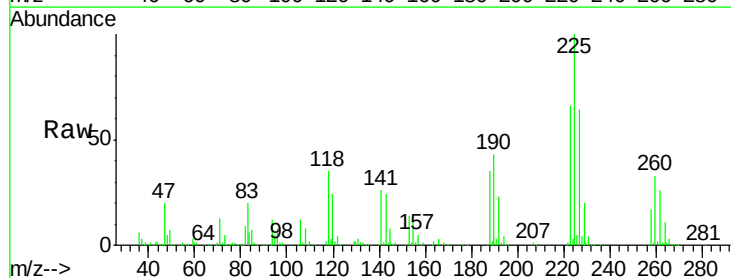
Manual Integrations
 APPROVED

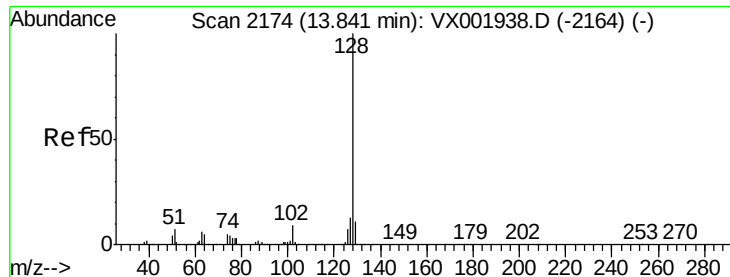
MMDadoda
 5/30/2018 1:50:07 PM



#94
 Hexachlorobutadiene
 Concen: 18.24 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. -0.00 min
 Lab File: VX002017.D
 Acq: 26 May 2018 14:12

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	69398		
223	62.0	31.1	93.5	
227	63.1	32.1	96.5	





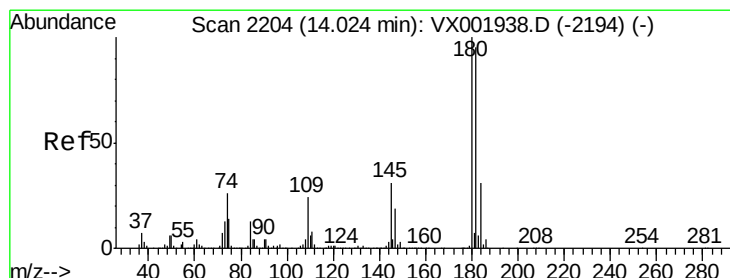
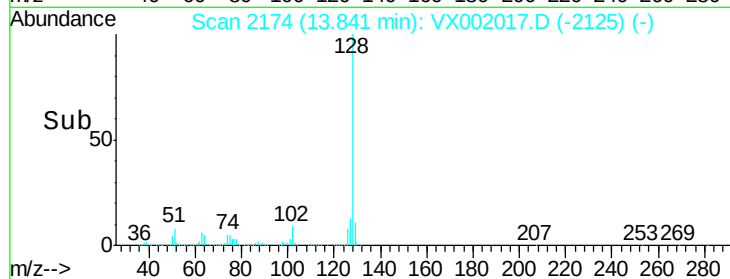
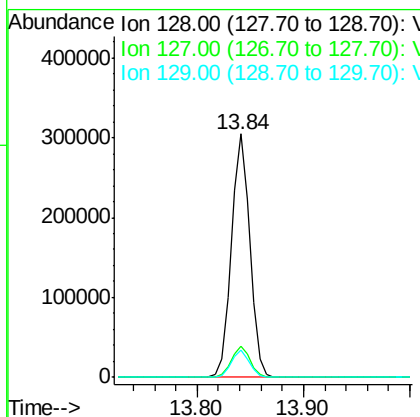
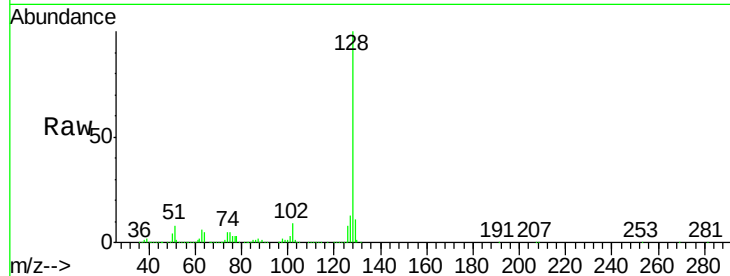
#95
Naphthalene
Concen: 17.02 ug/l
RT: 13.84 min Scan# 2174
Delta R.T. -0.00 min
Lab File: VX002017.D
Acq: 26 May 2018 14:12

Instrument :
MSVOA_X
ClientSampleId :
VX0526WBS01

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.4	15.6
129	11.0	8.8	13.2

Manual Integrations
APPROVED

MMDadoda
5/30/2018 1:50:07 PM



#96
1,2,3-Trichlorobenzene
Concen: 17.53 ug/l
RT: 14.02 min Scan# 2204
Delta R.T. -0.00 min
Lab File: VX002017.D
Acq: 26 May 2018 14:12

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.4	47.9	143.6
145	30.1	15.1	45.3

