

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX050718\
 Data File : VX001461.D
 Acq On : 07 May 2018 11:25
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 5/9/2018 5:47:31 PM

Quant Time: May 08 06:41:43 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X050518W.M
 Quant Title : SW846 8260
 QLast Update : Sun May 06 07:59:25 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	307556	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	382772	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	363765	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	269765	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	215859	48.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.66%	
35) Dibromofluoromethane	5.51	113	177516	52.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.28%	
50) Toluene-d8	8.72	98	659677	53.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.16%	
62) 4-Bromofluorobenzene	11.14	95	253883	53.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.44%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	204887	49.49	ug/l	99
3) Chloromethane	1.32	50	180258	44.70	ug/l	99
4) Vinyl Chloride	1.41	62	191876	45.60	ug/l	100
5) Bromomethane	1.64	94	98395	51.17	ug/l	99
6) Chloroethane	1.72	64	119057	42.80	ug/l	99
7) Trichlorofluoromethane	1.93	101	295583	46.67	ug/l	100
8) Diethyl Ether	2.19	74	106790	43.02	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.39	101	175044	47.14	ug/l	100
10) Methyl Iodide	2.51	142	250868	46.83	ug/l	98
11) Tert butyl alcohol	3.07	59	186256	199.84	ug/l	100
12) 1,1-Dichloroethene	2.37	96	153277	45.04	ug/l	96
13) Acrolein	2.29	56	34449	184.44	ug/l	92
14) Allyl chloride	2.73	41	283763	44.72	ug/l	98
15) Acrylonitrile	3.15	53	421483	200.12	ug/l	99
16) Acetone	2.45	43	430822	214.63	ug/l	100
17) Carbon Disulfide	2.57	76	392898	45.36	ug/l	100
18) Methyl Acetate	2.78	43	216146	40.99	ug/l	99
19) Methyl tert-butyl Ether	3.21	73	525811	44.38	ug/l	98
20) Methylene Chloride	2.86	84	166900	41.99	ug/l	98
21) trans-1,2-Dichloroethene	3.17	96	163212	42.97	ug/l	96
22) Diisopropyl ether	3.87	45	547359	46.17	ug/l	99
23) Vinyl Acetate	3.82	43	2308831	233.68	ug/l	100
24) 1,1-Dichloroethane	3.70	63	297741	44.96	ug/l	99
25) 2-Butanone	4.71	43	614417	211.75	ug/l	99
26) 2,2-Dichloropropane	4.59	77	256684	50.19	ug/l	100
27) cis-1,2-Dichloroethene	4.60	96	185155	45.77	ug/l	97
28) Bromochloromethane	5.03	49	146873	51.15	ug/l	98
29) Tetrahydrofuran	5.17	42	378640	203.96	ug/l	100
30) Chloroform	5.22	83	314473	46.10	ug/l	96
31) Cyclohexane	5.58	56	273507	48.08	ug/l	97
32) 1,1,1-Trichloroethane	5.50	97	286528	48.06	ug/l	99
36) 1,1-Dichloropropene	5.80	75	237436	48.77	ug/l	100
37) Ethyl Acetate	4.87	43	231915	43.45	ug/l	99
38) Carbon Tetrachloride	5.79	117	263249	50.69	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	299795	52.08	ug/l	99
40) Benzene	6.15	78	687930	48.37	ug/l	99
41) Methacrylonitrile	5.06	41	135951	44.52	ug/l	99
42) 1,2-Dichloroethane	6.20	62	261271	47.80	ug/l	100
43) Isopropyl Acetate	6.47	43	384028	46.87	ug/l	99
44) Trichloroethene	7.21	130	215650	49.61	ug/l	98
45) 1,2-Dichloropropane	7.52	63	172207	48.57	ug/l	97
46) Dibromomethane	7.67	93	118877	47.36	ug/l	99
47) Bromodichloromethane	7.90	83	233067	50.17	ug/l	100
48) Methyl methacrylate	7.78	41	207297	46.46	ug/l	99
49) 1,4-Dioxane	7.76	88	82599	856.94	ug/l	98
51) 4-Methyl-2-Pentanone	8.65	43	1242302	228.17	ug/l	100
52) Toluene	8.79	92	465457	50.05	ug/l	99
53) t-1,3-Dichloropropene	8.44	75	278814	53.11	ug/l	99
54) cis-1,3-Dichloropropene	9.04	75	258694	47.77	ug/l	98
55) 1,1,2-Trichloroethane	9.22	97	178590	47.67	ug/l	99
56) Ethyl methacrylate	9.18	69	261128	48.35	ug/l	100
57) 1,3-Dichloropropane	9.38	76	292832	47.27	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	604911	228.37	ug/l	100
59) 2-Hexanone	9.50	43	952102	228.36	ug/l	100
60) Dibromochloromethane	9.59	129	196767	51.29	ug/l	100
61) 1,2-Dibromoethane	9.68	107	190644	48.47	ug/l	99
64) Tetrachloroethene	9.34	164	253193	49.94	ug/l	98
65) Chlorobenzene	10.14	112	522707	49.00	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.23	131	195161	51.14	ug/l	100
67) Ethyl Benzene	10.26	91	876421	50.12	ug/l	100
68) m/p-Xylenes	10.36	106	711151	102.93	ug/l	98
69) o-Xylene	10.70	106	340021	50.64	ug/l	99
70) Styrene	10.71	104	563188	51.63	ug/l	99
71) Bromoform	10.86	173	158538	43.68	ug/l	100
73) Isopropylbenzene	11.02	105	924528	49.51	ug/l	100
74) N-amyl acetate	6.47	43	384028	45.27	ug/l #	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	248673	45.08	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	253865m	46.40	ug/l	
77) Bromobenzene	11.26	156	257342	47.40	ug/l	98
78) n-propylbenzene	11.37	91	1045011	51.39	ug/l	100
79) 2-Chlorotoluene	11.43	91	604935	48.34	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	784719	50.47	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	72429	42.88	ug/l	99
82) 4-Chlorotoluene	11.51	91	719549	49.84	ug/l	99
83) tert-Butylbenzene	11.77	119	766567	49.55	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	807529	50.53	ug/l	100
85) sec-Butylbenzene	11.95	105	962238	51.82	ug/l	100
86) p-Isopropyltoluene	12.07	119	898717	52.76	ug/l	100
87) 1,3-Dichlorobenzene	12.03	146	476012	49.05	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	482572	48.75	ug/l	100
89) n-Butylbenzene	12.39	91	752871	53.34	ug/l	100
90) Hexachloroethane	12.60	117	134157	52.30	ug/l	99
91) 1,2-Dichlorobenzene	12.40	146	471266	47.73	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.01	75	56346	46.50	ug/l	99

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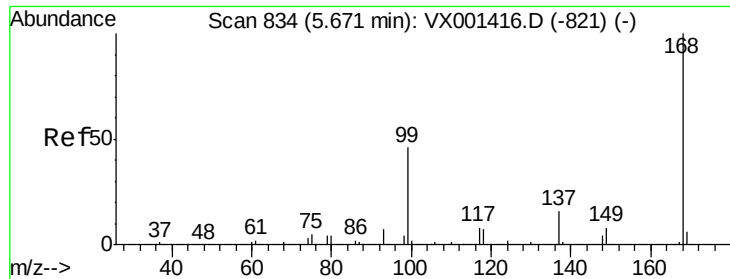
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	373405	51.68	ug/l	100
94) Hexachlorobutadiene	13.79	225	202979	51.34	ug/l	99
95) Naphthalene	13.84	128	979727	49.03	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	370026	49.91	ug/l	99

(#) = 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: VX001461.D

Acq: 07 May 2018 11:25

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:168 Resp: 307556

Ion Ratio Lower Upper

168 100

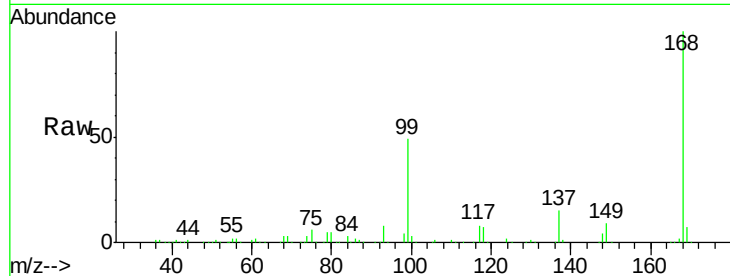
99 48.9 36.6 54.8

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

120000

100000

80000

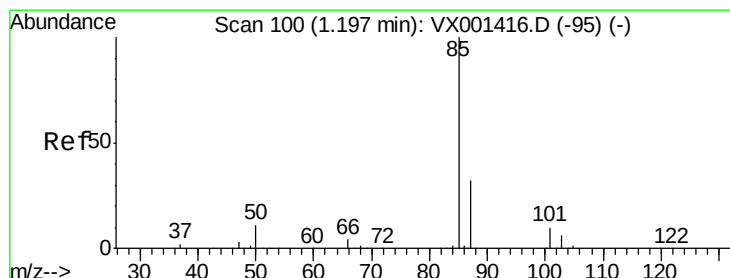
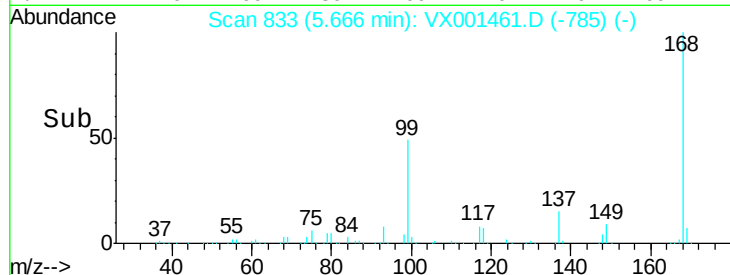
60000

40000

20000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 49.49 ug/l

RT: 1.20 min Scan# 100

Delta R.T. 0.00 min

Lab File: VX001461.D

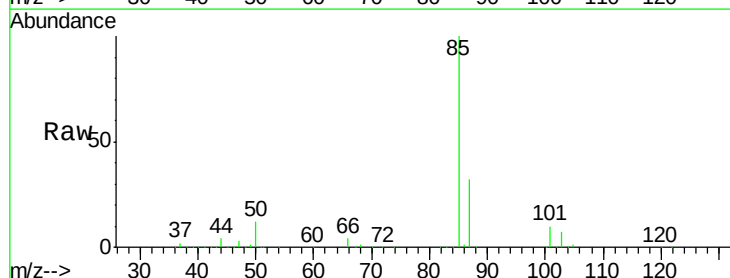
Acq: 07 May 2018 11:25

Tgt Ion: 85 Resp: 204887

Ion Ratio Lower Upper

85 100

87 32.0 16.2 48.6



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

200000

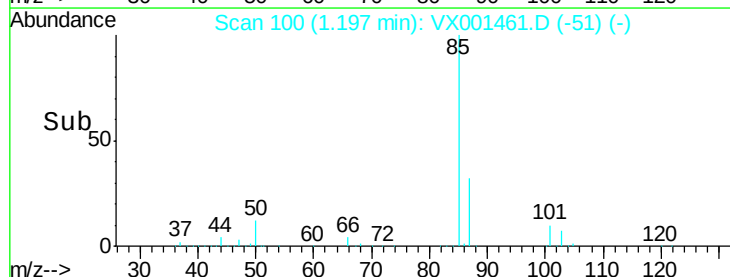
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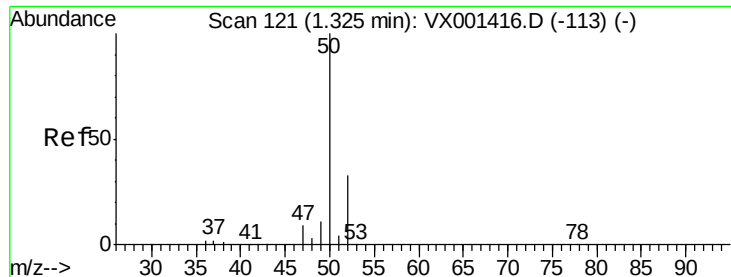
100000

50000

0

Time-->





#3

Chloromethane

Concen: 44.70 ug/l

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX001461.D

Acq: 07 May 2018 11:25

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 50 Resp: 180258

Ion Ratio Lower Upper

50 100

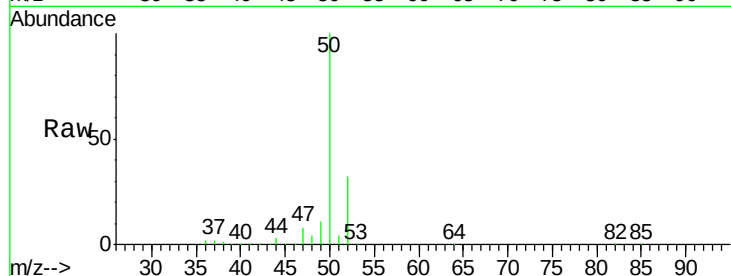
52 32.4 26.2 39.4

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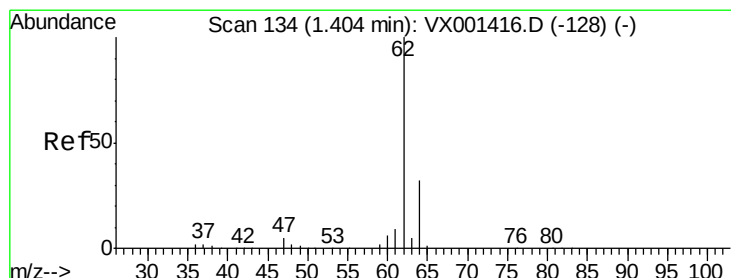
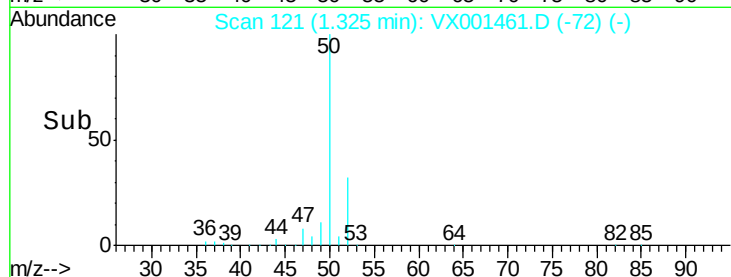
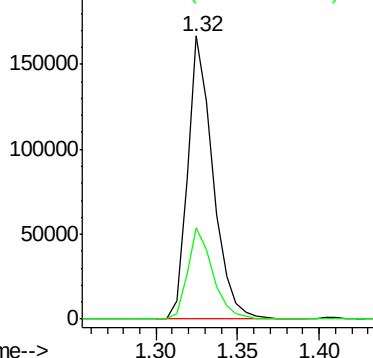
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Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 45.60 ug/l

RT: 1.41 min Scan# 135

Delta R.T. 0.01 min

Lab File: VX001461.D

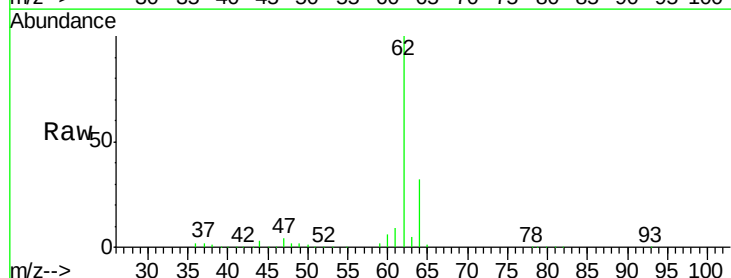
Acq: 07 May 2018 11:25

Tgt Ion: 62 Resp: 191876

Ion Ratio Lower Upper

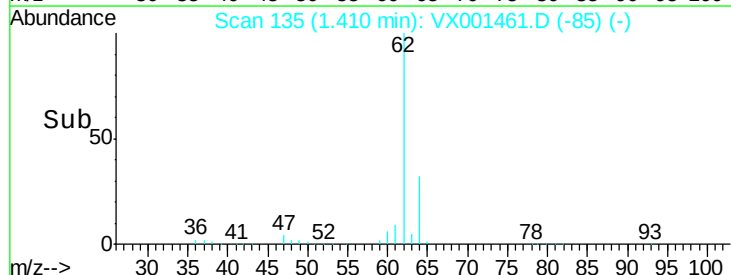
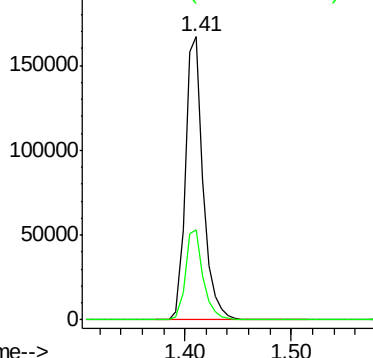
62 100

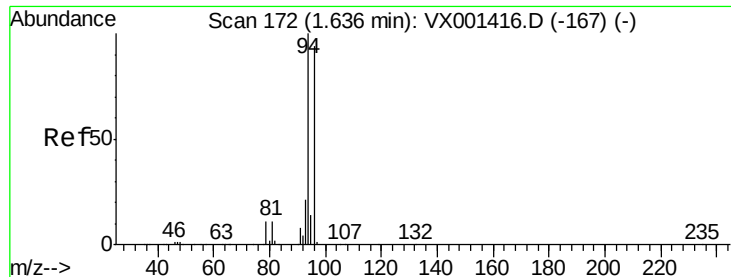
64 31.9 25.8 38.6



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 51.17 ug/l

RT: 1.64 min Scan# 172

Delta R.T. 0.00 min

Lab File: VX001461.D

Acq: 07 May 2018 11:25

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 94 Resp: 98395

Ion Ratio Lower Upper

94 100

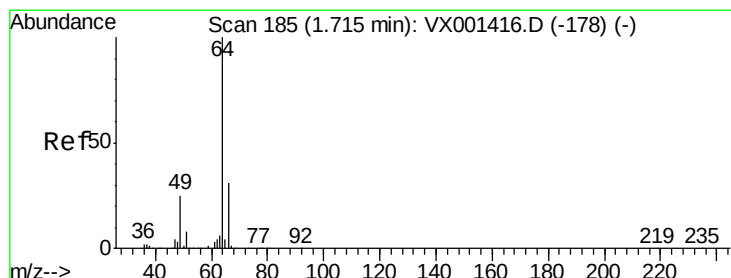
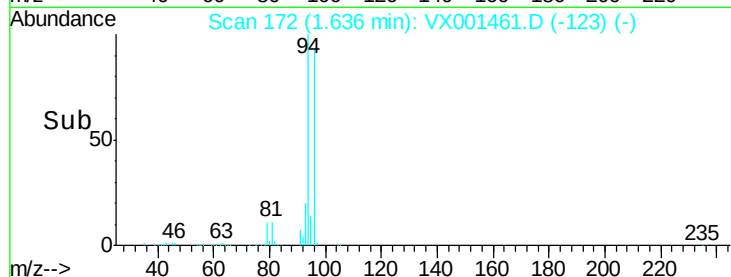
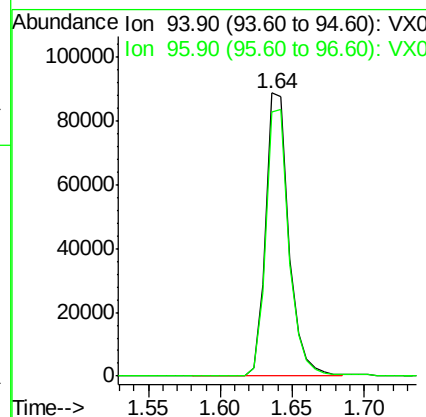
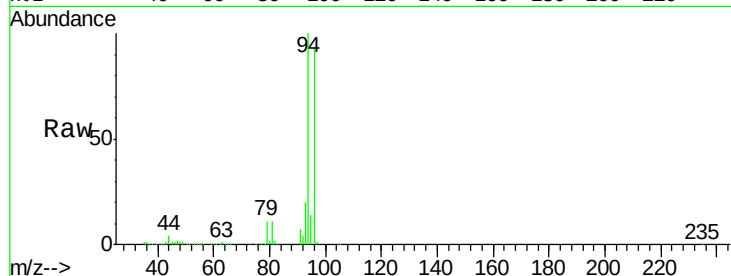
96 93.2 75.0 112.6

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#6

Chloroethane

Concen: 42.80 ug/l

RT: 1.72 min Scan# 186

Delta R.T. 0.01 min

Lab File: VX001461.D

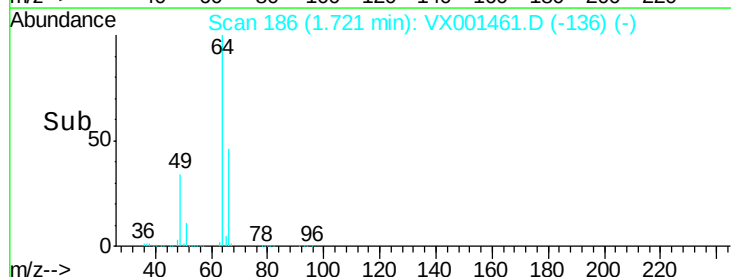
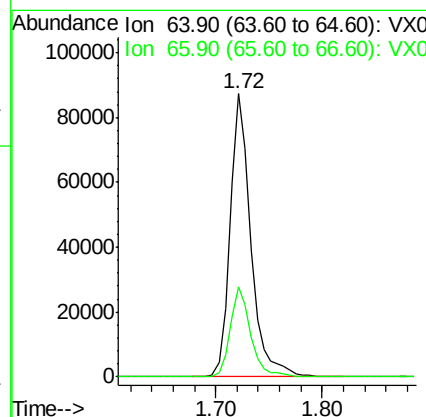
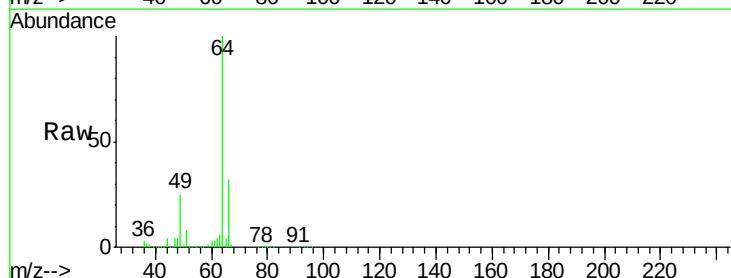
Acq: 07 May 2018 11:25

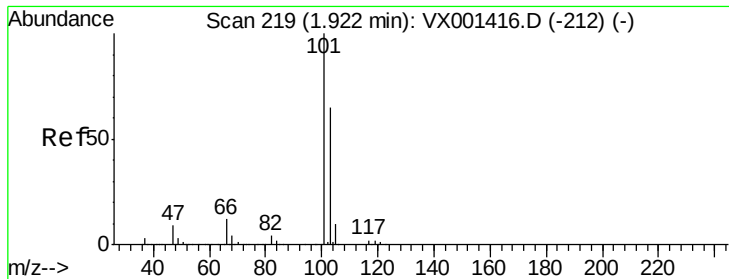
Tgt Ion: 64 Resp: 119057

Ion Ratio Lower Upper

64 100

66 32.0 25.1 37.7





#7

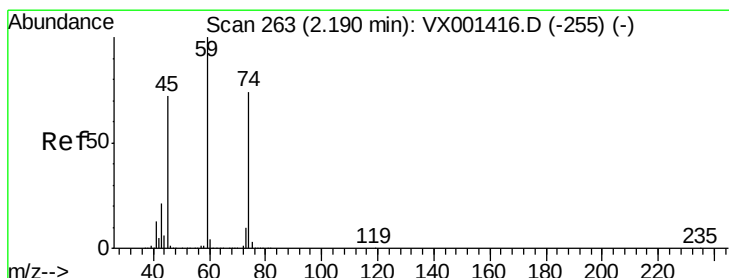
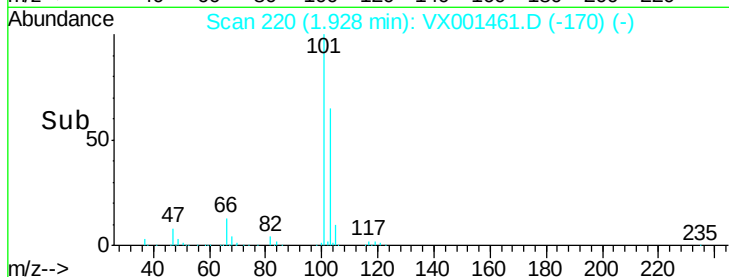
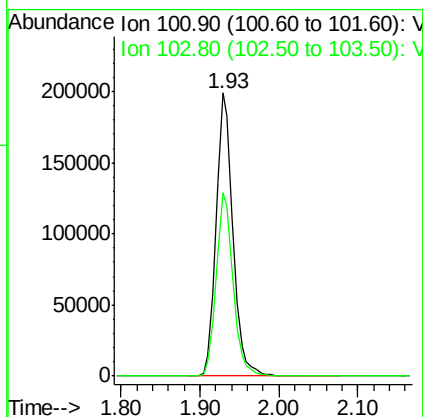
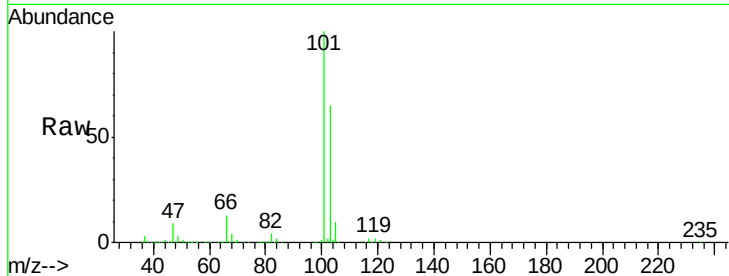
Trichlorofluoromethane
Concen: 46.67 ug/l
RT: 1.93 min Scan# 220
Delta R.T. 0.01 min
Lab File: VX001461.D
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Tot Ion	Ratio	Resp	Lower	Upper
101	100	295583		
103	65.0	52.0	78.0	

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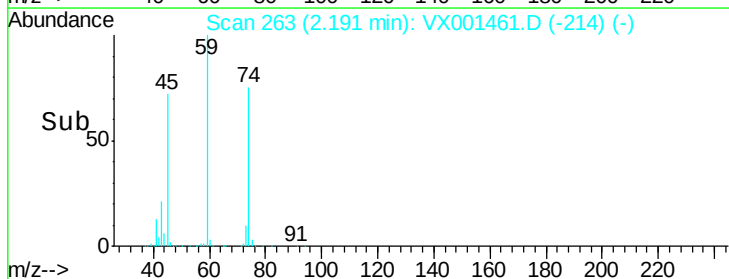
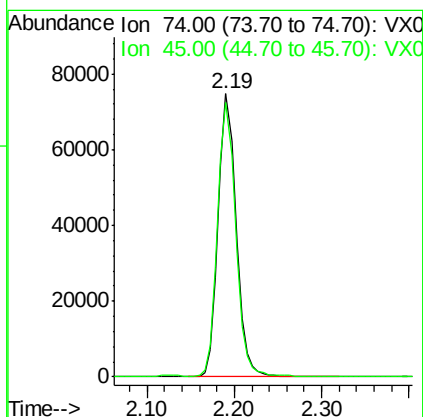
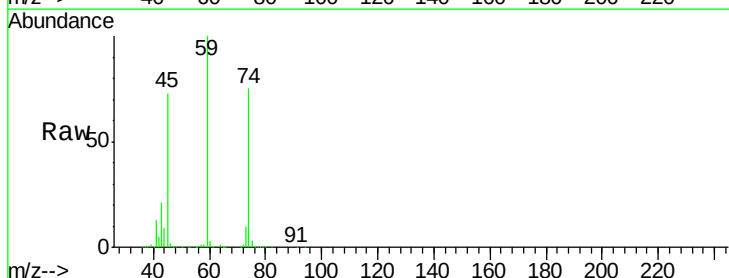
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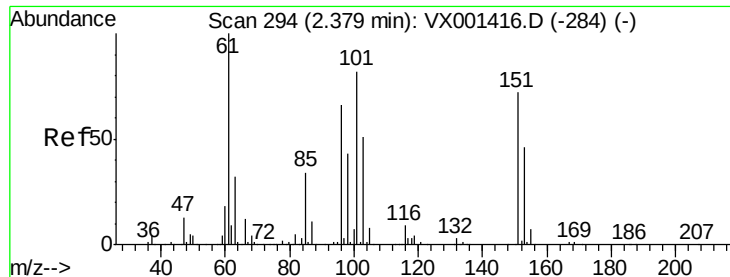


#8

Diethyl Ether
Concen: 43.02 ug/l
RT: 2.19 min Scan# 263
Delta R.T. 0.00 min
Lab File: VX001461.D
Acq: 07 May 2018 11:25

Tgt Ion	Ratio	Resp	Lower	Upper
74	100	106790		
45	97.5	47.9	143.6	





#9

1,1,2-Trichlorotrifluoroethane

Concen: 47.14 ug/l

RT: 2.39 min Scan# 295

Delta R.T. 0.01 min

Lab File: VX001461.D

Acq: 07 May 2018 11:25

Instrument :

MSVOA_X

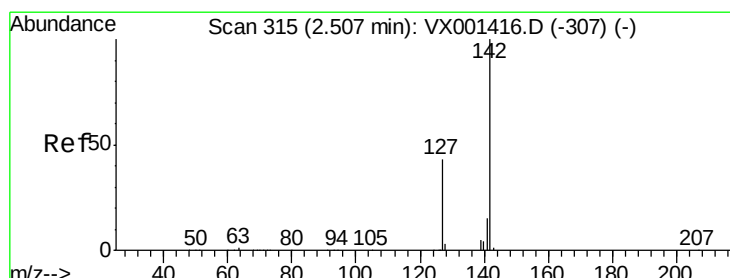
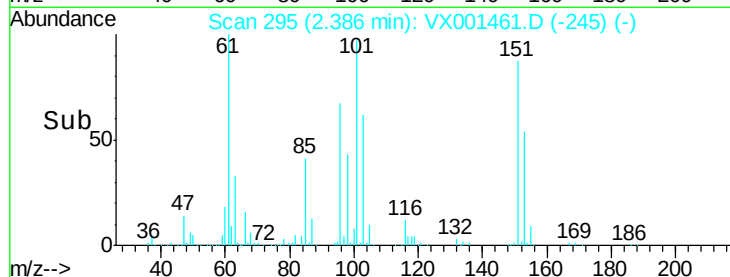
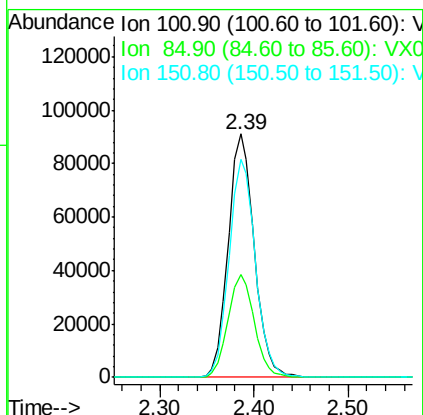
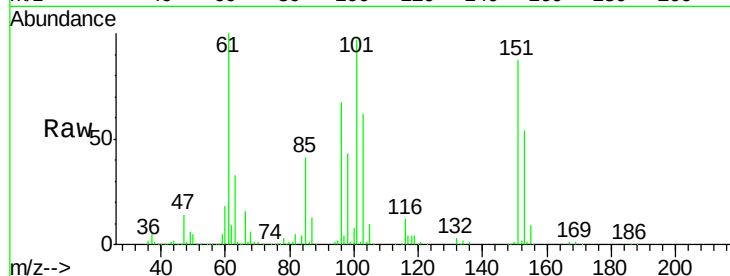
ClientSampleId :

VSTDCCC050

Tot Ion:	101	Resp:	175044
Ion Ratio	Lower	Upper	
101	100		
85	42.9	33.7	50.5
151	90.5	72.3	108.5

Manual Integrations
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#10

Methyl Iodide

Concen: 46.83 ug/l

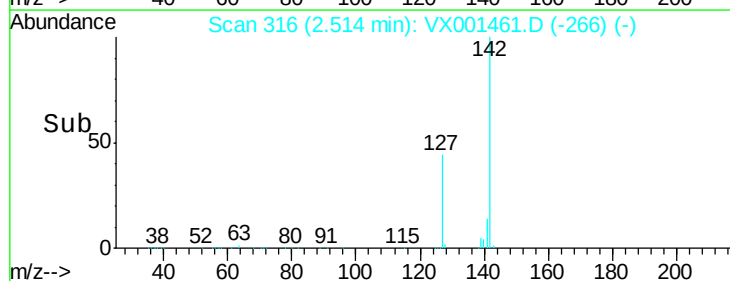
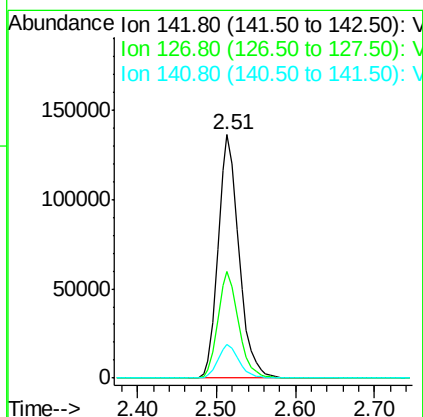
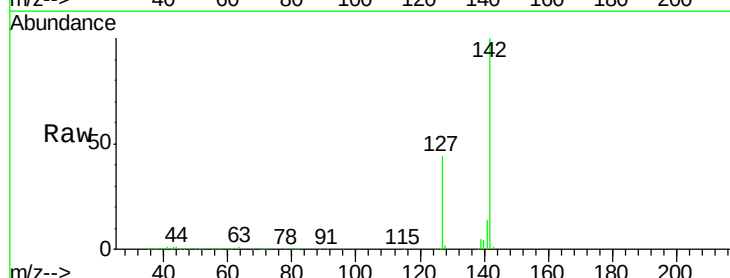
RT: 2.51 min Scan# 316

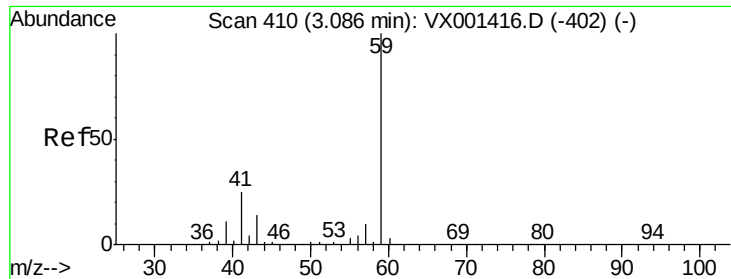
Delta R.T. 0.01 min

Lab File: VX001461.D

Acq: 07 May 2018 11:25

Tgt Ion:	142	Resp:	250868
Ion Ratio	Lower	Upper	
142	100		
127	43.5	33.6	50.4
141	14.0	11.4	17.2





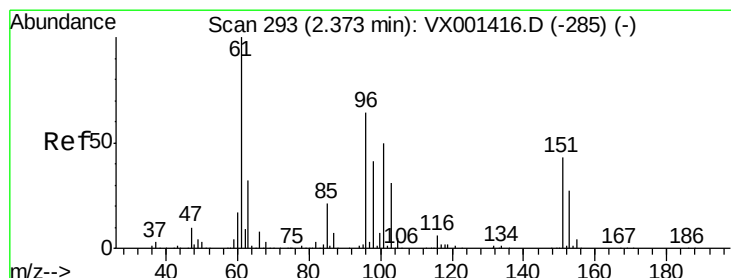
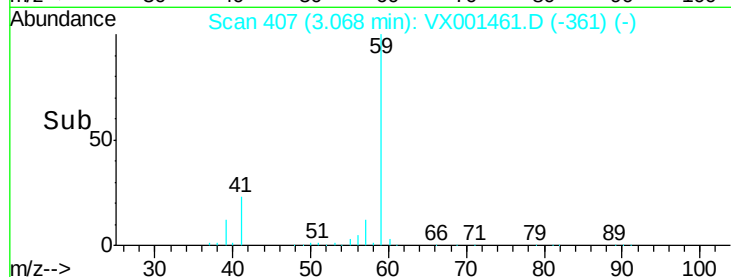
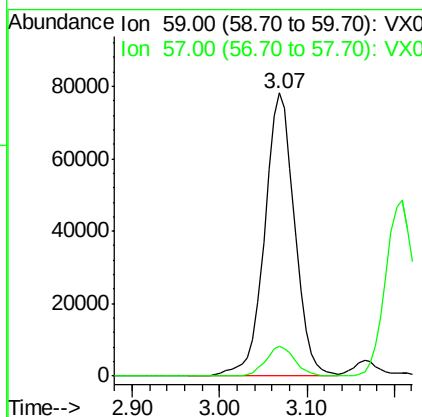
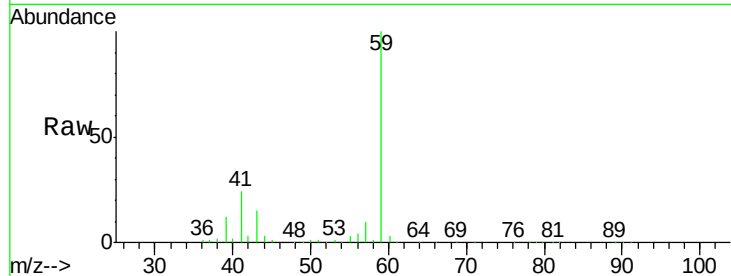
#11
Tert butyl alcohol
Concen: 199.84 ug/l
RT: 3.07 min Scan# 407
Delta R.T. -0.02 min
Lab File: VX001461.D
Acq: 07 May 2018 11:25

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.3	8.2	12.4

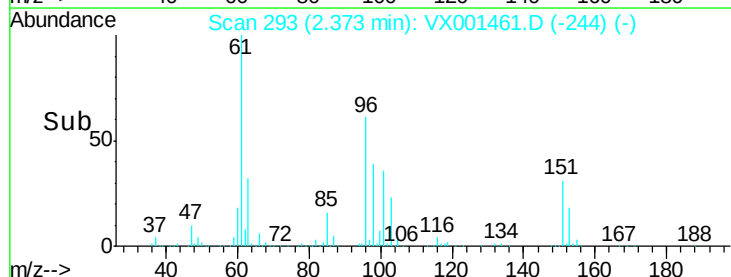
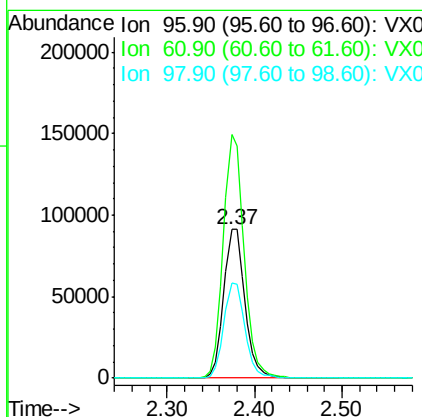
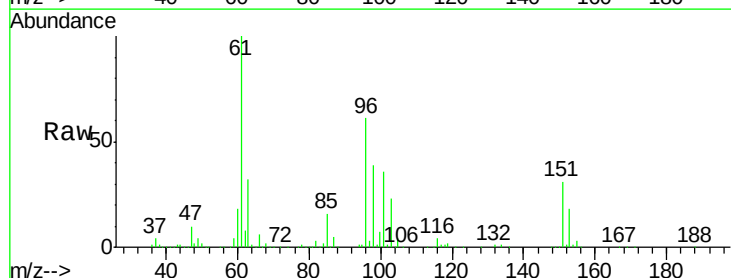
Manual Integrations
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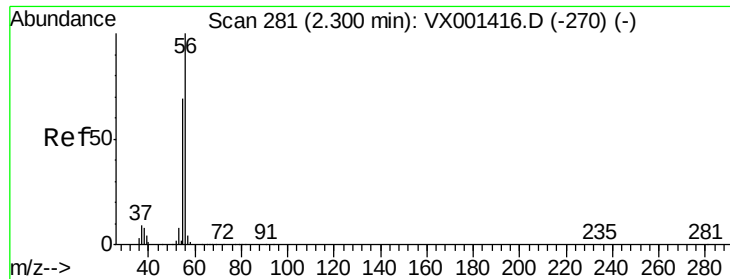
MMDadoda
5/9/2018 5:47:31 PM



#12
1,1-Dichloroethene
Concen: 45.04 ug/l
RT: 2.37 min Scan# 293
Delta R.T. 0.00 min
Lab File: VX001461.D
Acq: 07 May 2018 11:25

Tgt Ion	Ratio	Lower	Upper
96	100		
61	163.7	125.7	188.5
98	63.8	52.0	78.0





#13

Acrolein

Concen: 184.44 ug/l

RT: 2.29 min Scan# 280

Delta R.T. -0.01 min

Lab File: VX001461.D

Acq: 07 May 2018 11:25

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 56 Resp: 34449

Ion Ratio Lower Upper

56 100

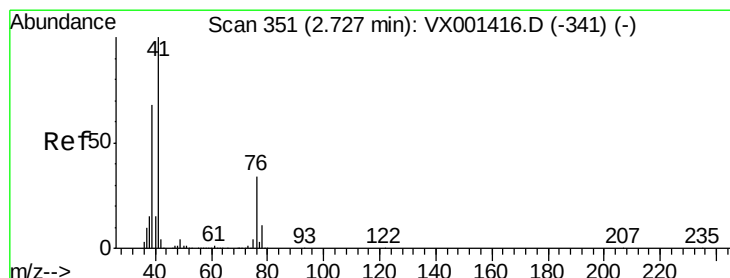
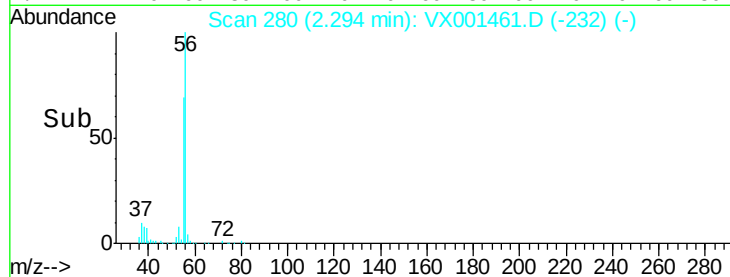
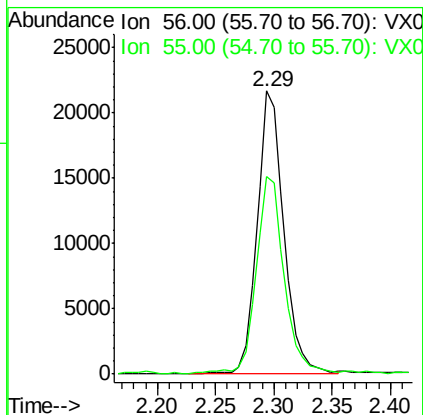
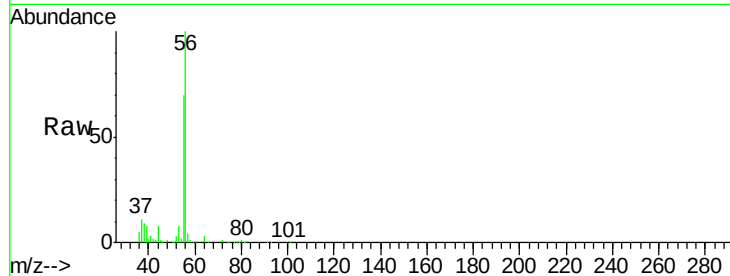
55 74.7 54.5 81.7

Manual Integrations

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#14

Allyl chloride

Concen: 44.72 ug/l

RT: 2.73 min Scan# 351

Delta R.T. 0.00 min

Lab File: VX001461.D

Acq: 07 May 2018 11:25

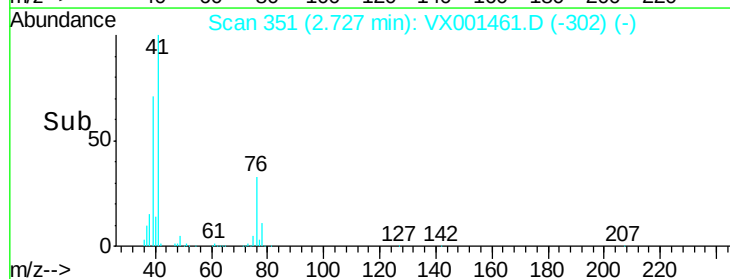
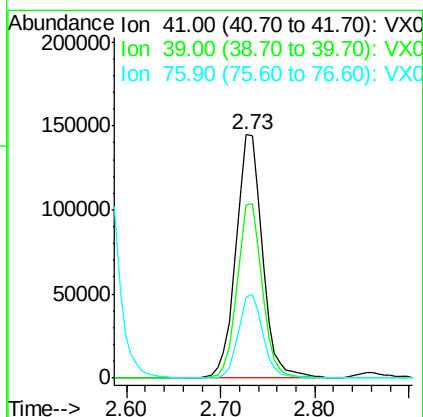
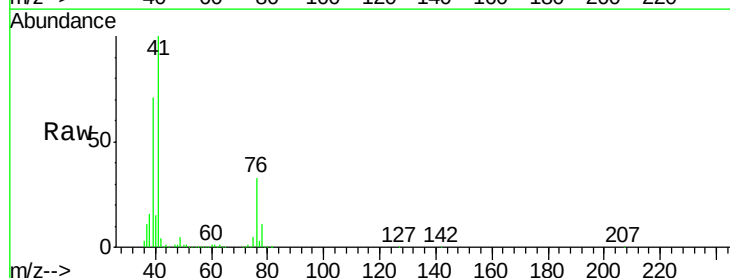
Tgt Ion: 41 Resp: 283763

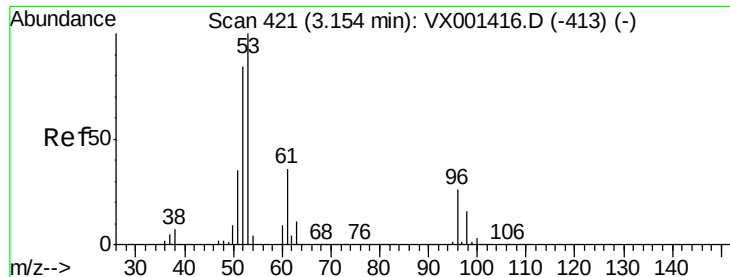
Ion Ratio Lower Upper

41 100

39 67.9 52.4 78.6

76 31.9 25.8 38.6





#15

Acrylonitrile

Concen: 200.12 ug/l

RT: 3.15 min Scan# 421

Delta R.T. 0.00 min

Lab File: VX001461.D

Acq: 07 May 2018 11:25

Instrument :

MSVOA_X

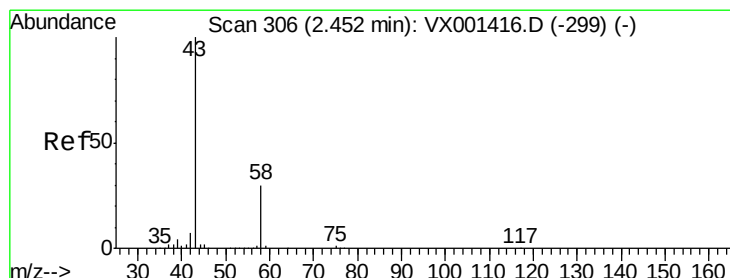
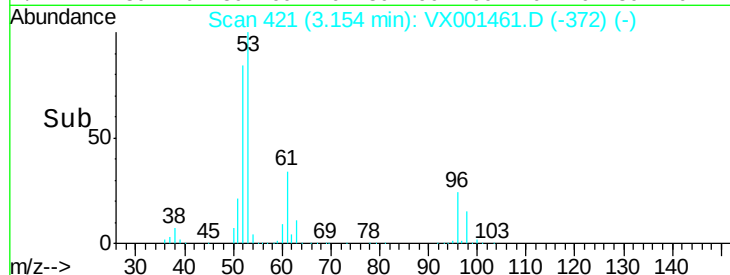
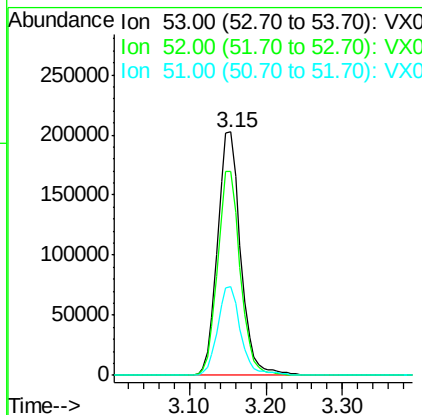
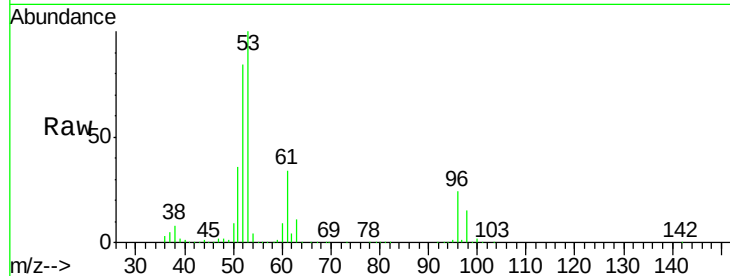
ClientSampleId :

VSTDCCC050

Tot Ion:	53	Resp:	421483
Ion	Ratio	Lower	Upper
53	100		
52	82.7	66.2	99.2
51	36.8	28.6	43.0

Manual Integrations
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#16

Acetone

Concen: 214.63 ug/l

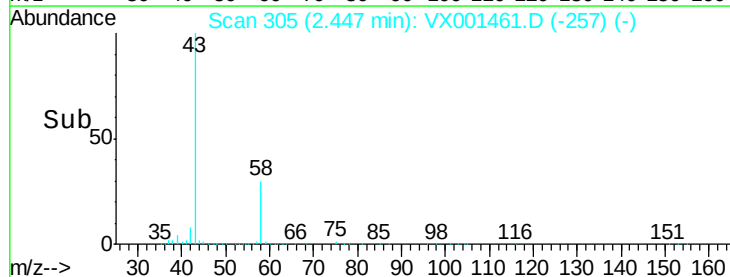
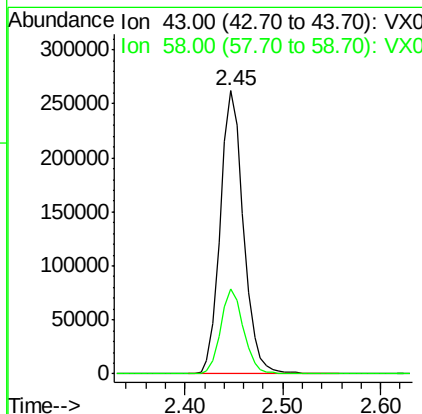
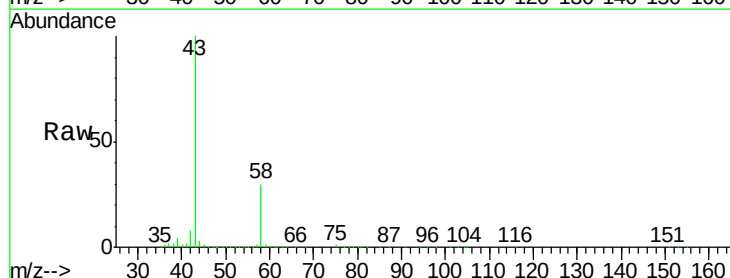
RT: 2.45 min Scan# 305

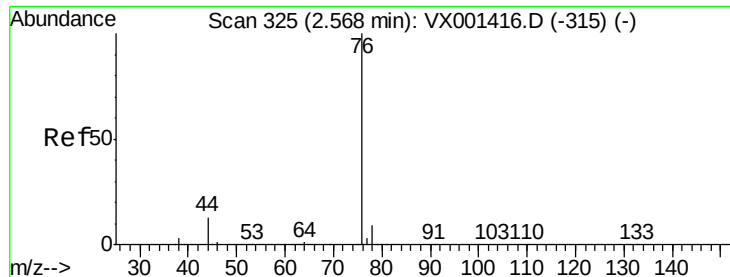
Delta R.T. -0.01 min

Lab File: VX001461.D

Acq: 07 May 2018 11:25

Tgt Ion:	43	Resp:	430822
Ion	Ratio	Lower	Upper
43	100		
58	29.9	23.8	35.8





#17

Carbon Disulfide

Concen: 45.36 ug/l

RT: 2.57 min Scan# 326

Delta R.T. 0.01 min

Lab File: VX001461.D

Acq: 07 May 2018 11:25

Instrument :

MSVOA_X

ClientSampled :

VSTDCCC050

Tot Ion: 76 Resp: 392898

Ion Ratio Lower Upper

76 100

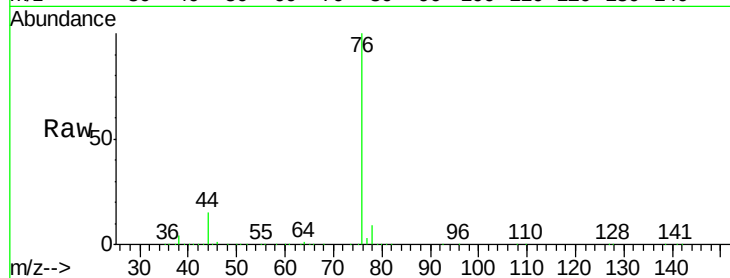
78 9.1 7.4 11.2

Manual Integrations

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Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

250000

200000

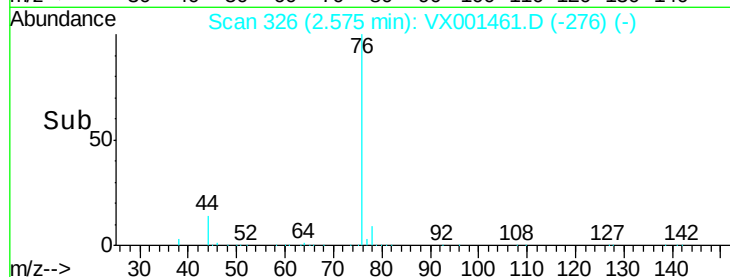
150000

100000

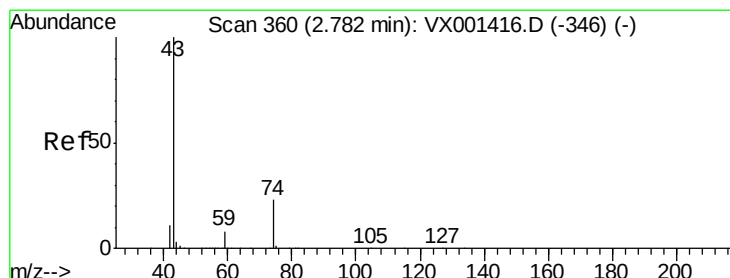
50000

0

Time-->



Time-->



#18

Methyl Acetate

Concen: 40.99 ug/l

RT: 2.78 min Scan# 359

Delta R.T. -0.01 min

Lab File: VX001461.D

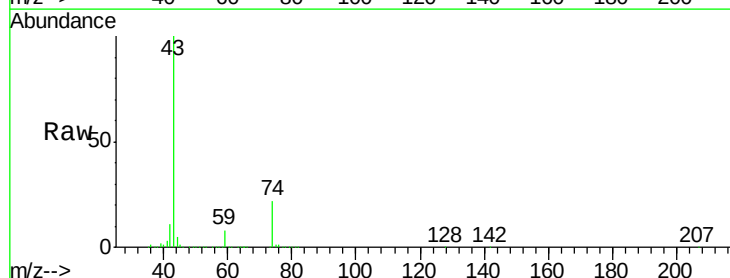
Acq: 07 May 2018 11:25

Tgt Ion: 43 Resp: 216146

Ion Ratio Lower Upper

43 100

74 23.9 18.6 27.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

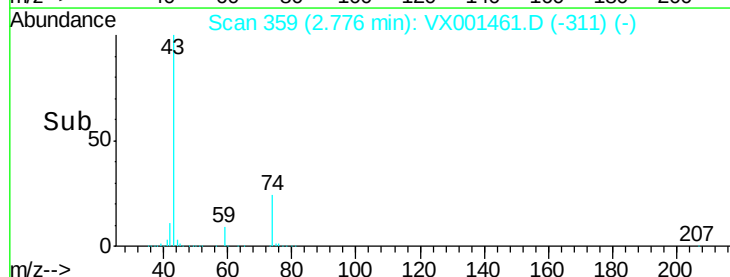
Ion 74.00 (73.70 to 74.70): VX0

100000

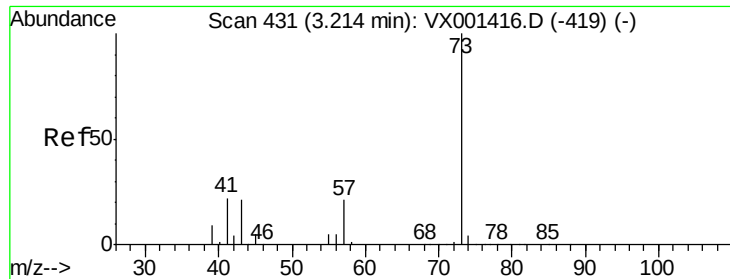
50000

0

Time-->



Time-->



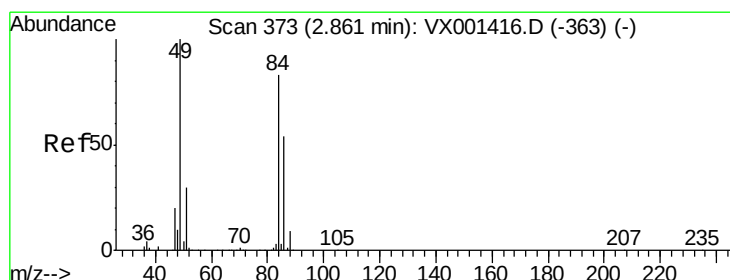
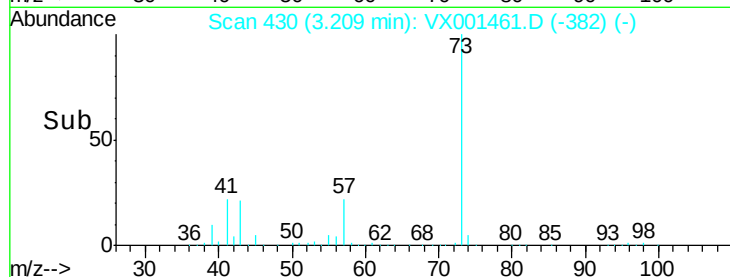
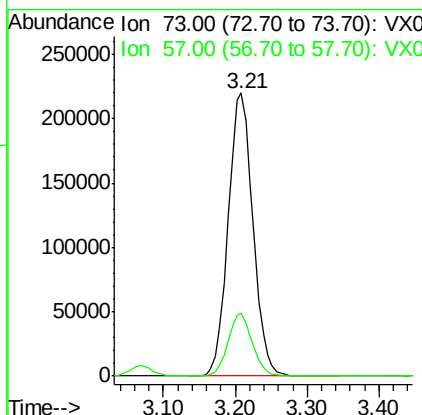
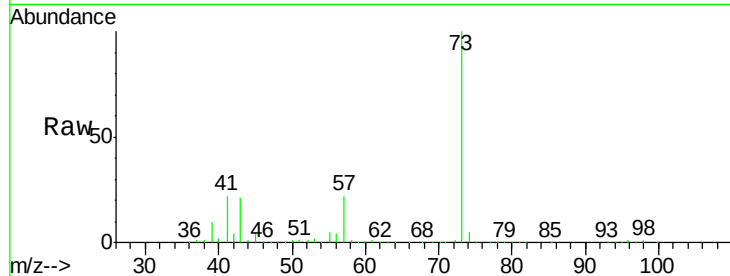
#19
Methyl tert-butyl Ether
Concen: 44.38 ug/l
RT: 3.21 min Scan# 430
Delta R.T. -0.01 min
Lab File: VX001461.D
Acq: 07 May 2018 11:25

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
73	100		
57	22.1	17.0	25.6

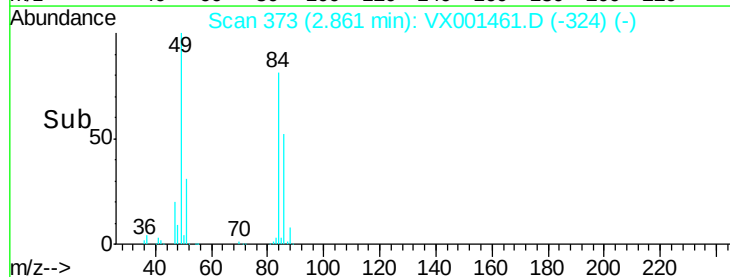
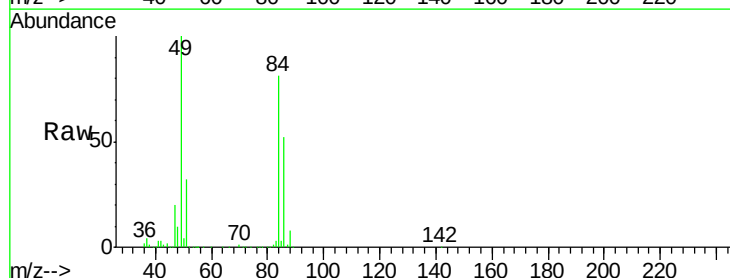
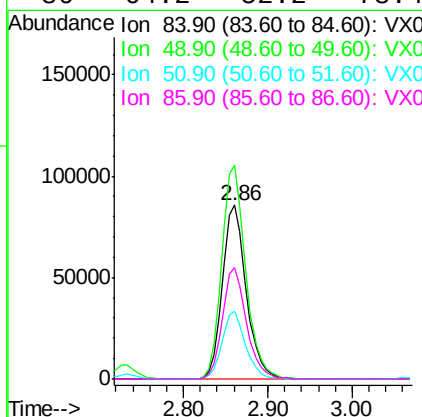
Manual Integrations
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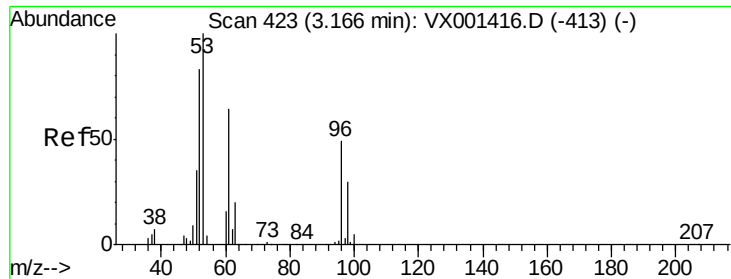
MMDadoda
5/9/2018 5:47:31 PM



#20
Methylene Chloride
Concen: 41.99 ug/l
RT: 2.86 min Scan# 373
Delta R.T. 0.00 min
Lab File: VX001461.D
Acq: 07 May 2018 11:25

Tgt Ion	Ratio	Lower	Upper
84	100		
49	122.9	96.6	144.8
51	38.7	29.0	43.4
86	64.2	52.2	78.4





#21

trans-1,2-Dichloroethene

Concen: 42.97 ug/l

RT: 3.17 min Scan# 423

Delta R.T. 0.00 min

Lab File: VX001461.D

Acq: 07 May 2018 11:25

Instrument :

MSVOA_X

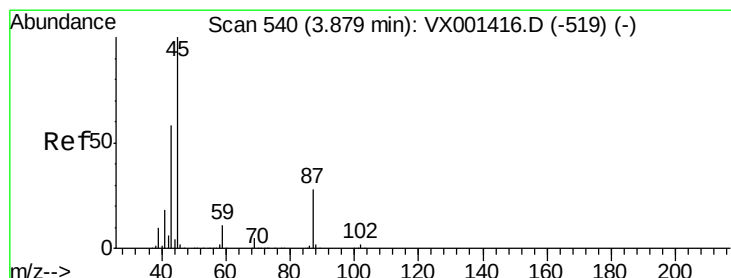
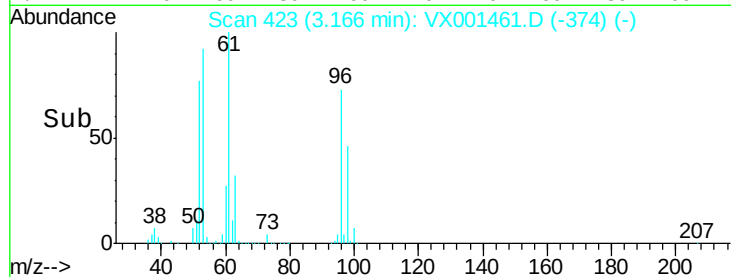
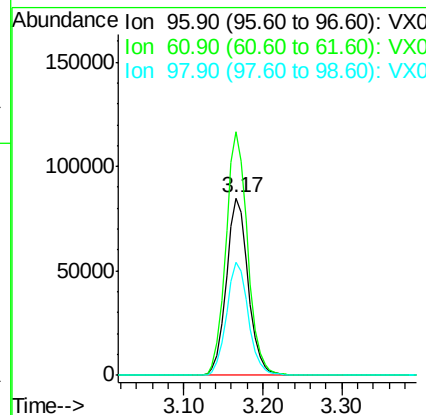
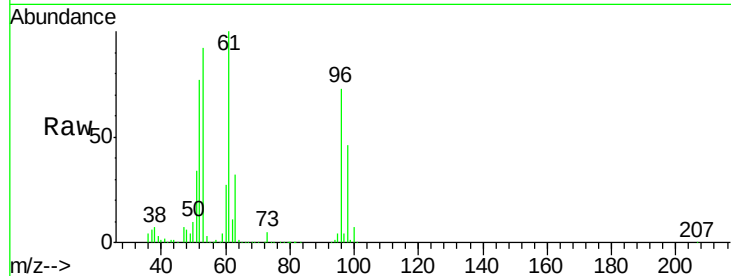
ClientSampleId :

VSTDCCC050

Tot Ion:	96	Resp:	163212
Ion	Ratio	Lower	Upper
96	100		
61	137.3	105.0	157.4
98	63.8	49.9	74.9

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#22

Diisopropyl ether

Concen: 46.17 ug/l

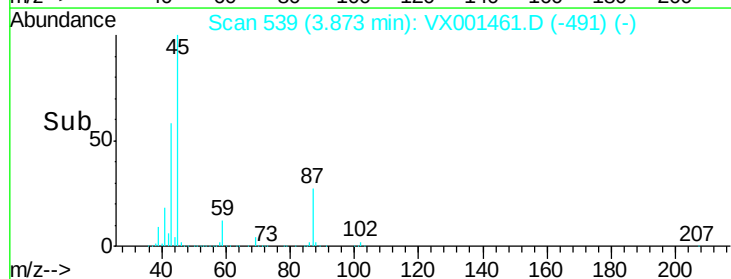
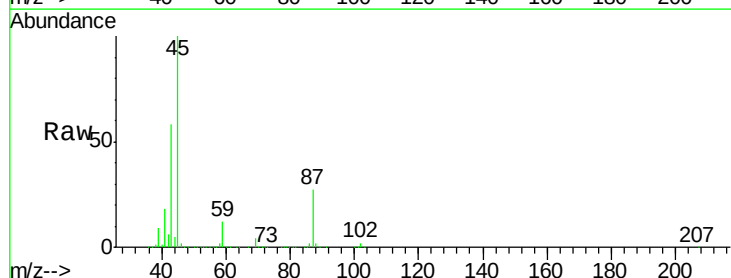
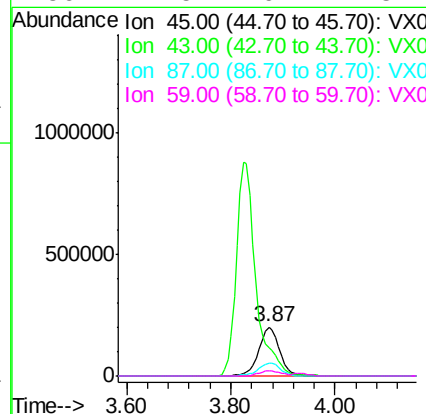
RT: 3.87 min Scan# 539

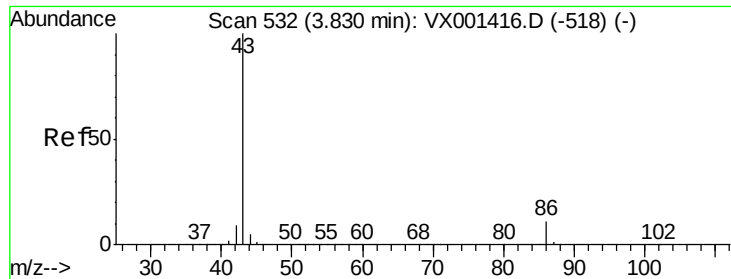
Delta R.T. -0.01 min

Lab File: VX001461.D

Acq: 07 May 2018 11:25

Tgt Ion:	45	Resp:	547359
Ion	Ratio	Lower	Upper
45	100		
43	58.4	46.5	69.7
87	27.2	22.6	34.0
59	11.5	9.1	13.7





#23

Vinyl Acetate

Concen: 233.68 ug/l

RT: 3.82 min Scan# 531

Delta R.T. -0.01 min

Lab File: VX001461.D

Acq: 07 May 2018 11:25

Instrument :

MSVOA_X

ClientSampled :

VSTDCCC050

Tot Ion: 43 Resp: 2308831

Ion Ratio Lower Upper

43 100

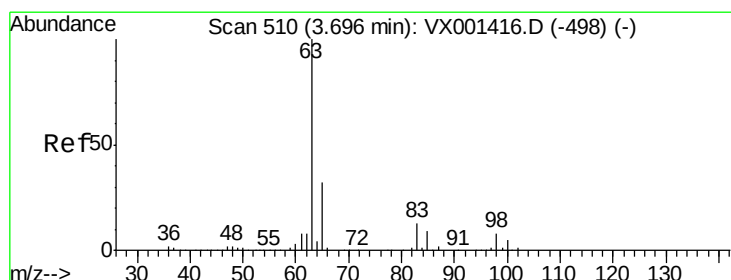
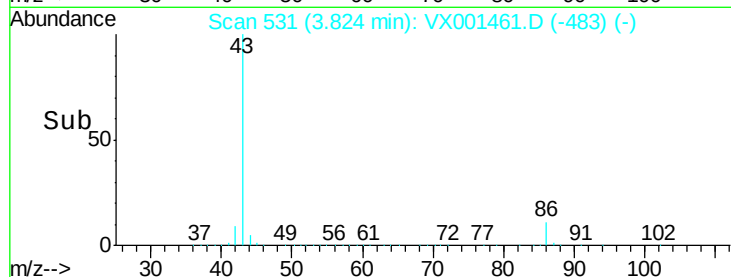
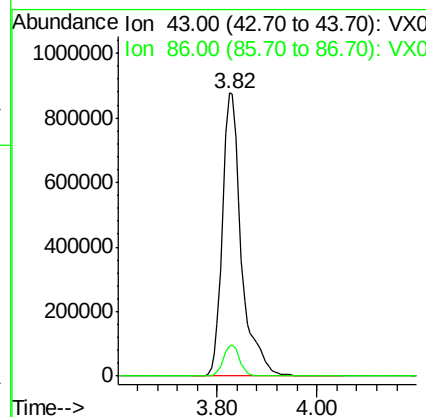
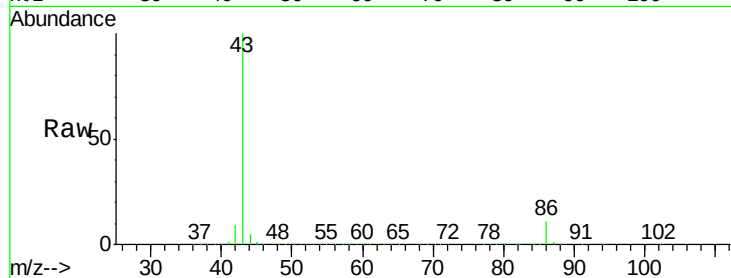
86 10.7 8.6 13.0

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 44.96 ug/l

RT: 3.70 min Scan# 511

Delta R.T. 0.01 min

Lab File: VX001461.D

Acq: 07 May 2018 11:25

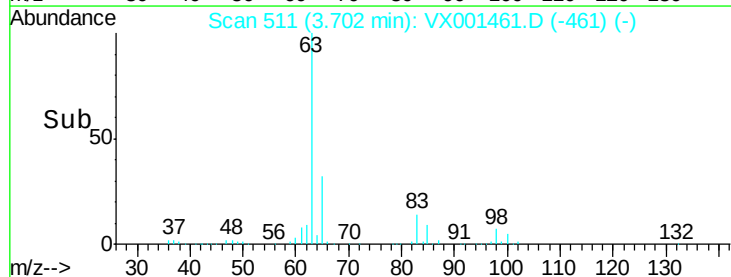
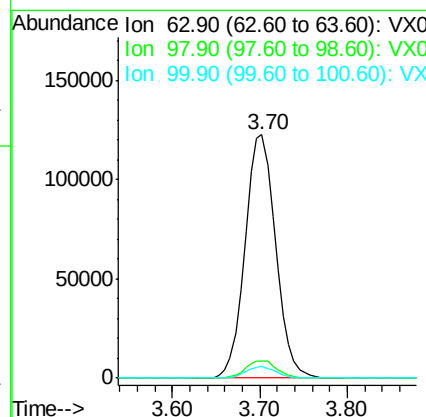
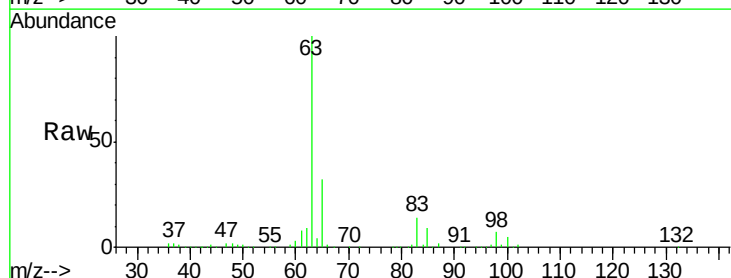
Tgt Ion: 63 Resp: 297741

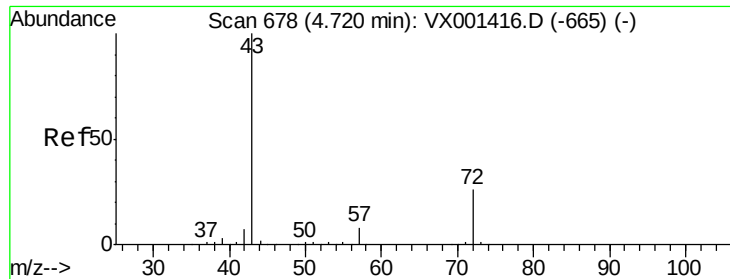
Ion Ratio Lower Upper

63 100

98 7.0 3.8 11.4

100 4.8 2.4 7.1





#25

2-Butanone

Concen: 211.75 ug/l

RT: 4.71 min Scan# 676

Delta R.T. -0.01 min

Lab File: VX001461.D

Acq: 07 May 2018 11:25

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 614417

Ion Ratio Lower Upper

43 100

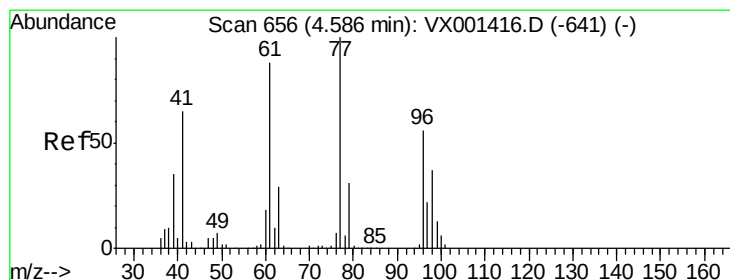
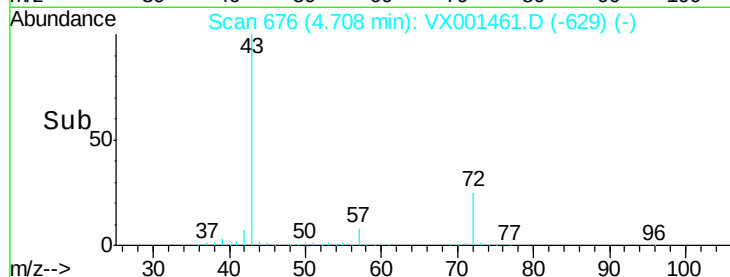
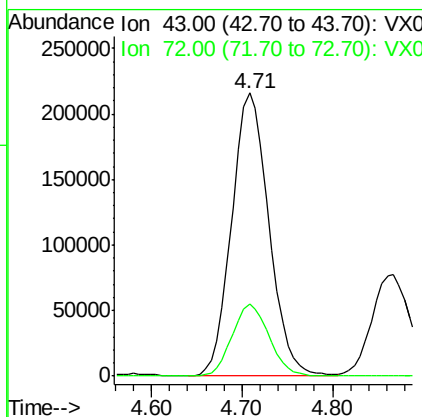
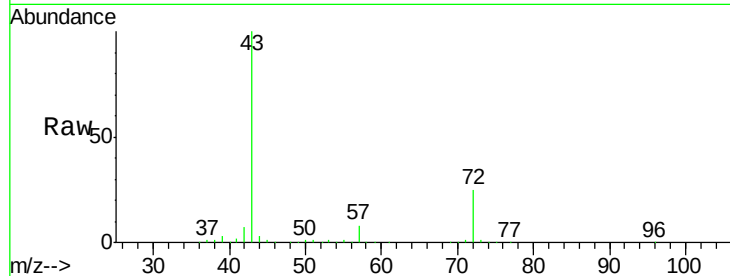
72 25.3 20.7 31.1

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 50.19 ug/l

RT: 4.59 min Scan# 656

Delta R.T. 0.00 min

Lab File: VX001461.D

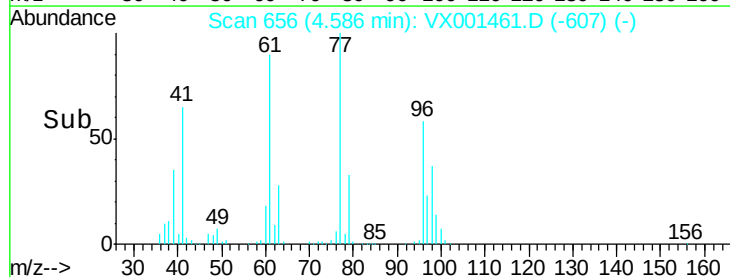
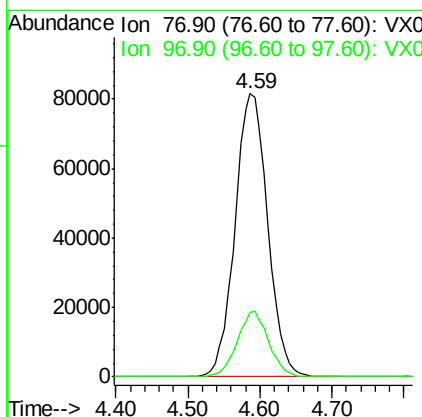
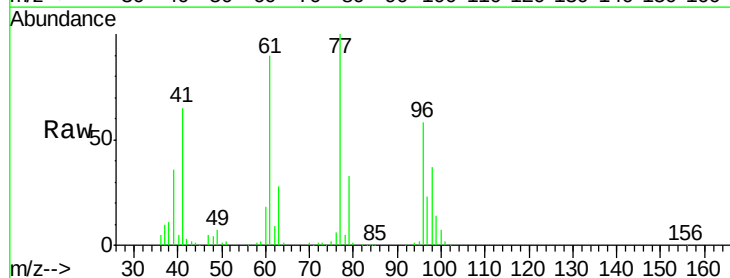
Acq: 07 May 2018 11:25

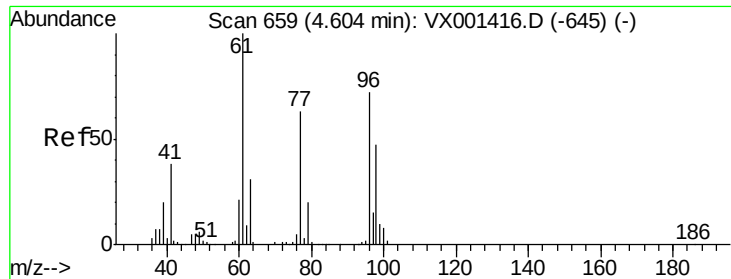
Tgt Ion: 77 Resp: 256684

Ion Ratio Lower Upper

77 100

97 22.3 11.2 33.6





#27

cis-1,2-Dichloroethene

Concen: 45.77 ug/l

RT: 4.60 min Scan# 659

Delta R.T. 0.00 min

Lab File: VX001461.D

Acq: 07 May 2018 11:25

Instrument :

MSVOA_X

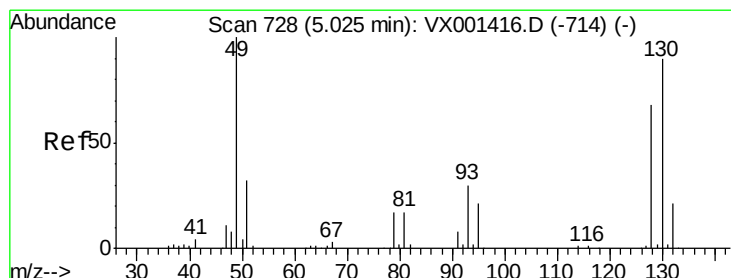
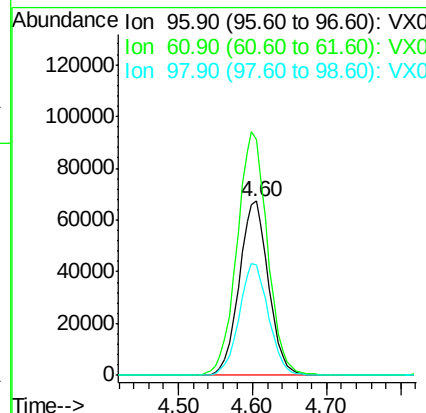
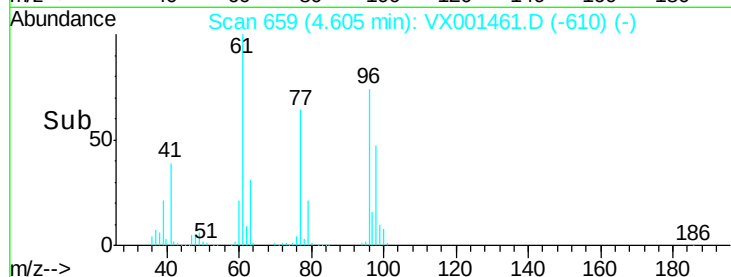
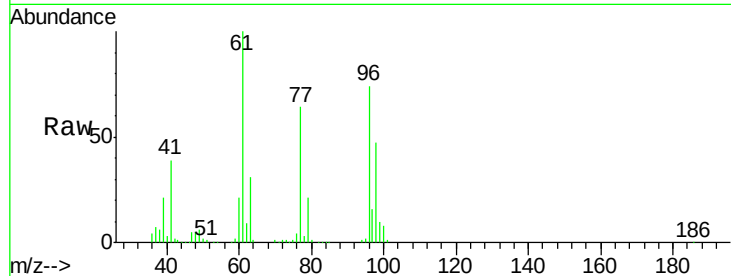
ClientSampleId :

VSTDCCC050

Tot Ion:	96	Resp:	185155
Ion	Ratio	Lower	Upper
96	100		
61	145.7	0.0	301.6
98	64.6	0.0	131.6

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#28

Bromochloromethane

Concen: 51.15 ug/l

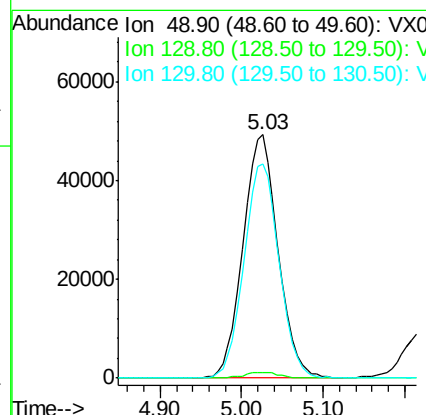
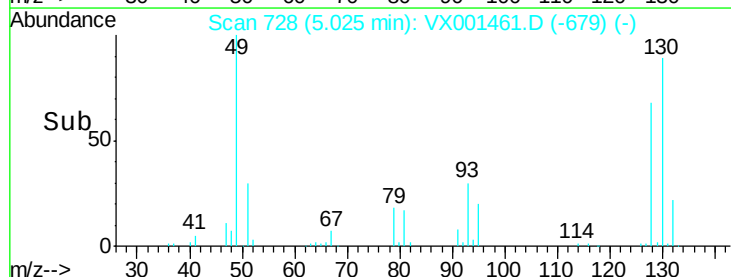
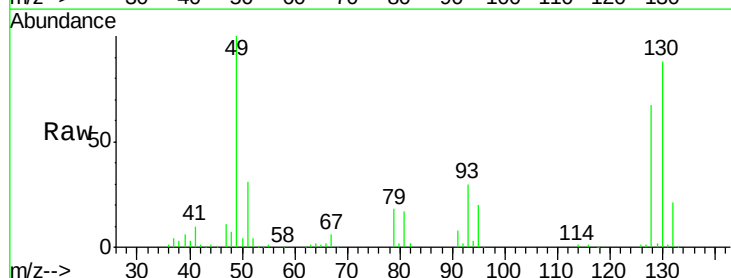
RT: 5.03 min Scan# 728

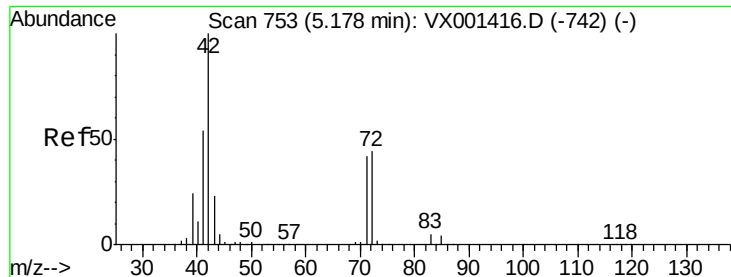
Delta R.T. 0.00 min

Lab File: VX001461.D

Acq: 07 May 2018 11:25

Tgt Ion:	49	Resp:	146873
Ion	Ratio	Lower	Upper
49	100		
129	2.4	0.0	4.8
130	88.3	71.9	107.9





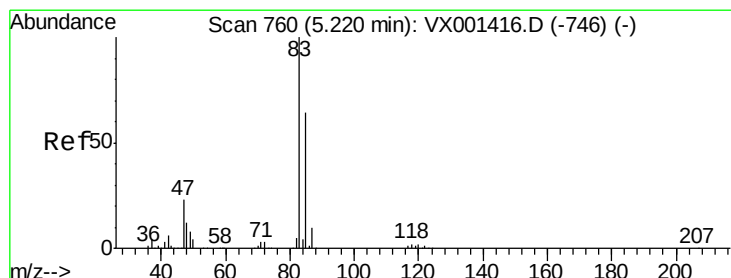
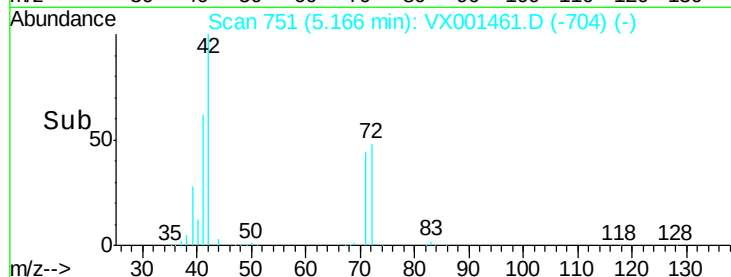
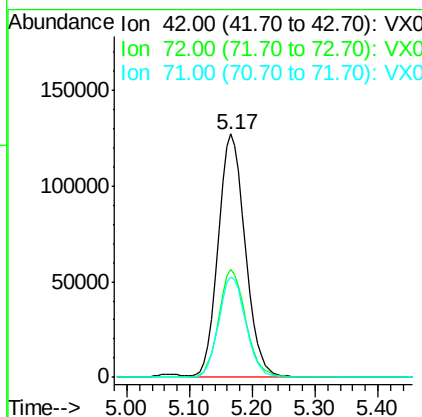
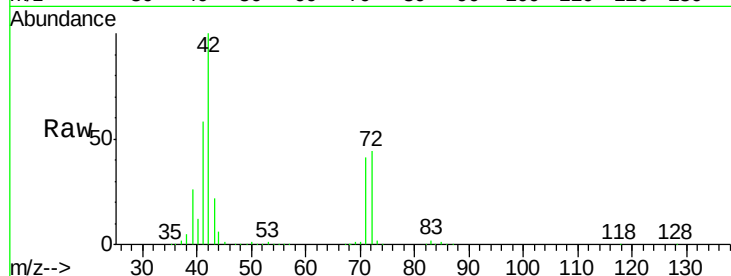
#29
Tetrahydrofuran
Concen: 203.96 ug/l
RT: 5.17 min Scan# 751
Delta R.T. -0.01 min
Lab File: VX001461.D
Acq: 07 May 2018 11:25

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
42	100		
72	44.6	35.4	53.2
71	41.5	33.0	49.4

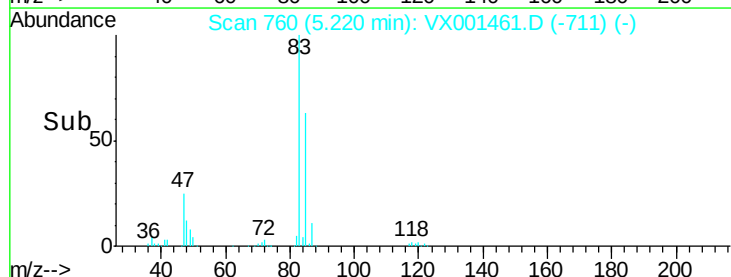
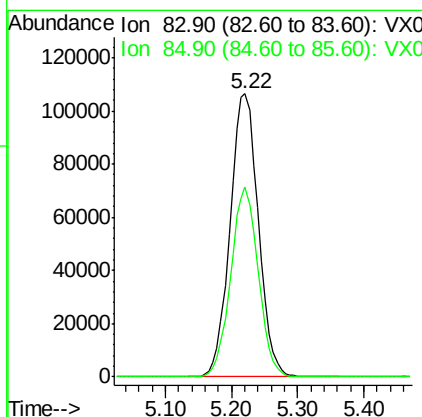
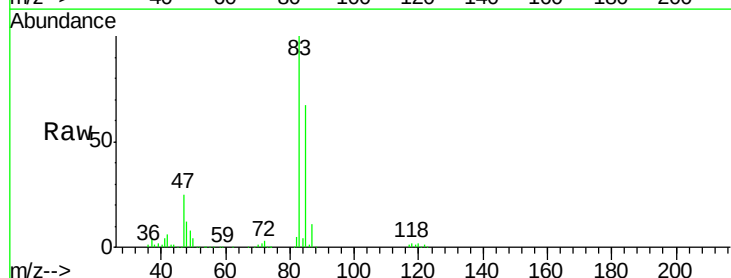
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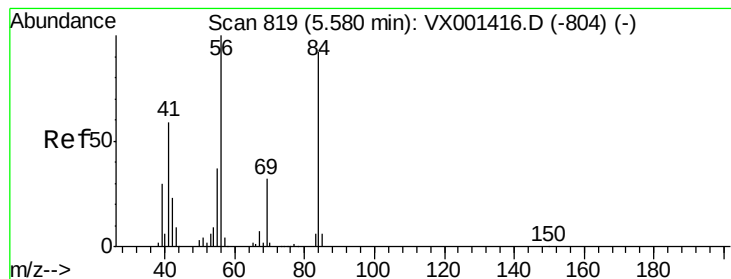
MMDadoda
5/9/2018 5:47:31 PM



#30
Chloroform
Concen: 46.10 ug/l
RT: 5.22 min Scan# 760
Delta R.T. 0.00 min
Lab File: VX001461.D
Acq: 07 May 2018 11:25

Tgt Ion	Ratio	Lower	Upper
83	100		
85	67.1	51.0	76.4





#31

Cyclohexane

Concen: 48.08 ug/l

RT: 5.58 min Scan# 819

Delta R.T. 0.00 min

Lab File: VX001461.D

Acq: 07 May 2018 11:25

Instrument :

MSVOA_X

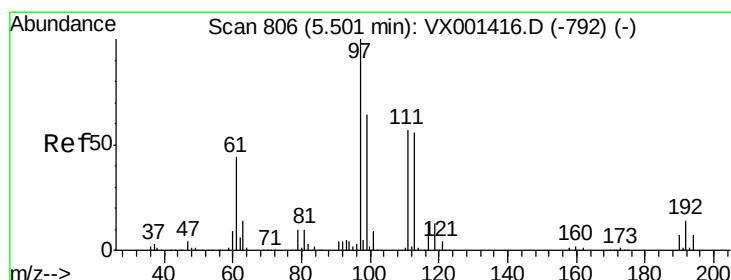
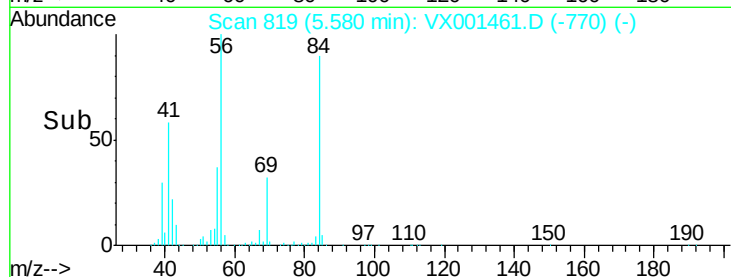
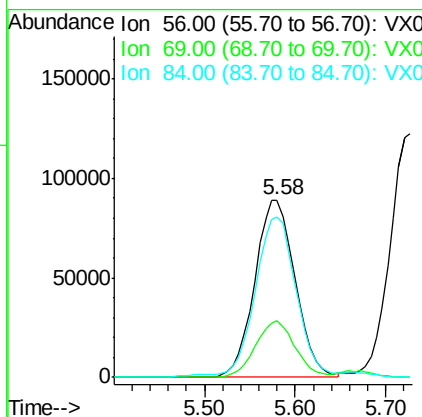
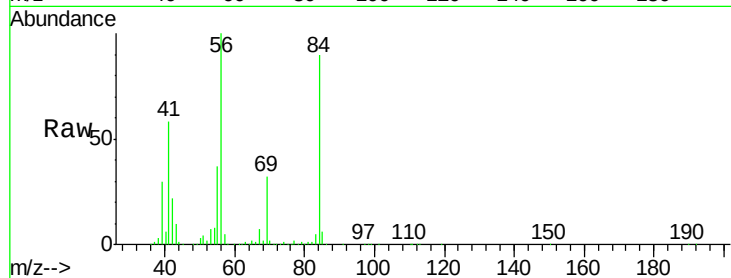
ClientSampleId :

VSTDCCC050

Tot Ion:	56	Resp:	273507
Ion	Ratio	Lower	Upper
56	100		
69	32.2	25.4	38.0
84	89.2	73.8	110.8

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#32

1,1,1-Trichloroethane

Concen: 48.06 ug/l

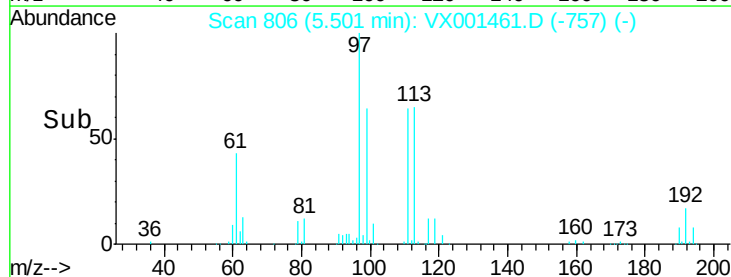
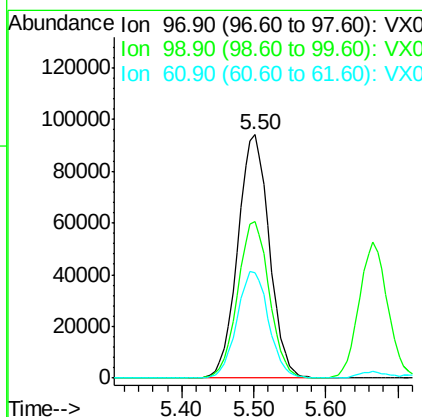
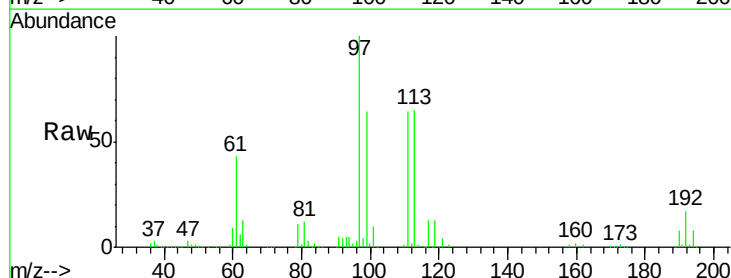
RT: 5.50 min Scan# 806

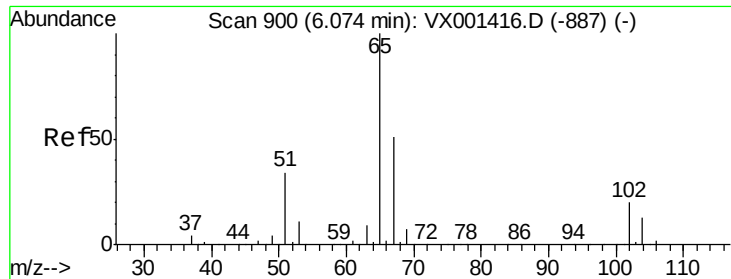
Delta R.T. 0.00 min

Lab File: VX001461.D

Acq: 07 May 2018 11:25

Tgt Ion:	97	Resp:	286528
Ion	Ratio	Lower	Upper
97	100		
99	64.5	51.3	76.9
61	44.2	34.8	52.2





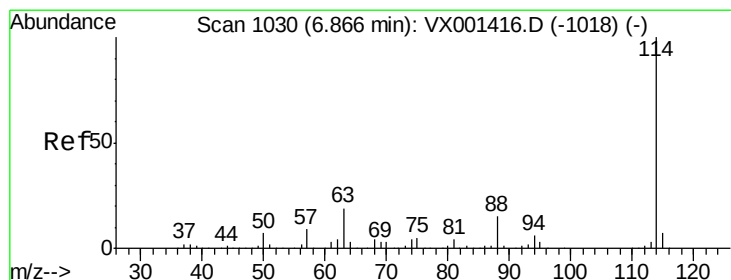
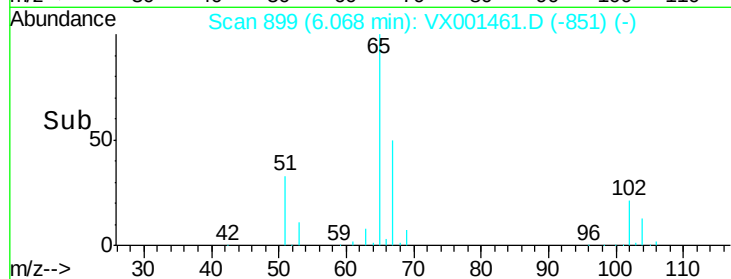
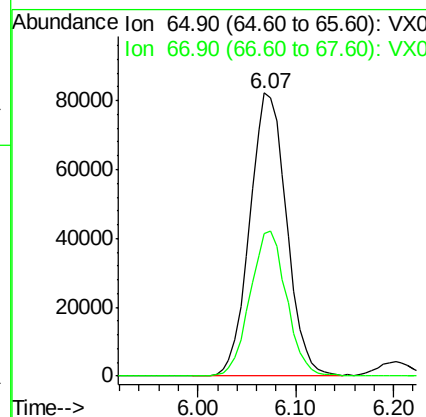
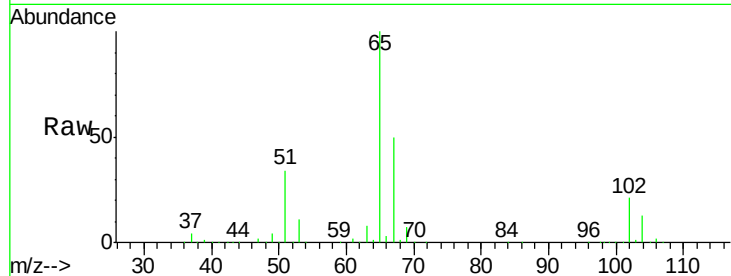
#33
 1,2-Dichloroethane-d4
 Concen: 48.83 ug/l
 RT: 6.07 min Scan# 899
 Delta R.T. -0.01 min
 Lab File: VX001461.D
 Acq: 07 May 2018 11:25

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
65	100	215859		
67	50.7	0.0	101.8	

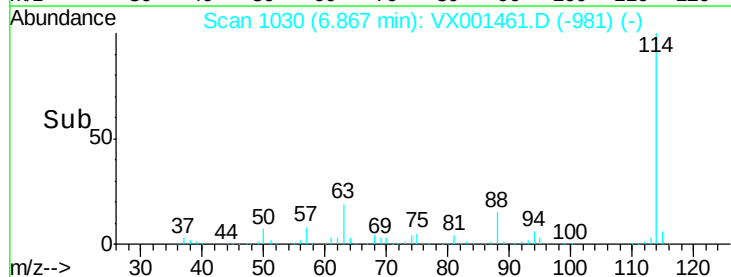
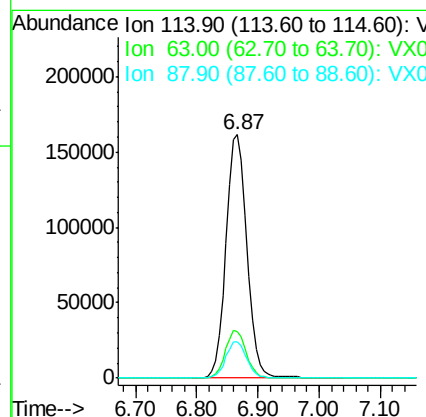
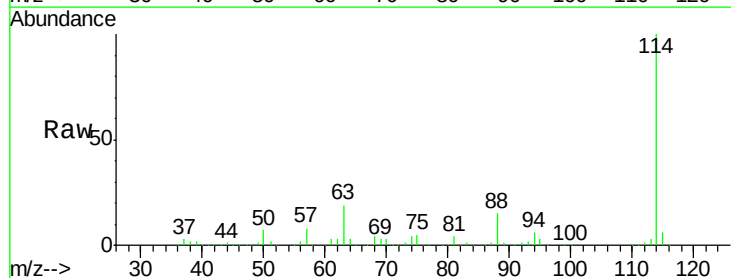
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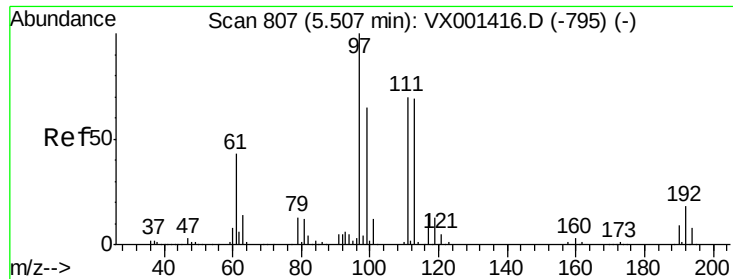
MMDadoda
 5/9/2018 5:47:31 PM



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. 0.00 min
 Lab File: VX001461.D
 Acq: 07 May 2018 11:25

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	382772		
63	18.9	0.0	38.6	
88	15.1	0.0	30.8	





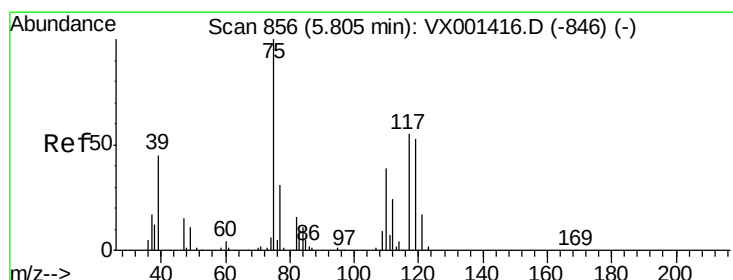
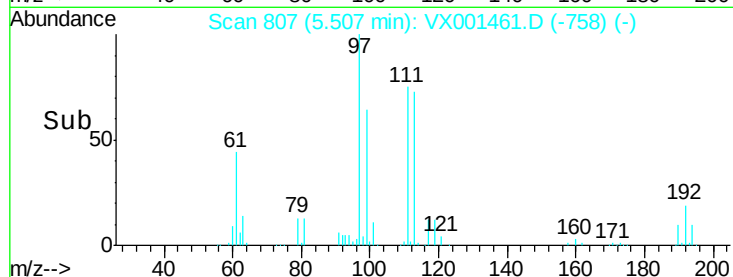
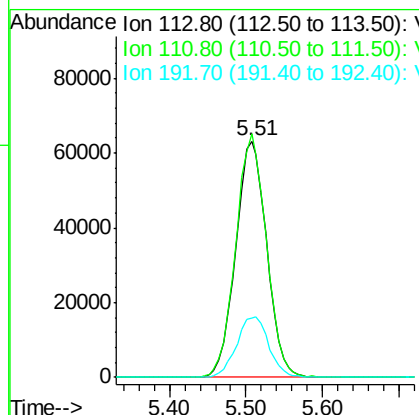
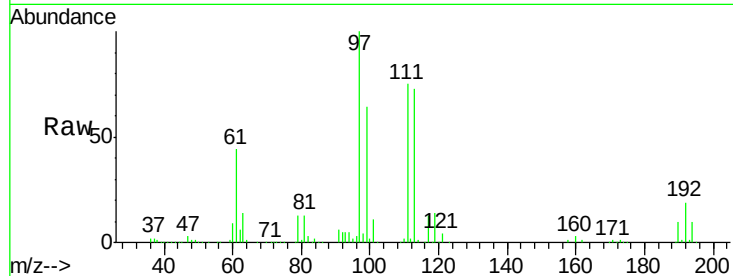
#35
 Dibromofluoromethane
 Concen: 52.14 ug/l
 RT: 5.51 min Scan# 807
 Delta R.T. 0.00 min
 Lab File: VX001461.D
 Acq: 07 May 2018 11:25

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
113	100	177516		
111	101.6	82.2	123.2	
192	26.6	21.4	32.0	

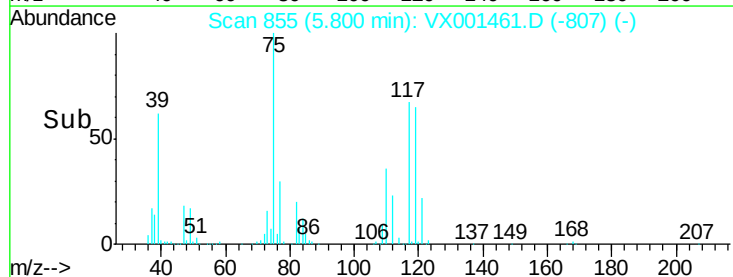
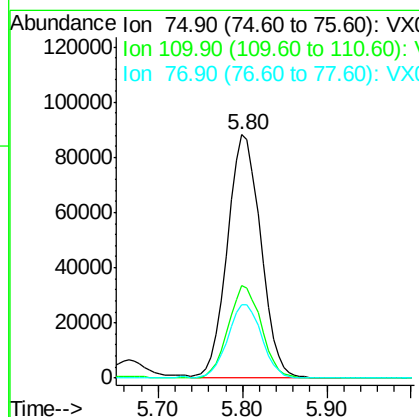
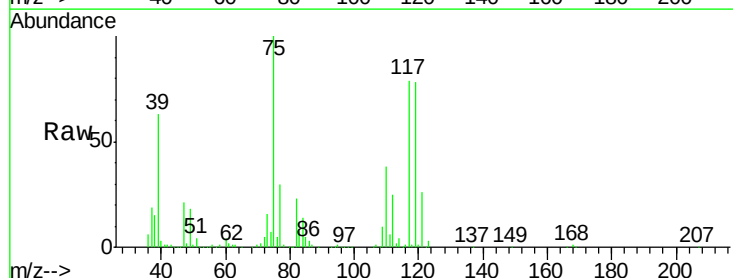
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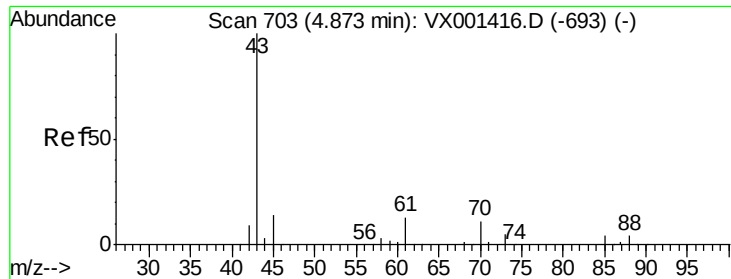
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 5/9/2018 5:47:31 PM



#36
 1,1-Dichloropropene
 Concen: 48.77 ug/l
 RT: 5.80 min Scan# 856
 Delta R.T. -0.01 min
 Lab File: VX001461.D
 Acq: 07 May 2018 11:25

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	237436		
110	37.7	18.9	56.7	
77	30.9	24.9	37.3	





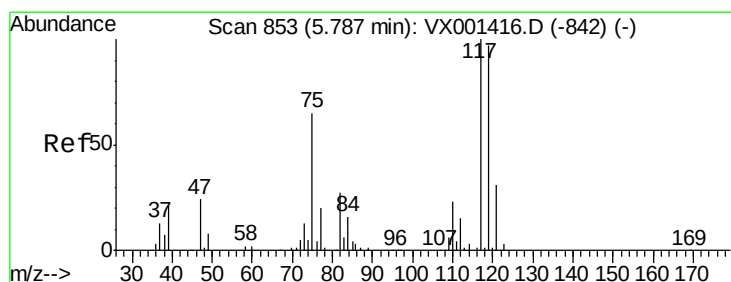
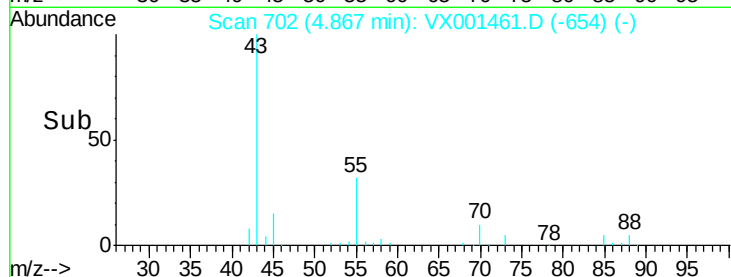
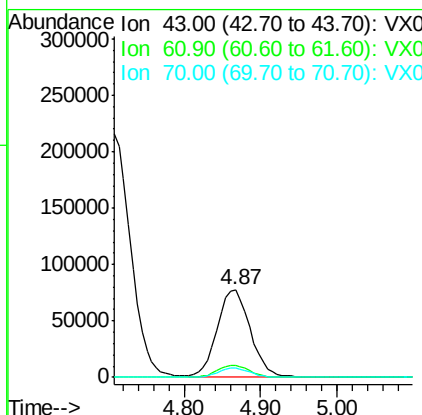
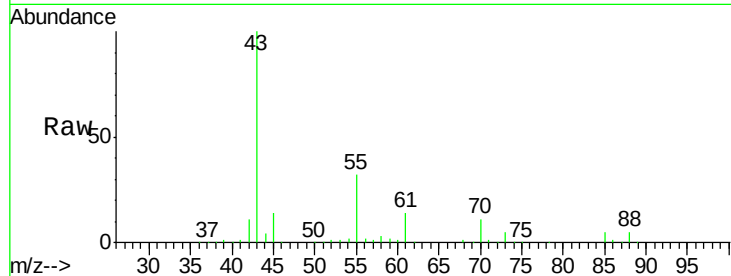
#37
Ethyl Acetate
Concen: 43.45 ug/l
RT: 4.87 min Scan# 702
Delta R.T. -0.01 min
Lab File: VX001461.D
Acq: 07 May 2018 11:25

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:	43	Resp:	231915
Ion	Ratio	Lower	Upper
43	100		
61	13.7	10.7	16.1
70	10.7	8.4	12.6

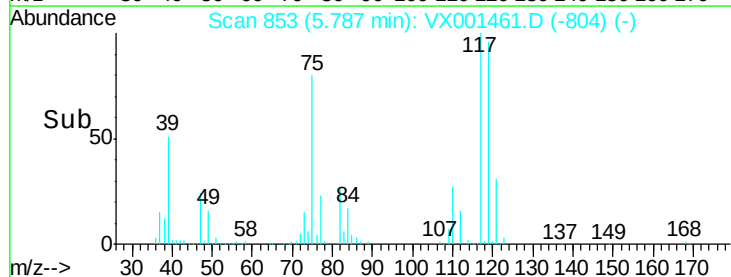
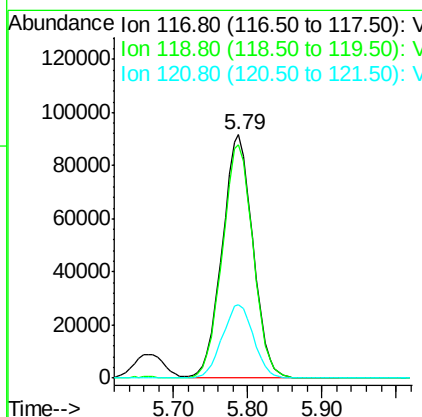
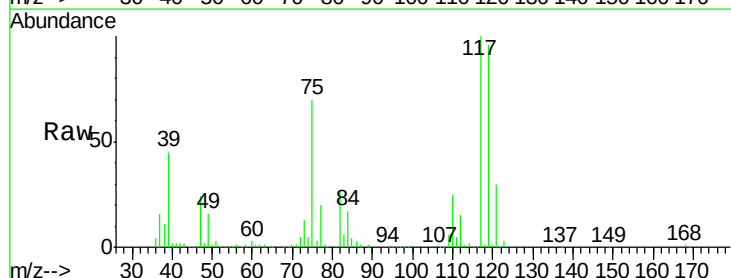
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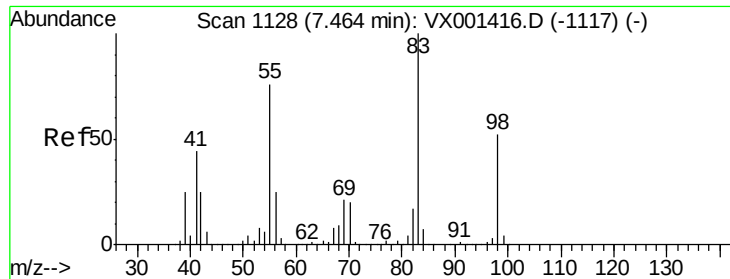
MMDadoda
5/9/2018 5:47:31 PM



#38
Carbon Tetrachloride
Concen: 50.69 ug/l
RT: 5.79 min Scan# 853
Delta R.T. 0.00 min
Lab File: VX001461.D
Acq: 07 May 2018 11:25

Tgt Ion:	117	Resp:	263249
Ion	Ratio	Lower	Upper
117	100		
119	95.9	77.0	115.6
121	30.4	25.1	37.7





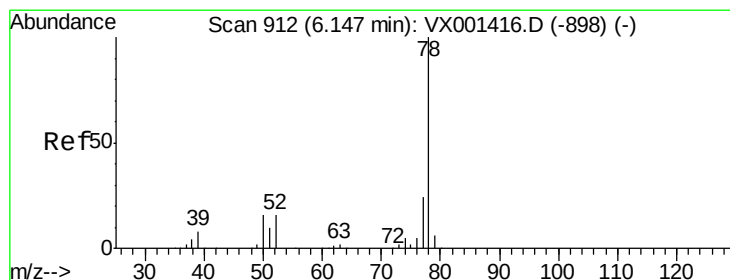
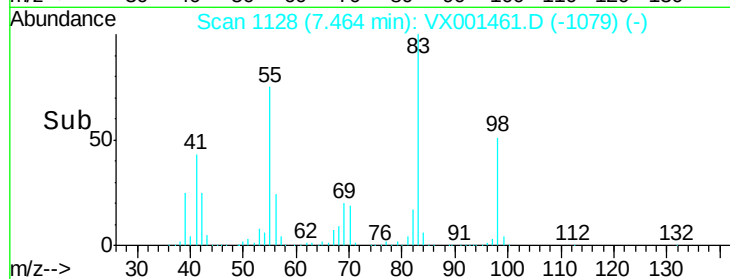
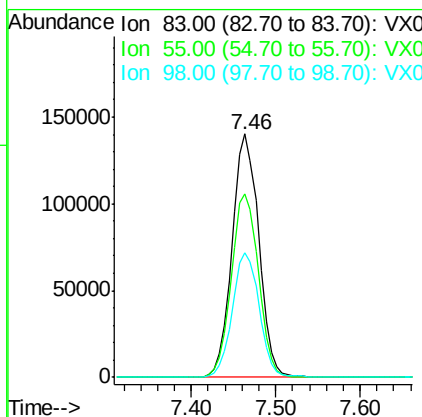
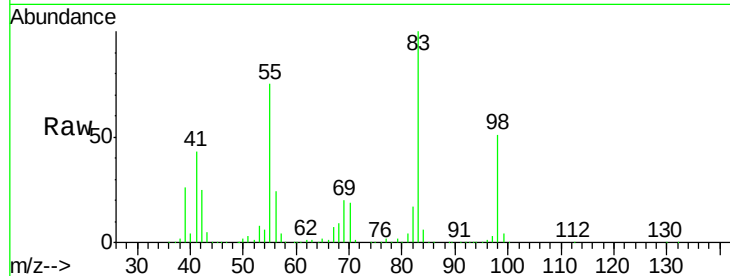
#39
Methylvlcyclohexane
Concen: 52.08 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. 0.00 min
Lab File: VX001461.D
Acq: 07 May 2018 11:25

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
83	100	299795		
55	75.5	60.9	91.3	
98	50.9	41.9	62.9	

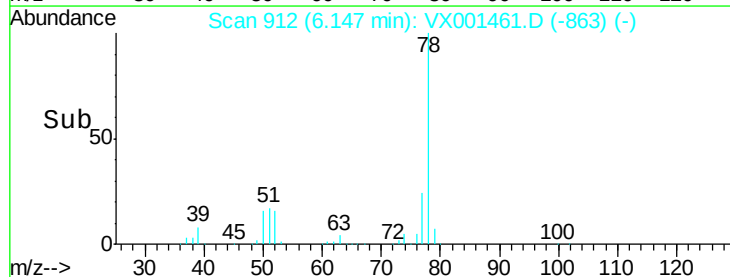
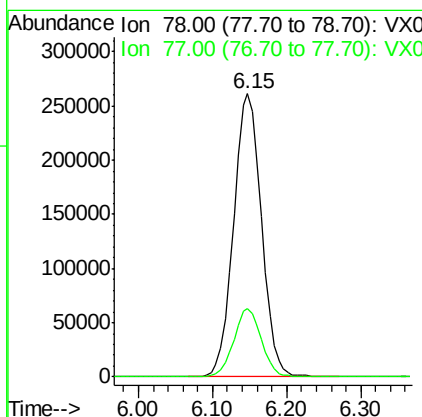
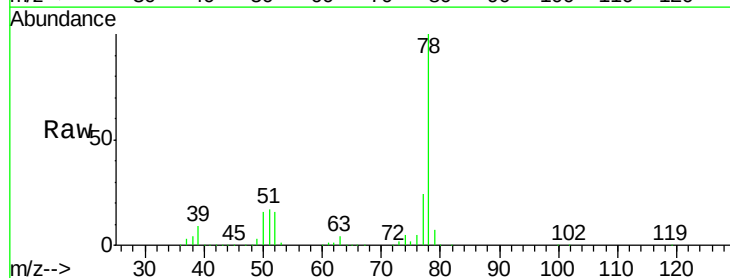
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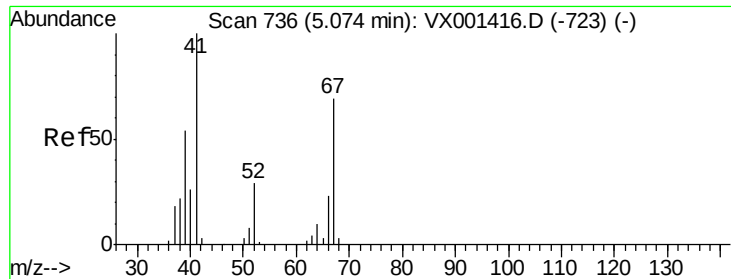
MMDadoda
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#40
Benzene
Concen: 48.37 ug/l
RT: 6.15 min Scan# 912
Delta R.T. 0.00 min
Lab File: VX001461.D
Acq: 07 May 2018 11:25

Tgt Ion	Ratio	Resp	Lower	Upper
78	100	687930		
77	23.9	19.4	29.2	





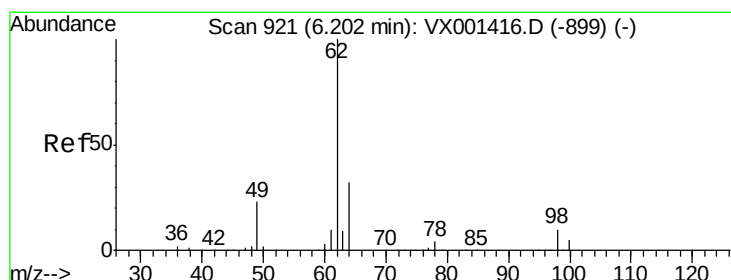
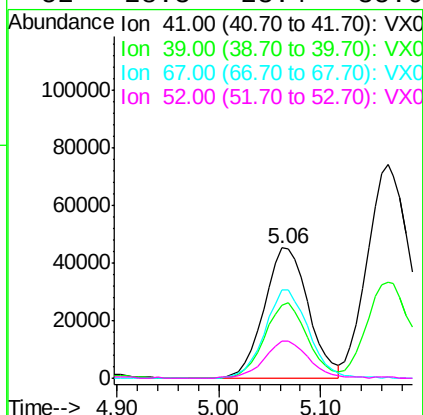
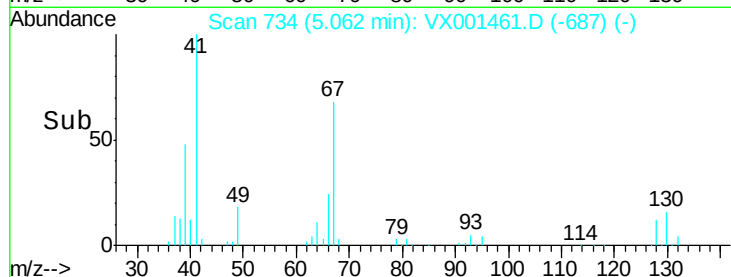
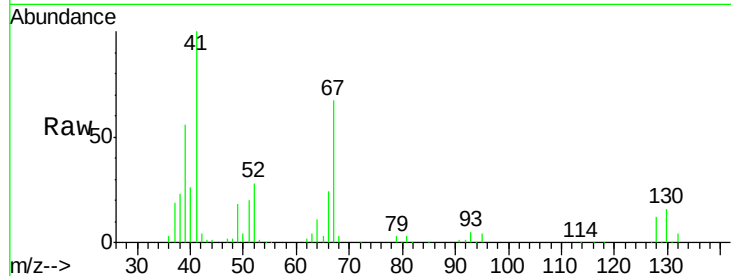
#41
Methacrylonitrile
Concen: 44.52 ug/l
RT: 5.06 min Scan# 734
Delta R.T. -0.01 min
Lab File: VX001461.D
Acq: 07 May 2018 11:25

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	56.2	45.0	67.6	
67	67.0	55.0	82.6	
52	28.3	23.4	35.0	

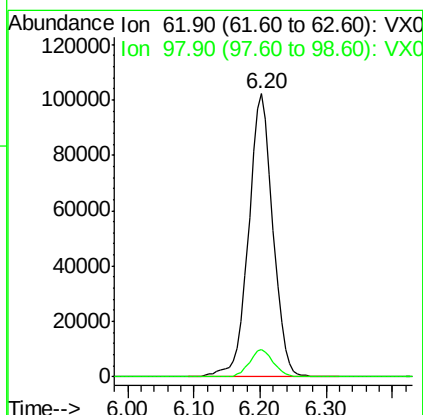
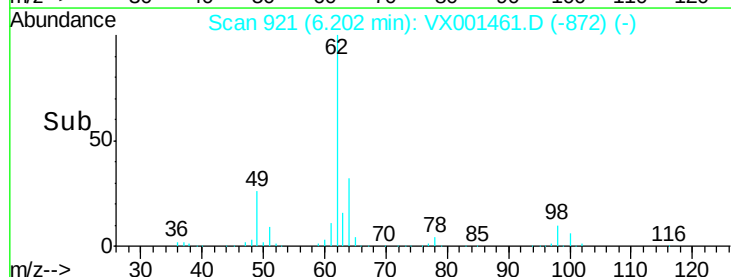
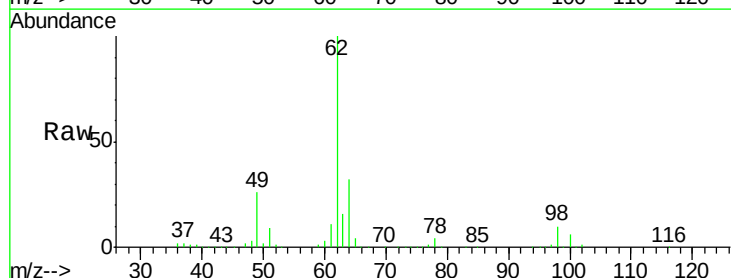
Manual Integrations
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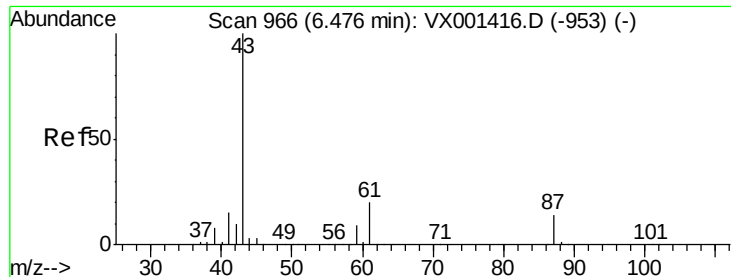
MMDadoda
5/9/2018 5:47:31 PM



#42
1,2-Dichloroethane
Concen: 47.80 ug/l
RT: 6.20 min Scan# 921
Delta R.T. 0.00 min
Lab File: VX001461.D
Acq: 07 May 2018 11:25

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	9.5	0.0	19.0	





#43

Isopropyl Acetate

Concen: 46.87 ug/l

RT: 6.47 min Scan# 965

Delta R.T. -0.01 min

Lab File: VX001461.D

Acq: 07 May 2018 11:25

Instrument :

MSVOA_X

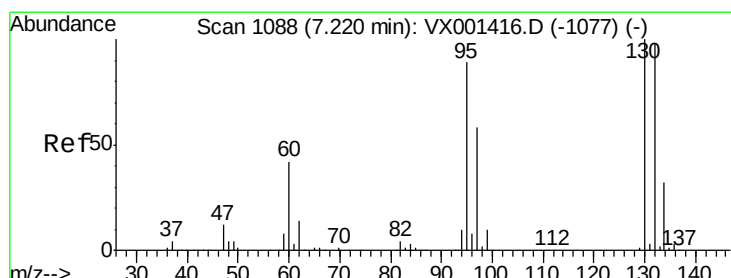
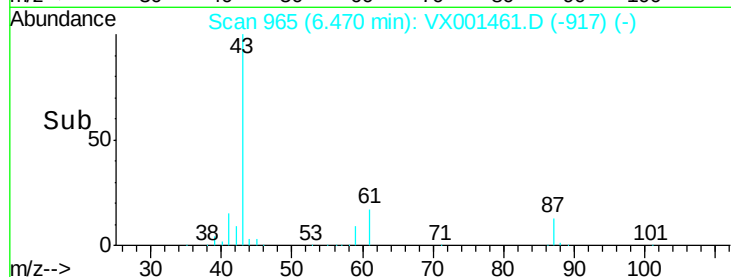
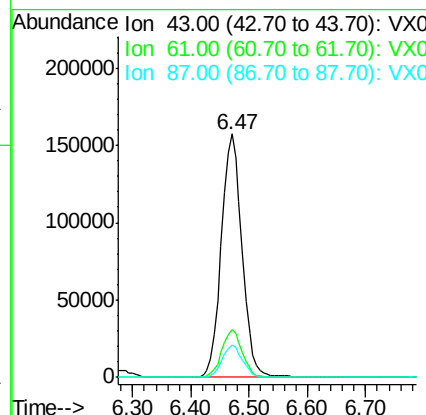
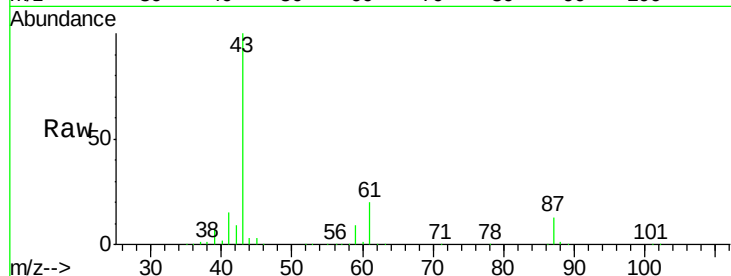
ClientSampleId :

VSTDCCC050

Tot Ion:	43	Resp:	384028
Ion	Ratio	Lower	Upper
43	100		
61	19.6	15.4	23.0
87	13.2	10.8	16.2

Manual Integrations
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#44

Trichloroethene

Concen: 49.61 ug/l

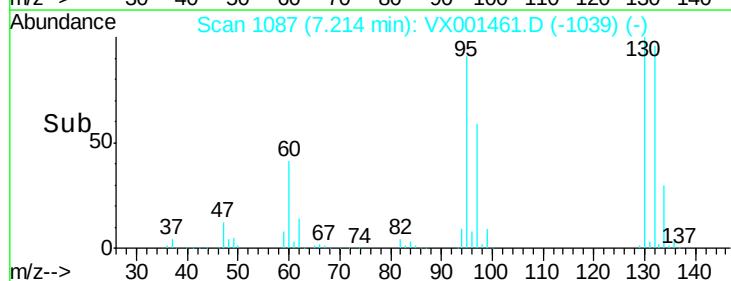
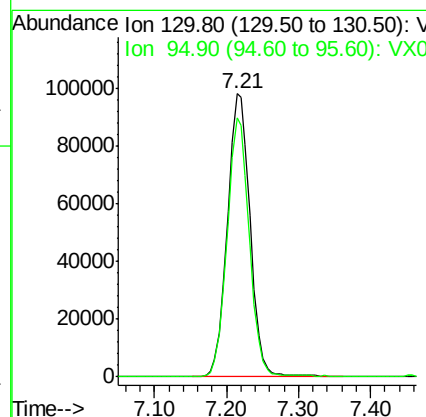
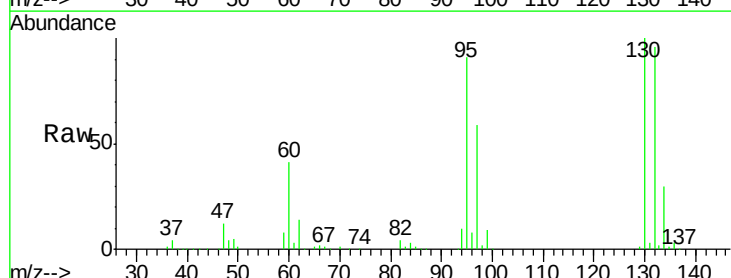
RT: 7.21 min Scan# 1087

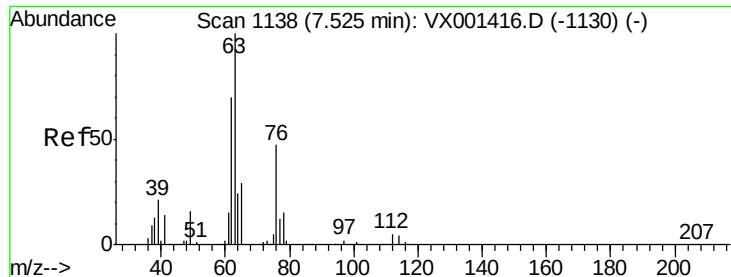
Delta R.T. -0.01 min

Lab File: VX001461.D

Acq: 07 May 2018 11:25

Tgt Ion:	130	Resp:	215650
Ion	Ratio	Lower	Upper
130	100		
95	91.3	0.0	178.4





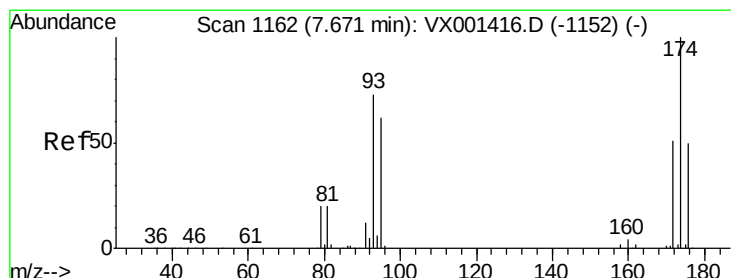
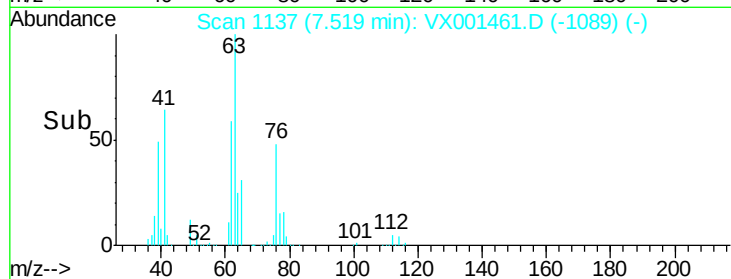
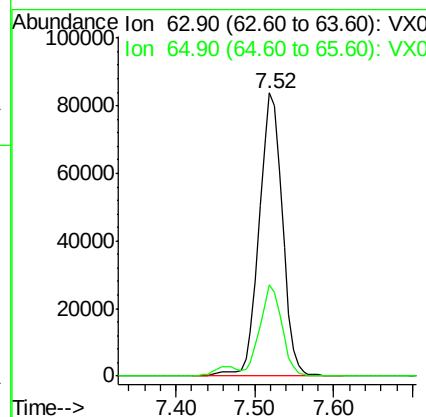
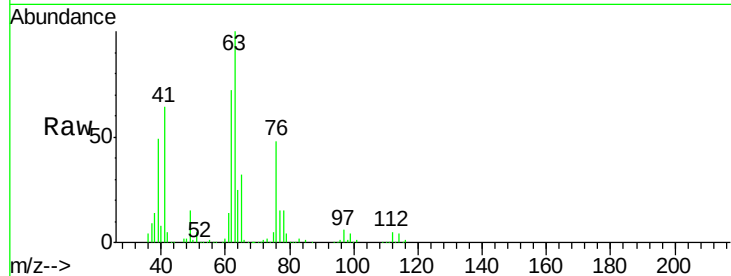
#45
 1,2-Dichloropropane
 Concen: 48.57 ug/l
 RT: 7.52 min Scan# 1137
 Delta R.T. -0.01 min
 Lab File: VX001461.D
 Acq: 07 May 2018 11:25

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
63	100		
65	32.3	24.5	36.7

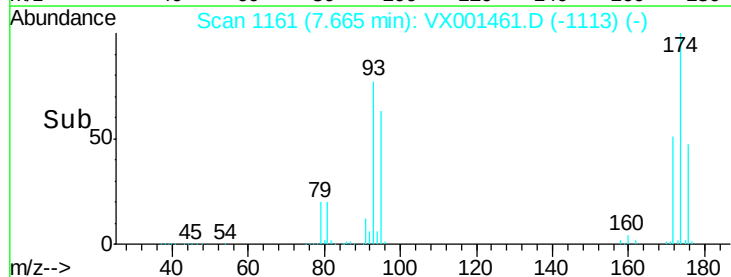
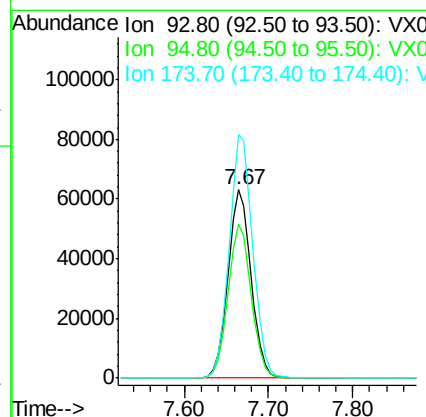
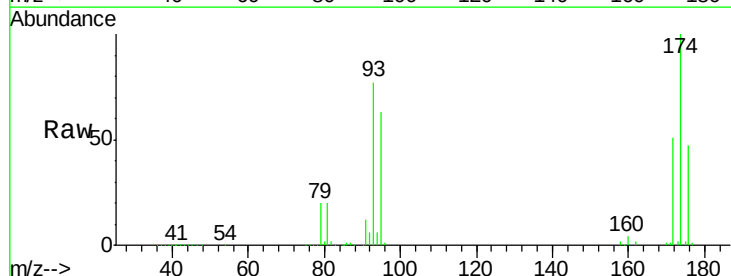
Manual Integrations
 APPROVED

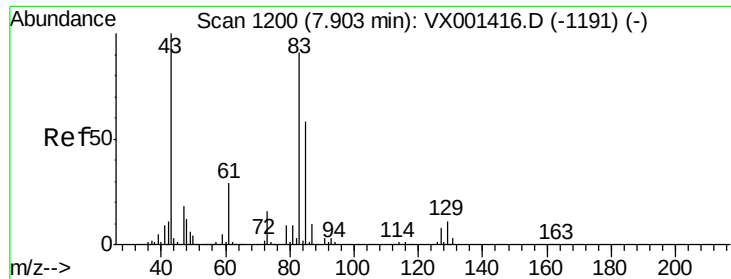
MMDadoda
 5/9/2018 5:47:31 PM



#46
 Dibromomethane
 Concen: 47.36 ug/l
 RT: 7.67 min Scan# 1161
 Delta R.T. -0.01 min
 Lab File: VX001461.D
 Acq: 07 May 2018 11:25

Tgt Ion	Ratio	Lower	Upper
93	100		
95	82.0	67.0	100.4
174	130.9	104.5	156.7





#47

Bromodichloromethane

Concen: 50.17 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. 0.00 min

Lab File: VX001461.D

Acq: 07 May 2018 11:25

Instrument :

MSVOA_X

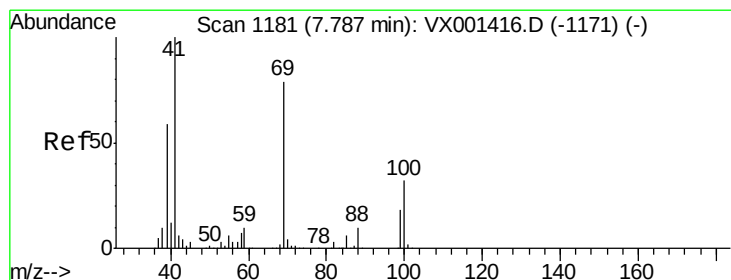
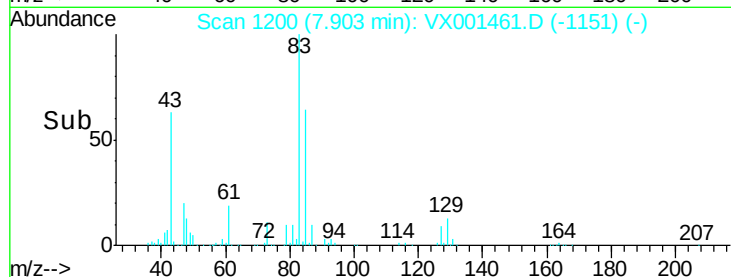
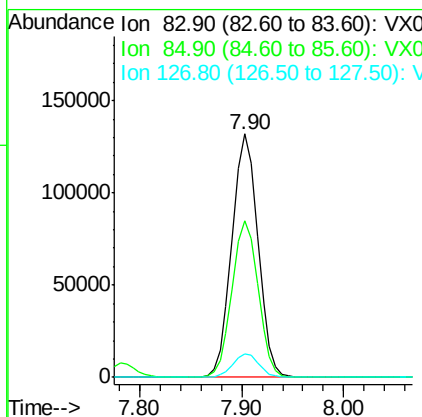
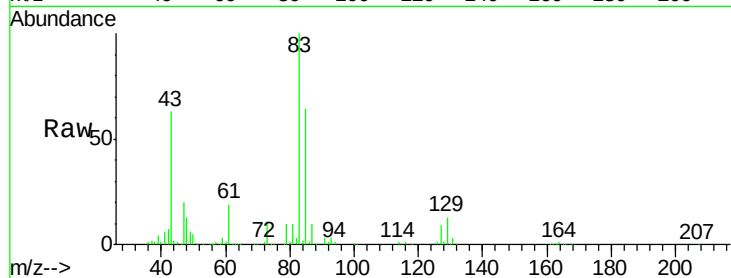
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	233067
Ion	Ratio	Lower	Upper
83	100		
85	64.1	51.0	76.6
127	9.5	7.4	11.2

Manual Integrations
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5/9/2018 5:47:31 PM



#48

Methyl methacrylate

Concen: 46.46 ug/l

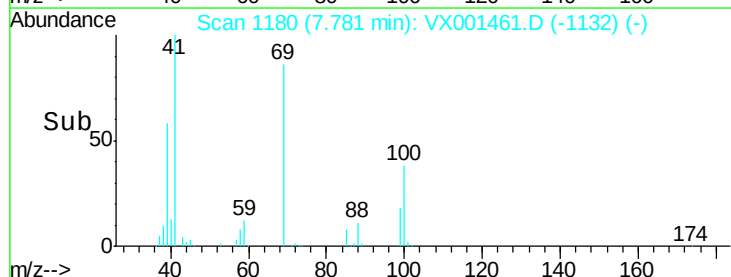
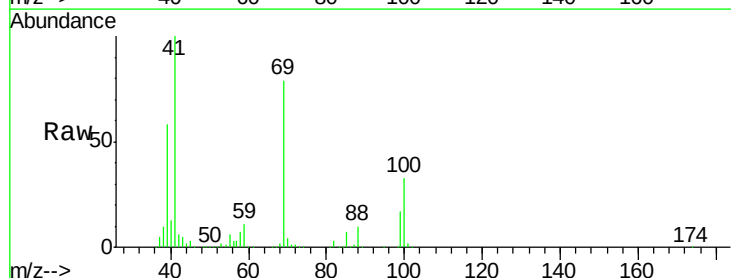
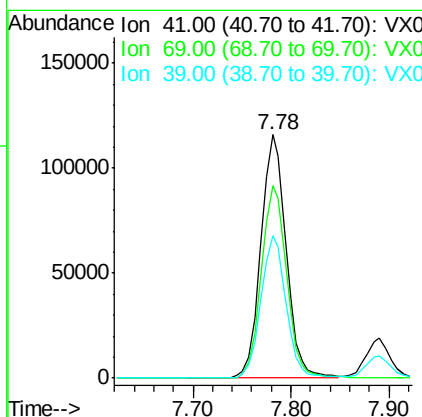
RT: 7.78 min Scan# 1180

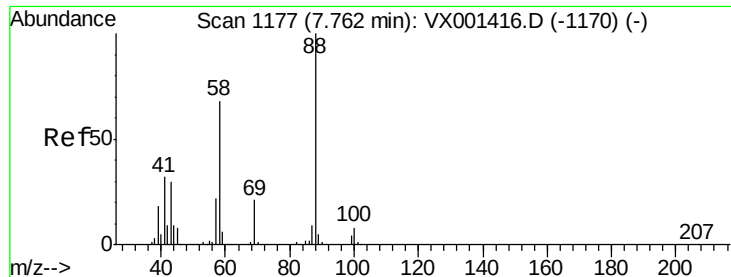
Delta R.T. -0.01 min

Lab File: VX001461.D

Acq: 07 May 2018 11:25

Tgt Ion:	41	Resp:	207297
Ion	Ratio	Lower	Upper
41	100		
69	80.2	63.4	95.2
39	58.3	47.0	70.4





#49

1,4-Dioxane

Concen: 856.94 ug/l

RT: 7.76 min Scan# 1177

Delta R.T. 0.00 min

Lab File: VX001461.D

Acq: 07 May 2018 11:25

Instrument :

MSVOA_X

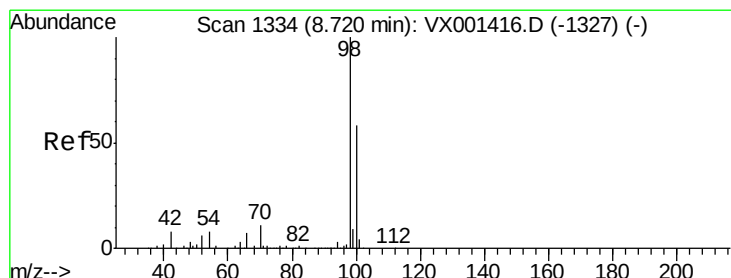
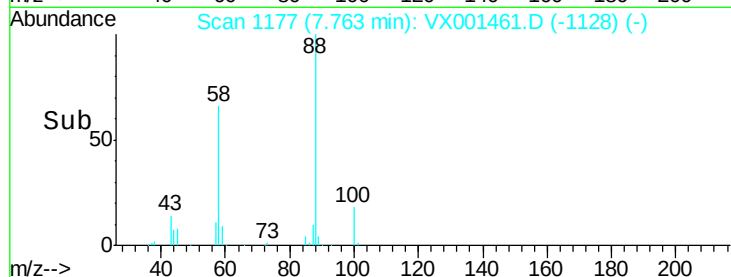
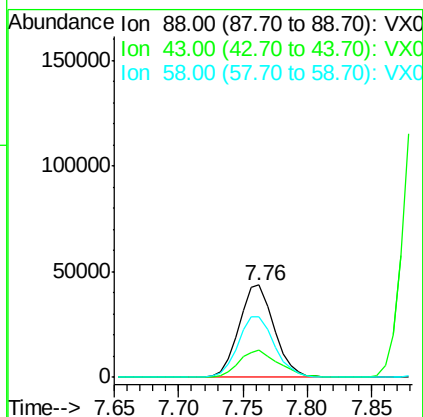
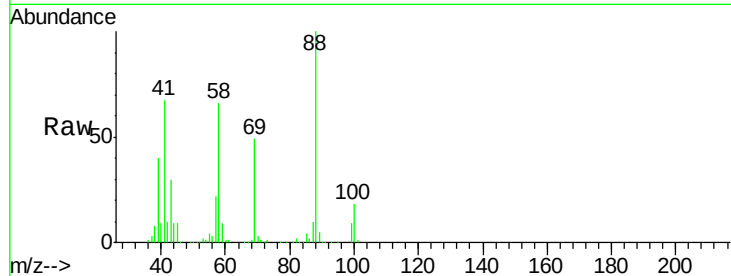
ClientSampleId :

VSTDCCC050

Tot Ion:	88	Resp:	82599
Ion	Ratio	Lower	Upper
88	100		
43	33.7	26.4	39.6
58	69.2	54.1	81.1

Manual Integrations
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#50

Toluene-d8

Concen: 53.08 ug/l

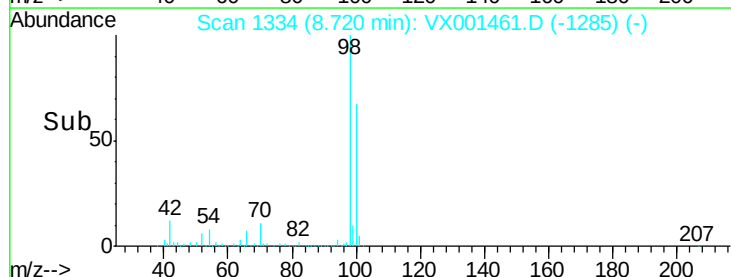
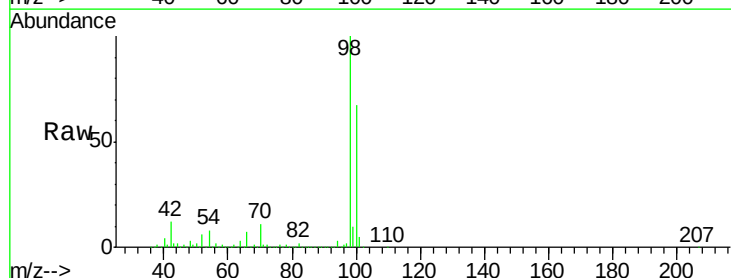
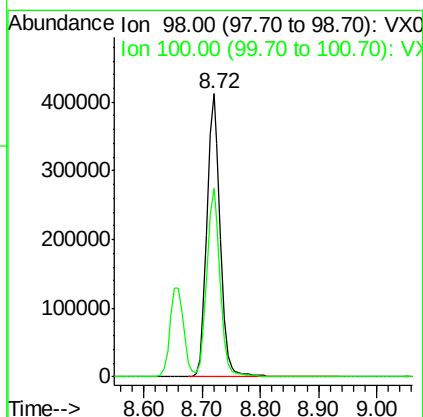
RT: 8.72 min Scan# 1334

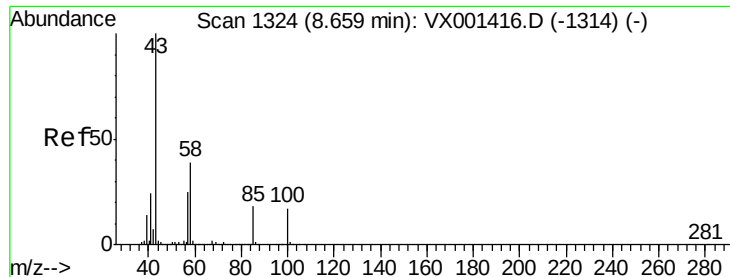
Delta R.T. 0.00 min

Lab File: VX001461.D

Acq: 07 May 2018 11:25

Tgt Ion:	98	Resp:	659677
Ion	Ratio	Lower	Upper
98	100		
100	66.9	54.0	81.0





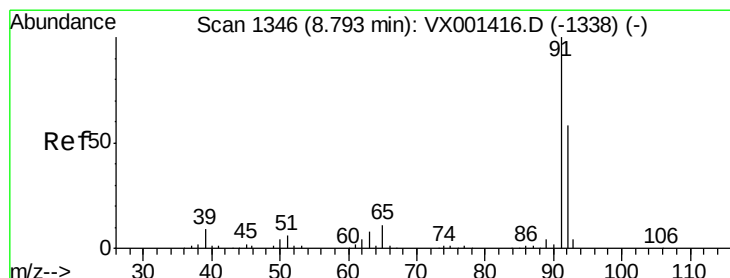
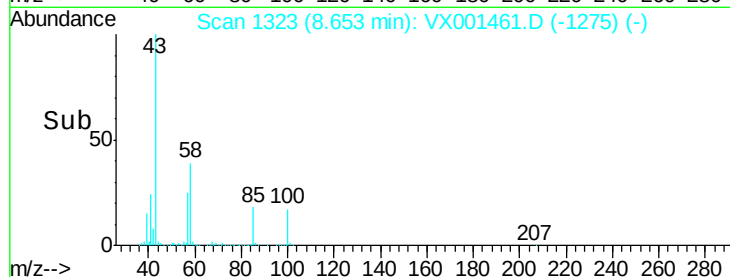
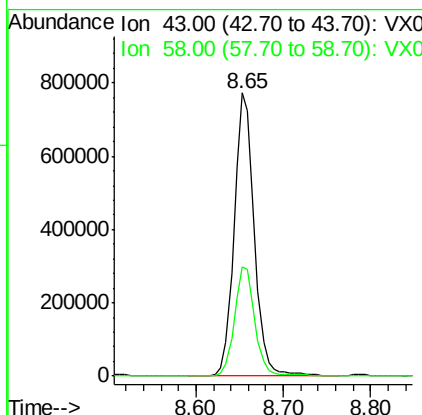
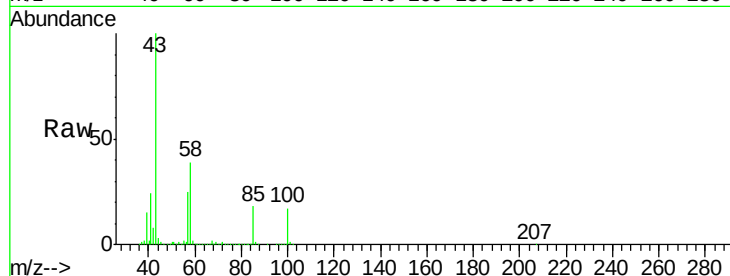
#51
4-Methyl-2-Pentanone
Concen: 228.17 ug/l
RT: 8.65 min Scan# 1323
Delta R.T. -0.01 min
Lab File: VX001461.D
Acq: 07 May 2018 11:25

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 1242302
Ion Ratio Lower Upper
43 100
58 38.6 30.8 46.2

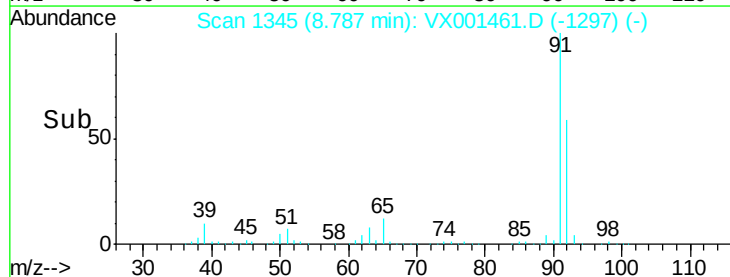
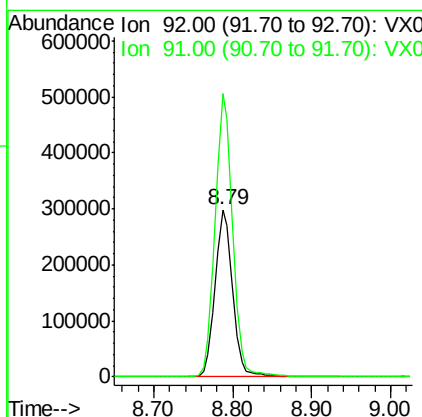
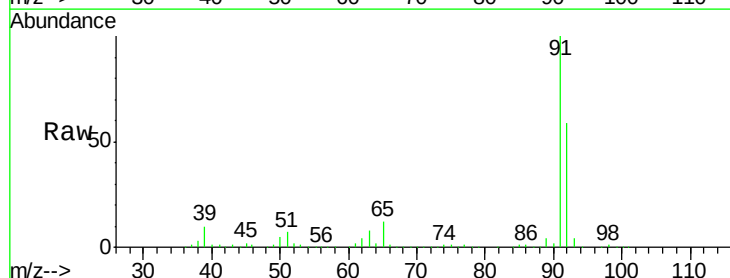
Manual Integrations
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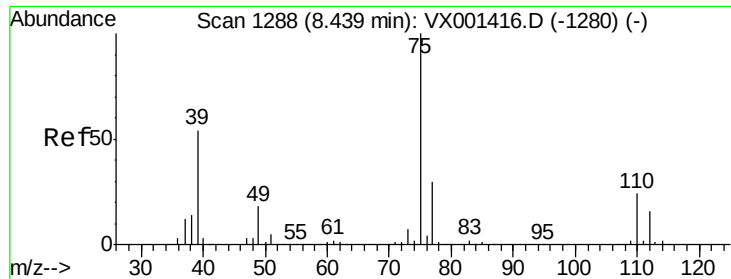
MMDadoda
5/9/2018 5:47:31 PM



#52
Toluene
Concen: 50.05 ug/l
RT: 8.79 min Scan# 1345
Delta R.T. -0.01 min
Lab File: VX001461.D
Acq: 07 May 2018 11:25

Tgt Ion: 92 Resp: 465457
Ion Ratio Lower Upper
92 100
91 169.8 135.2 202.8





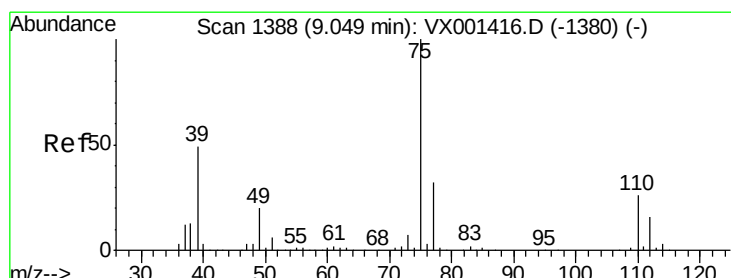
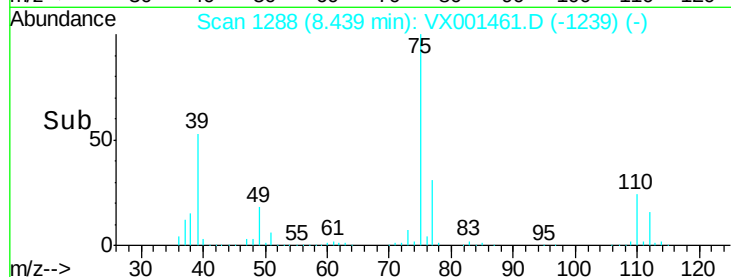
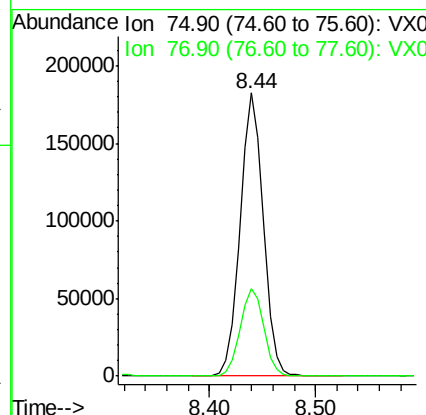
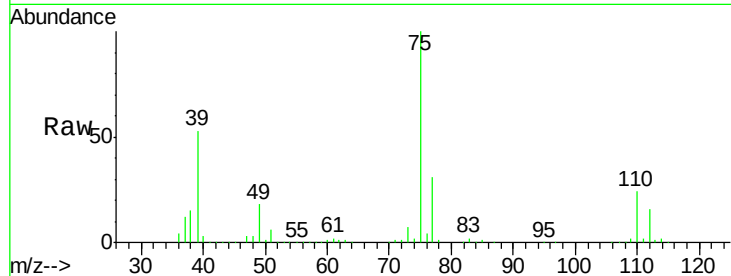
#53
t-1,3-Dichloropropene
Concen: 53.11 ug/l
RT: 8.44 min Scan# 1288
Delta R.T. 0.00 min
Lab File: VX001461.D
Acq: 07 May 2018 11:25

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
75	100	278814		
77	31.1	24.2	36.4	

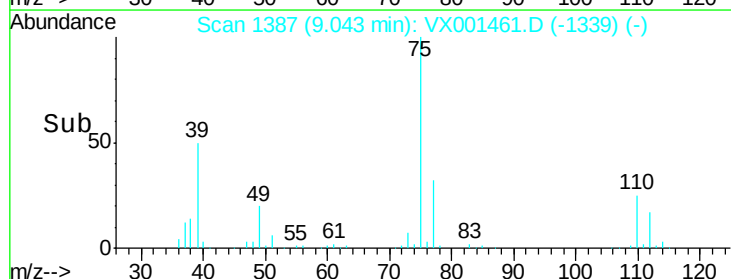
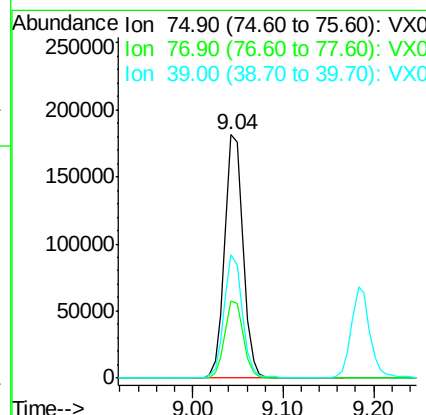
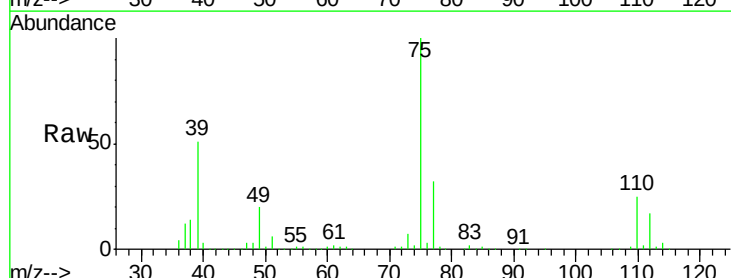
Manual Integrations
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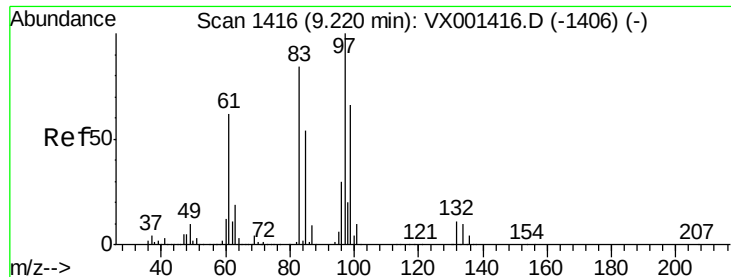
MMDadoda
5/9/2018 5:47:31 PM



#54
cis-1,3-Dichloropropene
Concen: 47.77 ug/l
RT: 9.04 min Scan# 1387
Delta R.T. -0.01 min
Lab File: VX001461.D
Acq: 07 May 2018 11:25

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	258694		
77	31.9	25.5	38.3	
39	50.6	38.9	58.3	





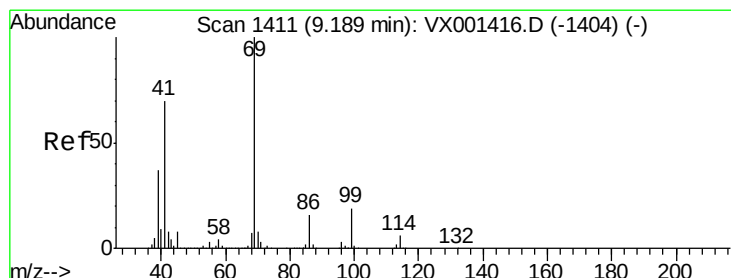
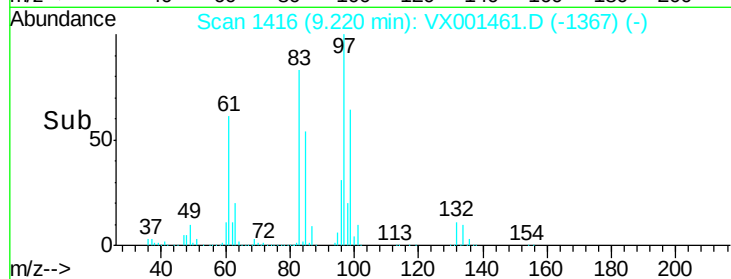
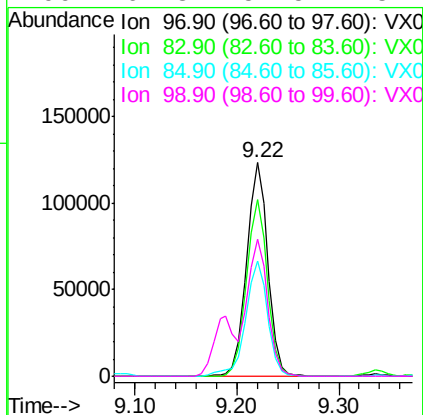
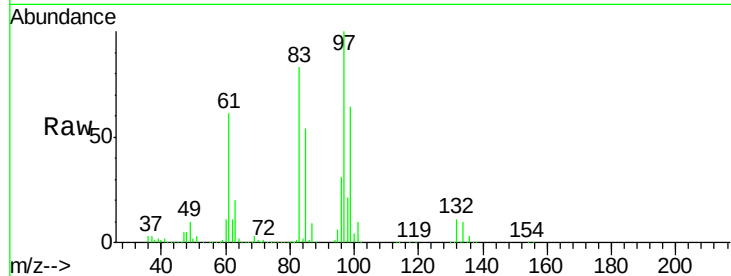
#55
 1,1,2-Trichloroethane
 Concen: 47.67 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. 0.00 min
 Lab File: VX001461.D
 Acq: 07 May 2018 11:25

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion:	97	Resp:	178590
Ion	Ratio	Lower	Upper
97	100		
83	83.0	67.4	101.0
85	54.0	43.3	64.9
99	64.3	52.5	78.7

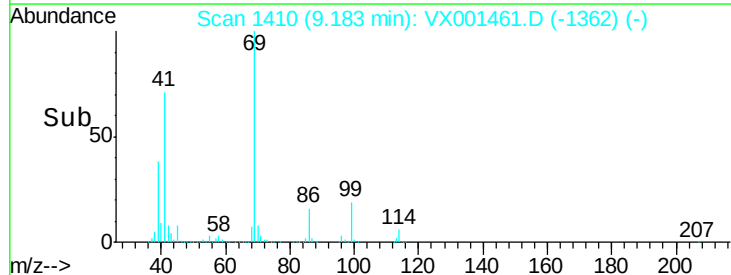
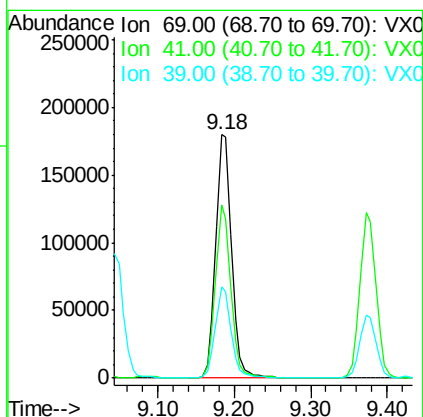
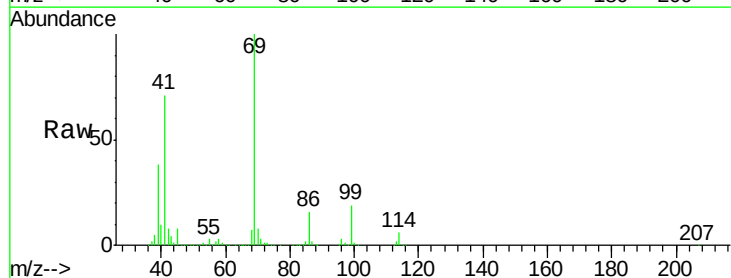
Manual Integrations
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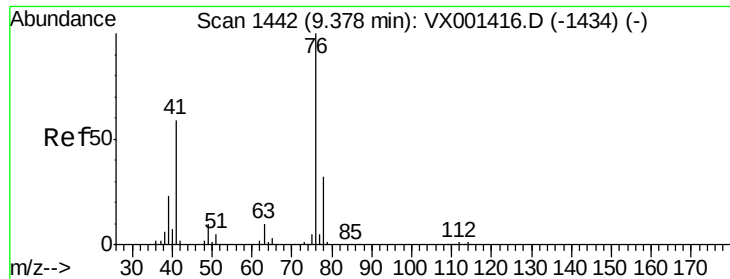
MMDadoda
 5/9/2018 5:47:31 PM



#56
 Ethyl methacrylate
 Concen: 48.35 ug/l
 RT: 9.18 min Scan# 1410
 Delta R.T. -0.01 min
 Lab File: VX001461.D
 Acq: 07 May 2018 11:25

Tgt Ion:	69	Resp:	261128
Ion	Ratio	Lower	Upper
69	100		
41	68.8	55.1	82.7
39	37.3	29.9	44.9





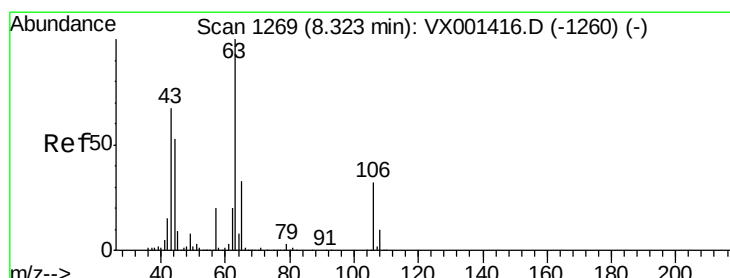
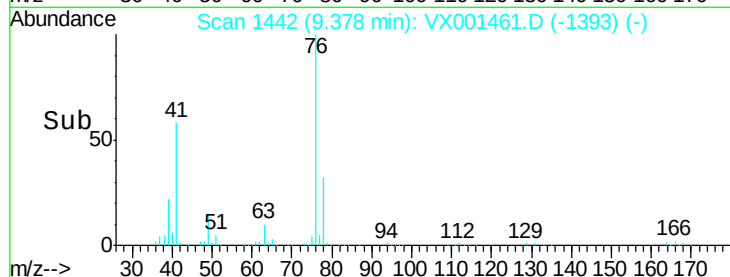
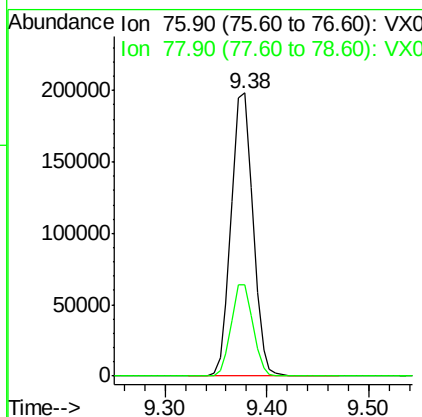
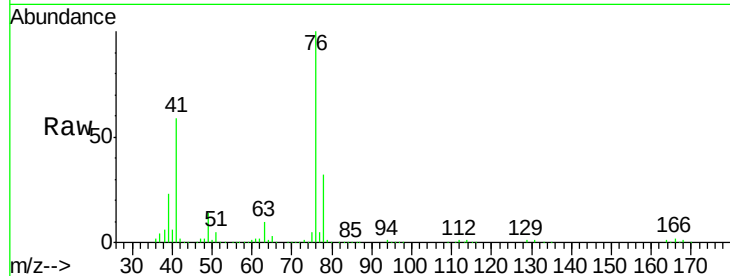
#57
 1,3-Dichloropropane
 Concen: 47.27 ug/l
 RT: 9.38 min Scan# 1442
 Delta R.T. 0.00 min
 Lab File: VX001461.D
 Acq: 07 May 2018 11:25

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.3	25.8	38.6

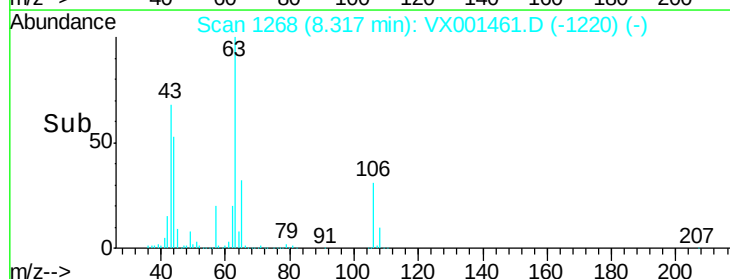
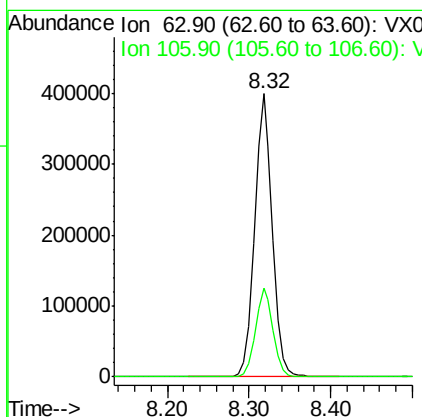
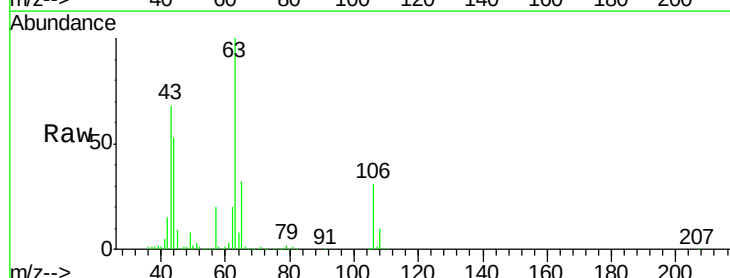
Manual Integrations
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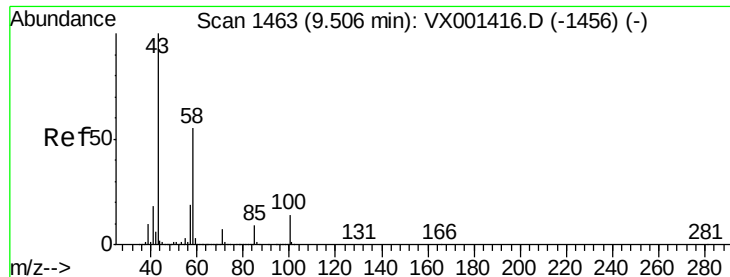
MMDadoda
 5/9/2018 5:47:31 PM



#58
 2-Chloroethyl Vinyl ether
 Concen: 228.37 ug/l
 RT: 8.32 min Scan# 1268
 Delta R.T. -0.01 min
 Lab File: VX001461.D
 Acq: 07 May 2018 11:25

Tgt Ion	Ratio	Lower	Upper
63	100		
106	31.5	25.4	38.0





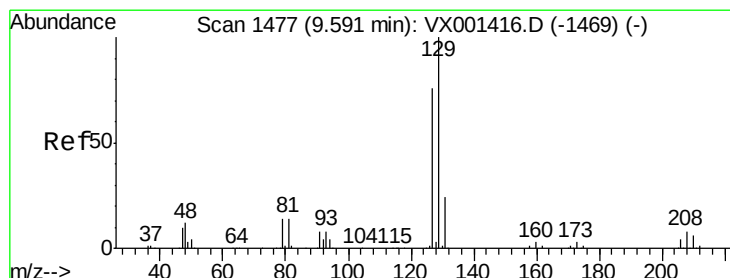
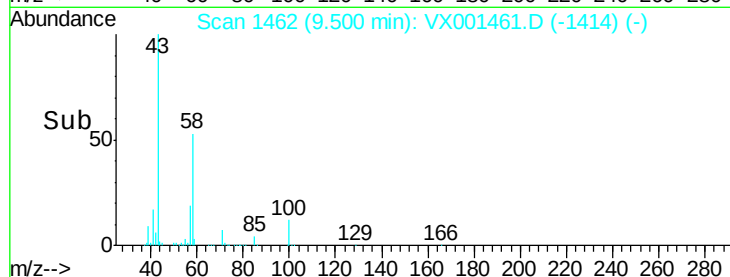
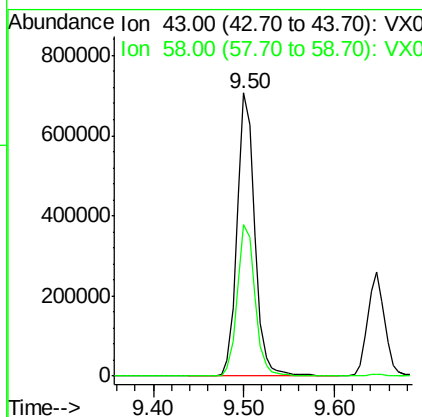
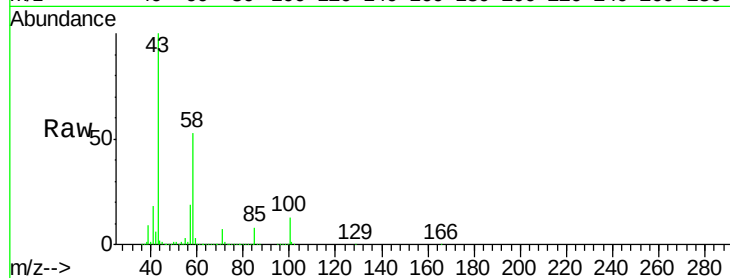
#59
2-Hexanone
Concen: 228.36 ug/l
RT: 9.50 min Scan# 1462
Delta R.T. -0.01 min
Lab File: VX001461.D
Acq: 07 May 2018 11:25

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
58	54.0	27.1	81.2

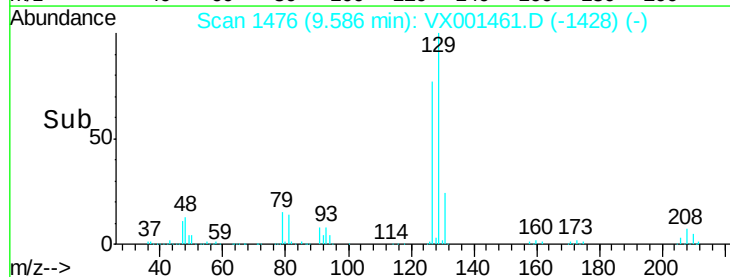
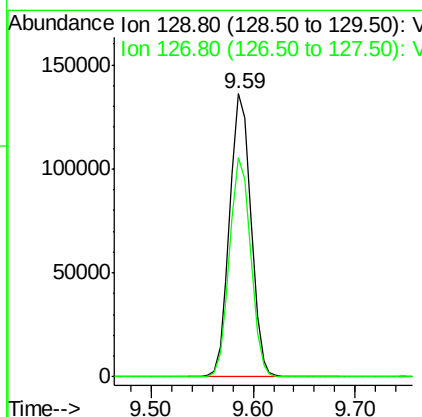
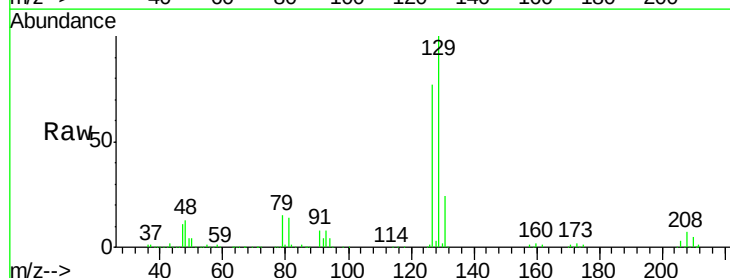
Manual Integrations
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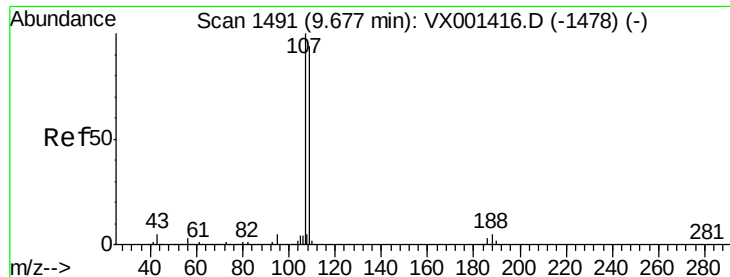
MMDadoda
5/9/2018 5:47:31 PM



#60
Dibromochloromethane
Concen: 51.29 ug/l
RT: 9.59 min Scan# 1476
Delta R.T. -0.01 min
Lab File: VX001461.D
Acq: 07 May 2018 11:25

Tgt Ion	Ratio	Lower	Upper
129	100		
127	76.6	38.1	114.5





#61

1,2-Dibromoethane

Concen: 48.47 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. 0.00 min

Lab File: VX001461.D

Acq: 07 May 2018 11:25

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:107 Resp: 190644

Ion Ratio Lower Upper

107 100

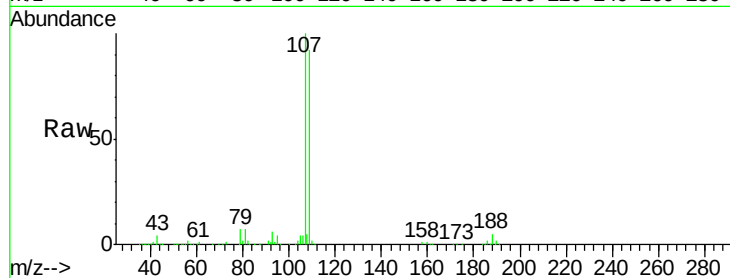
109 93.2 75.5 113.3

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Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.68

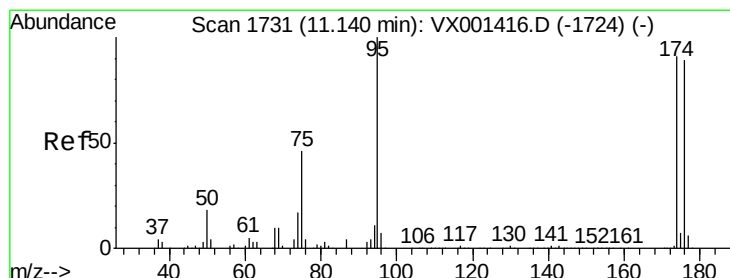
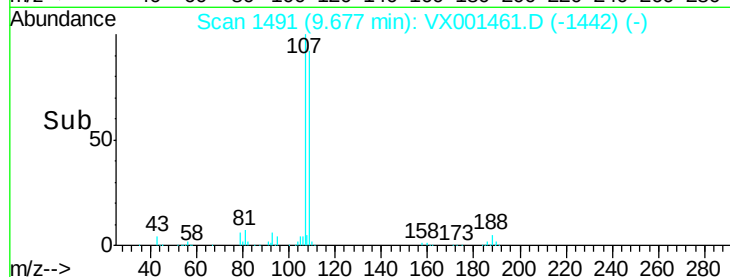
150000

100000

50000

0

Time--> 9.50 9.60 9.70 9.80



#62

4-Bromofluorobenzene

Concen: 53.22 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX001461.D

Acq: 07 May 2018 11:25

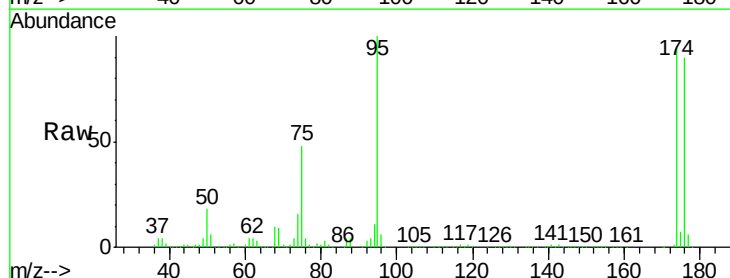
Tgt Ion: 95 Resp: 253883

Ion Ratio Lower Upper

95 100

174 100.9 0.0 202.0

176 97.8 0.0 197.4



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

11.14

250000

200000

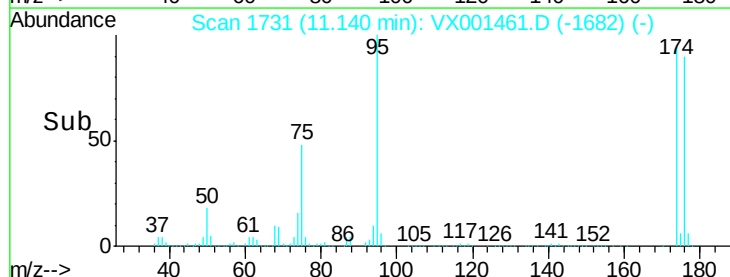
150000

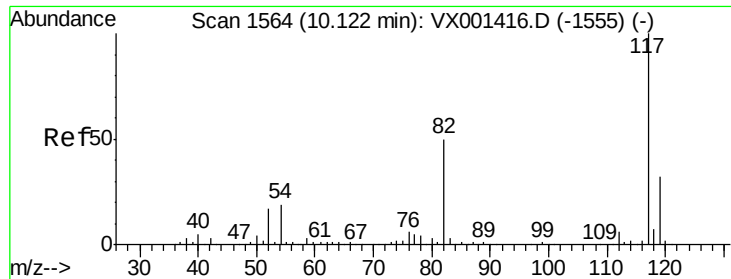
100000

50000

0

Time--> 11.10 11.20





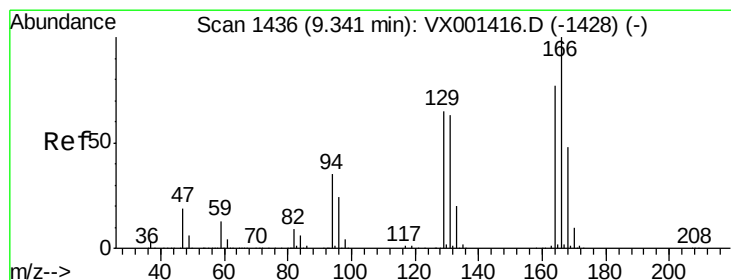
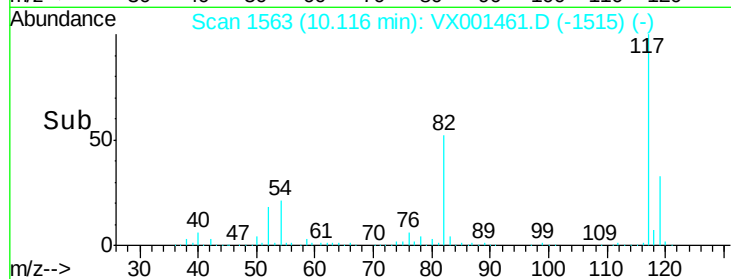
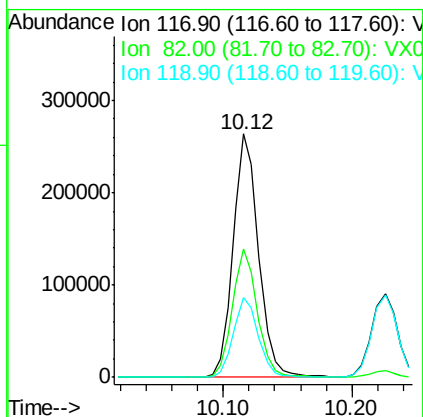
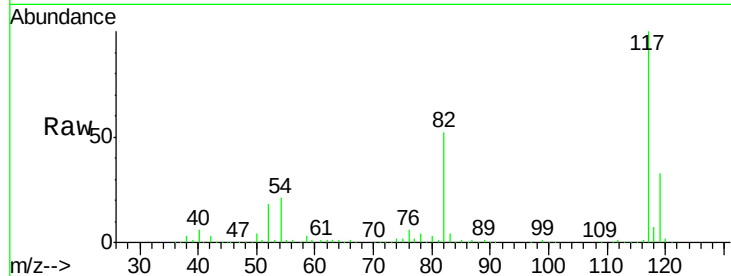
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.01 min
Lab File: VX001461.D
Acq: 07 May 2018 11:25

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
117	100		
82	52.5	40.0	60.0
119	32.6	25.8	38.8

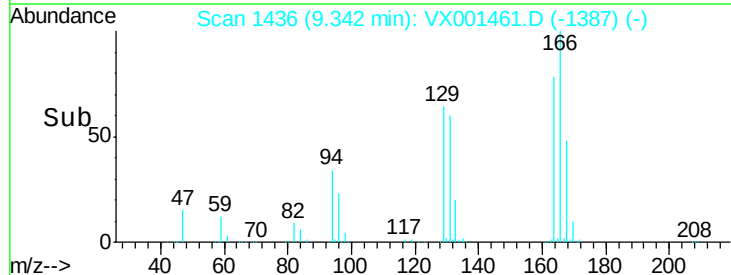
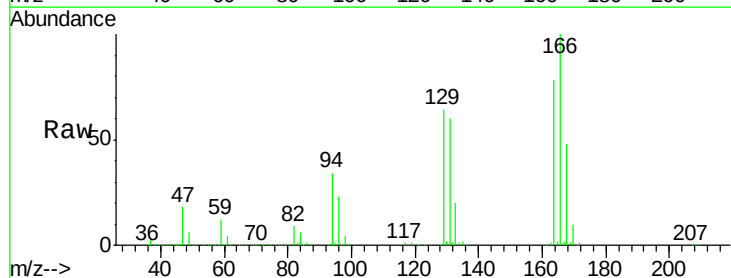
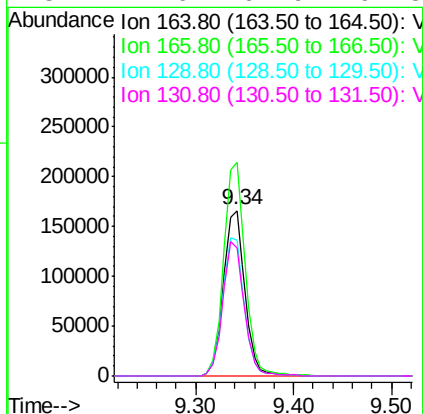
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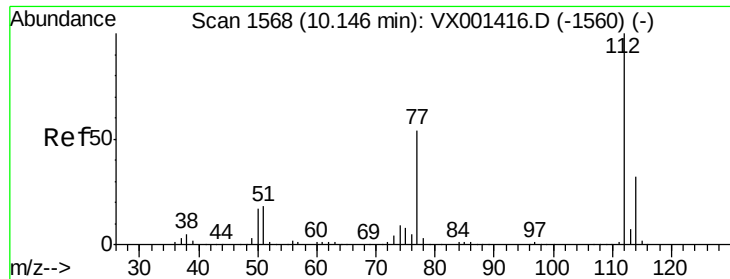
MMDadoda
5/9/2018 5:47:31 PM



#64
Tetrachloroethene
Concen: 49.94 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. 0.00 min
Lab File: VX001461.D
Acq: 07 May 2018 11:25

Tgt Ion	Ratio	Lower	Upper
164	100		
166	129.0	103.5	155.3
129	82.0	66.7	100.1
131	77.6	64.9	97.3





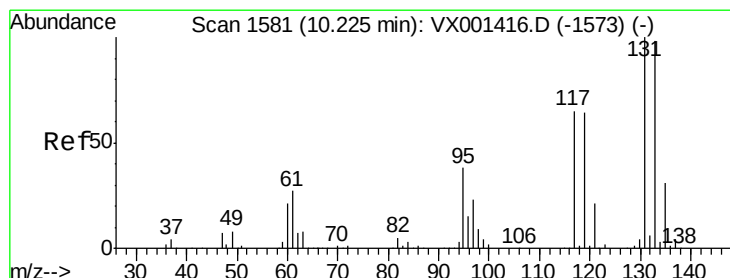
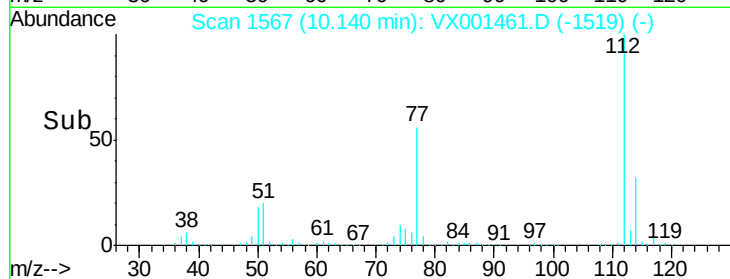
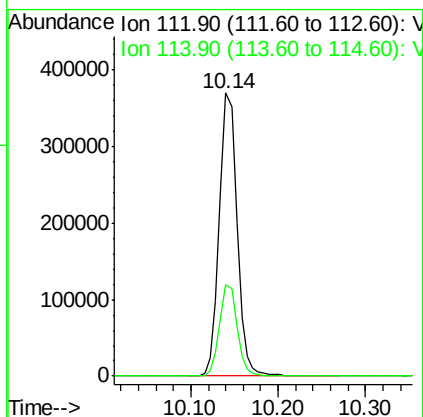
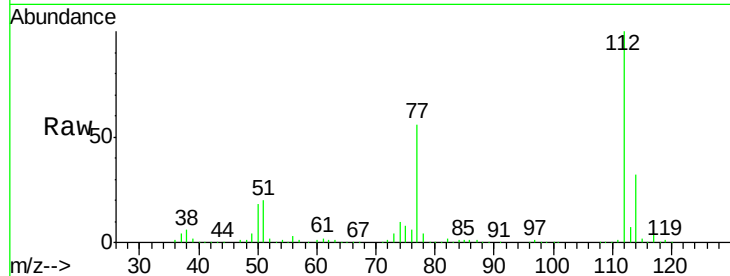
#65
Chlorobenzene
Concen: 49.00 ug/l
RT: 10.14 min Scan# 1567
Delta R.T. -0.01 min
Lab File: VX001461.D
Acq: 07 May 2018 11:25

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:112 Resp: 522707
Ion Ratio Lower Upper
112 100
114 32.4 26.0 39.0

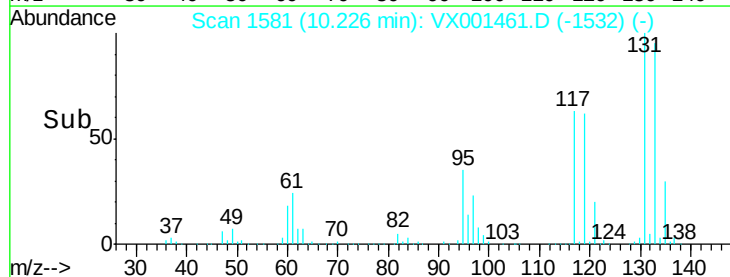
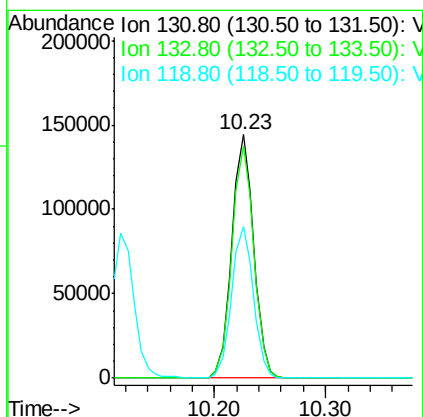
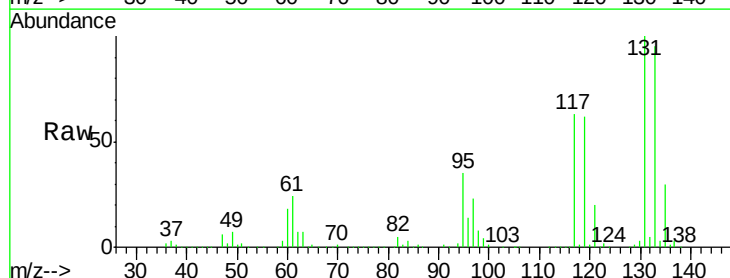
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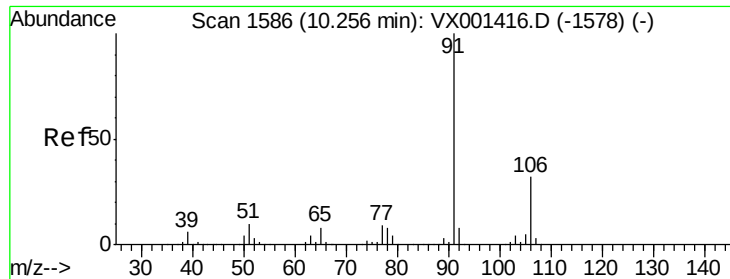
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#66
1,1,1,2-Tetrachloroethane
Concen: 51.14 ug/l
RT: 10.23 min Scan# 1581
Delta R.T. 0.00 min
Lab File: VX001461.D
Acq: 07 May 2018 11:25

Tgt Ion:131 Resp: 195161
Ion Ratio Lower Upper
131 100
133 95.7 47.9 143.8
119 62.4 31.1 93.3





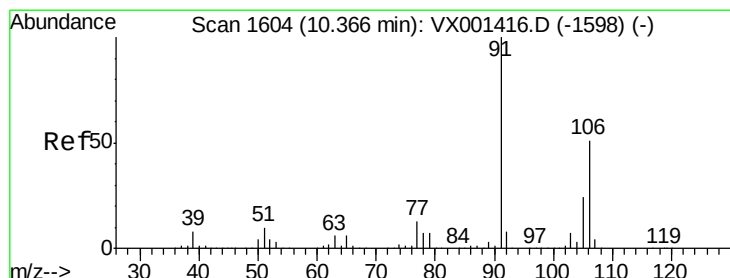
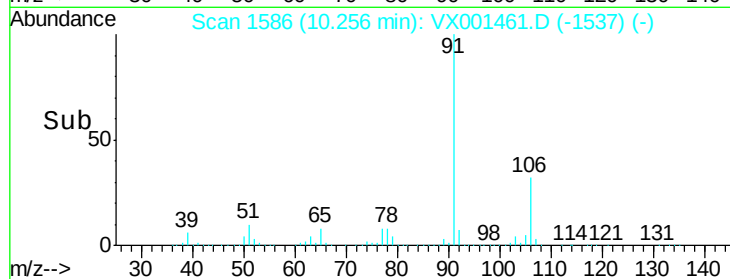
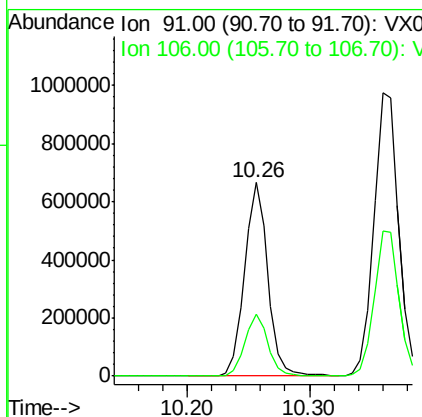
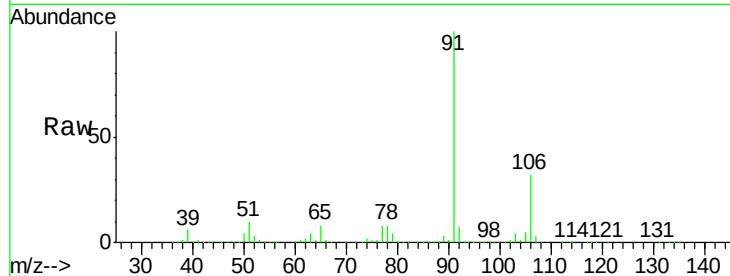
#67
Ethyl Benzene
Concen: 50.12 ug/l
RT: 10.26 min Scan# 1586
Delta R.T. 0.00 min
Lab File: VX001461.D
Acq: 07 May 2018 11:25

Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050

Tot Ion: 91 Resp: 876421
Ion Ratio Lower Upper
91 100
106 32.0 25.5 38.3

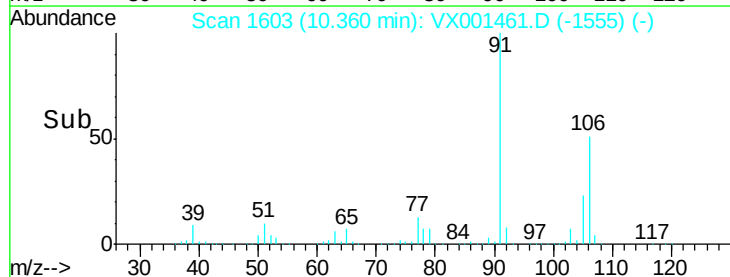
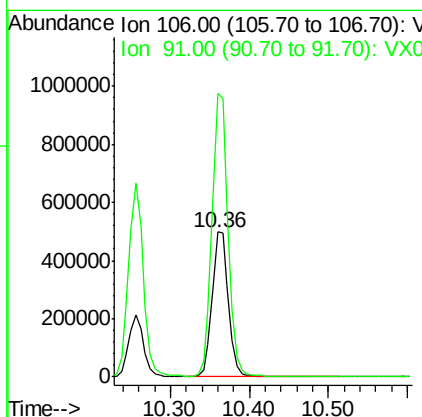
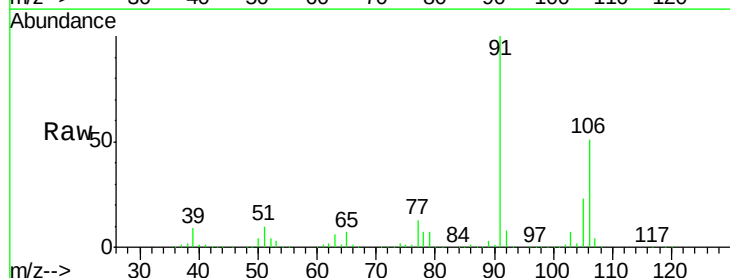
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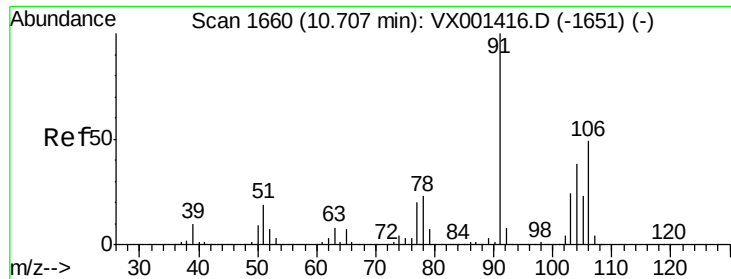
MMDadoda
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#68
m/p-Xylenes
Concen: 102.93 ug/l
RT: 10.36 min Scan# 1603
Delta R.T. -0.01 min
Lab File: VX001461.D
Acq: 07 May 2018 11:25

Tgt Ion: 106 Resp: 711151
Ion Ratio Lower Upper
106 100
91 194.6 157.5 236.3





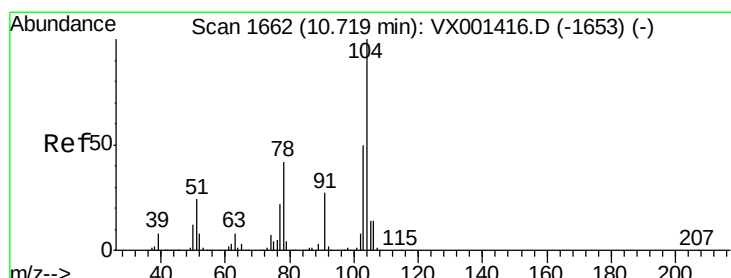
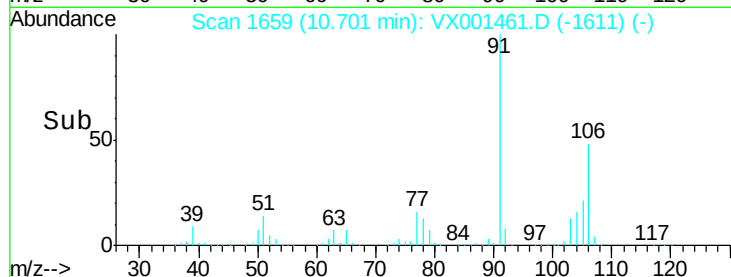
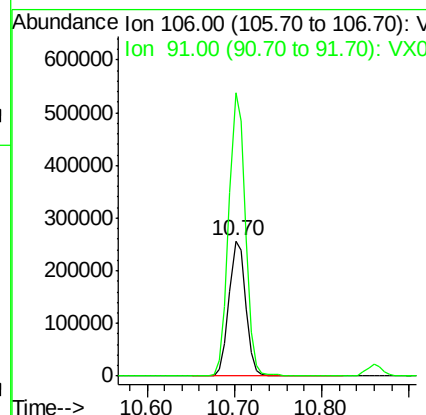
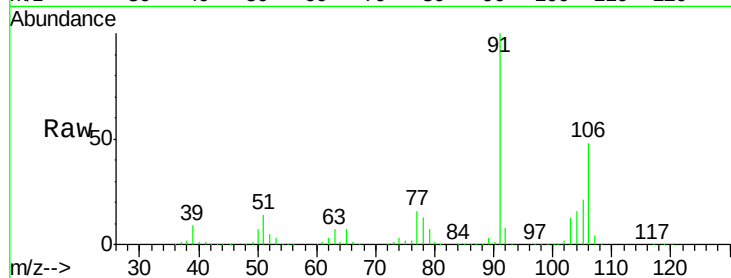
#69
o-Xylene
Concen: 50.64 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. -0.01 min
Lab File: VX001461.D
Acq: 07 May 2018 11:25

Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050

Tot Ion:106 Resp: 340021
Ion Ratio Lower Upper
106 100
91 207.1 103.1 309.1

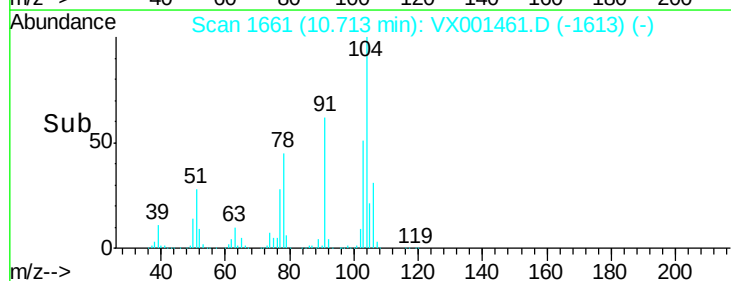
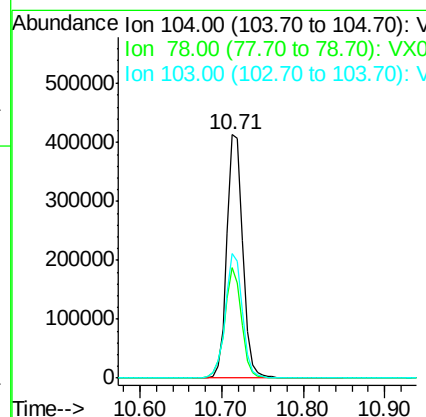
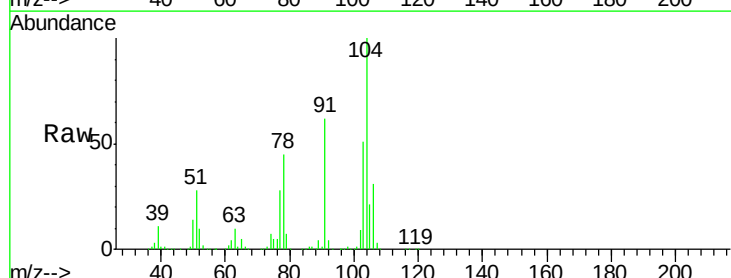
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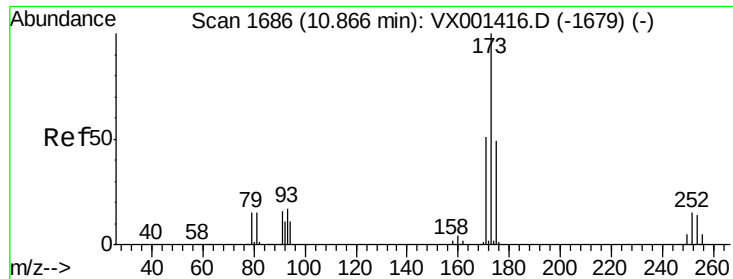
MMDadoda
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#70
Styrene
Concen: 51.63 ug/l
RT: 10.71 min Scan# 1661
Delta R.T. -0.01 min
Lab File: VX001461.D
Acq: 07 May 2018 11:25

Tgt Ion:104 Resp: 563188
Ion Ratio Lower Upper
104 100
78 47.8 38.6 58.0
103 54.6 44.0 66.0





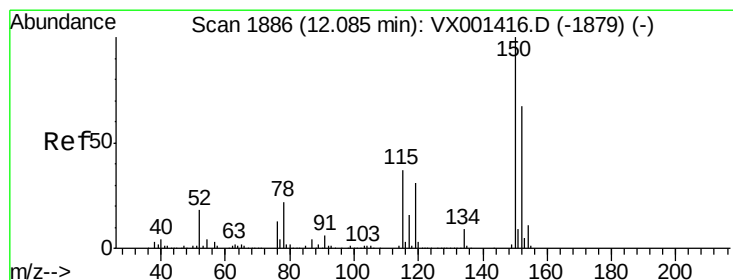
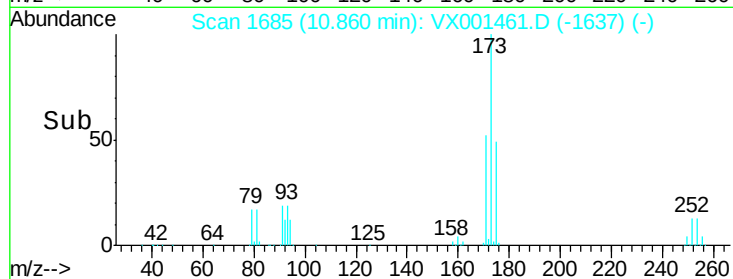
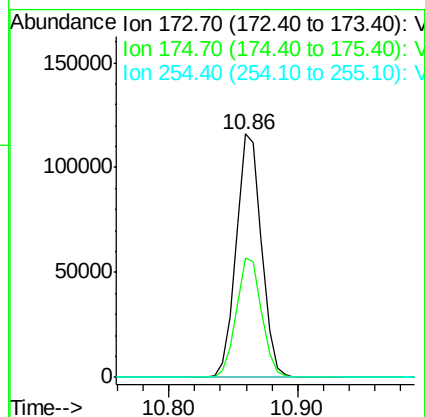
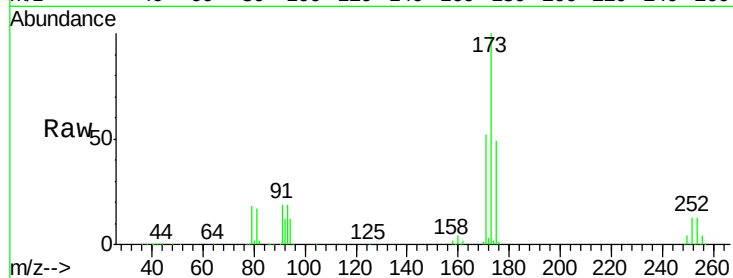
#71
Bromoform
Concen: 43.68 ug/l
RT: 10.86 min Scan# 1685
Delta R.T. -0.01 min
Lab File: VX001461.D
Acq: 07 May 2018 11:25

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
173	100		
175	49.1	24.5	73.5
254	0.2	0.2	0.2

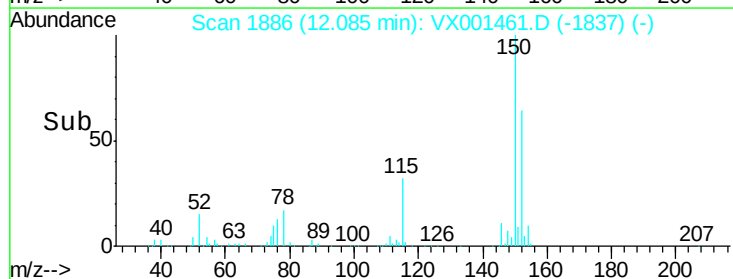
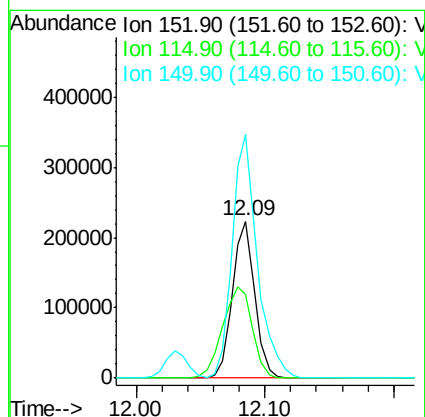
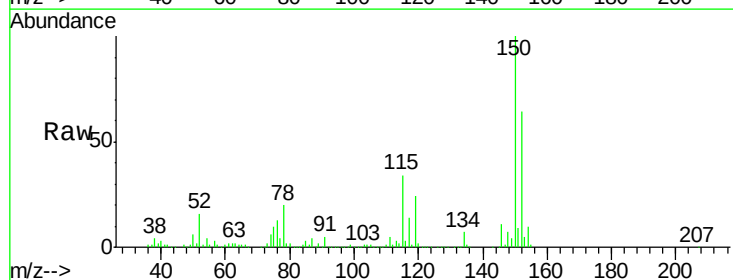
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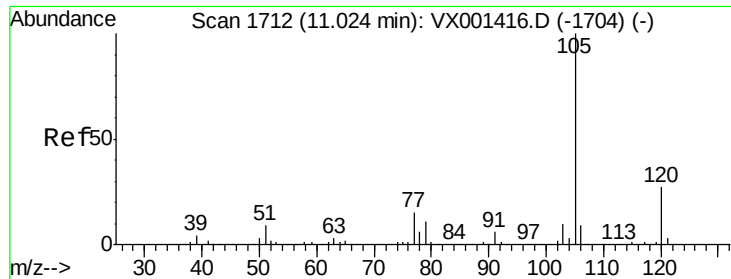
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#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.09 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX001461.D
Acq: 07 May 2018 11:25

Tgt Ion	Ratio	Lower	Upper
152	100		
115	77.5	37.7	113.1
150	174.9	0.0	349.4





#73

Isopropylbenzene

Concen: 49.51 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. 0.00 min

Lab File: VX001461.D

Acq: 07 May 2018 11:25

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 105 Resp: 924528

Ion Ratio Lower Upper

105 100

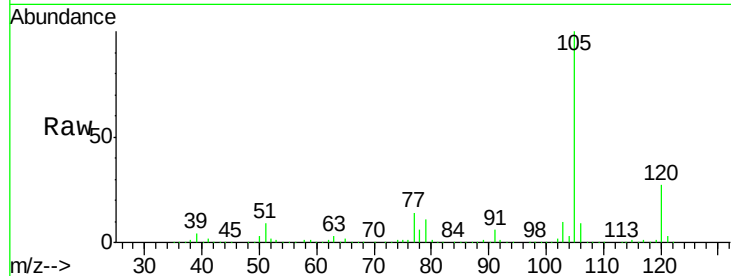
120 27.2 13.6 40.8

Manual Integrations

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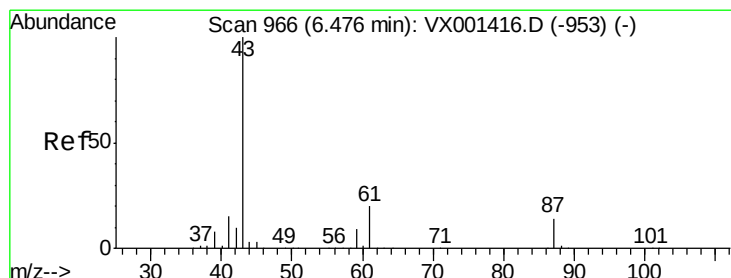
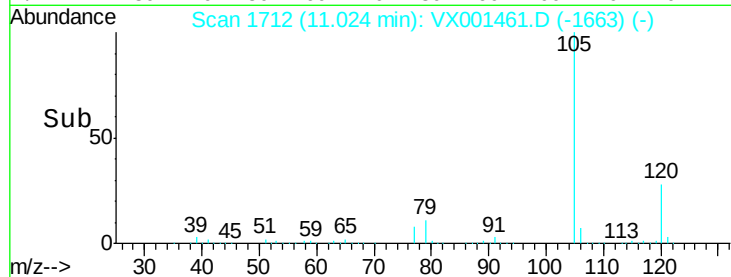
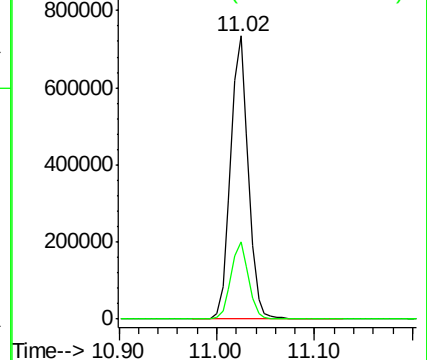
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 45.27 ug/l

RT: 6.47 min Scan# 965

Delta R.T. -0.01 min

Lab File: VX001461.D

Acq: 07 May 2018 11:25

Tgt Ion: 43 Resp: 384028

Ion Ratio Lower Upper

43 100

70 0.0 0.0 0.0

55 0.0 0.1 0.1#

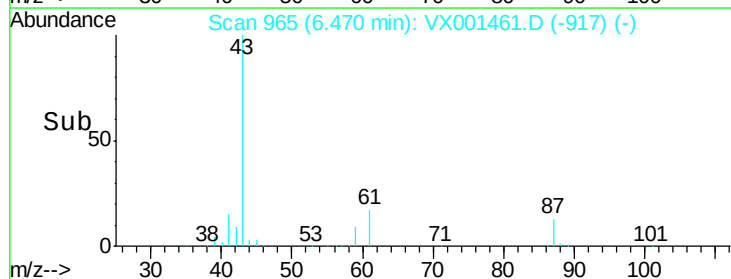
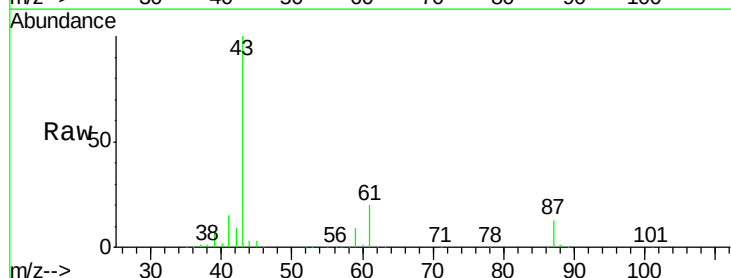
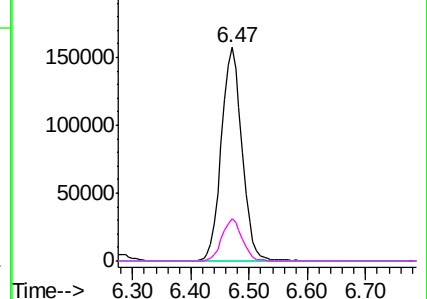
61 19.6 15.4 23.0

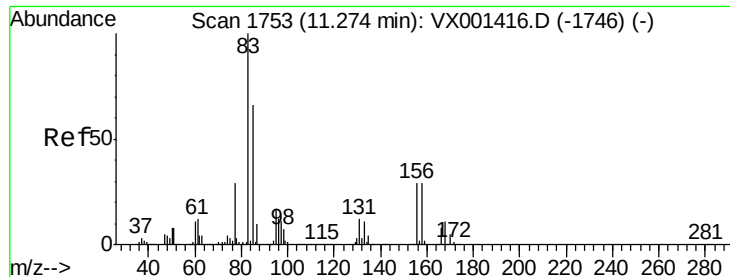
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 45.08 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. 0.00 min

Lab File: VX001461.D

Acq: 07 May 2018 11:25

Instrument :

MSVOA_X

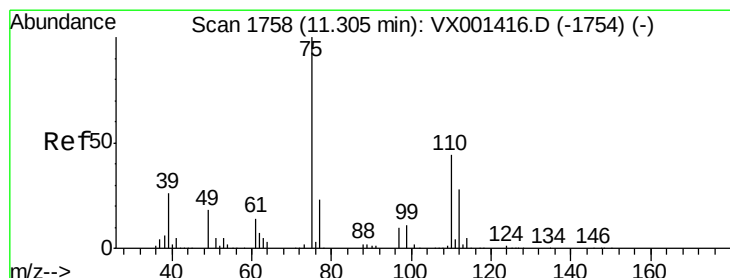
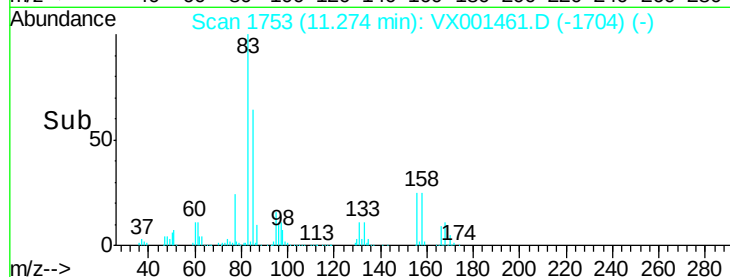
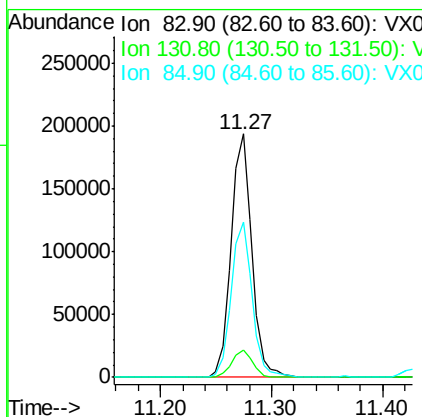
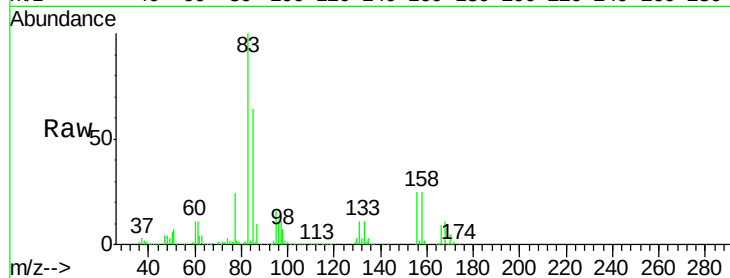
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	248673
Ion Ratio	Lower	Upper	
83	100		
131	11.6	5.8	17.4
85	64.9	32.7	98.1

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#76

1,2,3-Trichloropropane

Concen: 46.40 ug/l m

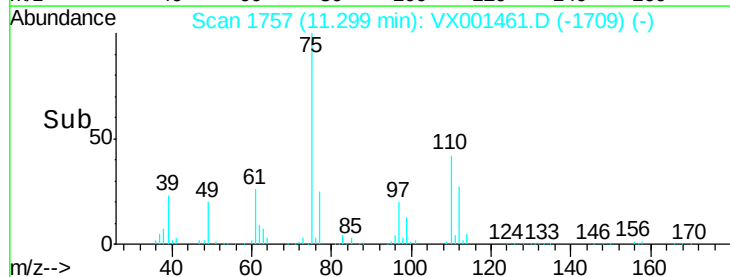
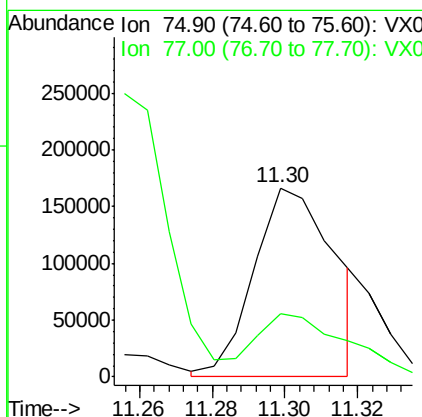
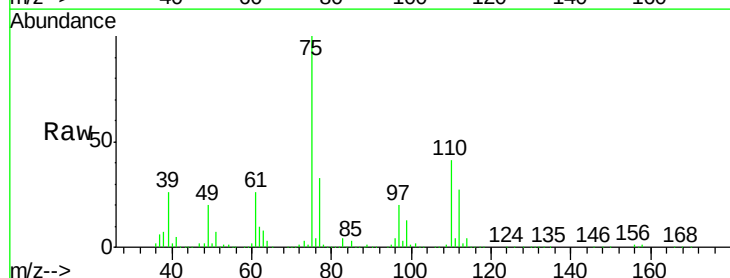
RT: 11.30 min Scan# 1757

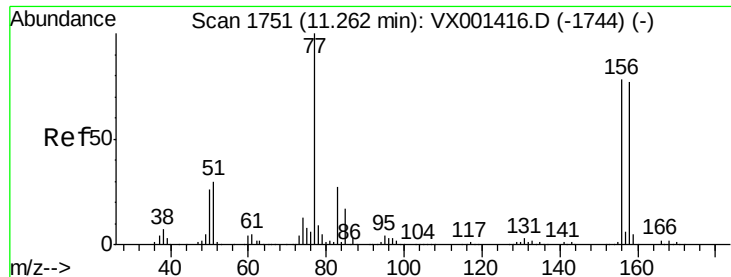
Delta R.T. -0.01 min

Lab File: VX001461.D

Acq: 07 May 2018 11:25

Tgt Ion:	75	Resp:	253865
Ion Ratio	Lower	Upper	
75	100		
77	38.9	19.6	58.7





#77

Bromobenzene

Concen: 47.40 ug/l

RT: 11.26 min Scan# 1751

Delta R.T. 0.00 min

Lab File: VX001461.D

Acq: 07 May 2018 11:25

Instrument :

MSVOA_X

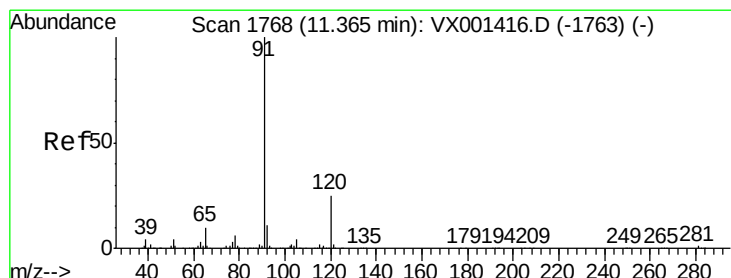
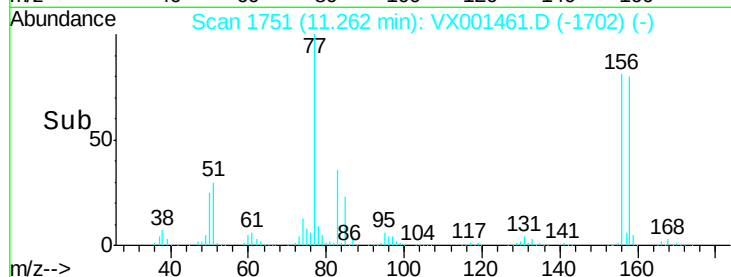
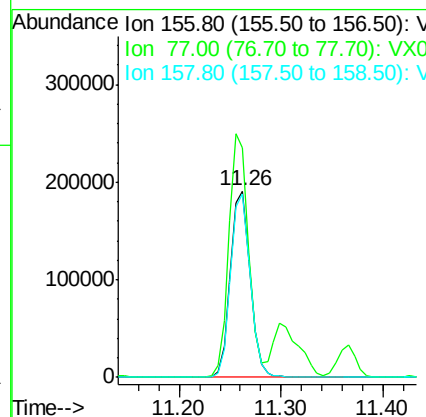
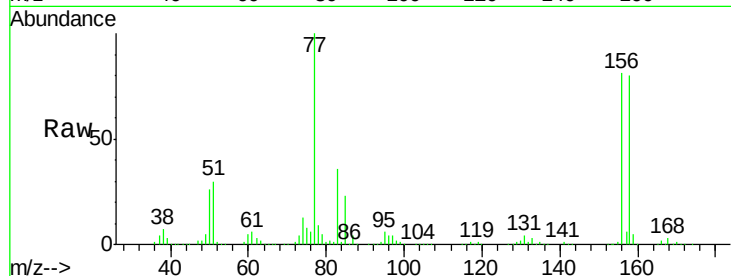
ClientSampleId :

VSTDCCC050

Tot Ion	Ratio	Lower	Upper
156	100		
77	128.9	66.0	198.2
158	97.4	49.4	148.2

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5/9/2018 5:47:31 PM



#78

n-propylbenzene

Concen: 51.39 ug/l

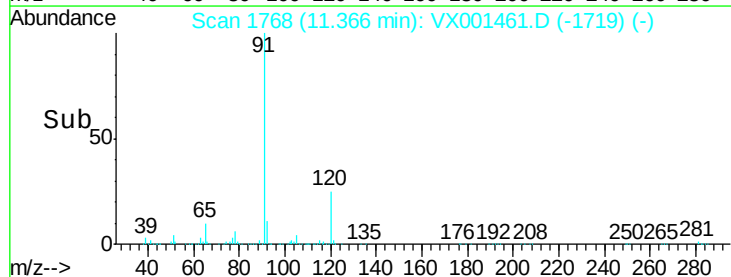
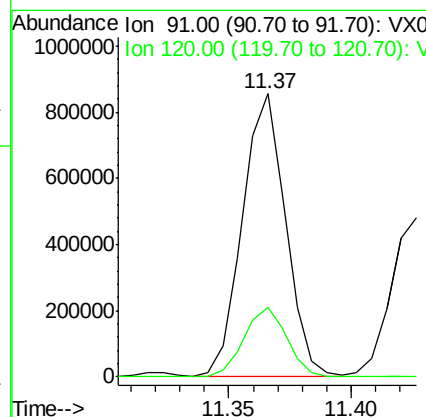
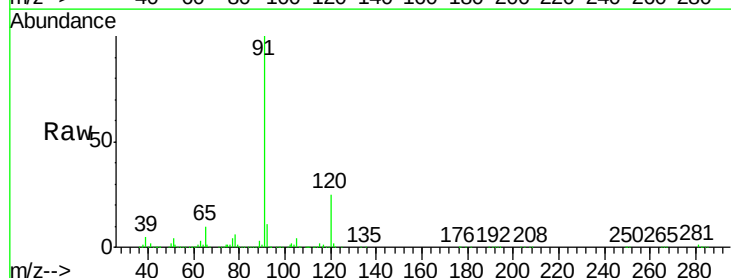
RT: 11.37 min Scan# 1768

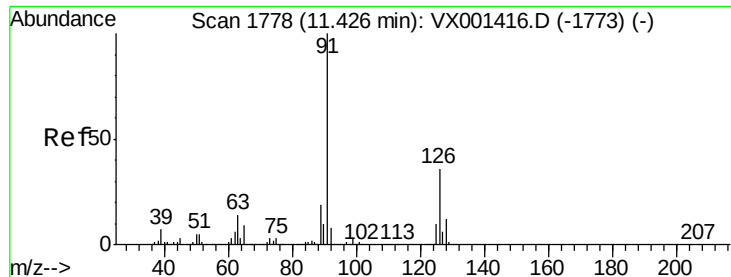
Delta R.T. 0.00 min

Lab File: VX001461.D

Acq: 07 May 2018 11:25

Tgt Ion	Ratio	Lower	Upper
91	100		
120	24.8	12.5	37.5





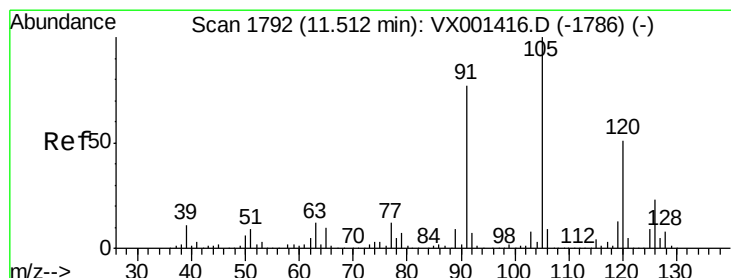
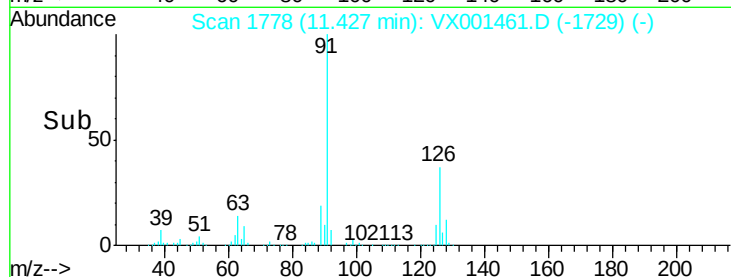
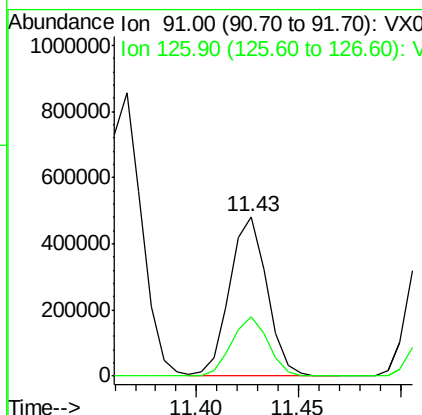
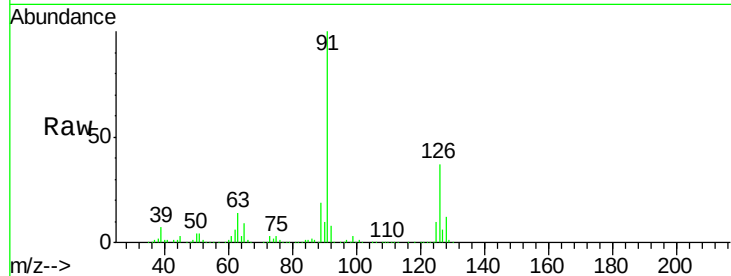
#79
 2-Chlorotoluene
 Concen: 48.34 ug/l
 RT: 11.43 min Scan# 1778
 Delta R.T. 0.00 min
 Lab File: VX001461.D
 Acq: 07 May 2018 11:25

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion: 91 Resp: 604935
 Ion Ratio Lower Upper
 91 100
 126 37.0 18.1 54.4

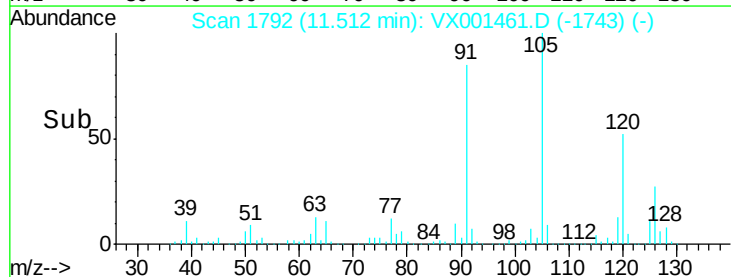
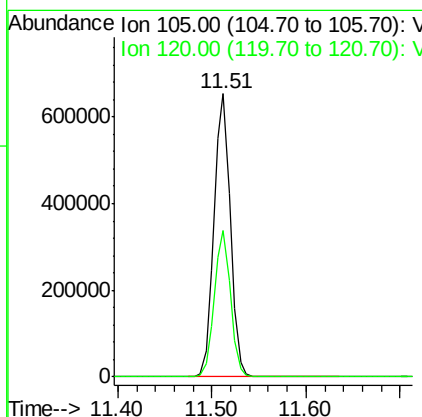
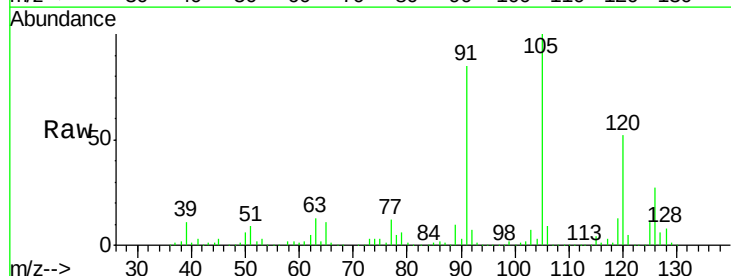
Manual Integrations
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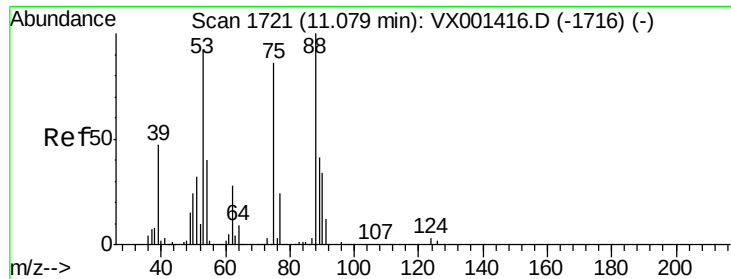
MMDadoda
 5/9/2018 5:47:31 PM



#80
 1,3,5-Trimethylbenzene
 Concen: 50.47 ug/l
 RT: 11.51 min Scan# 1792
 Delta R.T. 0.00 min
 Lab File: VX001461.D
 Acq: 07 May 2018 11:25

Tgt Ion: 105 Resp: 784719
 Ion Ratio Lower Upper
 105 100
 120 51.1 25.7 77.1





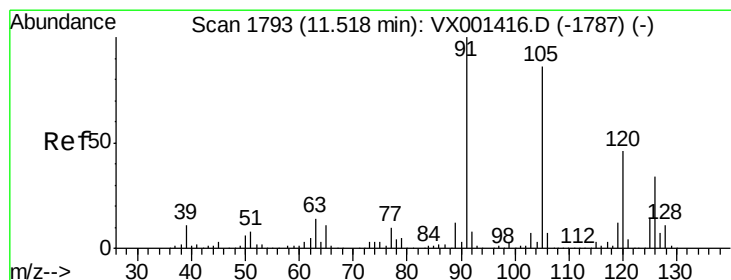
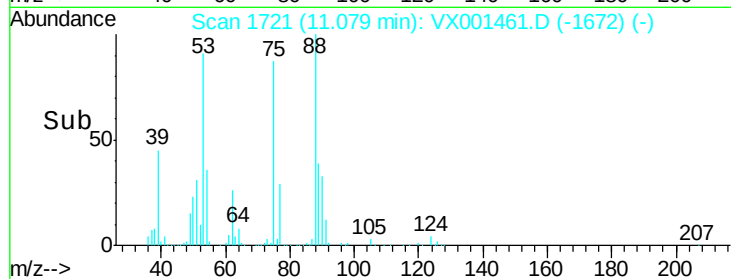
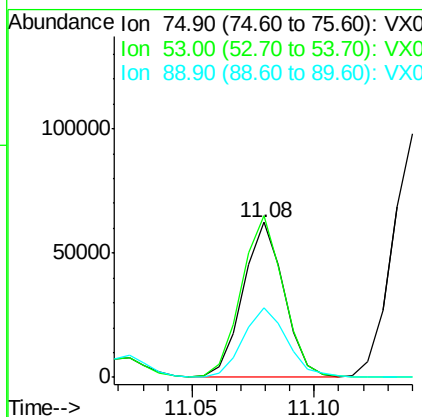
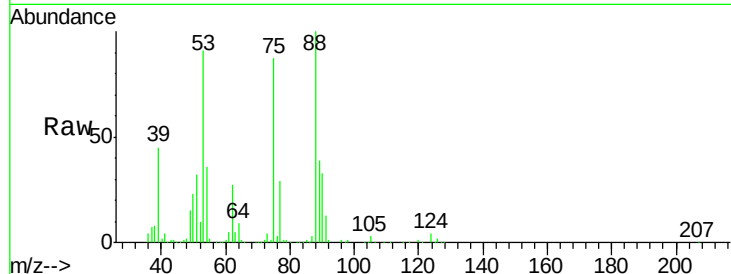
#81
trans-1,4-Dichloro-2-butene
Concen: 42.88 ug/l
RT: 11.08 min Scan# 1721
Delta R.T. 0.00 min
Lab File: VX001461.D
Acq: 07 May 2018 11:25

Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
75	100		
53	107.1	84.5	126.7
89	48.6	39.5	59.3

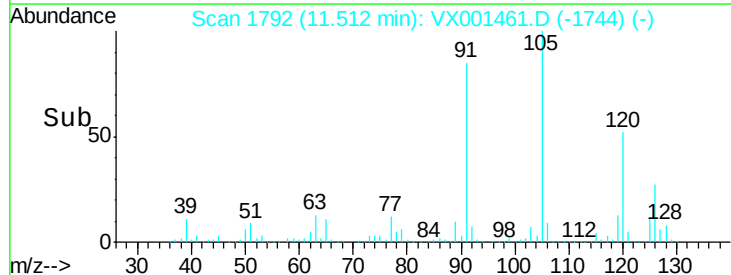
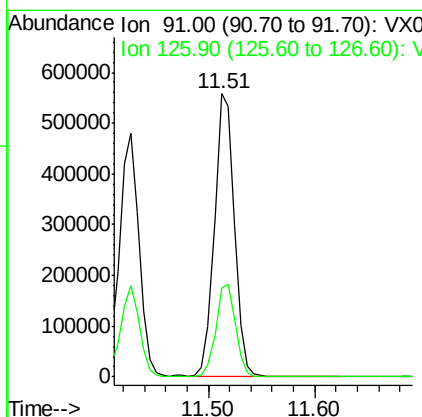
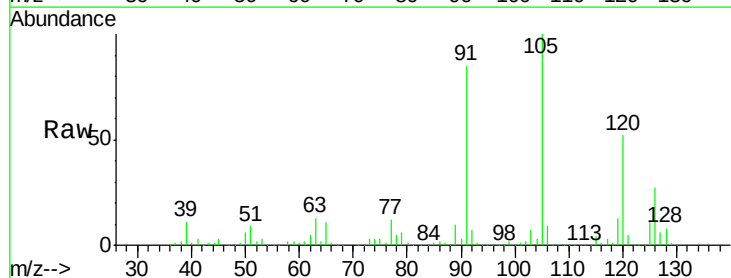
Manual Integrations
APPROVED

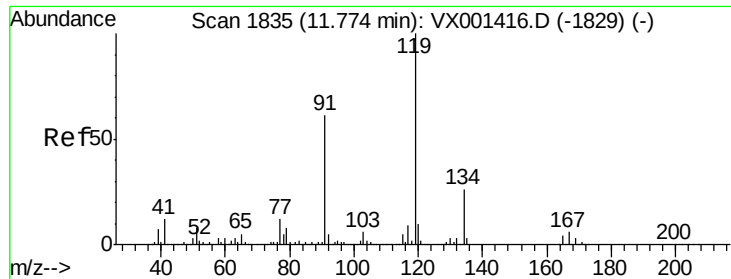
MMDadoda
5/9/2018 5:47:31 PM



#82
4-Chlorotoluene
Concen: 49.84 ug/l
RT: 11.51 min Scan# 1792
Delta R.T. -0.01 min
Lab File: VX001461.D
Acq: 07 May 2018 11:25

Tgt Ion	Ratio	Lower	Upper
91	100		
126	32.6	16.2	48.5





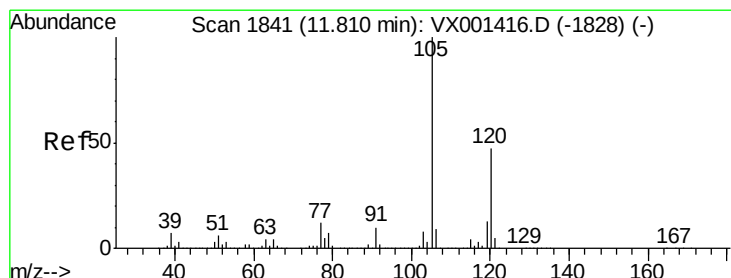
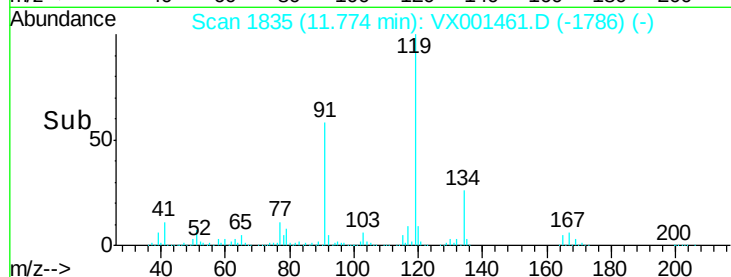
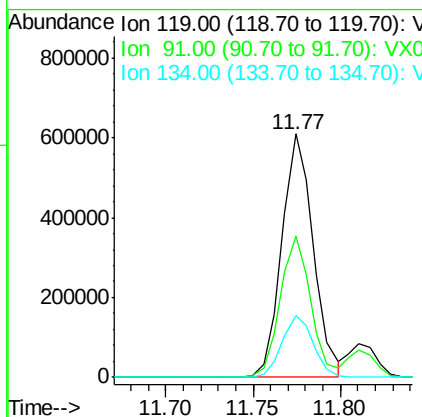
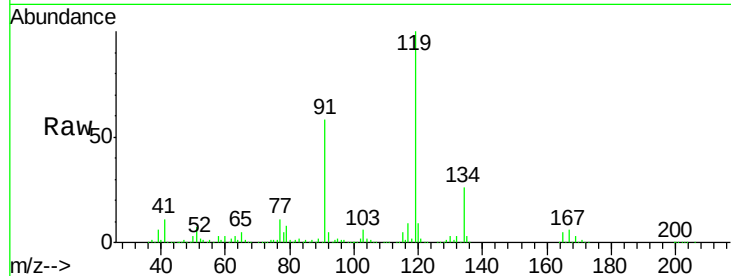
#83
 tert-Butylbenzene
 Concen: 49.55 ug/l
 RT: 11.77 min Scan# 1835
 Delta R.T. 0.00 min
 Lab File: VX001461.D
 Acq: 07 May 2018 11:25

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
119	100		
91	56.2	27.8	83.3
134	25.3	12.4	37.0

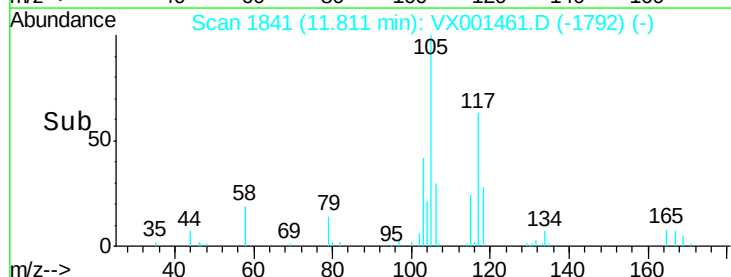
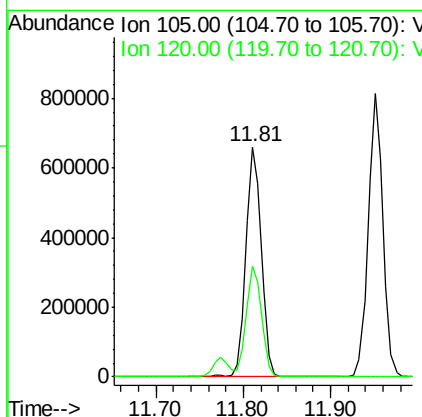
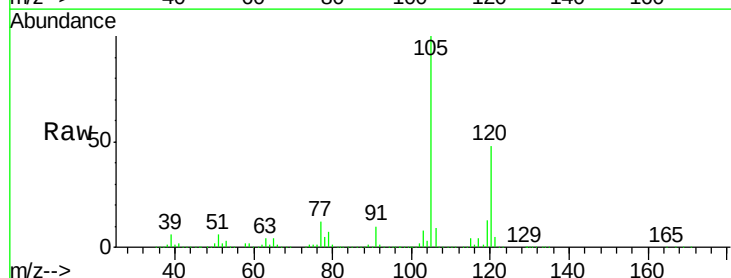
Manual Integrations
 APPROVED

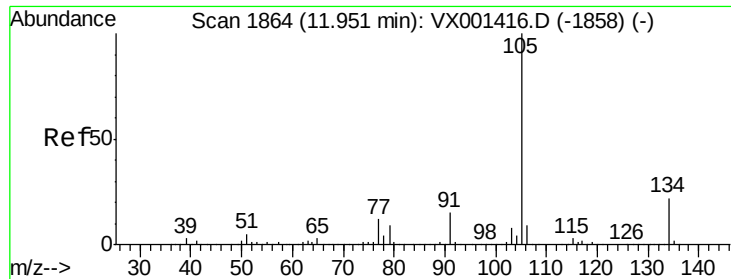
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 5/9/2018 5:47:31 PM



#84
 1,2,4-Trimethylbenzene
 Concen: 50.53 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. 0.00 min
 Lab File: VX001461.D
 Acq: 07 May 2018 11:25

Tgt Ion	Ratio	Lower	Upper
105	100		
120	46.9	23.4	70.2





#85

sec-Butylbenzene

Concen: 51.82 ug/l

RT: 11.95 min Scan# 1864

Delta R.T. 0.00 min

Lab File: VX001461.D

Acq: 07 May 2018 11:25

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:105 Resp: 962238

Ion Ratio Lower Upper

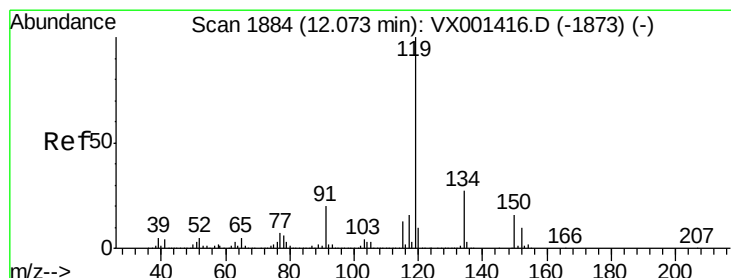
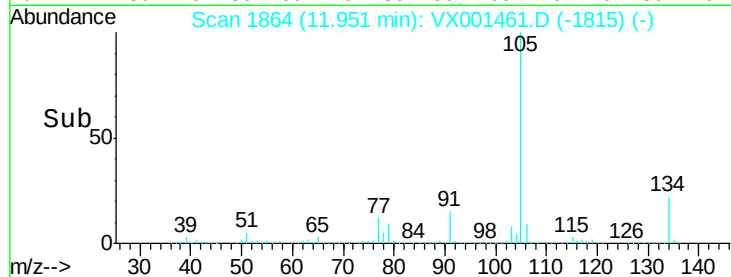
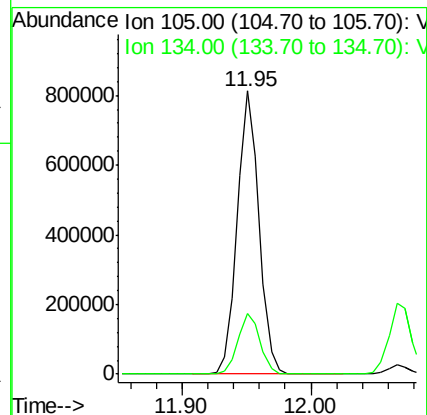
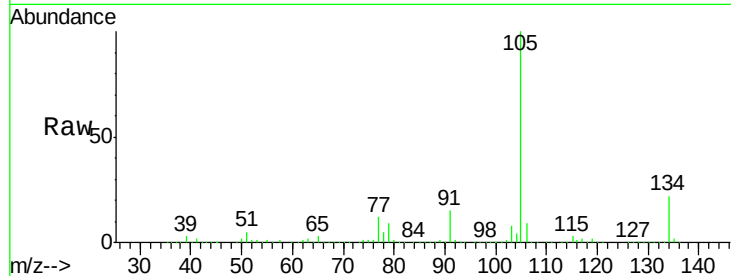
105 100

134 21.8 10.9 32.9

Manual Integrations
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#86

p-Isopropyltoluene

Concen: 52.76 ug/l

RT: 12.07 min Scan# 1883

Delta R.T. -0.01 min

Lab File: VX001461.D

Acq: 07 May 2018 11:25

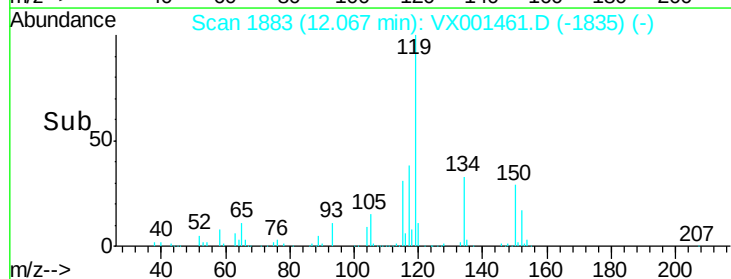
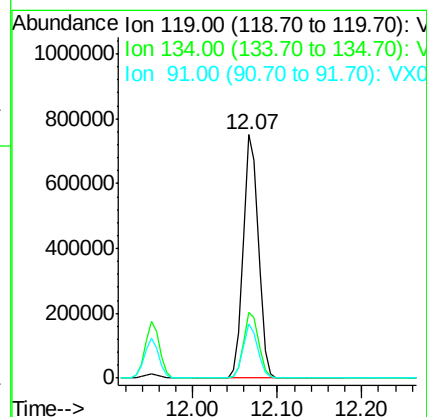
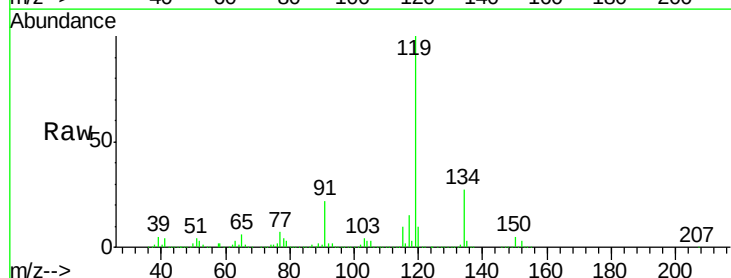
Tgt Ion:119 Resp: 898717

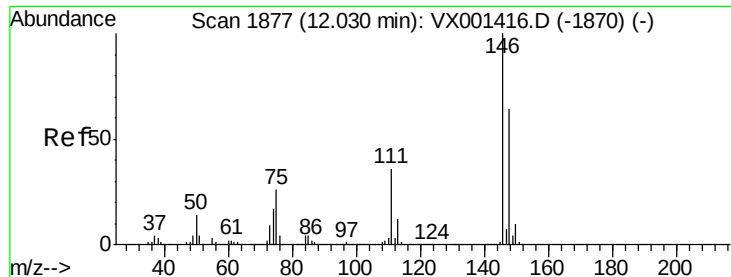
Ion Ratio Lower Upper

119 100

134 27.0 13.6 40.8

91 21.7 10.8 32.3





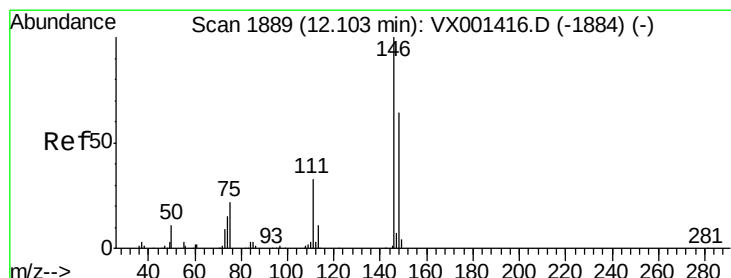
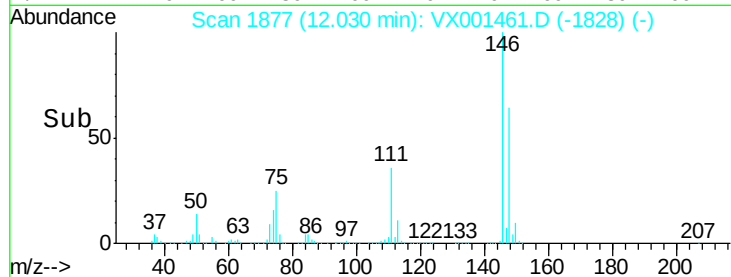
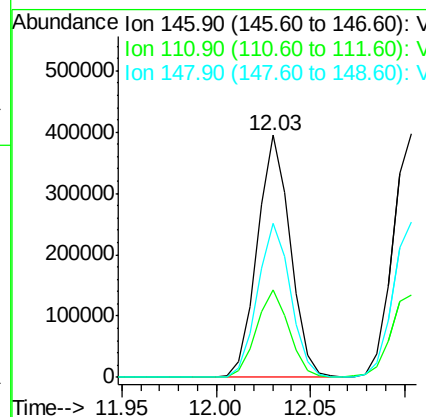
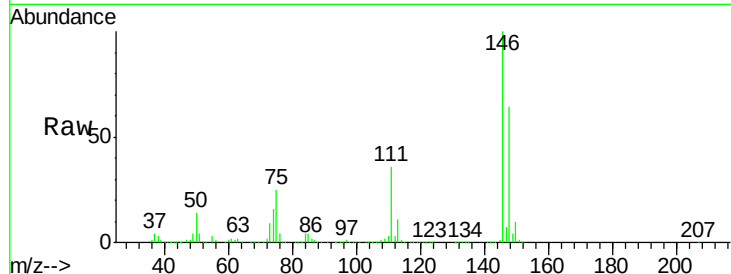
#87
 1,3-Dichlorobenzene
 Concen: 49.05 ug/l
 RT: 12.03 min Scan# 1877
 Delta R.T. 0.00 min
 Lab File: VX001461.D
 Acq: 07 May 2018 11:25

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	35.9	18.1	54.1
148	64.1	32.1	96.5

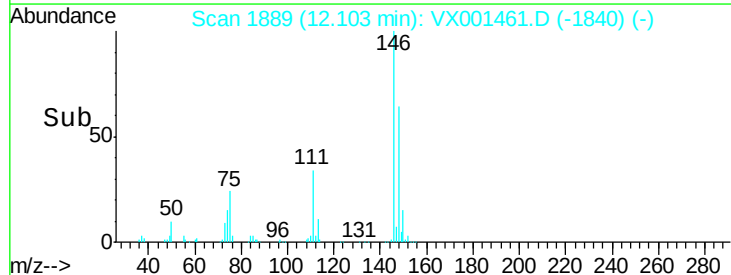
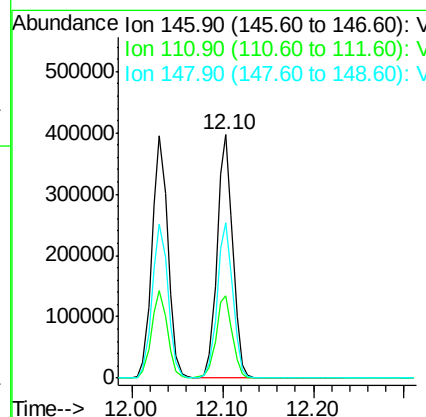
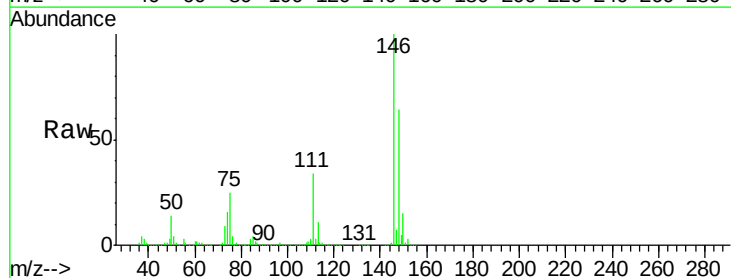
Manual Integrations
 APPROVED

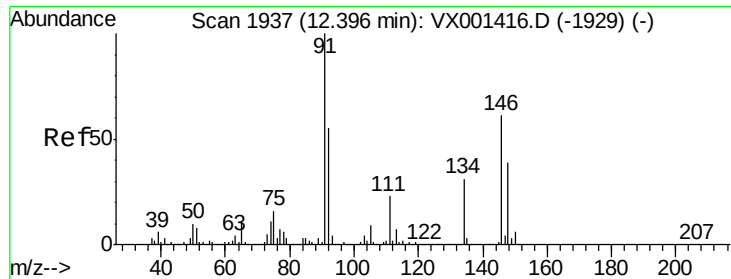
MMDadoda
 5/9/2018 5:47:31 PM



#88
 1,4-Dichlorobenzene
 Concen: 48.75 ug/l
 RT: 12.10 min Scan# 1889
 Delta R.T. 0.00 min
 Lab File: VX001461.D
 Acq: 07 May 2018 11:25

Tgt Ion	Ratio	Lower	Upper
146	100		
111	34.9	17.4	52.3
148	64.1	32.2	96.6





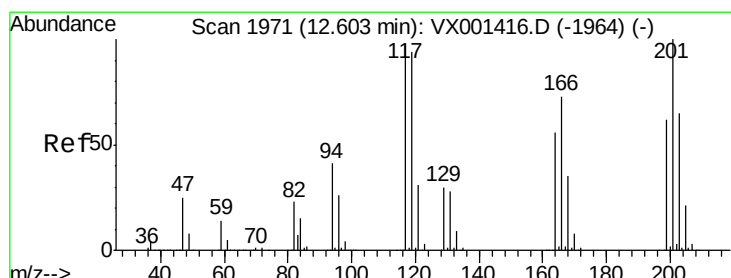
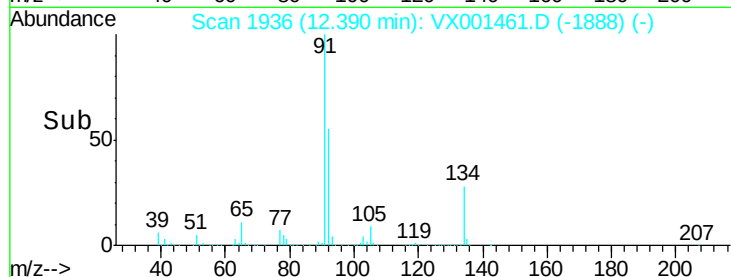
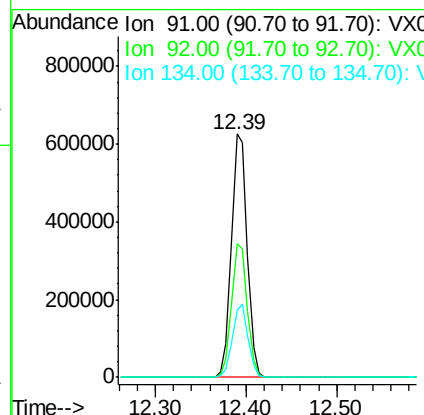
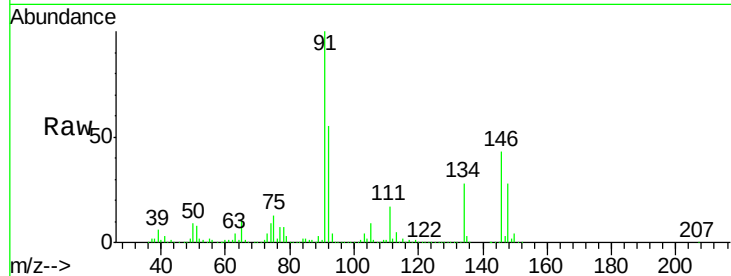
#89
n-Butylbenzene
Concen: 53.34 ug/l
RT: 12.39 min Scan# 1936
Delta R.T. -0.01 min
Lab File: VX001461.D
Acq: 07 May 2018 11:25

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
91	100	752871		
92	54.4	27.2	81.5	
134	29.5	14.6	44.0	

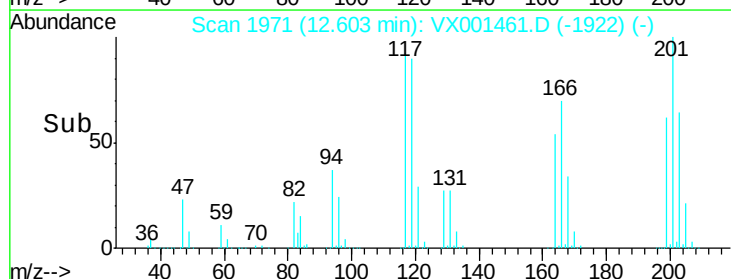
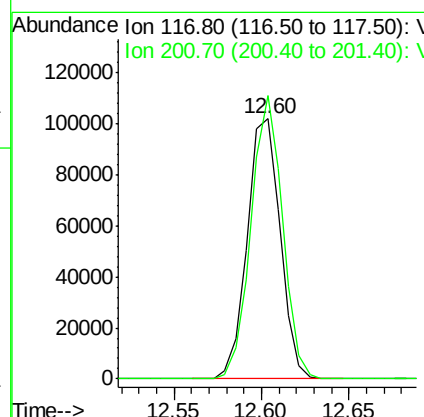
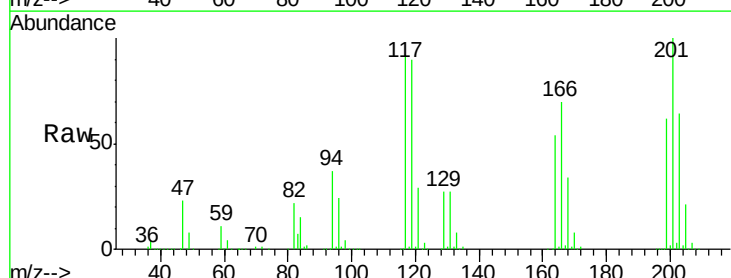
Manual Integrations
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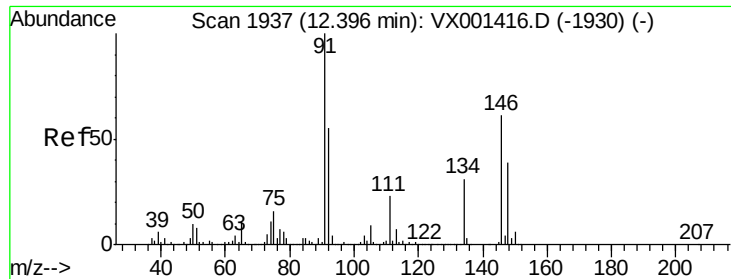
MMDadoda
5/9/2018 5:47:31 PM



#90
Hexachloroethane
Concen: 52.30 ug/l
RT: 12.60 min Scan# 1971
Delta R.T. 0.00 min
Lab File: VX001461.D
Acq: 07 May 2018 11:25

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	134157		
201	103.6	51.5	154.5	





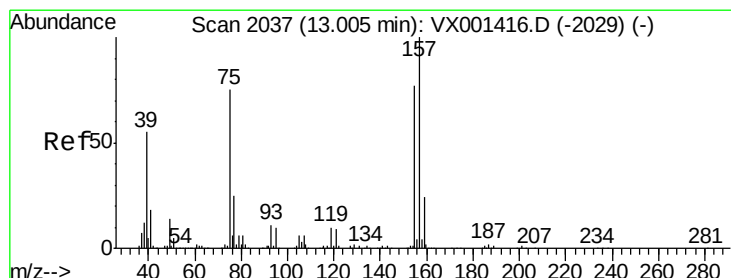
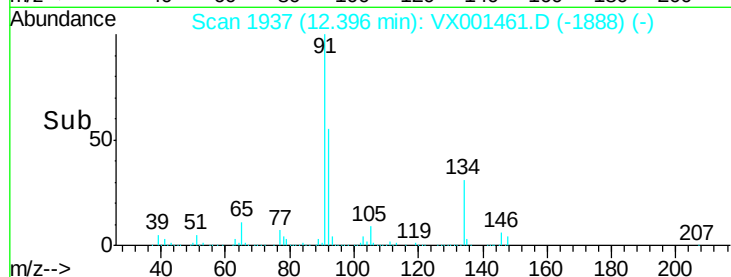
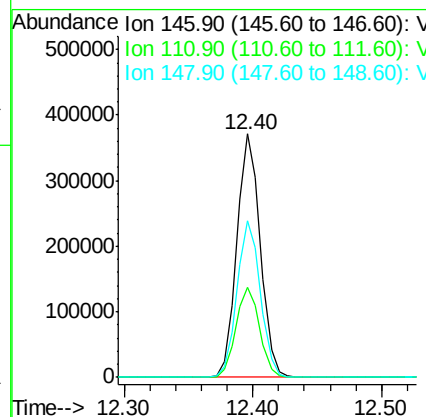
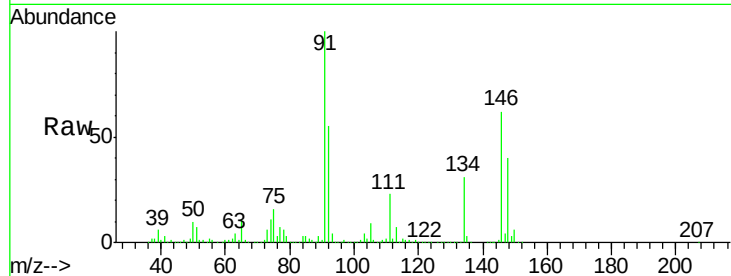
#91
 1,2-Dichlorobenzene
 Concen: 47.73 ug/l
 RT: 12.40 min Scan# 1937
 Delta R.T. 0.00 min
 Lab File: VX001461.D
 Acq: 07 May 2018 11:25

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.5	18.6	55.8
148	64.2	32.1	96.5

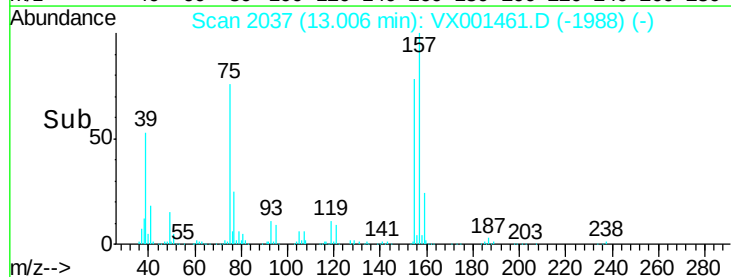
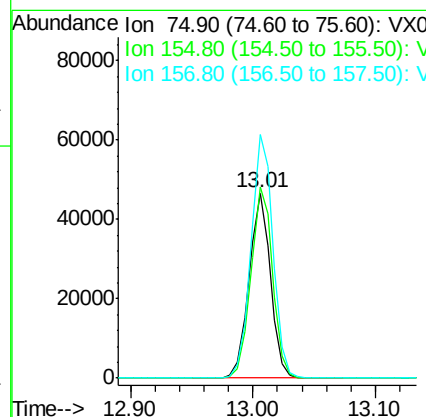
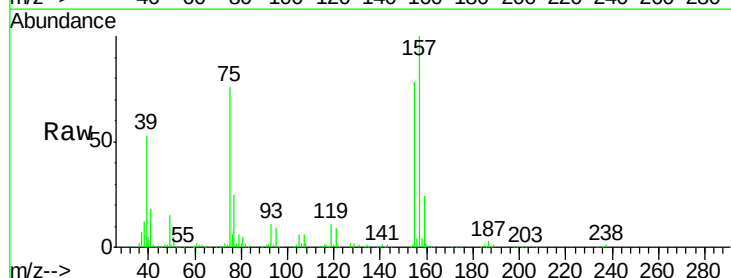
Manual Integrations
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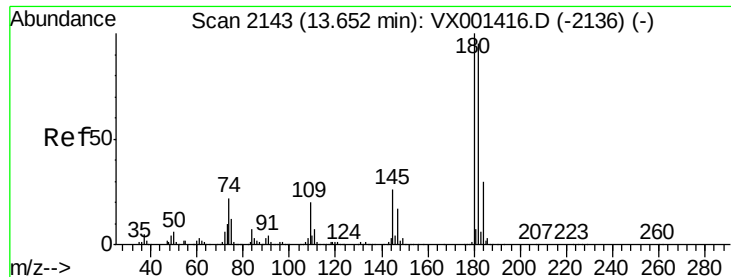
MMDadoda
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 46.50 ug/l
 RT: 13.01 min Scan# 2037
 Delta R.T. 0.00 min
 Lab File: VX001461.D
 Acq: 07 May 2018 11:25

Tgt Ion	Ratio	Lower	Upper
75	100		
155	105.3	53.4	160.2
157	135.3	68.3	204.8





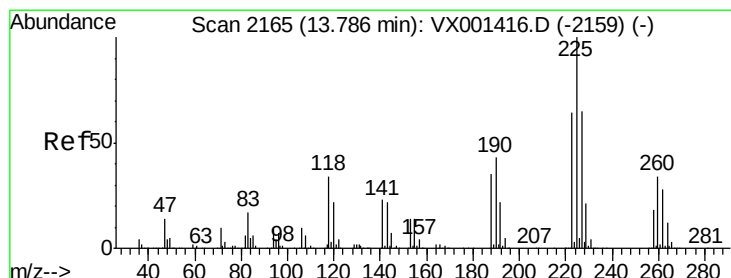
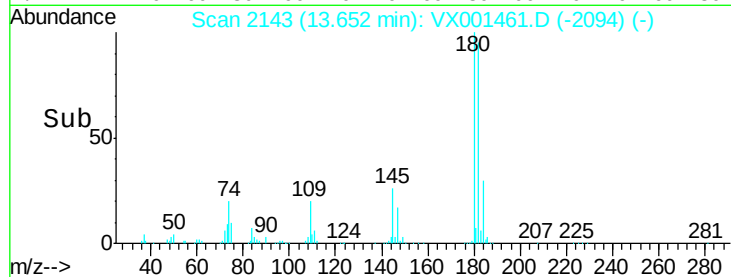
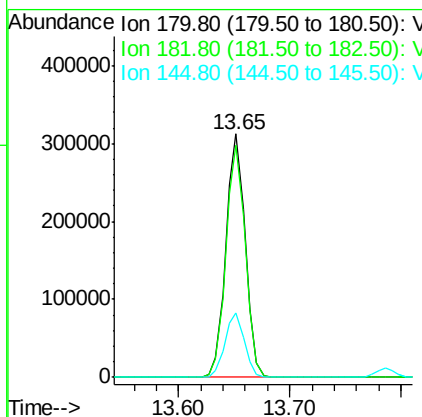
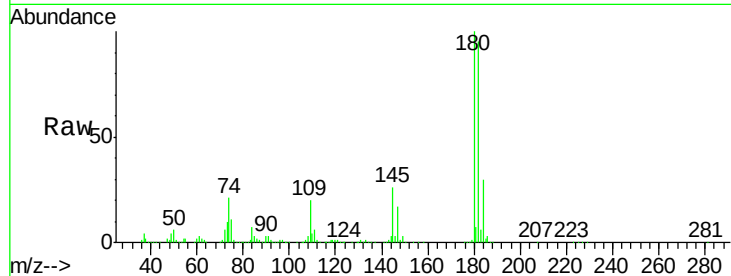
#93
 1,2,4-Trichlorobenzene
 Concen: 51.68 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. 0.00 min
 Lab File: VX001461.D
 Acq: 07 May 2018 11:25

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
180	100	373405		
182	95.7	47.8	143.4	
145	26.6	13.3	39.9	

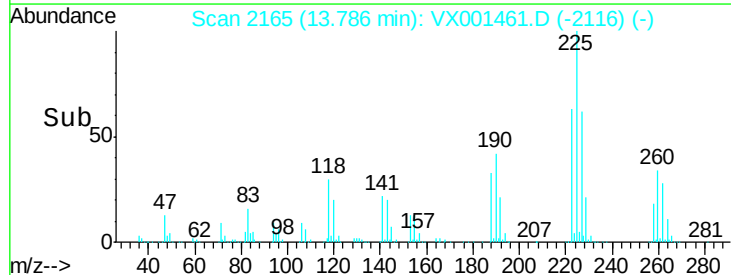
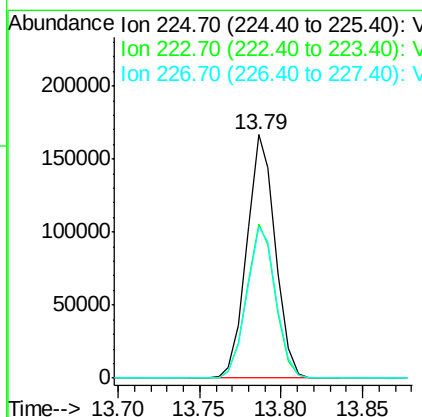
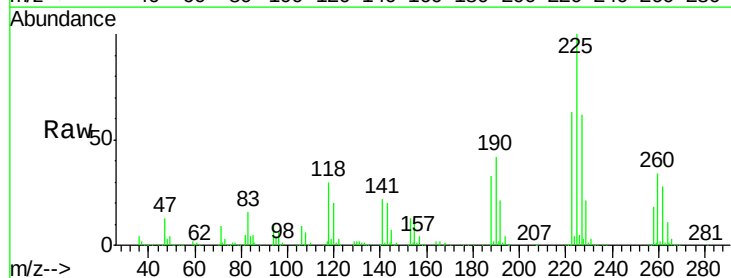
Manual Integrations
 APPROVED

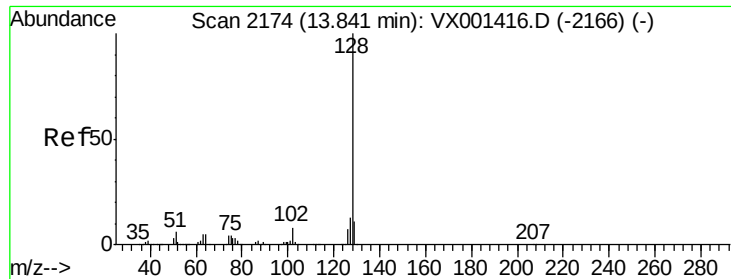
MMDadoda
 5/9/2018 5:47:31 PM



#94
 Hexachlorobutadiene
 Concen: 51.34 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. 0.00 min
 Lab File: VX001461.D
 Acq: 07 May 2018 11:25

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	202979		
223	63.2	31.3	93.9	
227	63.2	32.4	97.2	





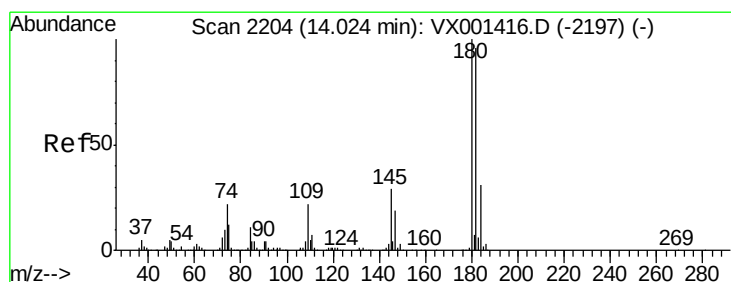
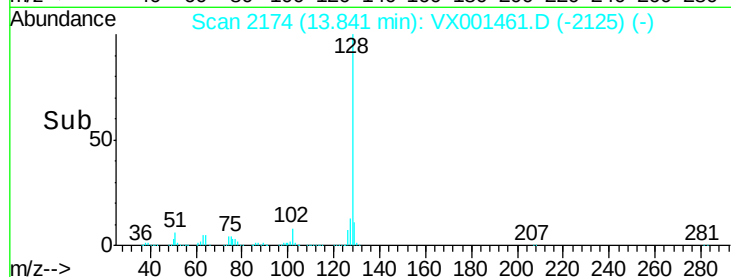
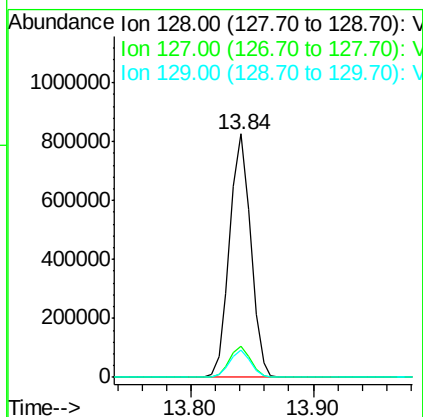
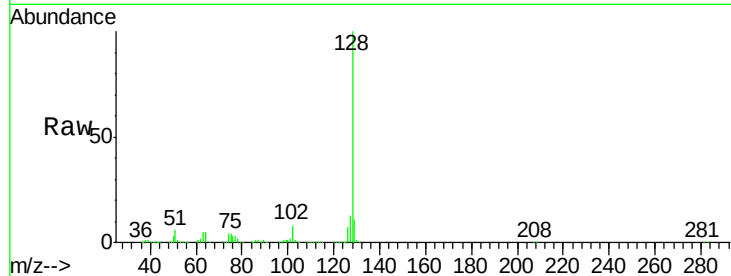
#95
Naphthalene
Concen: 49.03 ug/l
RT: 13.84 min Scan# 2174
Delta R.T. 0.00 min
Lab File: VX001461.D
Acq: 07 May 2018 11:25

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
128	100	979727		
127	12.8		10.4	15.6
129	10.9		8.7	13.1

Manual Integrations
APPROVED

MMDadoda
5/9/2018 5:47:31 PM



#96
1,2,3-Trichlorobenzene
Concen: 49.91 ug/l
RT: 14.02 min Scan# 2204
Delta R.T. 0.00 min
Lab File: VX001461.D
Acq: 07 May 2018 11:25

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	370026		
182	97.4		48.0	144.2
145	28.5		14.1	42.4

