

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX050618\
 Data File : VX001439.D
 Acq On : 06 May 2018 13:04
 Operator : JC/MD
 Sample : VX0506WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0506WBS01

Manual Integrations
 APPROVED

MMDadoda
 5/18/2018 2:17:28 PM

Quant Time: May 07 07:24:45 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	270657	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	345997	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	328716	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	235294	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	189414	48.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.38%	
35) Dibromofluoromethane	5.51	113	150425	48.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.76%	
50) Toluene-d8	8.72	98	554510	49.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.72%	
62) 4-Bromofluorobenzene	11.14	95	209927	48.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.36%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	73648	20.21	ug/l	100
3) Chloromethane	1.32	50	66568	18.76	ug/l	99
4) Vinyl Chloride	1.40	62	70842	19.13	ug/l	98
5) Bromomethane	1.64	94	43707	23.99	ug/l	96
6) Chloroethane	1.72	64	45153	18.45	ug/l	98
7) Trichlorofluoromethane	1.93	101	110005	19.74	ug/l	99
8) Diethyl Ether	2.19	74	41226	18.87	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.39	101	64436	19.72	ug/l	99
10) Methyl Iodide	2.51	142	82916	17.59	ug/l	99
11) Tert butyl alcohol	3.07	59	81644	99.54	ug/l	99
12) 1,1-Dichloroethene	2.37	96	56582	18.89	ug/l	94
13) Acrolein	2.29	56	13898	77.92	ug/l	94
14) Allyl chloride	2.73	41	105049	18.81	ug/l	98
15) Acrylonitrile	3.15	53	169799	91.61	ug/l	100
16) Acetone	2.45	43	166030	93.99	ug/l	100
17) Carbon Disulfide	2.57	76	136574	17.92	ug/l	98
18) Methyl Acetate	2.78	43	88308	19.03	ug/l	99
19) Methyl tert-butyl Ether	3.21	73	203582	19.52	ug/l	100
20) Methylene Chloride	2.85	84	63532	18.16	ug/l	96
21) trans-1,2-Dichloroethene	3.17	96	60463	18.09	ug/l	94
22) Diisopropyl ether	3.87	45	204690	19.62	ug/l	97
23) Vinyl Acetate	3.82	43	881285	101.35	ug/l	100
24) 1,1-Dichloroethane	3.70	63	111155	19.07	ug/l	99
25) 2-Butanone	4.71	43	243041	95.18	ug/l	99
26) 2,2-Dichloropropane	4.59	77	88989	19.77	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	68471	19.24	ug/l	99
28) Bromochloromethane	5.02	49	51712	20.46	ug/l	97
29) Tetrahydrofuran	5.17	42	152803	93.53	ug/l	100
30) Chloroform	5.21	83	116420	19.39	ug/l	99
31) Cyclohexane	5.57	56	98582	19.69	ug/l	97
32) 1,1,1-Trichloroethane	5.50	97	102312	19.50	ug/l	98
36) 1,1-Dichloropropene	5.80	75	84571	19.22	ug/l	100
37) Ethyl Acetate	4.87	43	91842	19.04	ug/l	100
38) Carbon Tetrachloride	5.79	117	91732	19.54	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	104509	20.08	ug/l	96
40) Benzene	6.15	78	251250	19.54	ug/l	99
41) Methacrylonitrile	5.07	41	52387	18.98	ug/l	98
42) 1,2-Dichloroethane	6.20	62	100329	20.31	ug/l	99
43) Isopropyl Acetate	6.47	43	148152	20.00	ug/l	99
44) Trichloroethene	7.21	130	78128	19.88	ug/l	99
45) 1,2-Dichloropropane	7.52	63	63665	19.87	ug/l	96
46) Dibromomethane	7.67	93	44383	19.56	ug/l	99
47) Bromodichloromethane	7.90	83	83147	19.80	ug/l	99
48) Methyl methacrylate	7.78	41	78558	19.48	ug/l	98
49) 1,4-Dioxane	7.76	88	34523	396.23	ug/l	99
51) 4-Methyl-2-Pentanone	8.65	43	485480	98.64	ug/l	98
52) Toluene	8.79	92	167516	19.93	ug/l	99
53) t-1,3-Dichloropropene	8.44	75	95587	20.14	ug/l	99
54) cis-1,3-Dichloropropene	9.04	75	87553	19.30	ug/l	99
55) 1,1,2-Trichloroethane	9.22	97	66606	19.67	ug/l	98
56) Ethyl methacrylate	9.18	69	94861	19.43	ug/l	98
57) 1,3-Dichloropropane	9.38	76	111271	19.87	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	247503	103.37	ug/l	99
59) 2-Hexanone	9.50	43	365482	96.98	ug/l	99
60) Dibromochloromethane	9.59	129	69074	19.92	ug/l	99
61) 1,2-Dibromoethane	9.68	107	71436	20.09	ug/l	100
64) Tetrachloroethene	9.34	164	94607	20.65	ug/l	98
65) Chlorobenzene	10.14	112	190073	19.72	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.23	131	69700	20.21	ug/l	99
67) Ethyl Benzene	10.26	91	312765	19.79	ug/l	99
68) m/p-Xylenes	10.37	106	252887	40.50	ug/l	100
69) o-Xylene	10.70	106	120931	19.93	ug/l	98
70) Styrene	10.72	104	198884	20.18	ug/l	100
71) Bromoform	10.86	173	53709	18.61	ug/l	98
73) Isopropylbenzene	11.02	105	330452	20.29	ug/l	99
74) N-amyl acetate	6.47	43	148152	20.02	ug/l	# 100
75) 1,1,2,2-Tetrachloroethane	11.27	83	91673	19.06	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	94205m	19.74	ug/l	
77) Bromobenzene	11.26	156	93150	19.67	ug/l	99
78) n-propylbenzene	11.37	91	368211	20.76	ug/l	99
79) 2-Chlorotoluene	11.43	91	220692	20.22	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	279088	20.58	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.08	75	22575	18.08	ug/l	87
82) 4-Chlorotoluene	11.52	91	257318	20.43	ug/l	99
83) tert-Butylbenzene	11.77	119	268690	19.91	ug/l	98
84) 1,2,4-Trimethylbenzene	11.81	105	286492	20.55	ug/l	100
85) sec-Butylbenzene	11.95	105	336478	20.77	ug/l	100
86) p-Isopropyltoluene	12.07	119	309658	20.84	ug/l	99
87) 1,3-Dichlorobenzene	12.03	146	171352	20.24	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	171497	19.86	ug/l	99
89) n-Butylbenzene	12.40	91	250558	20.35	ug/l	99
90) Hexachloroethane	12.60	117	43689	19.53	ug/l	99
91) 1,2-Dichlorobenzene	12.40	146	170567	19.80	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.01	75	20917	19.79	ug/l	95

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ClientSampleId :
VX0506WBS01

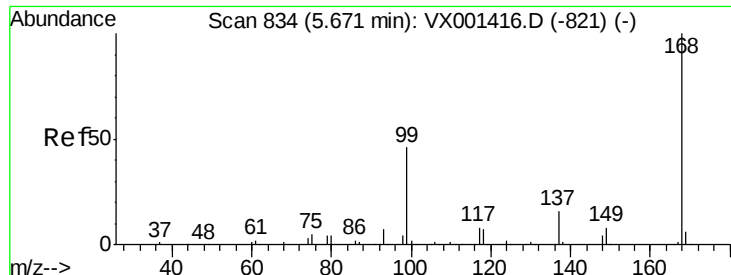
Manual Integrations
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Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	128145	20.33	ug/l	100
94) Hexachlorobutadiene	13.79	225	69257	20.08	ug/l	100
95) Naphthalene	13.84	128	350762	20.12	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	132064	20.42	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: VX001439.D

Acq: 06 May 2018 13:04

Instrument :

MSVOA_X

ClientSampled :

VX0506WBS01

Tot Ion:168 Resp: 270657

Ion Ratio Lower Upper

168 100

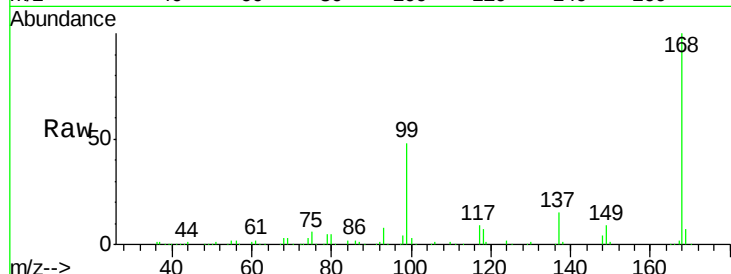
99 47.6 36.6 54.8

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

100000

80000

60000

40000

20000

0

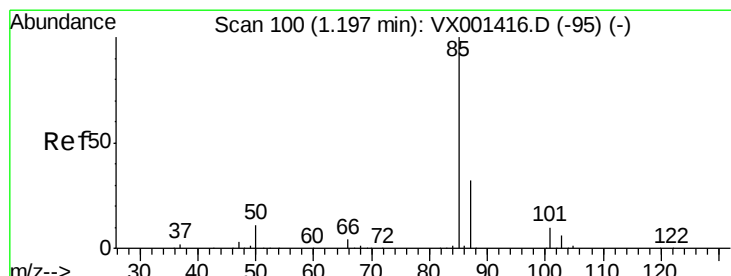
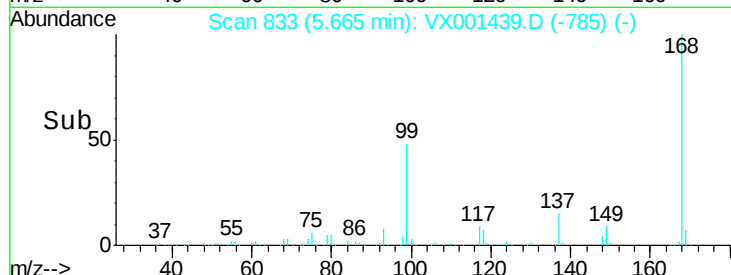
5.50

5.60

5.70

5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 20.21 ug/l

RT: 1.20 min Scan# 100

Delta R.T. 0.00 min

Lab File: VX001439.D

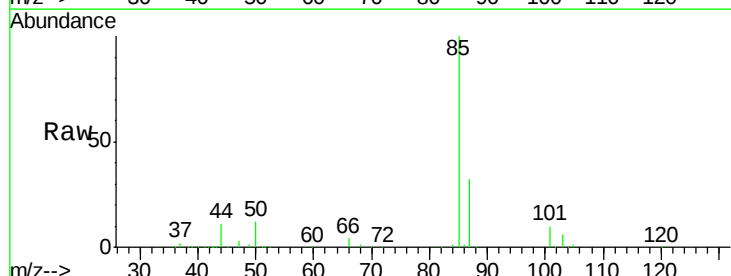
Acq: 06 May 2018 13:04

Tgt Ion: 85 Resp: 73648

Ion Ratio Lower Upper

85 100

87 32.2 16.2 48.6



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

80000

60000

40000

20000

0

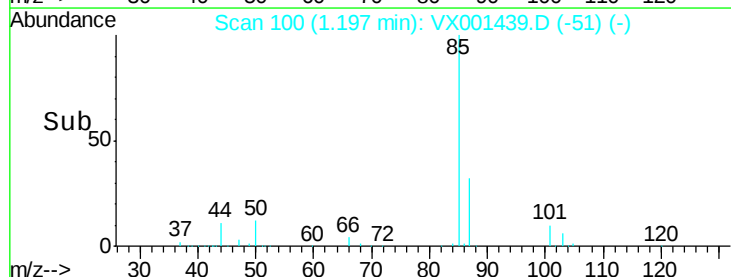
1.15

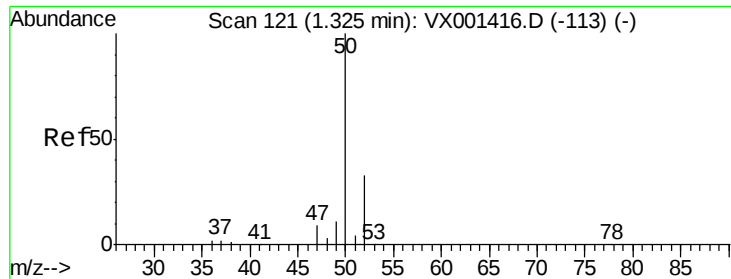
1.20

1.25

1.30

Time-->





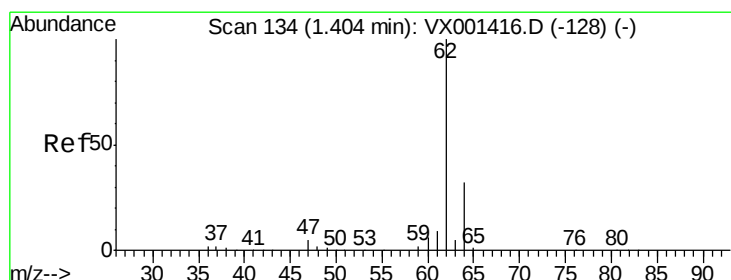
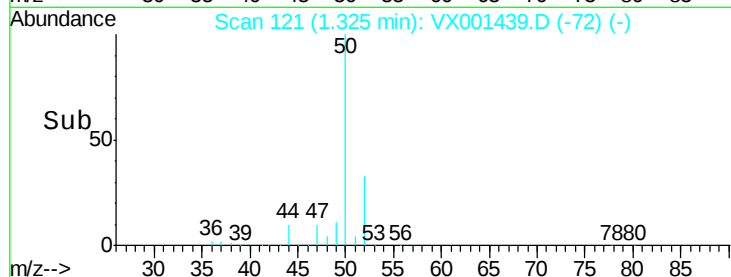
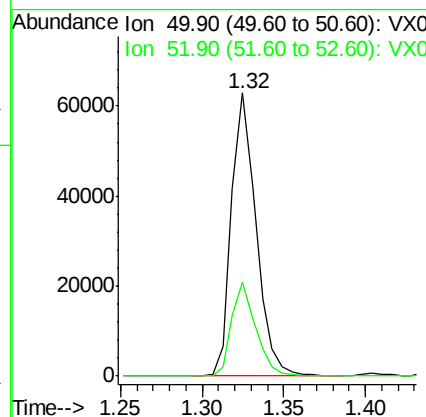
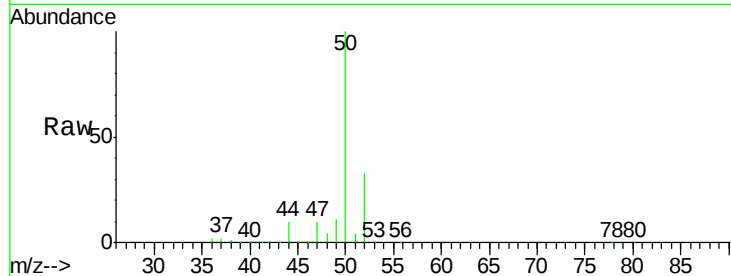
#3
Chloromethane
Concen: 18.76 ug/l
RT: 1.32 min Scan# 121
Delta R.T. 0.00 min
Lab File: VX001439.D
Acq: 06 May 2018 13:04

Instrument :
MSVOA_X
ClientSampleId :
VX0506WBS01

Tot Ion: 50 Resp: 66568
Ion Ratio Lower Upper
50 100
52 33.2 26.2 39.4

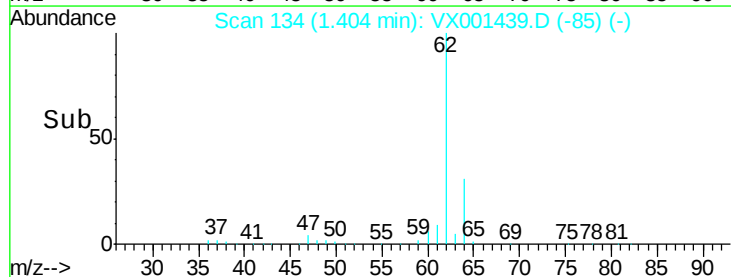
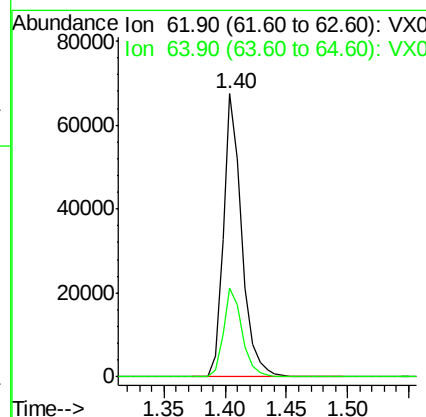
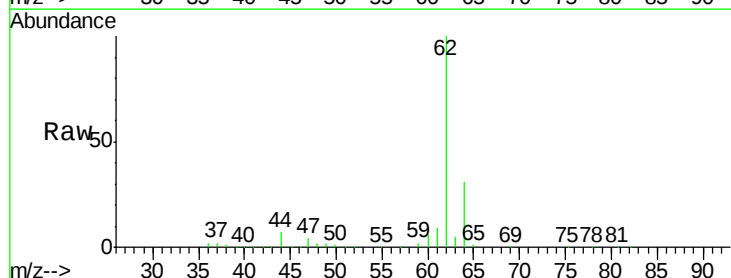
Manual Integrations
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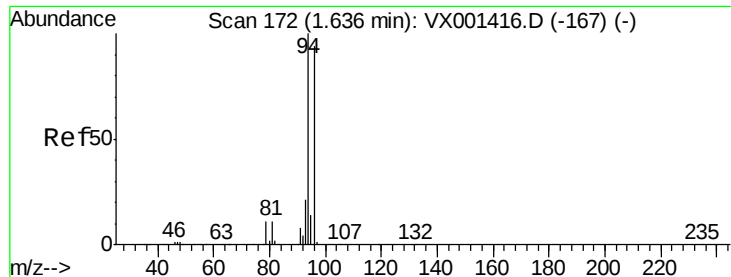
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#4
Vinyl Chloride
Concen: 19.13 ug/l
RT: 1.40 min Scan# 134
Delta R.T. 0.00 min
Lab File: VX001439.D
Acq: 06 May 2018 13:04

Tgt Ion: 62 Resp: 70842
Ion Ratio Lower Upper
62 100
64 31.3 25.8 38.6





#5

Bromomethane

Concen: 23.99 ug/l

RT: 1.64 min Scan# 172

Delta R.T. 0.00 min

Lab File: VX001439.D

Acq: 06 May 2018 13:04

Instrument :

MSVOA_X

ClientSampleId :

VX0506WBS01

Tot Ion: 94 Resp: 43707

Ion Ratio Lower Upper

94 100

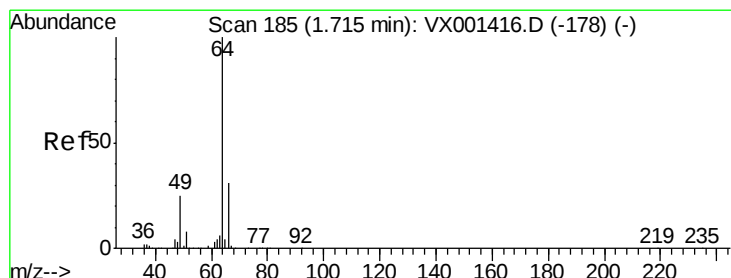
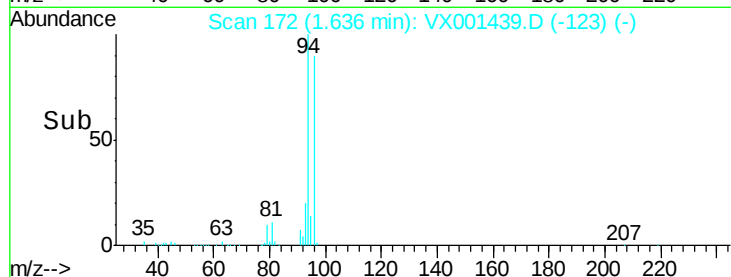
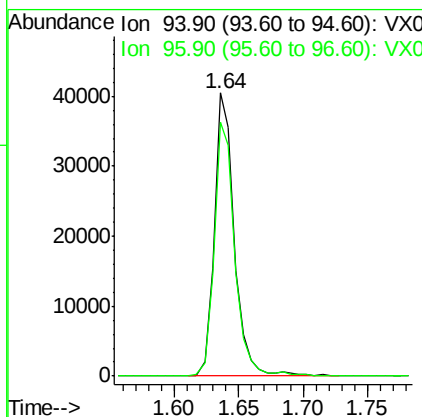
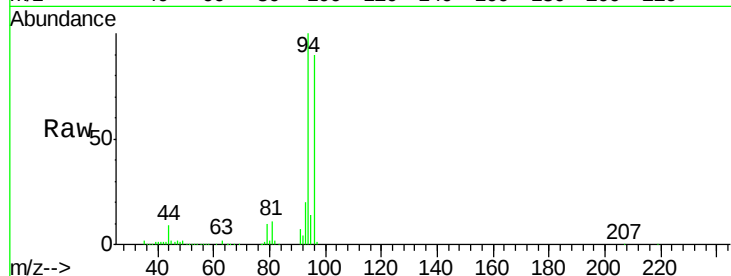
96 89.9 75.0 112.6

Manual Integrations

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#6

Chloroethane

Concen: 18.45 ug/l

RT: 1.72 min Scan# 186

Delta R.T. 0.01 min

Lab File: VX001439.D

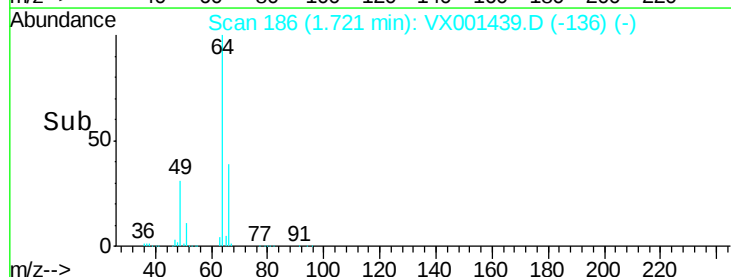
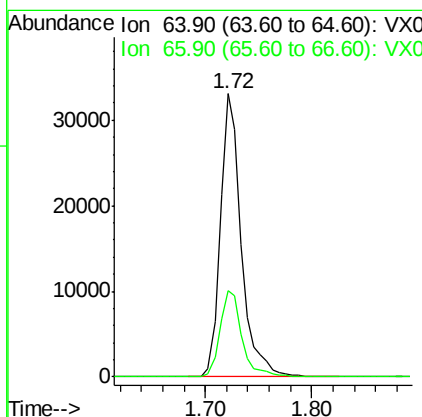
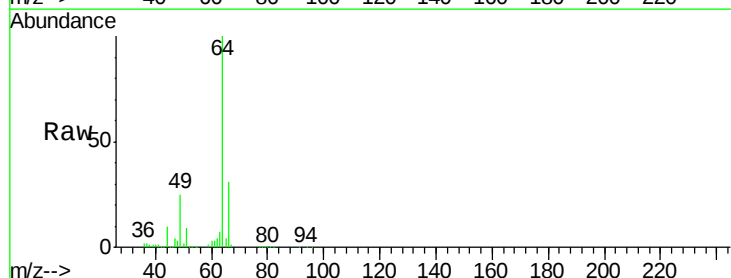
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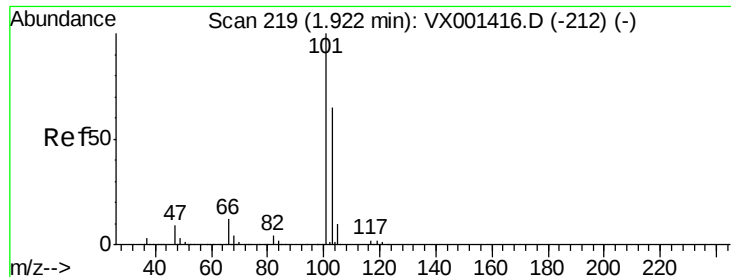
Tgt Ion: 64 Resp: 45153

Ion Ratio Lower Upper

64 100

66 30.5 25.1 37.7





#7

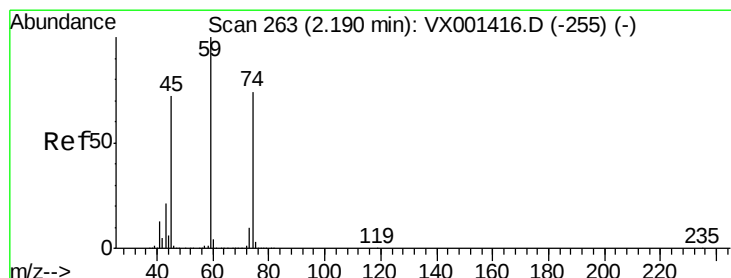
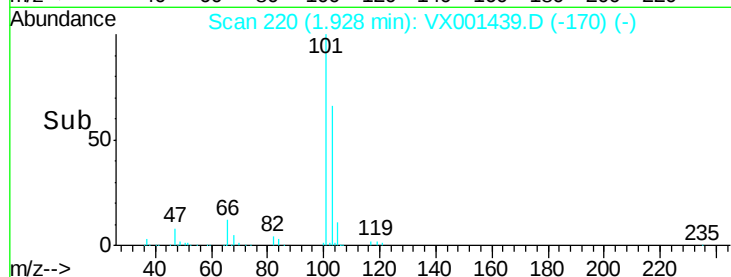
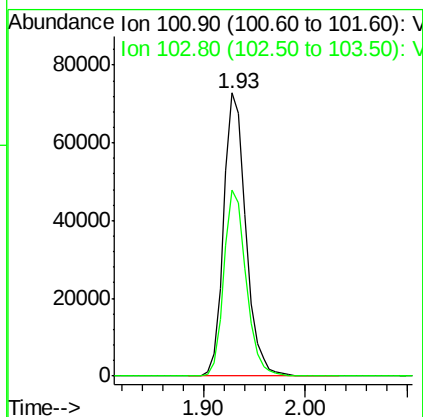
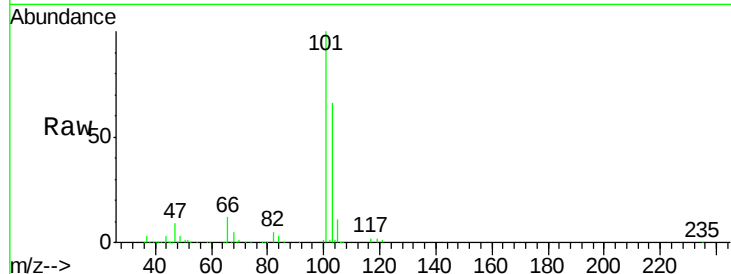
Trichlorofluoromethane
Concen: 19.74 ug/l
RT: 1.93 min Scan# 220
Delta R.T. 0.01 min
Lab File: VX001439.D
Acq: 06 May 2018 13:04

Instrument :
MSVOA_X
ClientSampleId :
VX0506WBS01

Tot Ion	Ratio	Resp	Lower	Upper
101	100	110005		
103	65.9	52.0	78.0	

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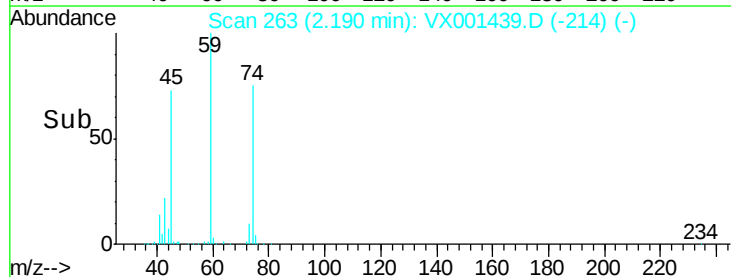
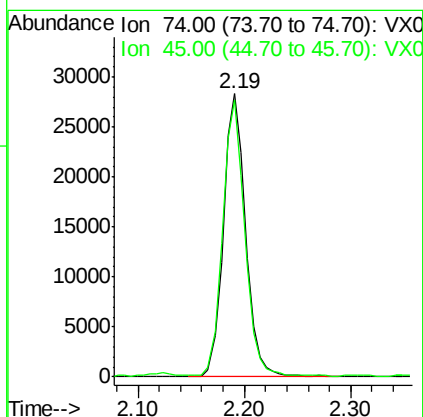
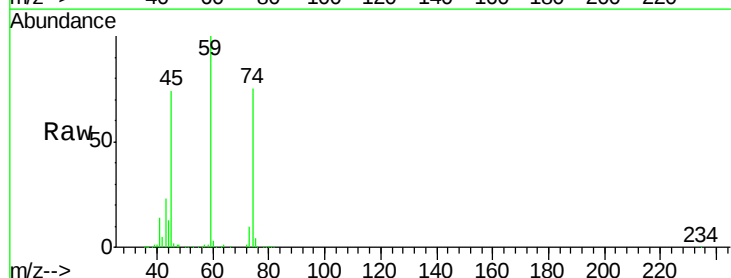
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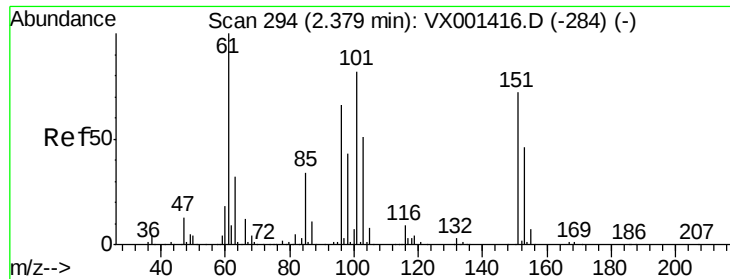


#8

Diethyl Ether
Concen: 18.87 ug/l
RT: 2.19 min Scan# 263
Delta R.T. 0.00 min
Lab File: VX001439.D
Acq: 06 May 2018 13:04

Tgt Ion	Ratio	Resp	Lower	Upper
74	100	41226		
45	97.0	47.9	143.6	





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.72 ug/l

RT: 2.39 min Scan# 295

Delta R.T. 0.01 min

Lab File: VX001439.D

Acq: 06 May 2018 13:04

Instrument :

MSVOA_X

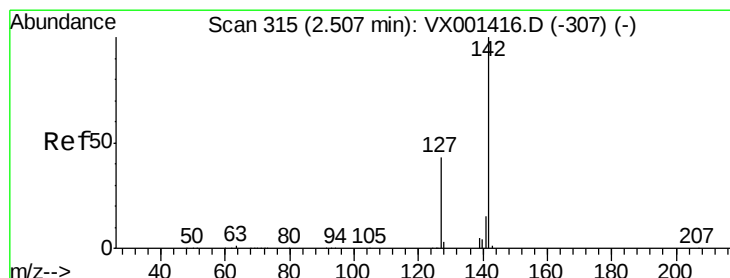
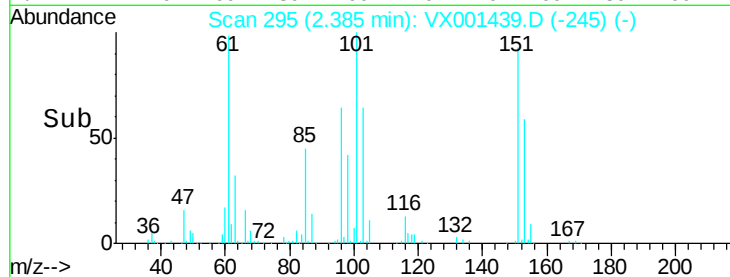
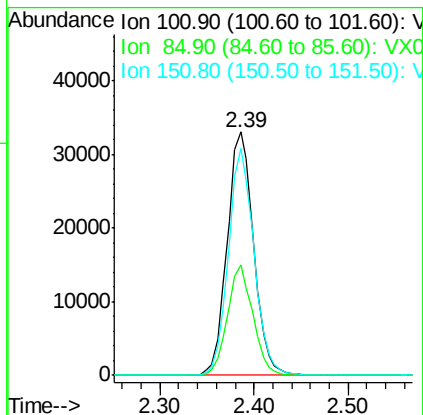
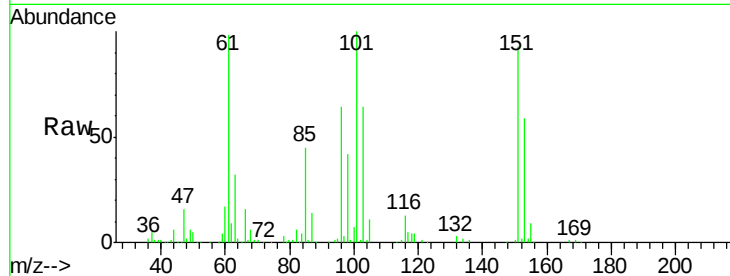
ClientSampled :

VX0506WBS01

Tot Ion	Ratio	Lower	Upper
101	100		
85	43.4	33.7	50.5
151	90.5	72.3	108.5

Manual Integrations
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#10

Methyl Iodide

Concen: 17.59 ug/l

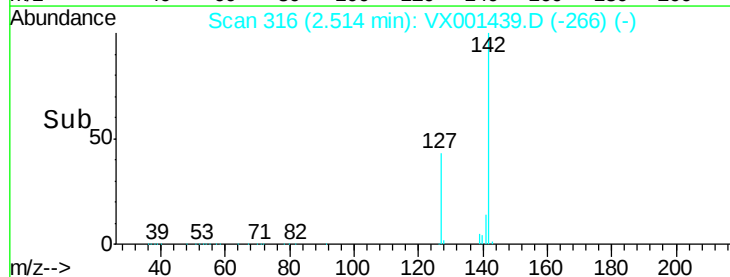
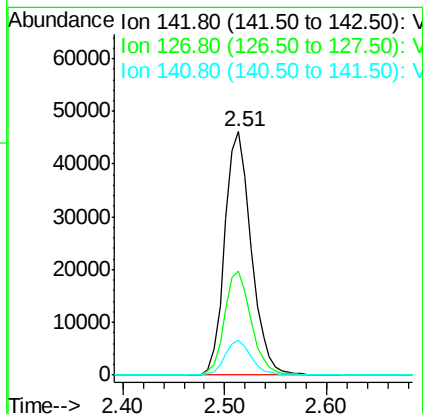
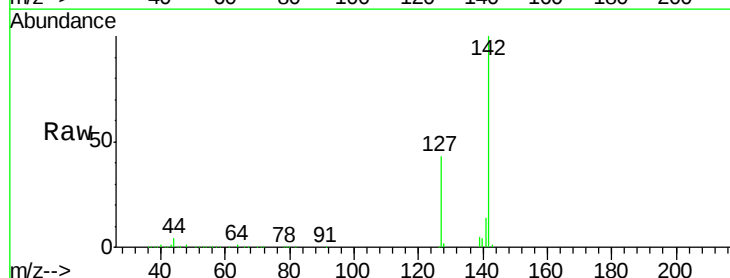
RT: 2.51 min Scan# 316

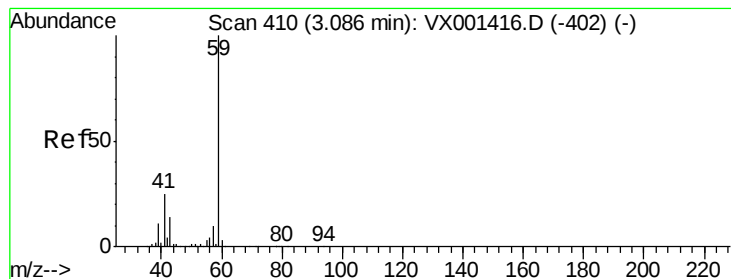
Delta R.T. 0.01 min

Lab File: VX001439.D

Acq: 06 May 2018 13:04

Tgt Ion	Ratio	Lower	Upper
142	100		
127	42.9	33.6	50.4
141	14.2	11.4	17.2





#11

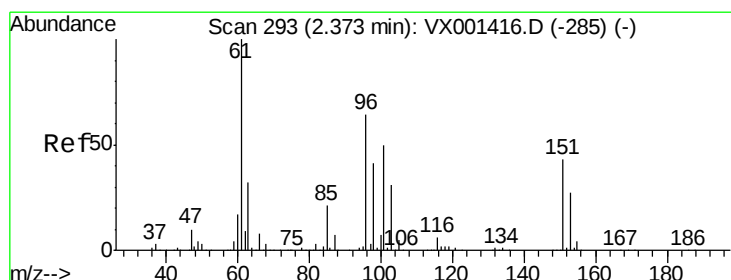
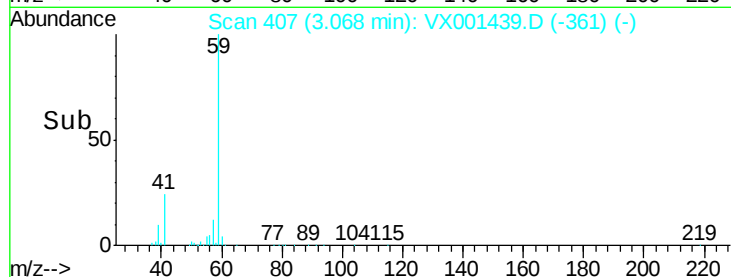
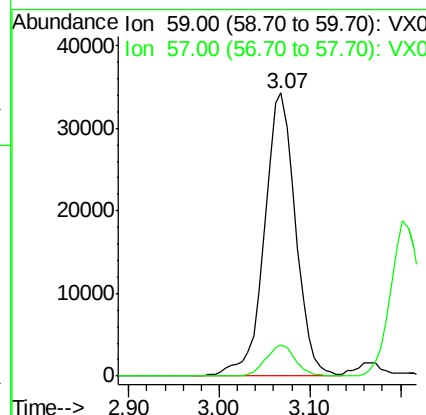
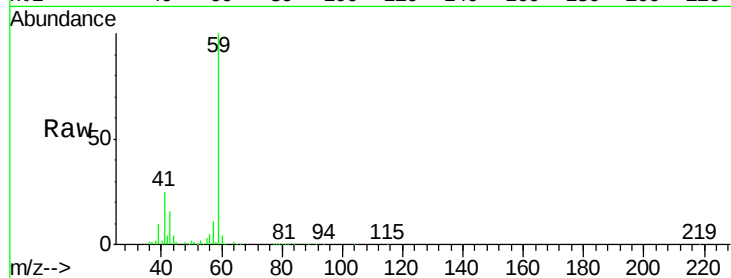
Tert butyl alcohol
Concen: 99.54 ug/l
RT: 3.07 min Scan# 407
Delta R.T. -0.02 min
Lab File: VX001439.D
Acq: 06 May 2018 13:04

Instrument :
MSVOA_X
ClientSampleId :
VX0506WBS01

Tot Ion	59	57	Ratio	100	10.6	Resp	81644	Lower	8.2	Upper	12.4
Ion	59	57	Ratio	100	10.6	Resp	81644	Lower	8.2	Upper	12.4

Manual Integrations
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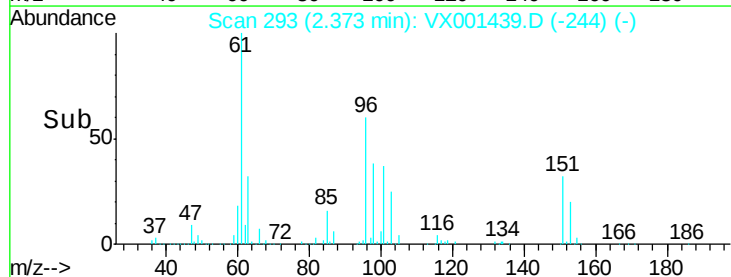
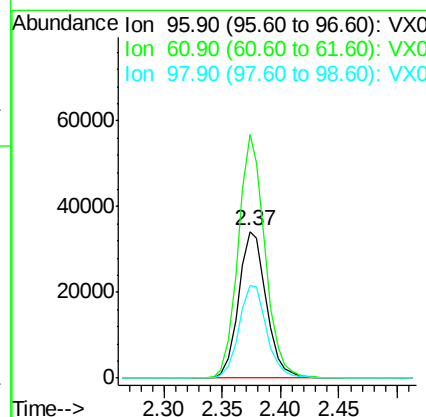
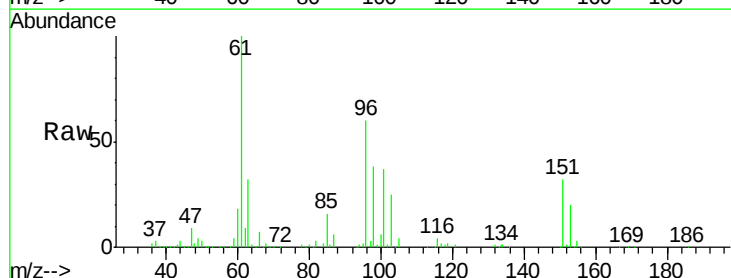
MMDadoda
5/18/2018 2:17:28 PM



#12

1,1-Dichloroethene
Concen: 18.89 ug/l
RT: 2.37 min Scan# 293
Delta R.T. 0.00 min
Lab File: VX001439.D
Acq: 06 May 2018 13:04

Tgt Ion	96	61	98	Ratio	100	166.3	63.6	Resp	56582	Lower	125.7	52.0	Upper	188.5	78.0
Ion	96	61	98	Ratio	100	166.3	63.6	Resp	56582	Lower	125.7	52.0	Upper	188.5	78.0





#13

Acrolein

Concen: 77.92 ug/l

RT: 2.29 min Scan# 280

Delta R.T. -0.01 min

Lab File: VX001439.D

Acq: 06 May 2018 13:04

Instrument :

MSVOA_X

ClientSampleId :

VX0506WBS01

Tot Ion: 56 Resp: 13898

Ion Ratio Lower Upper

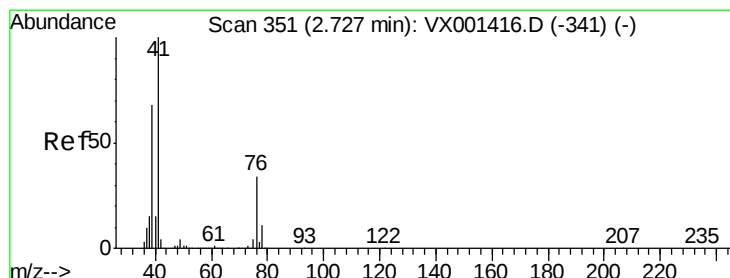
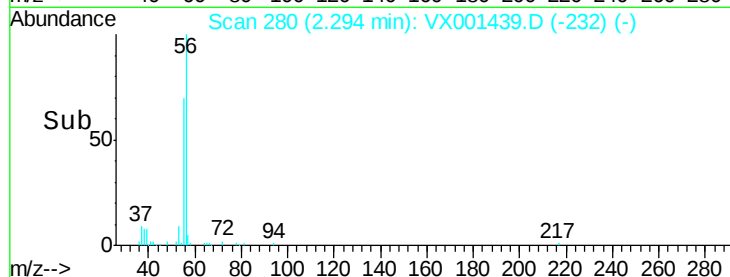
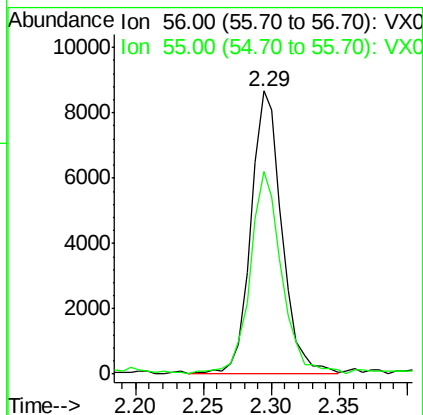
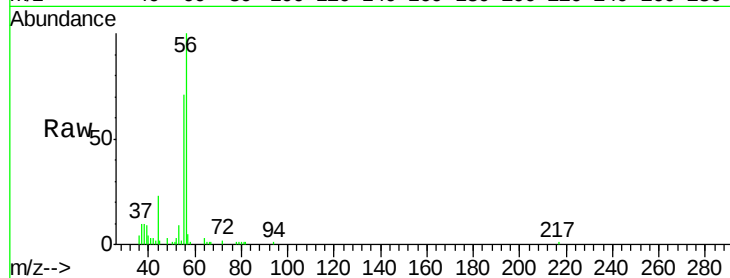
56 100

55 73.2 54.5 81.7

Manual Integrations
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#14

Allyl chloride

Concen: 18.81 ug/l

RT: 2.73 min Scan# 351

Delta R.T. 0.00 min

Lab File: VX001439.D

Acq: 06 May 2018 13:04

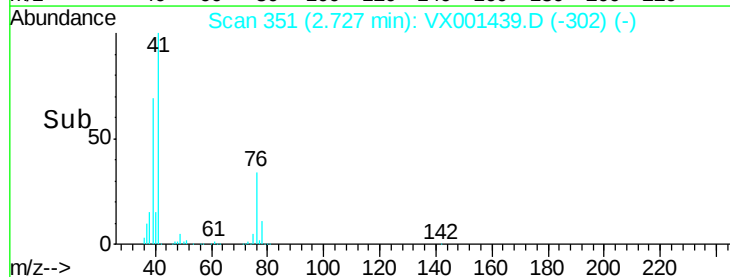
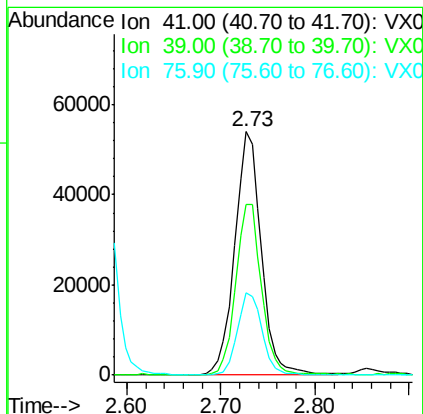
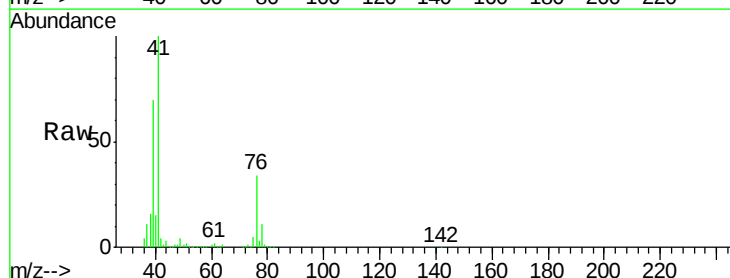
Tgt Ion: 41 Resp: 105049

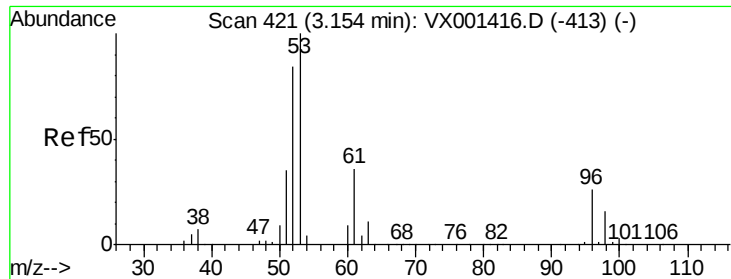
Ion Ratio Lower Upper

41 100

39 67.5 52.4 78.6

76 31.6 25.8 38.6





#15

Acrylonitrile

Concen: 91.61 ug/l

RT: 3.15 min Scan# 420

Delta R.T. -0.01 min

Lab File: VX001439.D

Acq: 06 May 2018 13:04

Instrument :

MSVOA_X

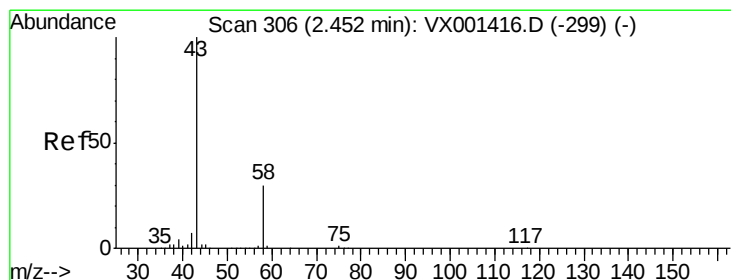
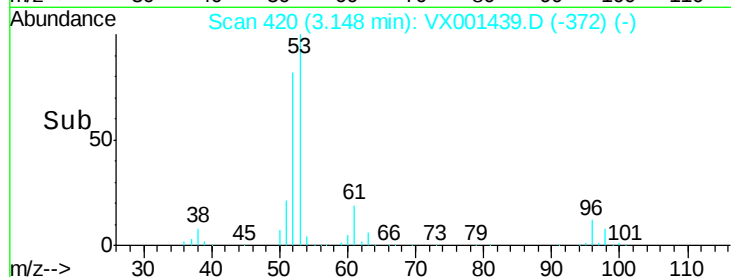
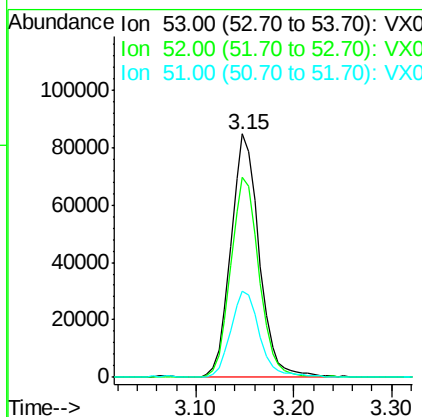
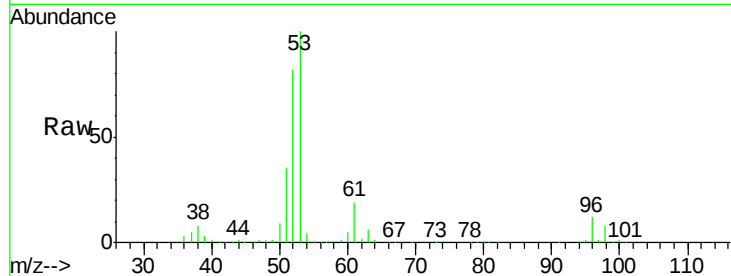
ClientSampleId :

VX0506WBS01

Tot Ion:	53	Resp:	169799
Ion Ratio	Lower	Upper	
53	100		
52	82.8	66.2	99.2
51	36.4	28.6	43.0

Manual Integrations
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#16

Acetone

Concen: 93.99 ug/l

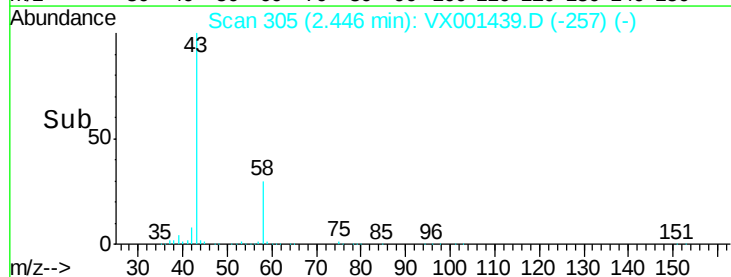
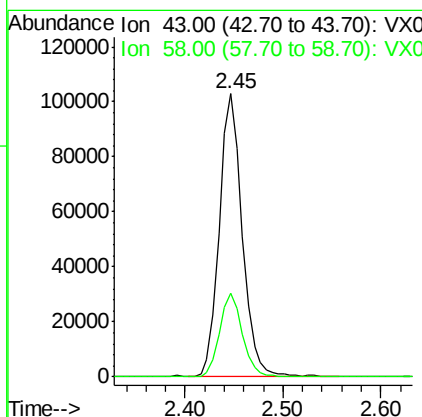
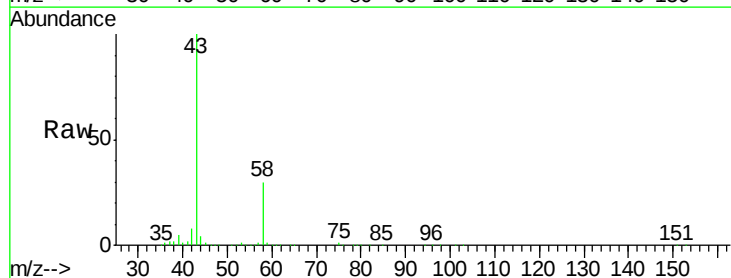
RT: 2.45 min Scan# 305

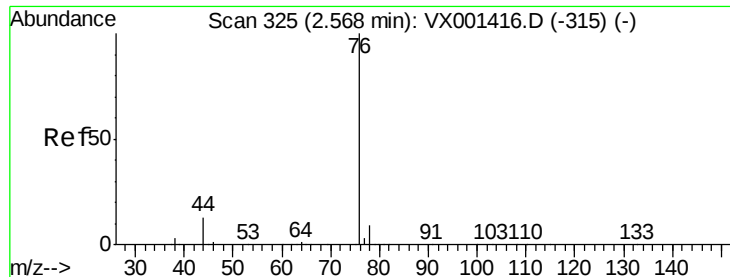
Delta R.T. -0.01 min

Lab File: VX001439.D

Acq: 06 May 2018 13:04

Tgt Ion:	43	Resp:	166030
Ion Ratio	Lower	Upper	
43	100		
58	29.6	23.8	35.8





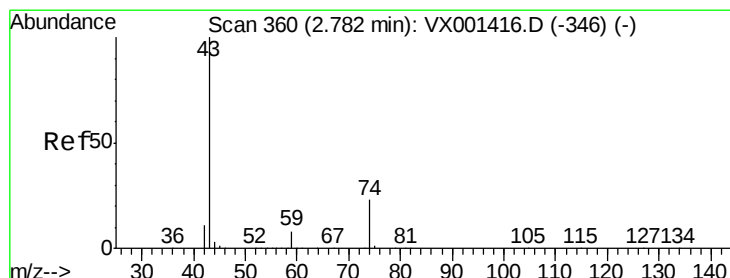
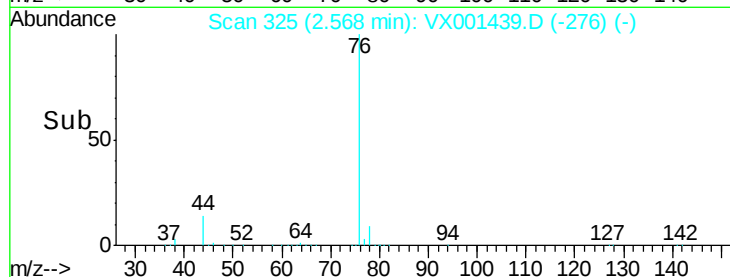
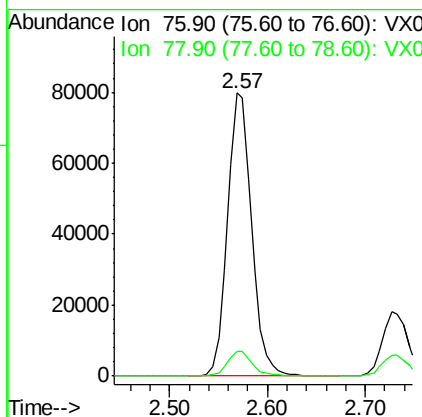
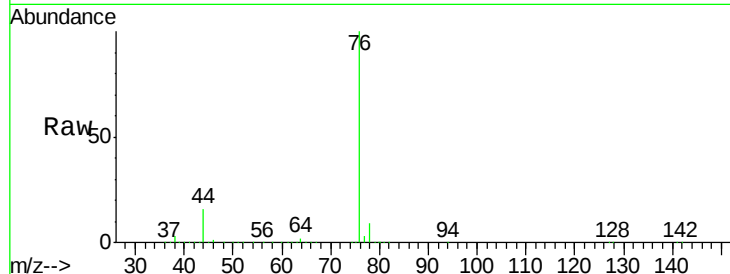
#17
Carbon Disulfide
Concen: 17.92 ug/l
RT: 2.57 min Scan# 325
Delta R.T. 0.00 min
Lab File: VX001439.D
Acq: 06 May 2018 13:04

Instrument :
MSVOA_X
ClientSampleId :
VX0506WBS01

Tot Ion	Ratio	Lower	Upper
76	100		
78	8.7	7.4	11.2

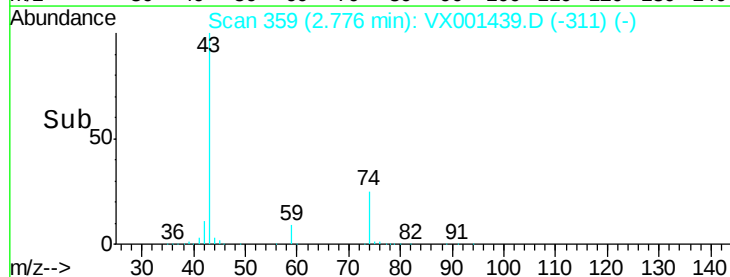
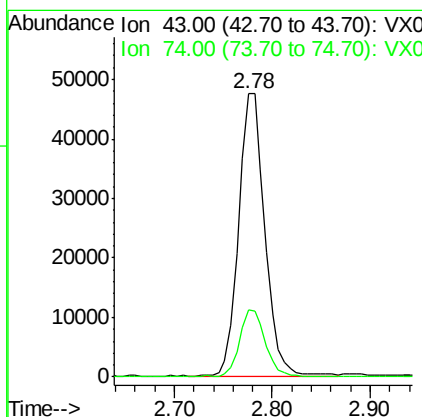
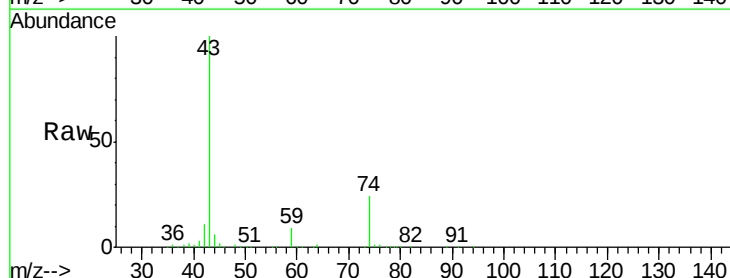
Manual Integrations
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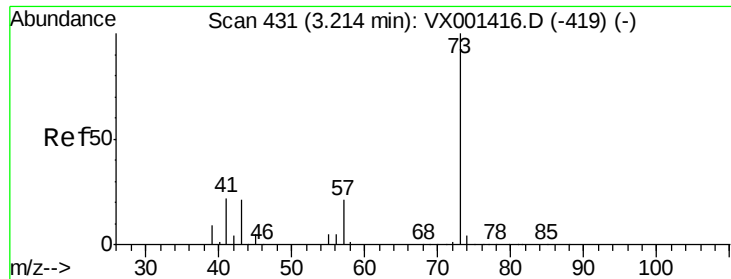
MMDadoda
5/18/2018 2:17:28 PM



#18
Methyl Acetate
Concen: 19.03 ug/l
RT: 2.78 min Scan# 359
Delta R.T. -0.01 min
Lab File: VX001439.D
Acq: 06 May 2018 13:04

Tgt Ion	Ratio	Lower	Upper
43	100		
74	23.8	18.6	27.8





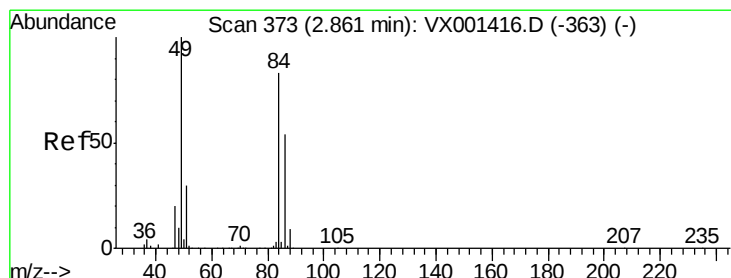
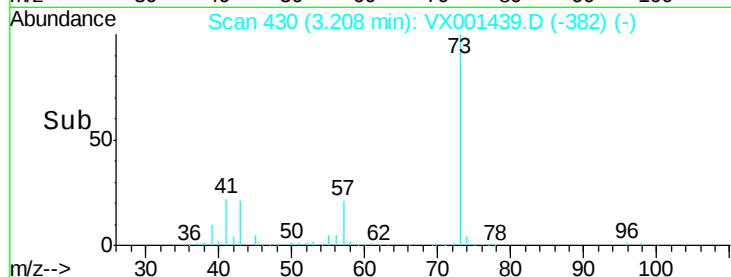
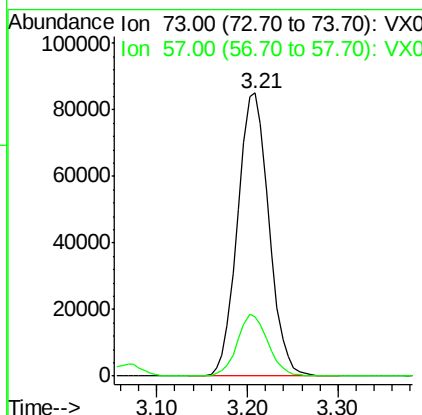
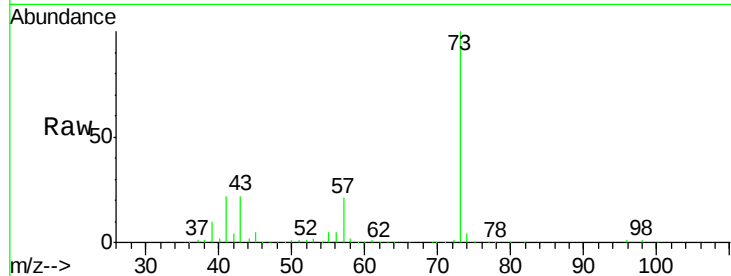
#19
Methvl tert-butvl Ether
Concen: 19.52 ug/l
RT: 3.21 min Scan# 430
Delta R.T. -0.01 min
Lab File: VX001439.D
Acq: 06 May 2018 13:04

Instrument :
MSVOA_X
ClientSampleId :
VX0506WBS01

Tot Ion	Ratio	Lower	Upper
73	100		
57	21.1	17.0	25.6

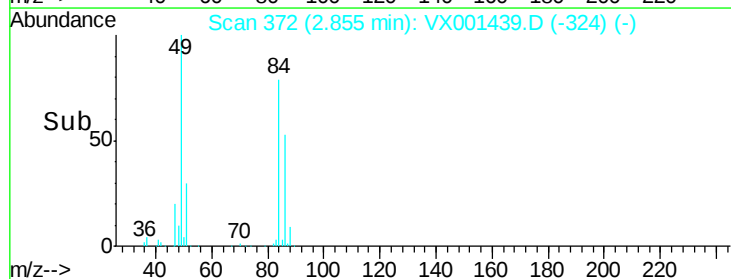
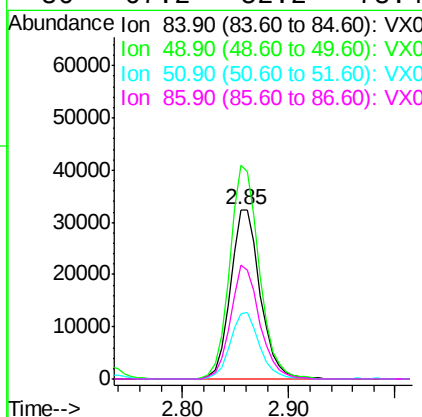
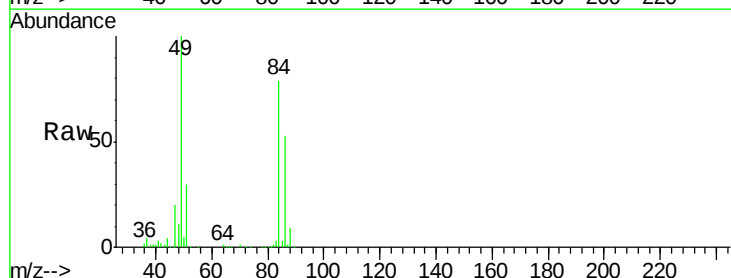
Manual Integrations
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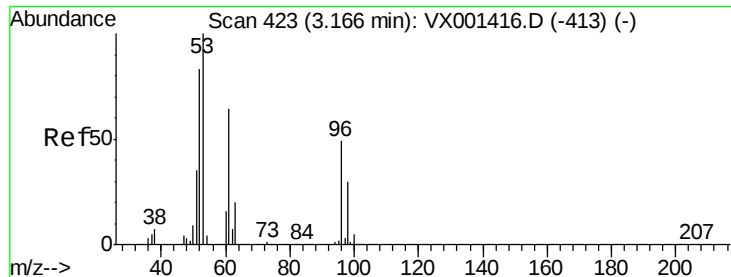
MMDadoda
5/18/2018 2:17:28 PM



#20
Methylene Chloride
Concen: 18.16 ug/l
RT: 2.85 min Scan# 372
Delta R.T. -0.01 min
Lab File: VX001439.D
Acq: 06 May 2018 13:04

Tgt Ion	Ratio	Lower	Upper
84	100		
49	126.0	96.6	144.8
51	38.1	29.0	43.4
86	67.2	52.2	78.4





#21

trans-1,2-Dichloroethene

Concen: 18.09 ug/l

RT: 3.17 min Scan# 423

Delta R.T. 0.00 min

Lab File: VX001439.D

Acq: 06 May 2018 13:04

Instrument :

MSVOA_X

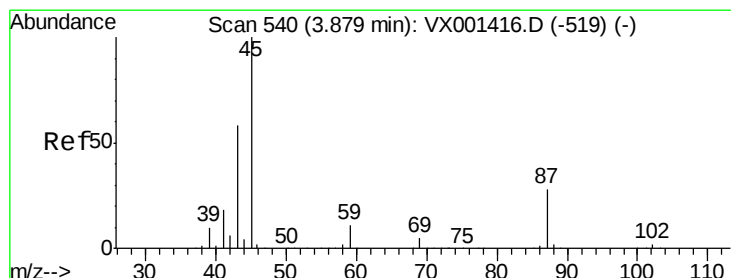
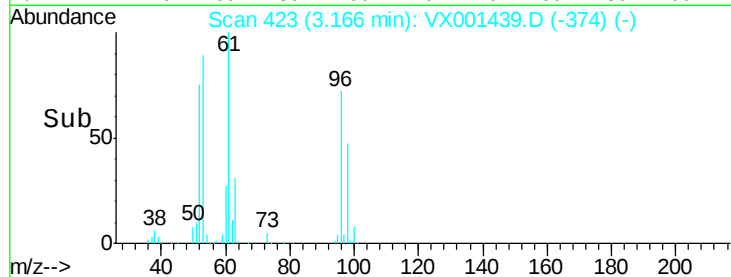
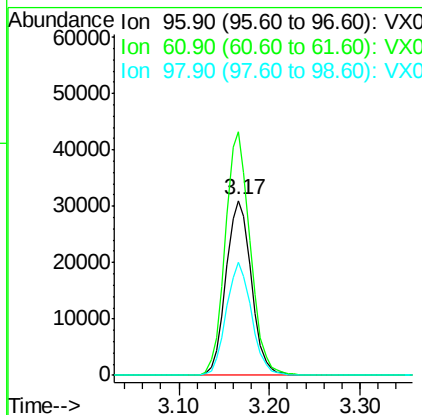
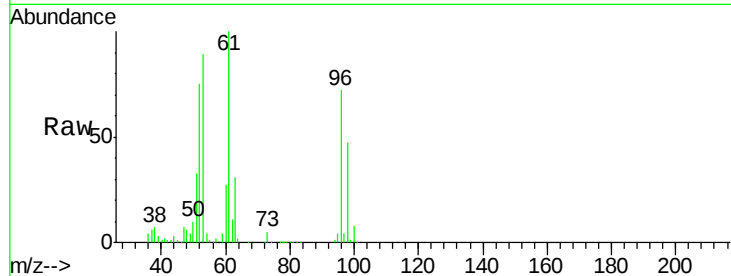
ClientSampleId :

VX0506WBS01

Tot Ion:	96	Resp:	60463
Ion	Ratio	Lower	Upper
96	100		
61	139.0	105.0	157.4
98	64.8	49.9	74.9

Manual Integrations
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5/18/2018 2:17:28 PM



#22

Diisopropyl ether

Concen: 19.62 ug/l

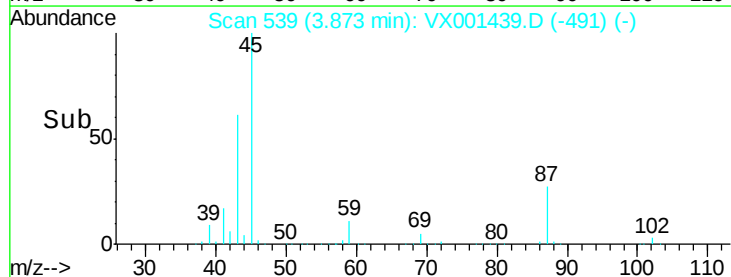
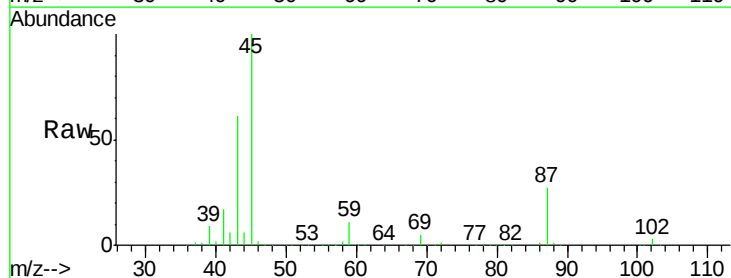
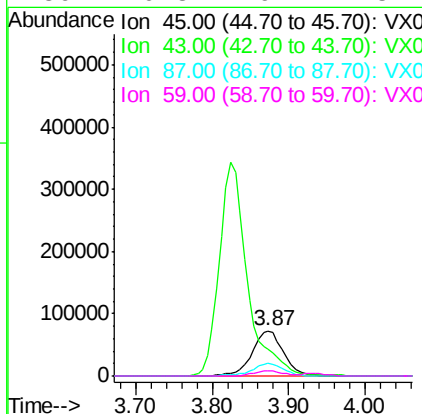
RT: 3.87 min Scan# 539

Delta R.T. -0.01 min

Lab File: VX001439.D

Acq: 06 May 2018 13:04

Tgt Ion:	45	Resp:	204690
Ion	Ratio	Lower	Upper
45	100		
43	60.3	46.5	69.7
87	27.1	22.6	34.0
59	10.8	9.1	13.7





#23

Vinyl Acetate

Concen: 101.35 ug/l

RT: 3.82 min Scan# 531

Delta R.T. -0.01 min

Lab File: VX001439.D

Acq: 06 May 2018 13:04

Instrument :

MSVOA_X

ClientSampled :

VX0506WBS01

Tot Ion: 43 Resp: 881285

Ion Ratio Lower Upper

43 100

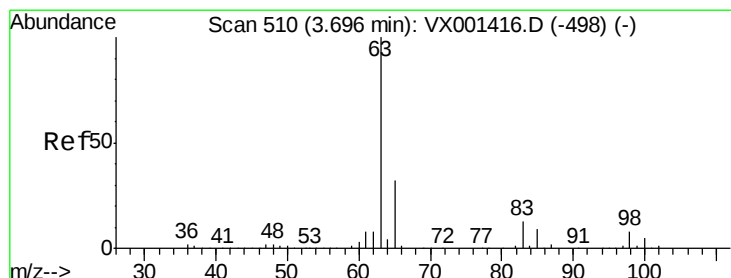
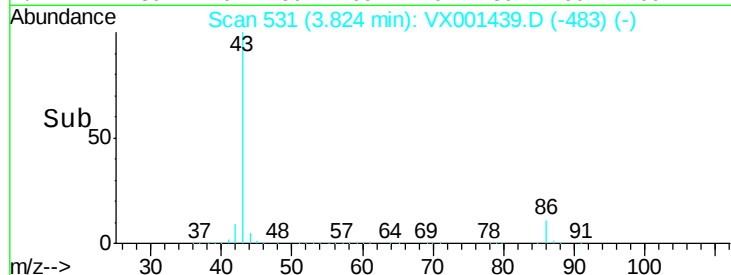
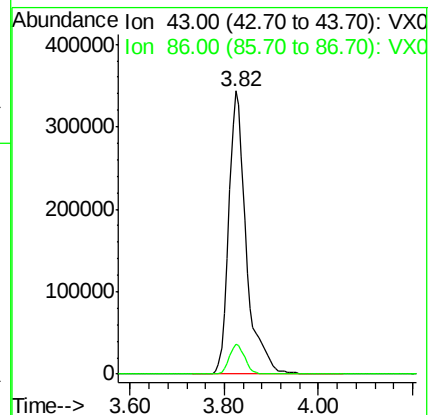
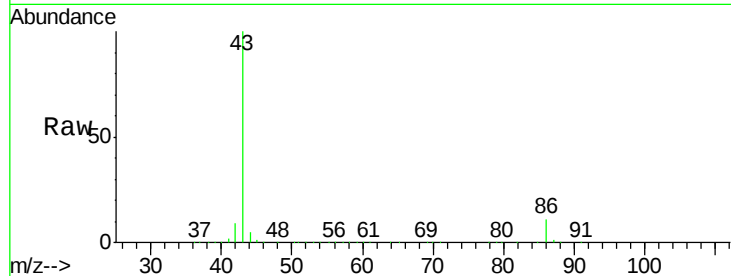
86 10.7 8.6 13.0

Manual Integrations

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5/18/2018 2:17:28 PM



#24

1,1-Dichloroethane

Concen: 19.07 ug/l

RT: 3.70 min Scan# 510

Delta R.T. 0.00 min

Lab File: VX001439.D

Acq: 06 May 2018 13:04

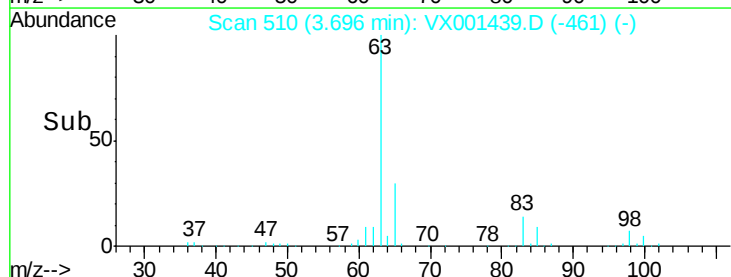
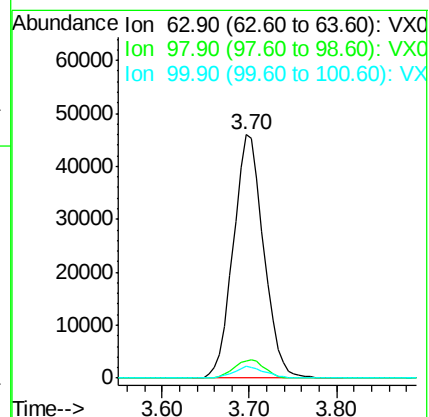
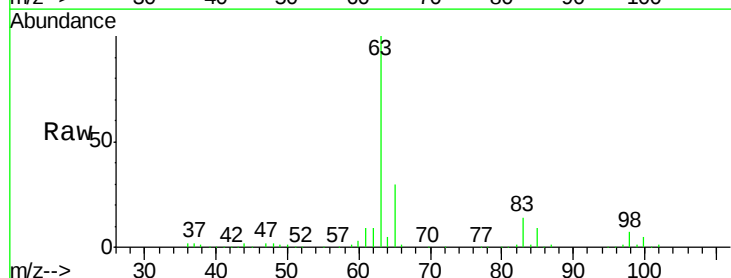
Tgt Ion: 63 Resp: 111155

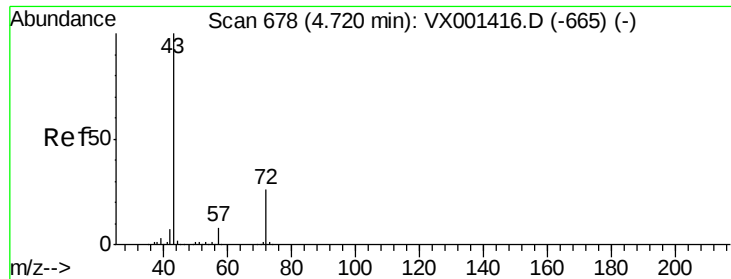
Ion Ratio Lower Upper

63 100

98 7.0 3.8 11.4

100 4.9 2.4 7.1





#25

2-Butanone

Concen: 95.18 ug/l

RT: 4.71 min Scan# 676

Delta R.T. -0.01 min

Lab File: VX001439.D

Acq: 06 May 2018 13:04

Instrument :

MSVOA_X

ClientSampleId :

VX0506WBS01

Tot Ion: 43 Resp: 243041

Ion Ratio Lower Upper

43 100

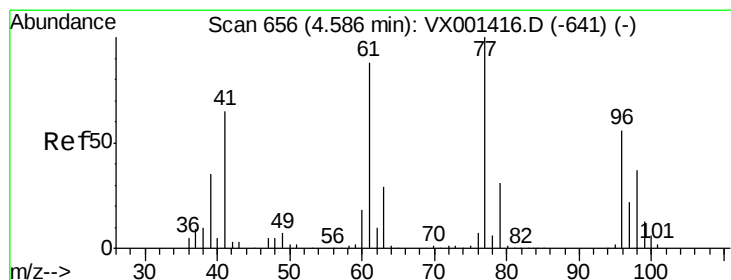
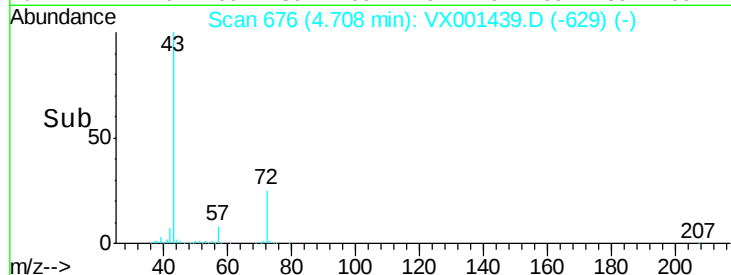
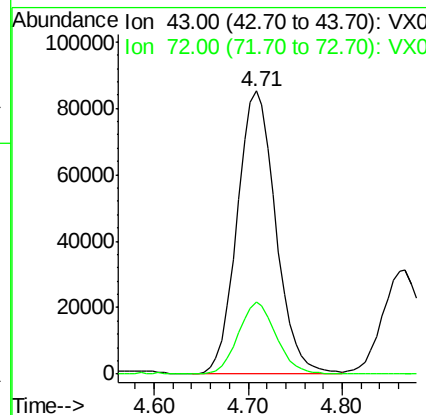
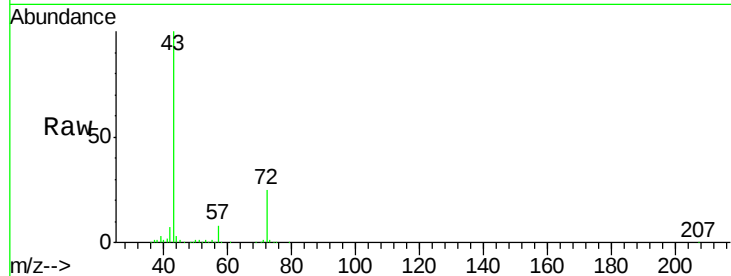
72 25.5 20.7 31.1

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 19.77 ug/l

RT: 4.59 min Scan# 656

Delta R.T. 0.00 min

Lab File: VX001439.D

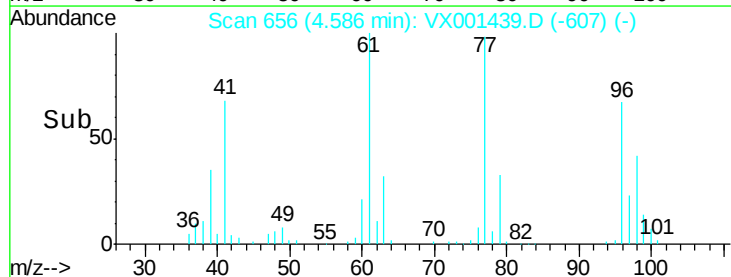
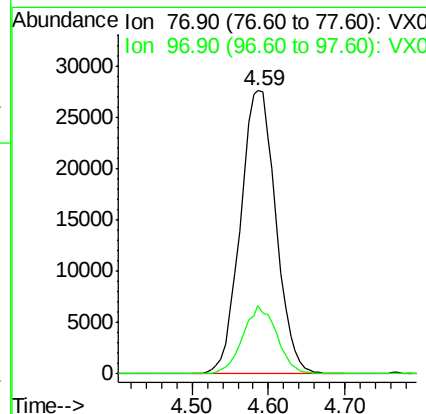
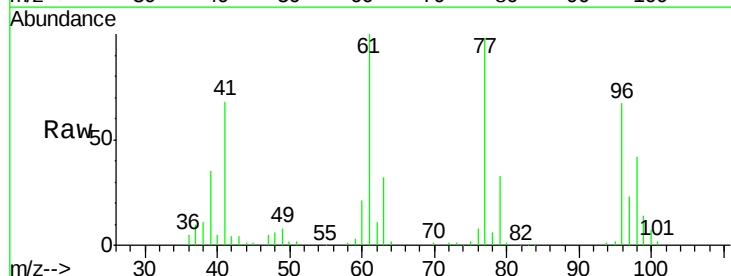
Acq: 06 May 2018 13:04

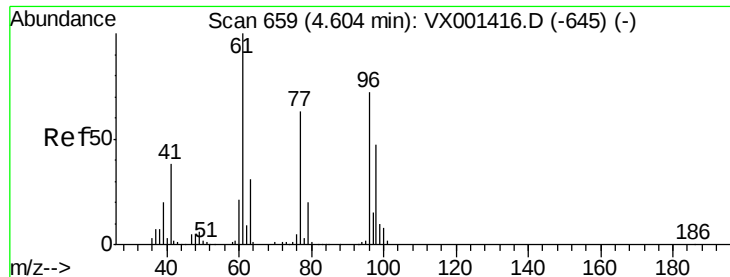
Tgt Ion: 77 Resp: 88989

Ion Ratio Lower Upper

77 100

97 23.0 11.2 33.6





#27

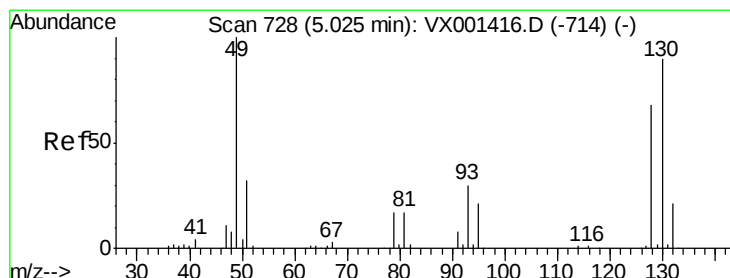
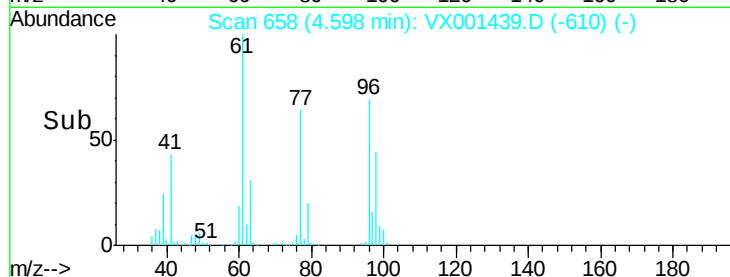
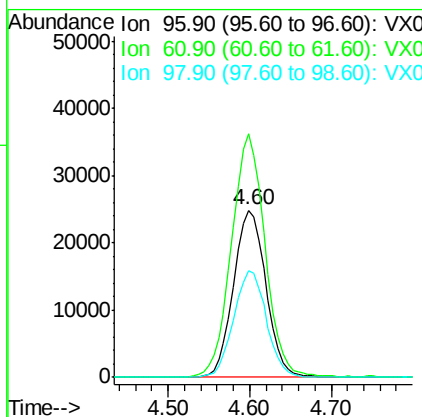
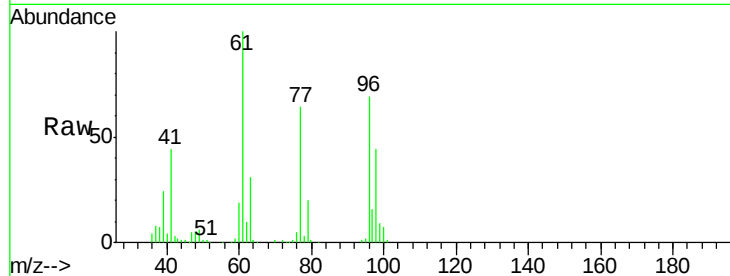
cis-1,2-Dichloroethene
 Concen: 19.24 ug/l
 RT: 4.60 min Scan# 658
 Delta R.T. -0.01 min
 Lab File: VX001439.D
 Acq: 06 May 2018 13:04

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0506WBS01

Tot Ion	Ratio	Lower	Upper
96	100		
61	150.7	0.0	301.6
98	64.3	0.0	131.6

Manual Integrations
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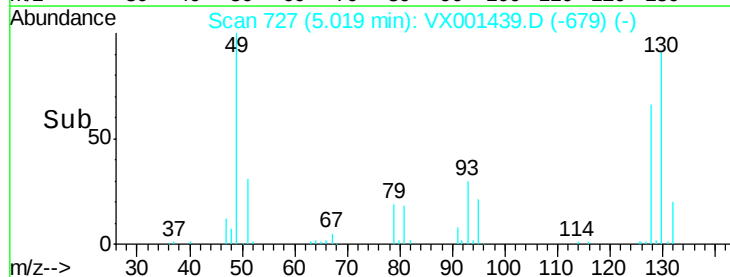
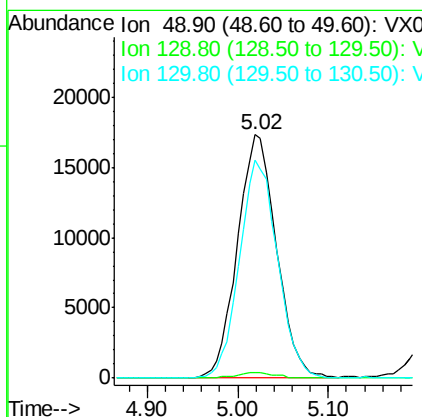
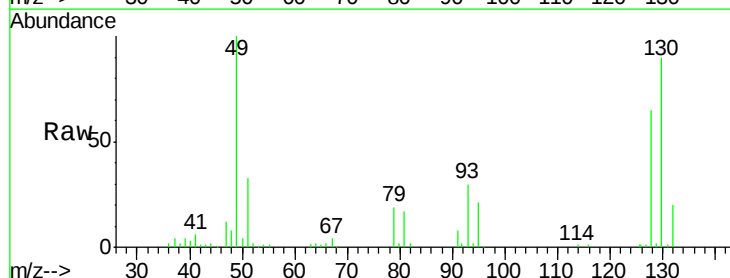
MMDadoda
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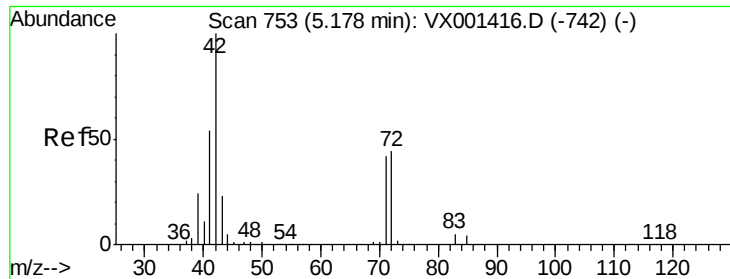


#28

Bromochloromethane
 Concen: 20.46 ug/l
 RT: 5.02 min Scan# 727
 Delta R.T. -0.01 min
 Lab File: VX001439.D
 Acq: 06 May 2018 13:04

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.3	0.0	4.8
130	87.4	71.9	107.9





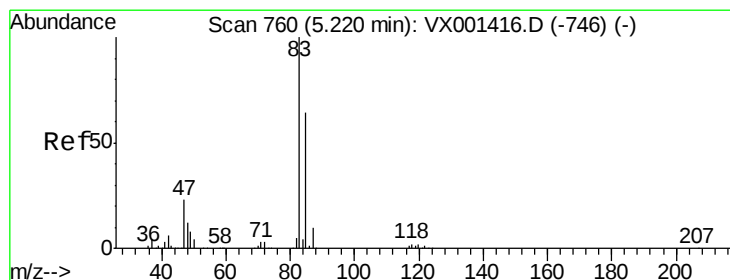
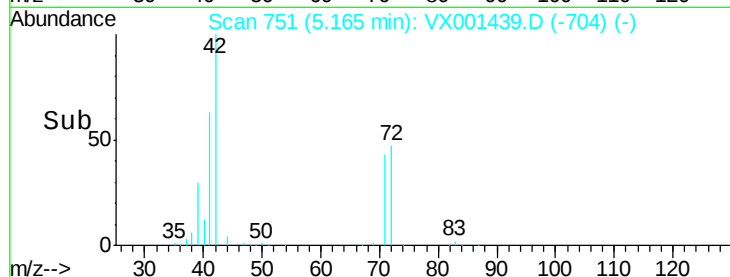
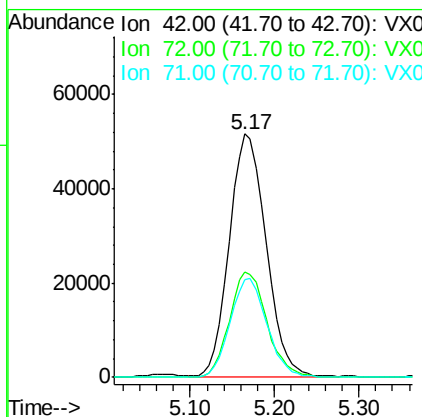
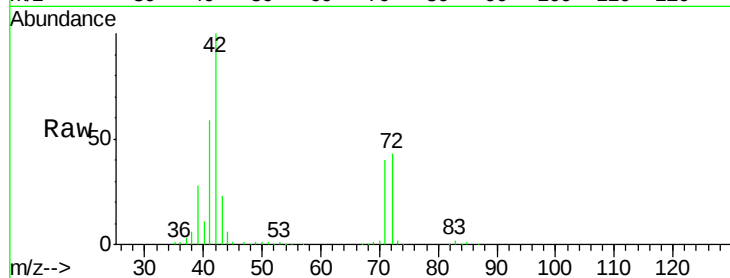
#29
Tetrahydrofuran
Concen: 93.53 ug/l
RT: 5.17 min Scan# 751
Delta R.T. -0.01 min
Lab File: VX001439.D
Acq: 06 May 2018 13:04

Instrument :
MSVOA_X
ClientSampleId :
VX0506WBS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	44.2	35.4	53.2
71	40.8	33.0	49.4

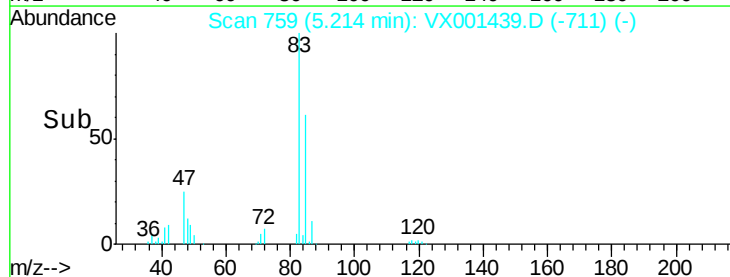
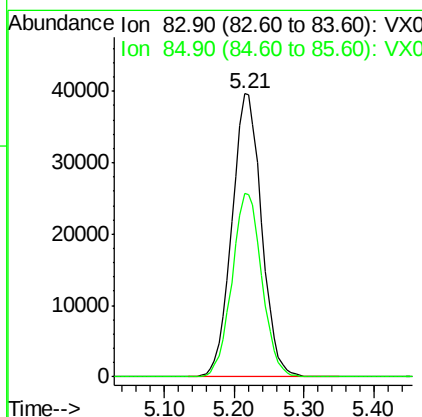
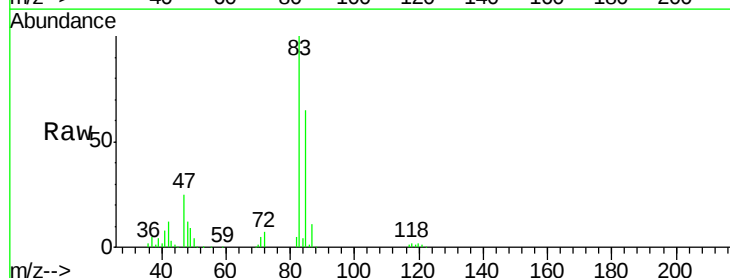
Manual Integrations
APPROVED

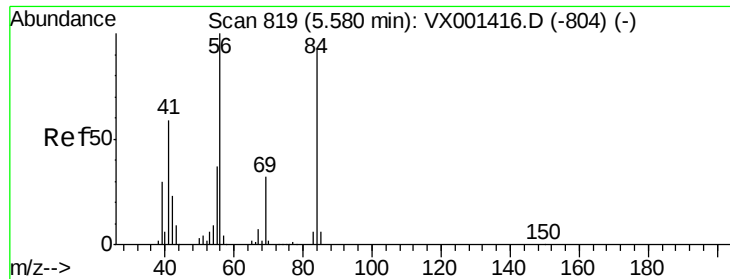
MMDadoda
5/18/2018 2:17:28 PM



#30
Chloroform
Concen: 19.39 ug/l
RT: 5.21 min Scan# 759
Delta R.T. -0.01 min
Lab File: VX001439.D
Acq: 06 May 2018 13:04

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.8	51.0	76.4





#31

Cyclohexane

Concen: 19.69 ug/l

RT: 5.57 min Scan# 818

Delta R.T. -0.01 min

Lab File: VX001439.D

Acq: 06 May 2018 13:04

Instrument :

MSVOA_X

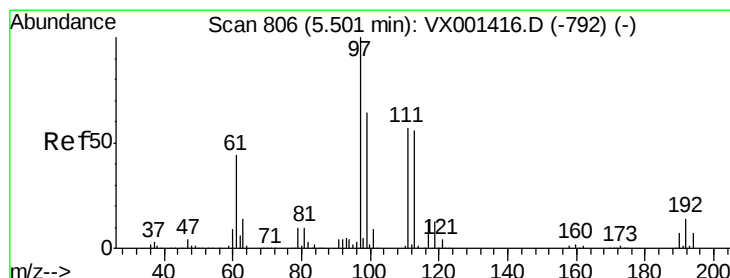
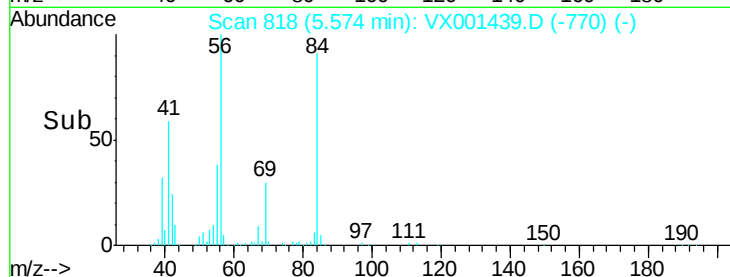
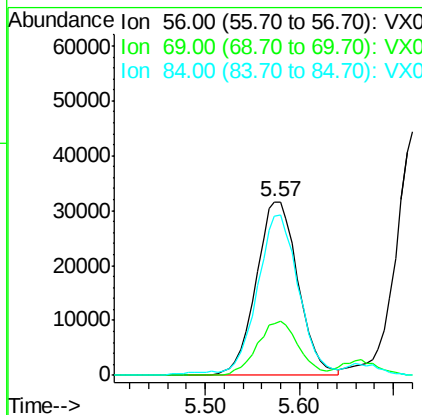
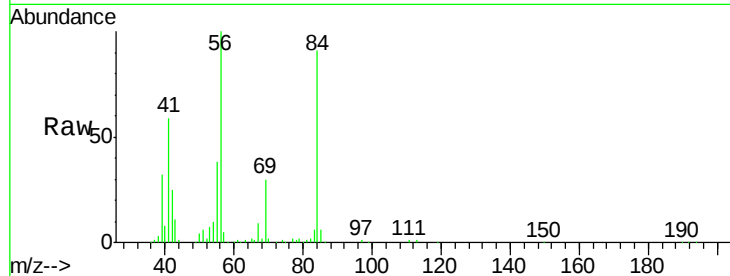
ClientSampleId :

VX0506WBS01

Tot Ion:	56	Resp:	98582
Ion	Ratio	Lower	Upper
56	100		
69	29.9	25.4	38.0
84	89.9	73.8	110.8

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 19.50 ug/l

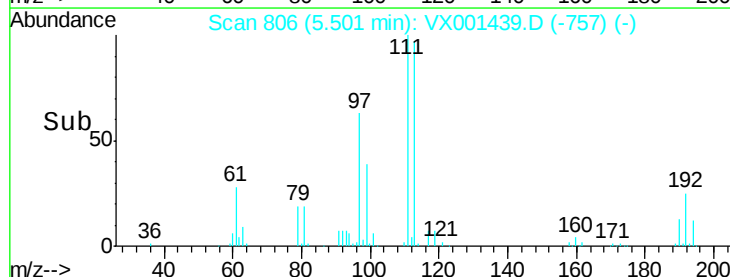
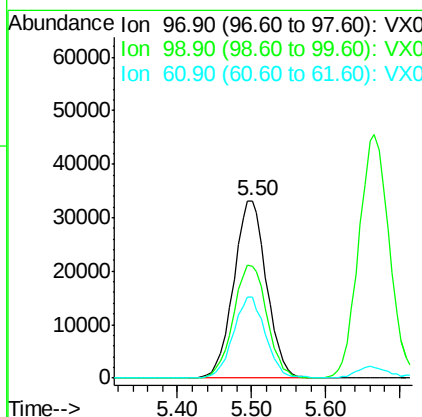
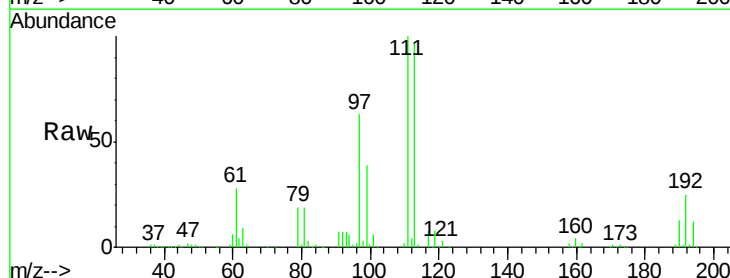
RT: 5.50 min Scan# 806

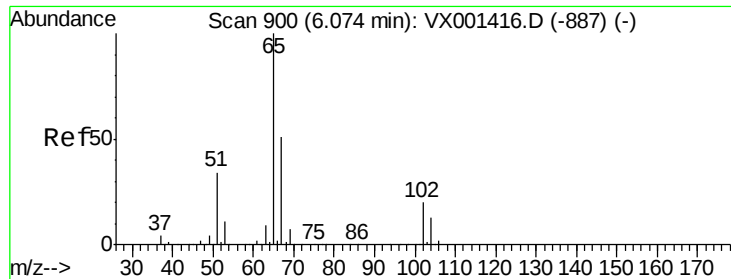
Delta R.T. 0.00 min

Lab File: VX001439.D

Acq: 06 May 2018 13:04

Tgt Ion:	97	Resp:	102312
Ion	Ratio	Lower	Upper
97	100		
99	65.1	51.3	76.9
61	44.8	34.8	52.2





#33

1,2-Dichloroethane-d4

Concen: 48.69 ug/l

RT: 6.07 min Scan# 900

Delta R.T. 0.00 min

Lab File: VX001439.D

Acq: 06 May 2018 13:04

Instrument :

MSVOA_X

ClientSampleId :

VX0506WBS01

Tot Ion: 65 Resp: 189414

Ion Ratio Lower Upper

65 100

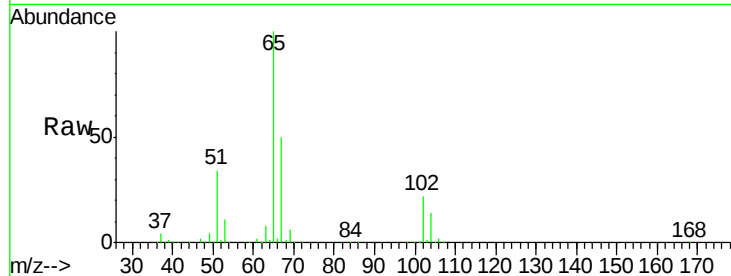
67 50.2 0.0 101.8

Manual Integrations

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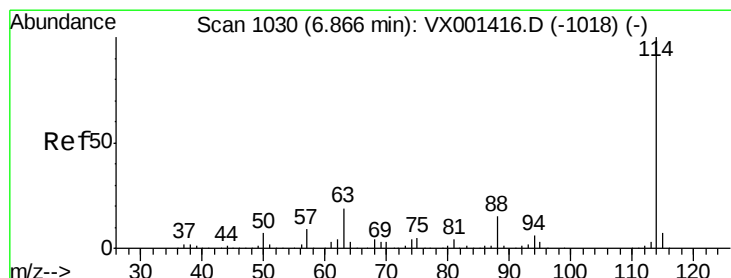
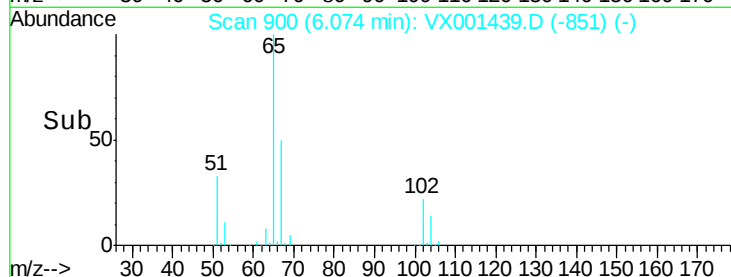
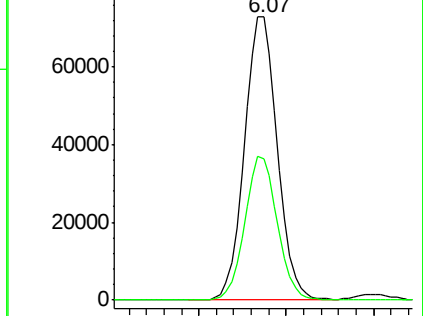
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Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.87 min Scan# 1030

Delta R.T. 0.00 min

Lab File: VX001439.D

Acq: 06 May 2018 13:04

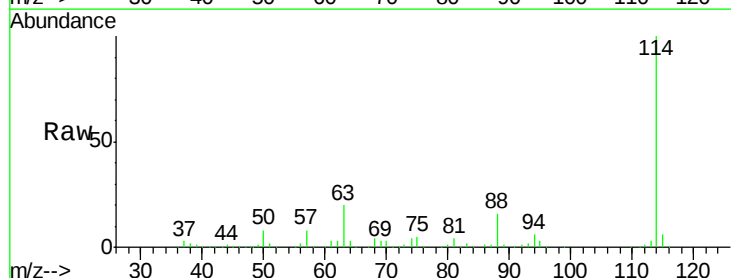
Tgt Ion: 114 Resp: 345997

Ion Ratio Lower Upper

114 100

63 20.0 0.0 38.6

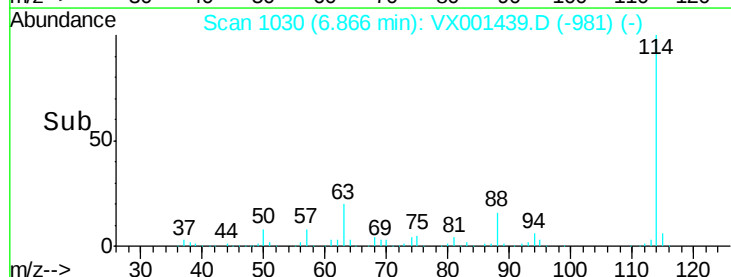
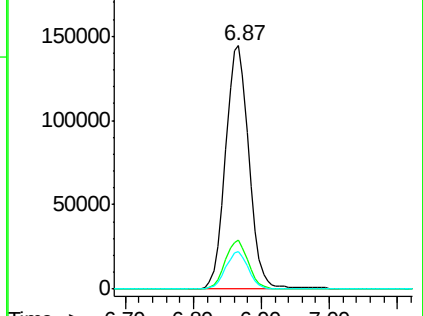
88 15.5 0.0 30.8



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





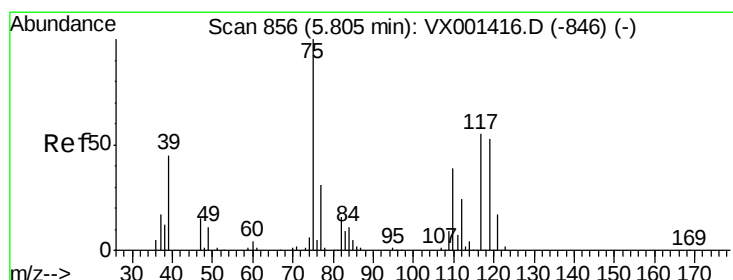
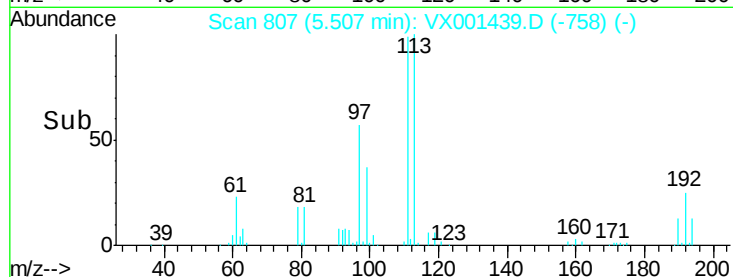
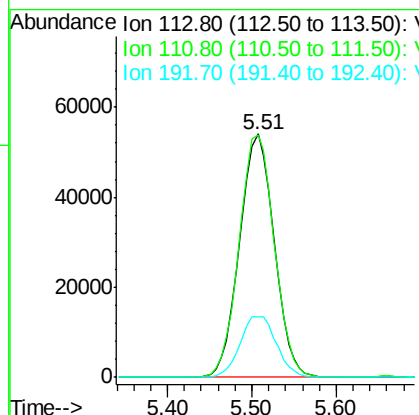
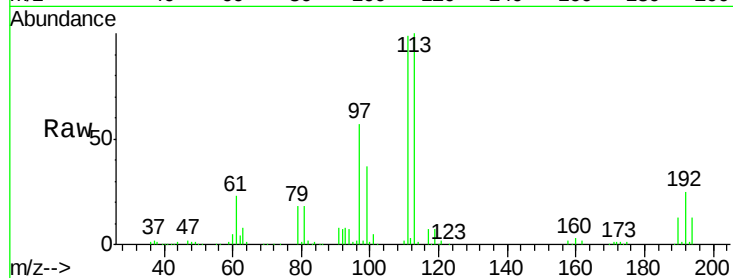
#35
 Dibromofluoromethane
 Concen: 48.88 ug/l
 RT: 5.51 min Scan# 807
 Delta R.T. 0.00 min
 Lab File: VX001439.D
 Acq: 06 May 2018 13:04

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0506WBS01

Tot Ion	Ratio	Resp	Lower	Upper
113	100	150425		
111	101.3	82.2	123.2	
192	26.3	21.4	32.0	

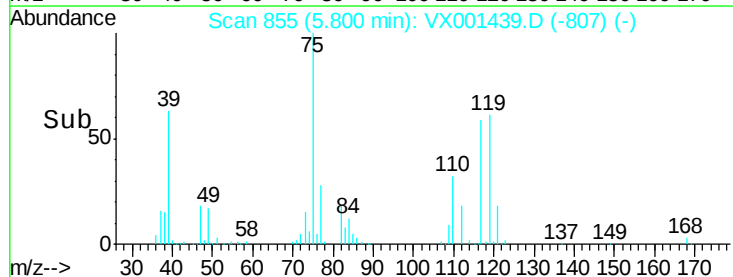
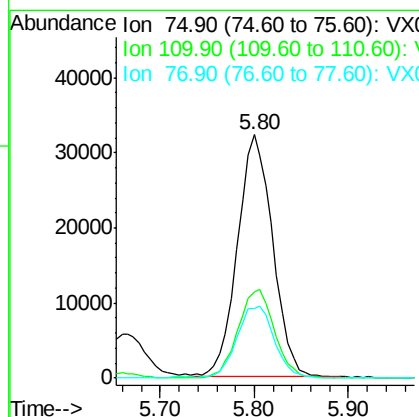
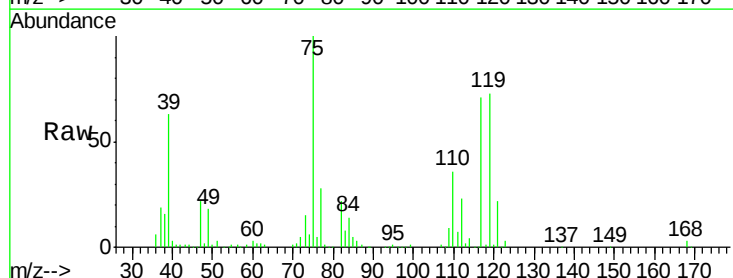
Manual Integrations
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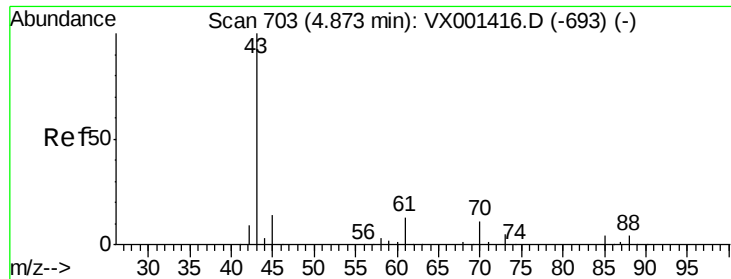
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#36
 1,1-Dichloropropene
 Concen: 19.22 ug/l
 RT: 5.80 min Scan# 856
 Delta R.T. -0.01 min
 Lab File: VX001439.D
 Acq: 06 May 2018 13:04

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	84571		
110	38.0	18.9	56.7	
77	31.1	24.9	37.3	





#37

Ethyl Acetate

Concen: 19.04 ug/l

RT: 4.87 min Scan# 702

Delta R.T. -0.01 min

Lab File: VX001439.D

Acq: 06 May 2018 13:04

Instrument :

MSVOA_X

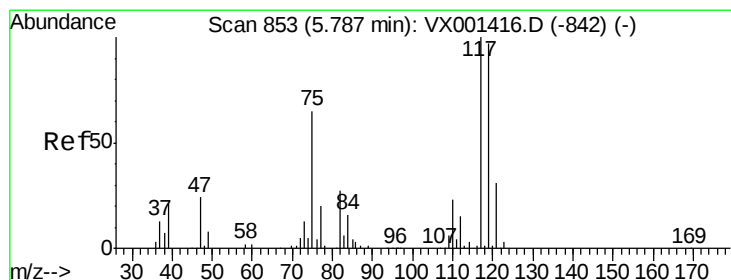
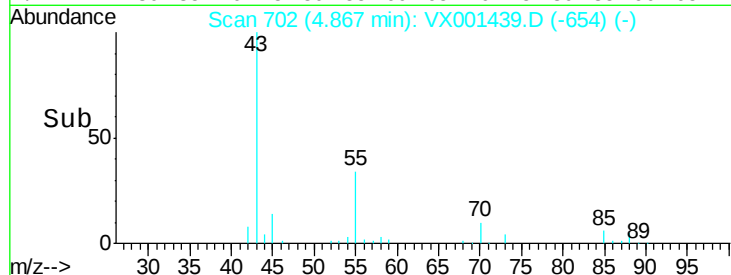
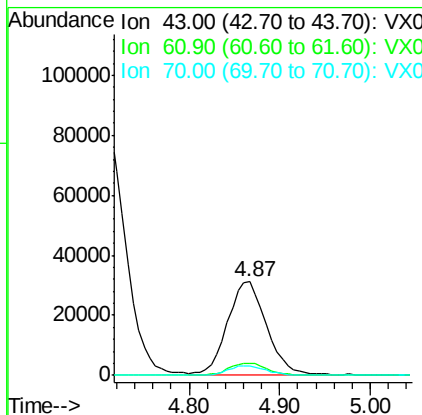
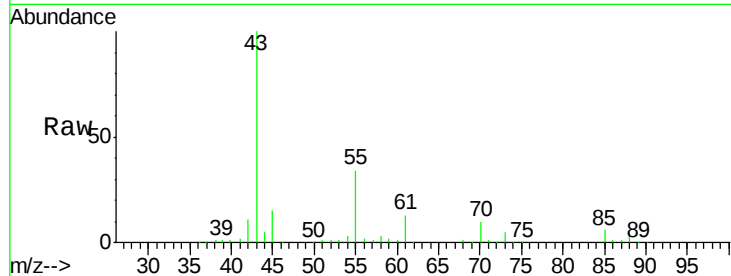
ClientSampled :

VX0506WBS01

Tot Ion:	43	Resp:	91842
Ion	Ratio	Lower	Upper
43	100		
61	13.4	10.7	16.1
70	10.4	8.4	12.6

Manual Integrations
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#38

Carbon Tetrachloride

Concen: 19.54 ug/l

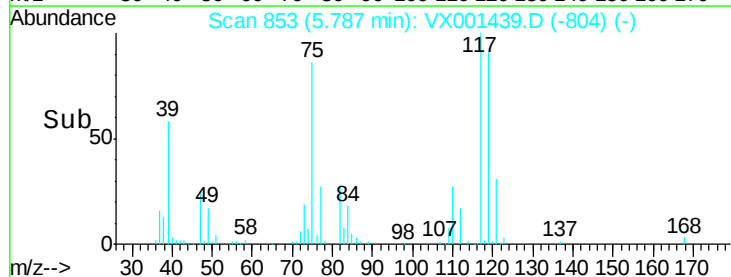
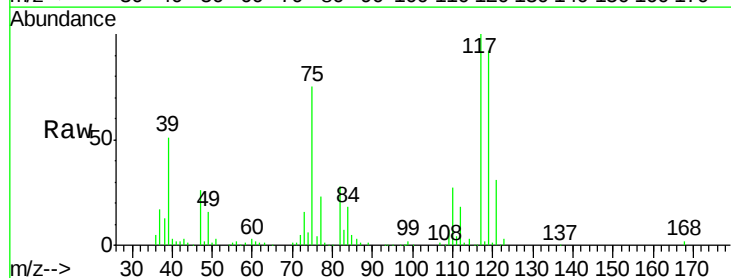
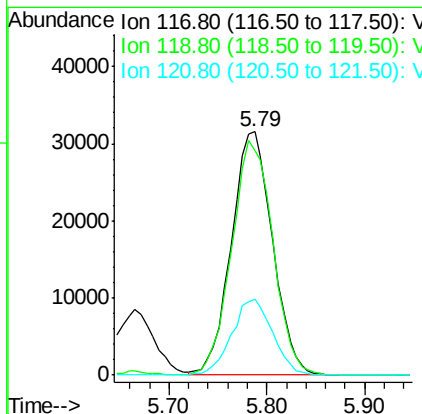
RT: 5.79 min Scan# 853

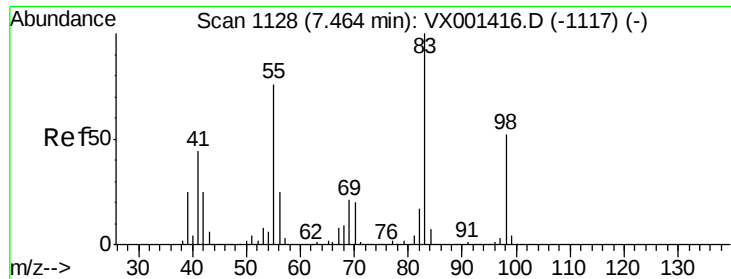
Delta R.T. 0.00 min

Lab File: VX001439.D

Acq: 06 May 2018 13:04

Tgt Ion:	117	Resp:	91732
Ion	Ratio	Lower	Upper
117	100		
119	92.3	77.0	115.6
121	30.9	25.1	37.7





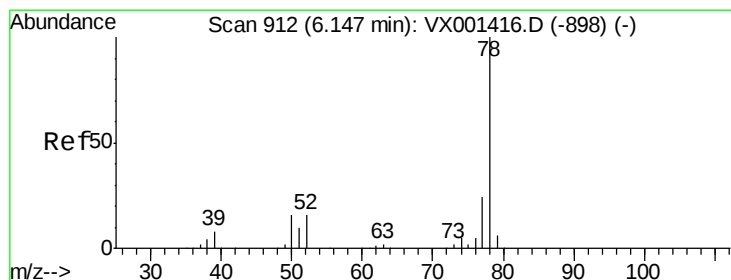
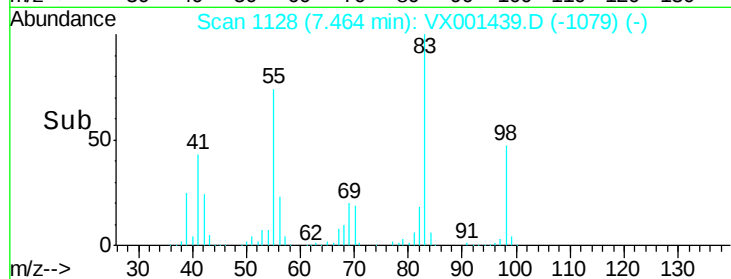
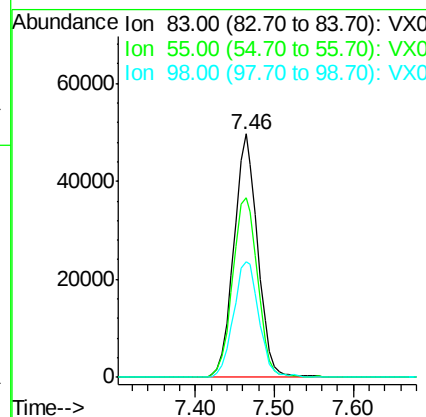
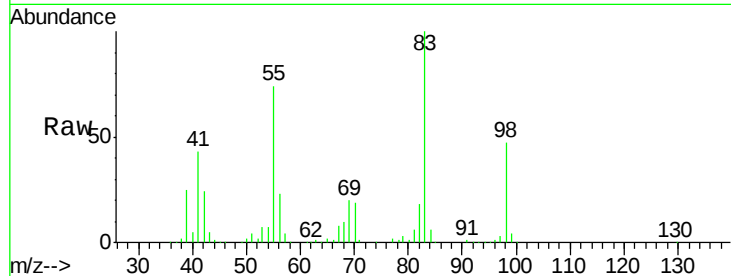
#39
Methvlcvclohexane
Concen: 20.08 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. 0.00 min
Lab File: VX001439.D
Acq: 06 May 2018 13:04

Instrument :
MSVOA_X
ClientSampleId :
VX0506WBS01

Tot Ion	Ratio	Resp	Lower	Upper
83	100	104509		
55	73.9		60.9	91.3
98	47.3		41.9	62.9

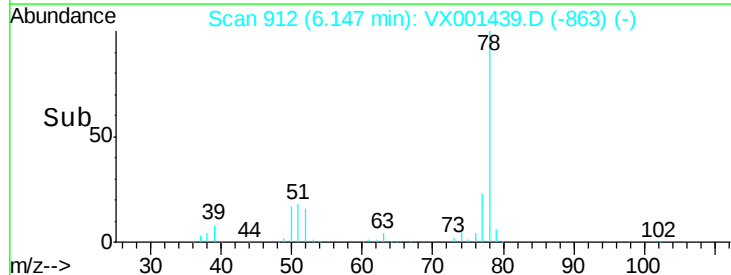
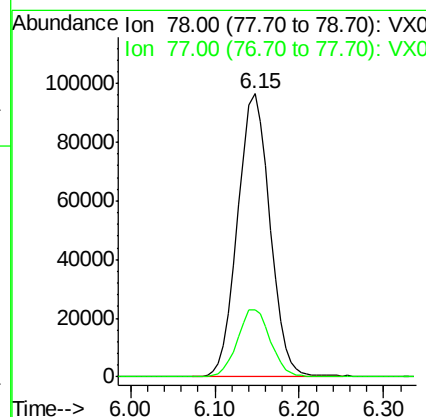
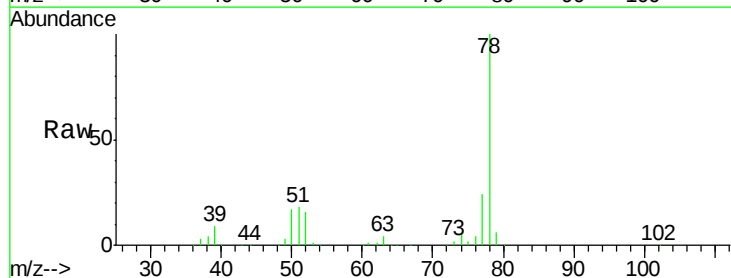
Manual Integrations
APPROVED

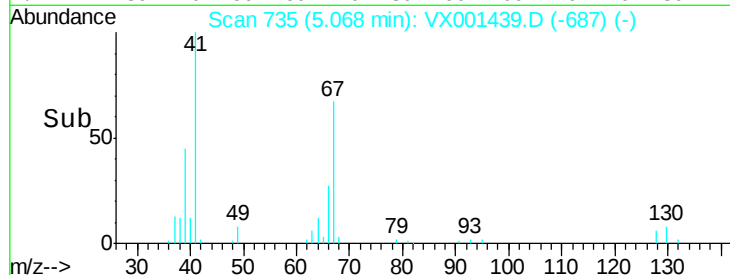
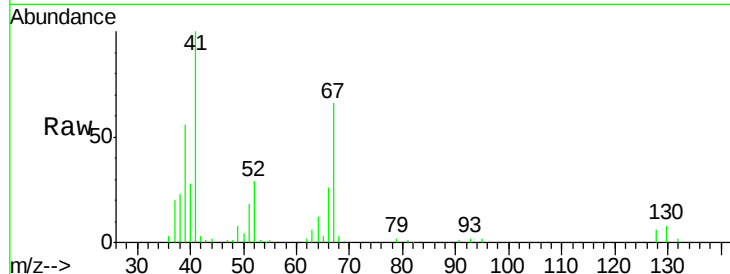
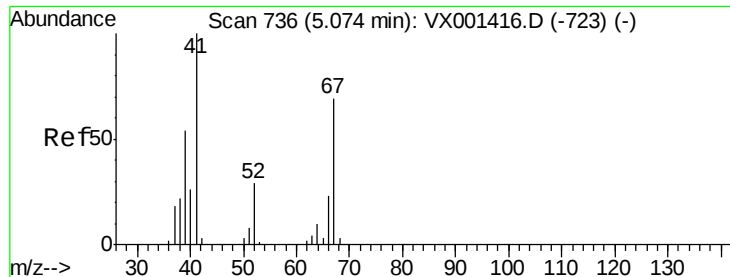
MMDadoda
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#40
Benzene
Concen: 19.54 ug/l
RT: 6.15 min Scan# 912
Delta R.T. 0.00 min
Lab File: VX001439.D
Acq: 06 May 2018 13:04

Tgt Ion	Ratio	Resp	Lower	Upper
78	100	251250		
77	23.7		19.4	29.2





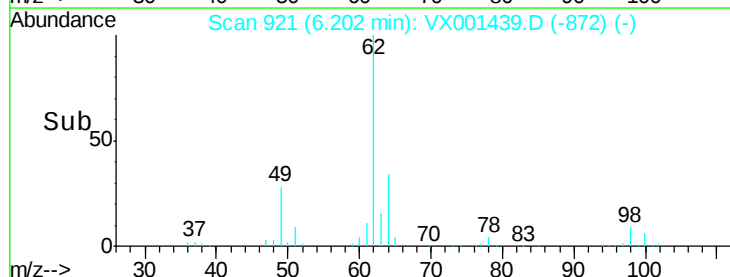
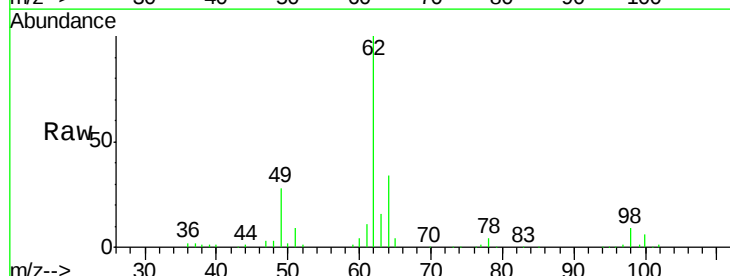
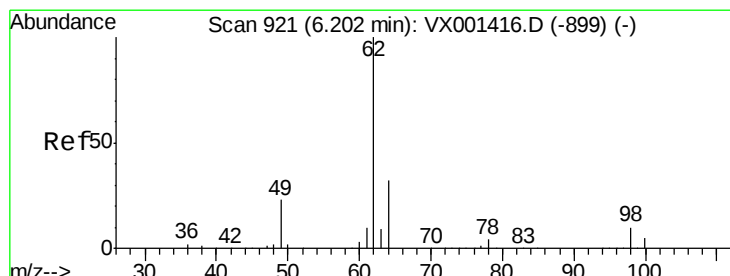
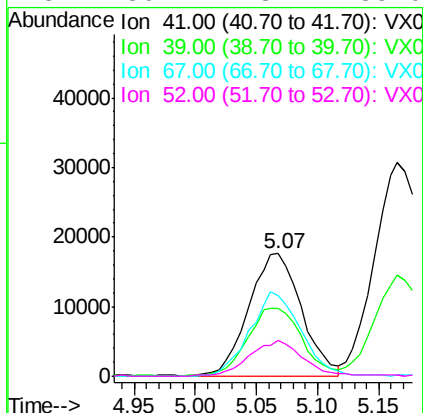
#41
Methacrylonitrile
Concen: 18.98 ug/l
RT: 5.07 min Scan# 735
Delta R.T. -0.01 min
Lab File: VX001439.D
Acq: 06 May 2018 13:04

Tot Ion	41	Resp	52387
Ion Ratio	100	Lower	Upper
41	100		
39	58.1	45.0	67.6
67	67.6	55.0	82.6
52	30.2	23.4	35.0

Instrument :
MSVOA_X
ClientSampleId :
VX0506WBS01

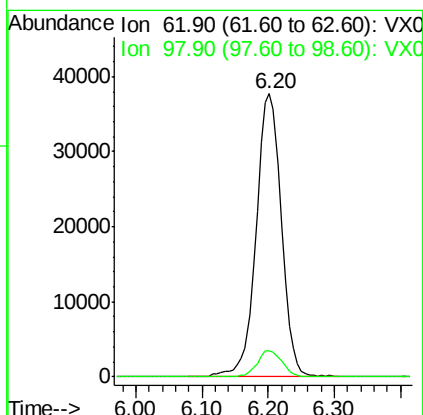
Manual Integrations
APPROVED

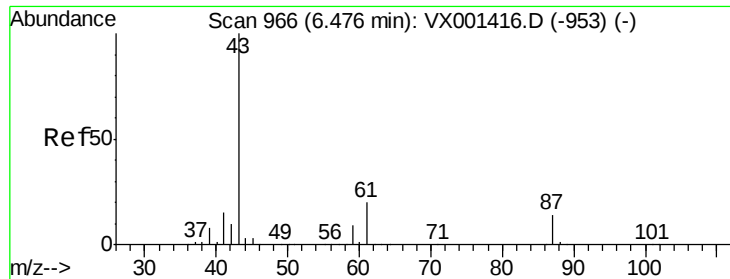
MMDadoda
5/18/2018 2:17:28 PM



#42
1,2-Dichloroethane
Concen: 20.31 ug/l
RT: 6.20 min Scan# 921
Delta R.T. 0.00 min
Lab File: VX001439.D
Acq: 06 May 2018 13:04

Tgt Ion	62	Resp	100329
Ion Ratio	100	Lower	Upper
62	100		
98	9.2	0.0	19.0





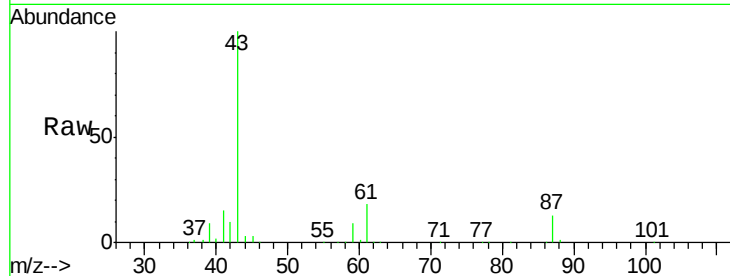
#43
Isopropyl Acetate
Concen: 20.00 ug/l
RT: 6.47 min Scan# 965
Delta R.T. -0.01 min
Lab File: VX001439.D
Acq: 06 May 2018 13:04

Instrument :
MSVOA_X
ClientSampleId :
VX0506WBS01

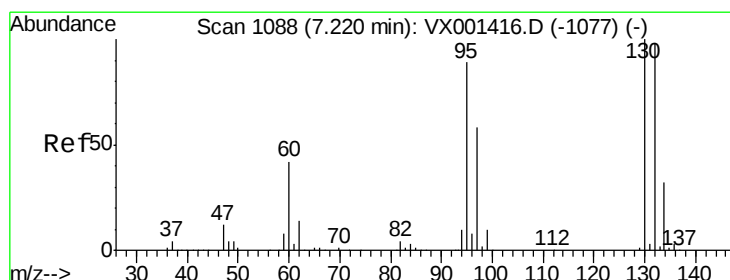
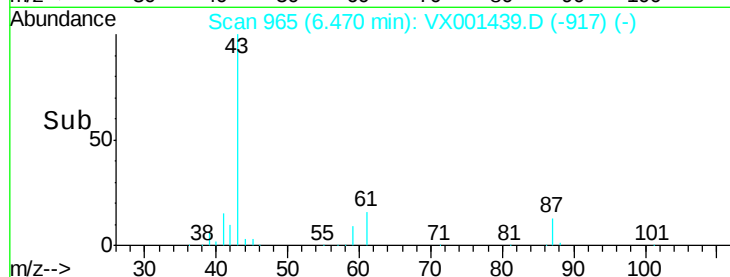
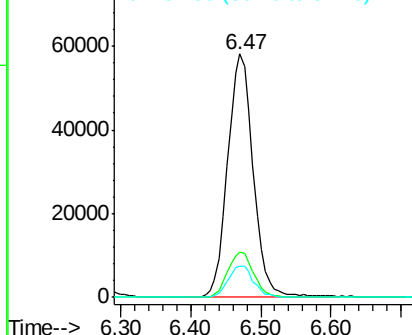
Tot Ion	Ratio	Lower	Upper
43	100		
61	19.0	15.4	23.0
87	12.8	10.8	16.2

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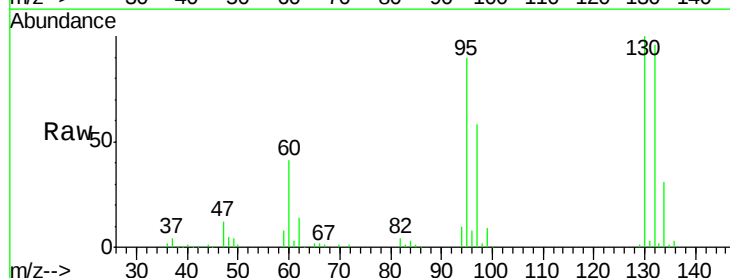


Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 61.00 (60.70 to 61.70): VX0
Ion 87.00 (86.70 to 87.70): VX0

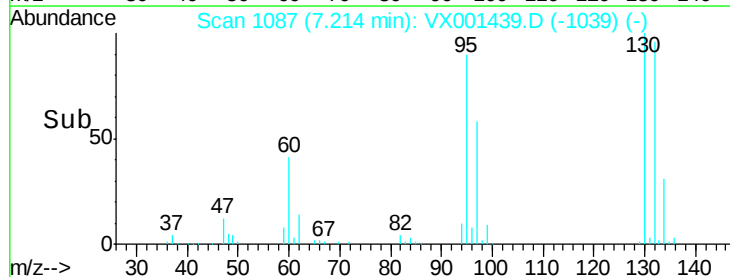
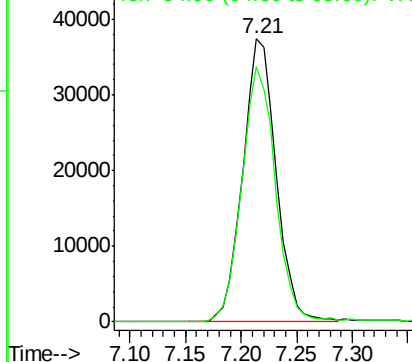


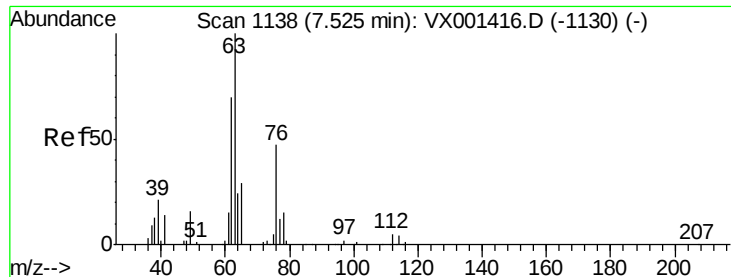
#44
Trichloroethene
Concen: 19.88 ug/l
RT: 7.21 min Scan# 1087
Delta R.T. -0.01 min
Lab File: VX001439.D
Acq: 06 May 2018 13:04

Tgt Ion	Ratio	Lower	Upper
130	100		
95	90.4	0.0	178.4



Abundance Ion 129.80 (129.50 to 130.50): V
Ion 94.90 (94.60 to 95.60): VX0





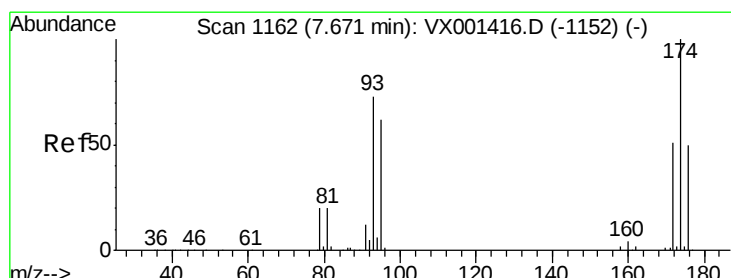
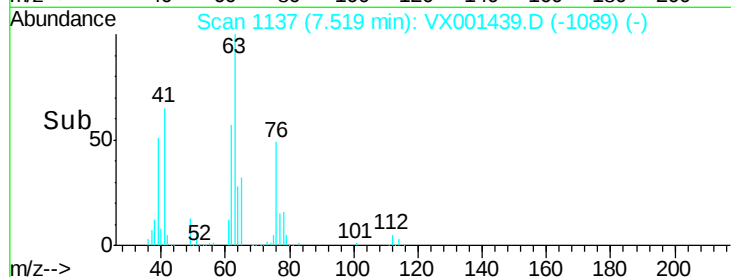
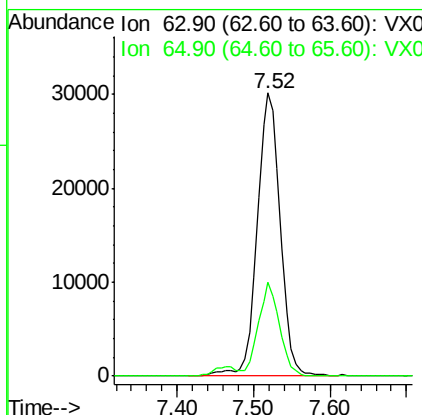
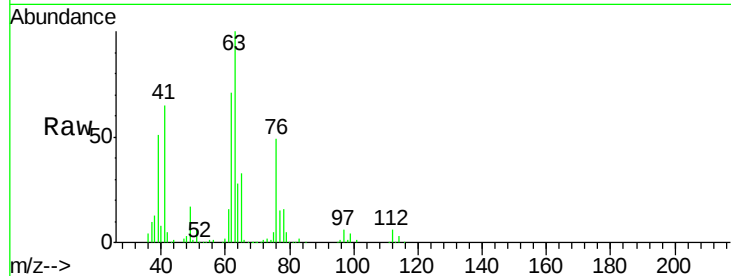
#45
 1,2-Dichloropropane
 Concen: 19.87 ug/l
 RT: 7.52 min Scan# 1137
 Delta R.T. -0.01 min
 Lab File: VX001439.D
 Acq: 06 May 2018 13:04

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0506WBS01

Tot Ion: 63 Resp: 63665
 Ion Ratio Lower Upper
 63 100
 65 33.0 24.5 36.7

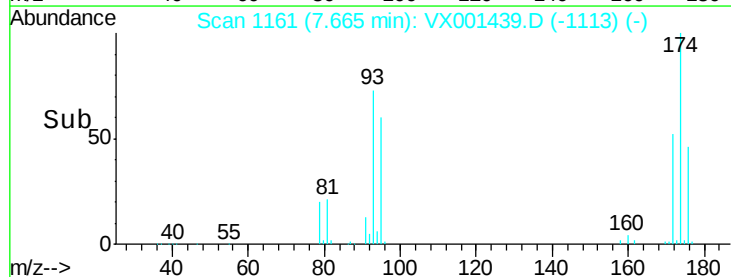
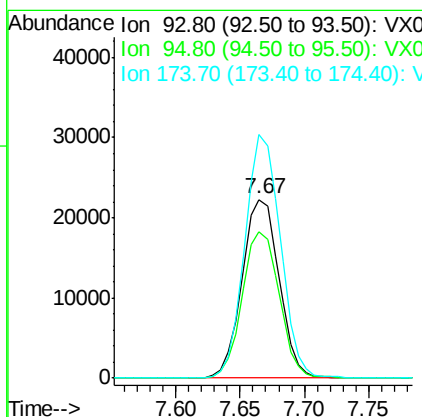
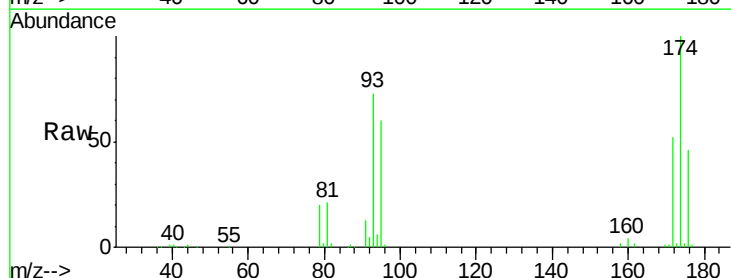
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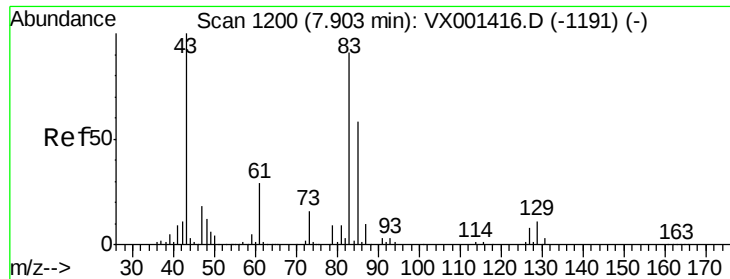
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#46
 Dibromomethane
 Concen: 19.56 ug/l
 RT: 7.67 min Scan# 1161
 Delta R.T. -0.01 min
 Lab File: VX001439.D
 Acq: 06 May 2018 13:04

Tgt Ion: 93 Resp: 44383
 Ion Ratio Lower Upper
 93 100
 95 82.0 67.0 100.4
 174 131.2 104.5 156.7





#47

Bromodichloromethane

Concen: 19.80 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. 0.00 min

Lab File: VX001439.D

Acq: 06 May 2018 13:04

Instrument :

MSVOA_X

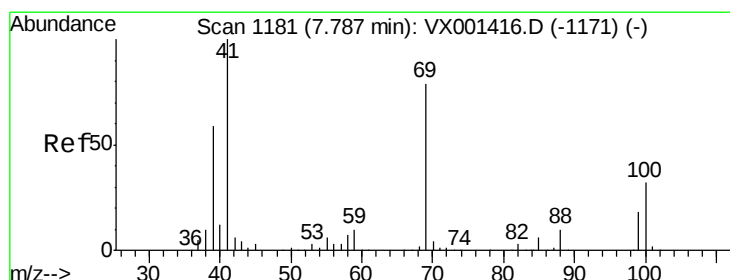
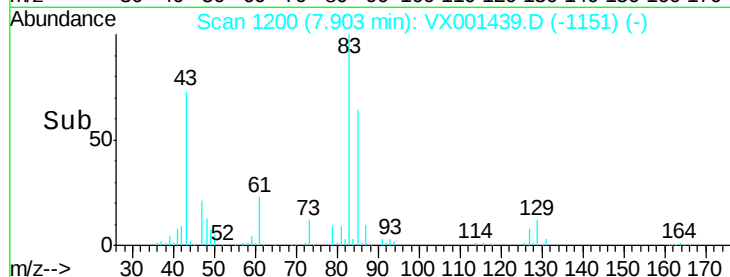
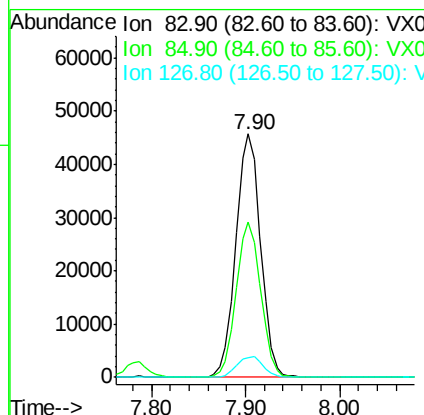
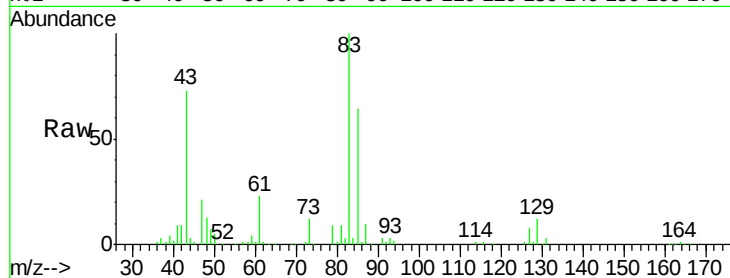
ClientSampleId :

VX0506WBS01

Tot Ion:	83	Resp:	83147
Ion	Ratio	Lower	Upper
83	100		
85	64.0	51.0	76.6
127	8.2	7.4	11.2

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#48

Methyl methacrylate

Concen: 19.48 ug/l

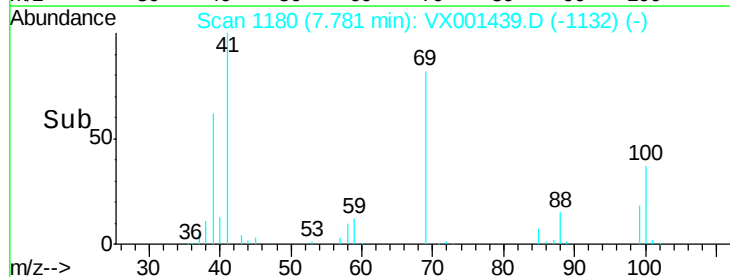
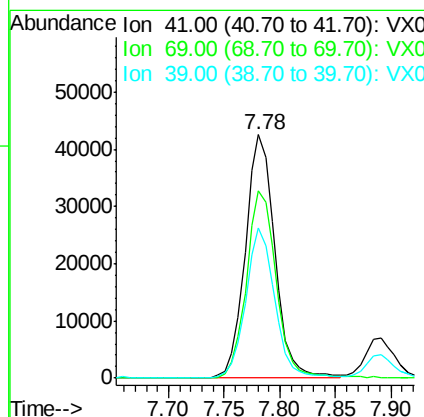
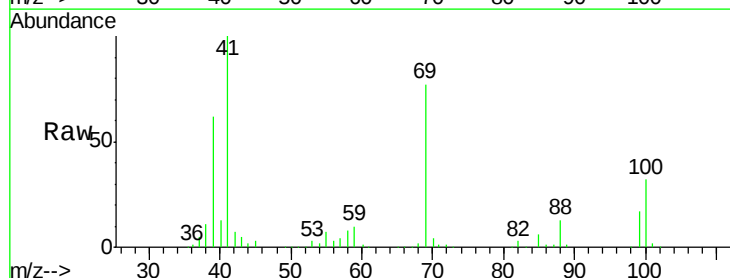
RT: 7.78 min Scan# 1180

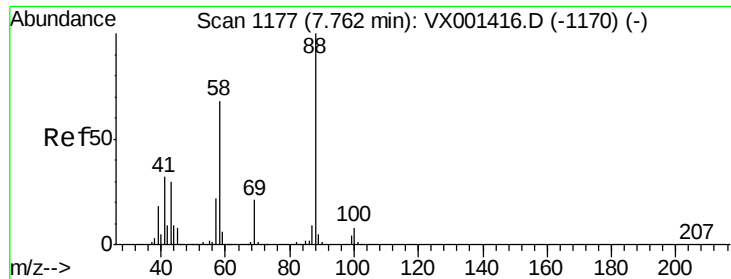
Delta R.T. -0.01 min

Lab File: VX001439.D

Acq: 06 May 2018 13:04

Tgt Ion:	41	Resp:	78558
Ion	Ratio	Lower	Upper
41	100		
69	78.0	63.4	95.2
39	60.0	47.0	70.4





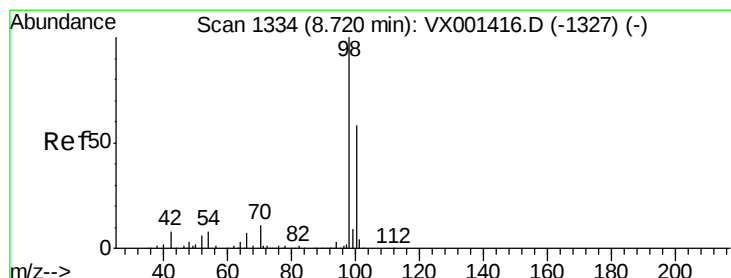
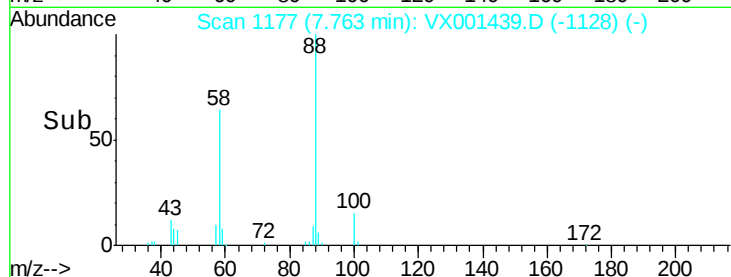
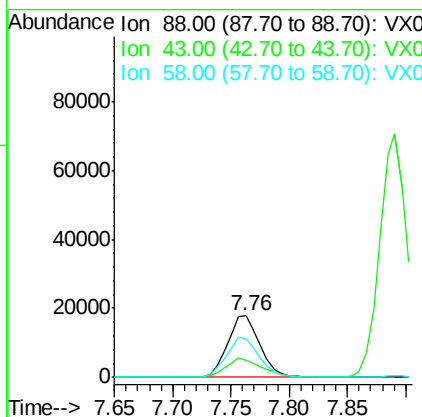
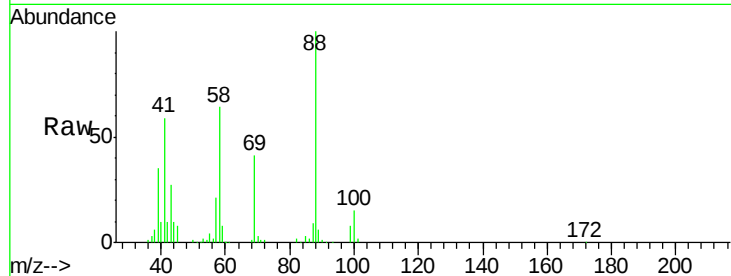
#49
1,4-Dioxane
Concen: 396.23 ug/l
RT: 7.76 min Scan# 1177
Delta R.T. 0.00 min
Lab File: VX001439.D
Acq: 06 May 2018 13:04

Instrument :
MSVOA_X
ClientSampleId :
VX0506WBS01

Tot Ion	Ratio	Lower	Upper
88	100		
43	33.5	26.4	39.6
58	67.1	54.1	81.1

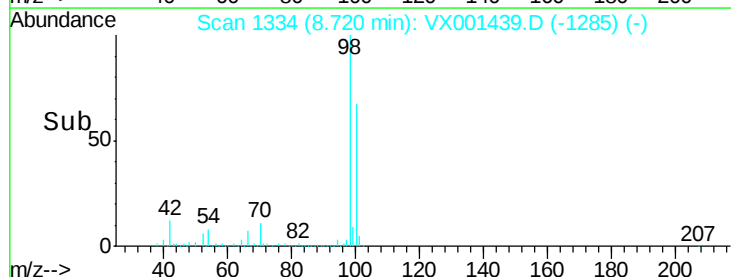
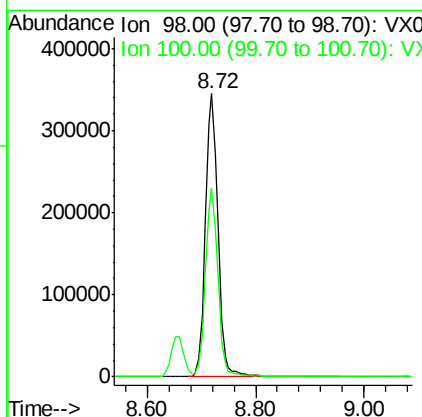
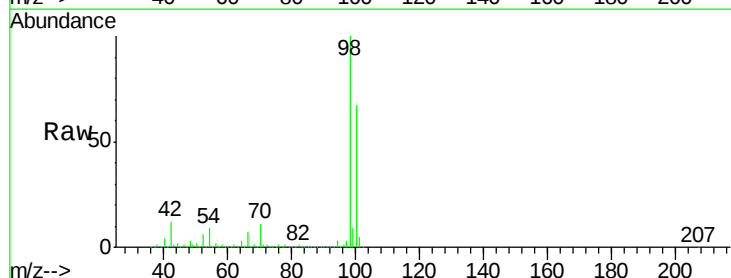
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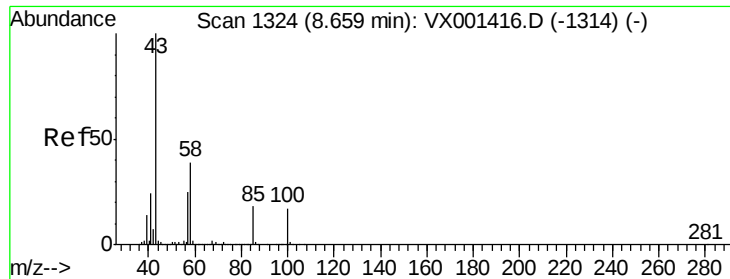
MMDadoda
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#50
Toluene-d8
Concen: 49.36 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX001439.D
Acq: 06 May 2018 13:04

Tgt Ion	Ratio	Lower	Upper
98	100		
100	66.5	54.0	81.0





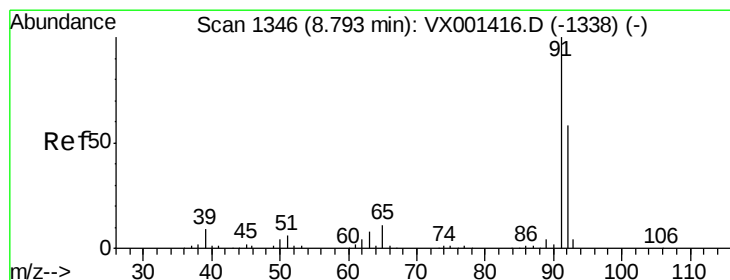
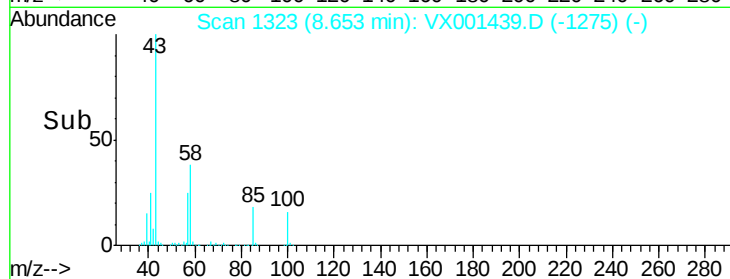
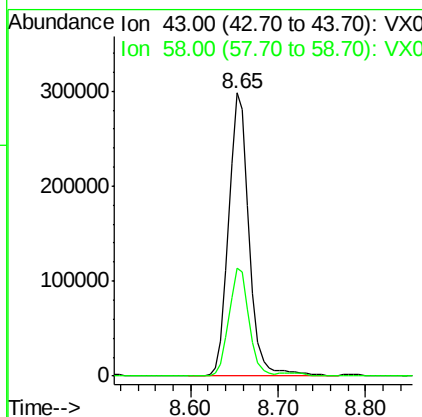
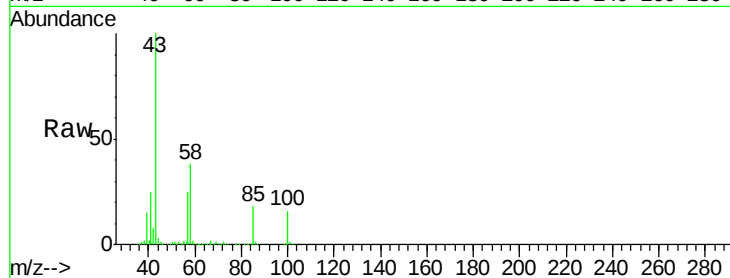
#51
4-Methyl-2-Pentanone
Concen: 98.64 ug/l
RT: 8.65 min Scan# 1323
Delta R.T. -0.01 min
Lab File: VX001439.D
Acq: 06 May 2018 13:04

Instrument :
MSVOA_X
ClientSampleId :
VX0506WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
58	37.3	30.8	46.2

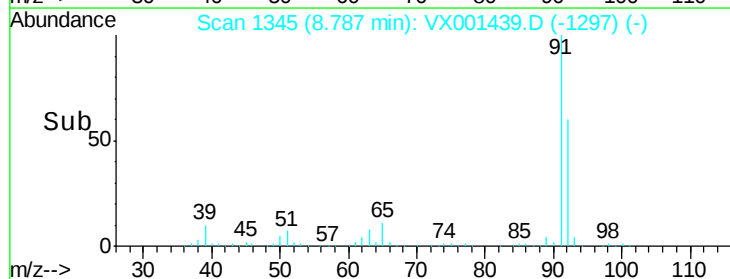
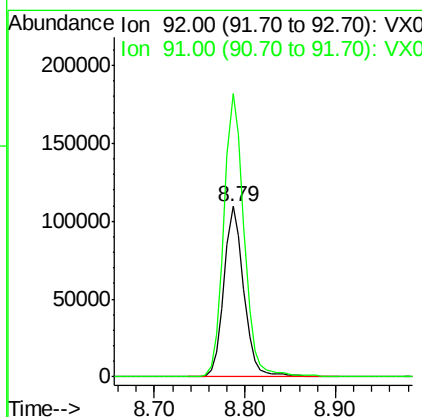
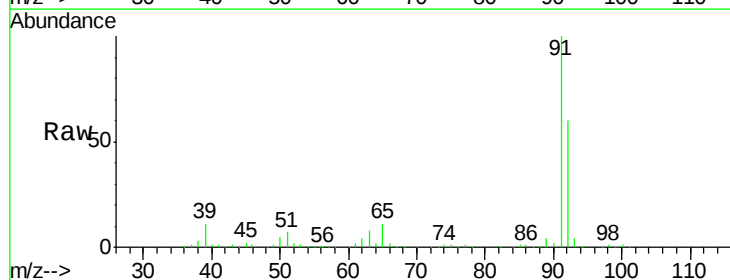
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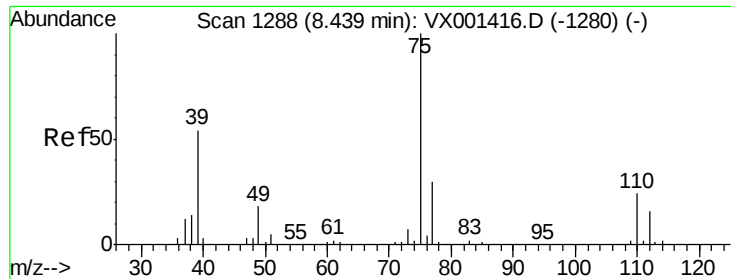
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#52
Toluene
Concen: 19.93 ug/l
RT: 8.79 min Scan# 1345
Delta R.T. -0.01 min
Lab File: VX001439.D
Acq: 06 May 2018 13:04

Tgt Ion	Ratio	Lower	Upper
92	100		
91	170.1	135.2	202.8





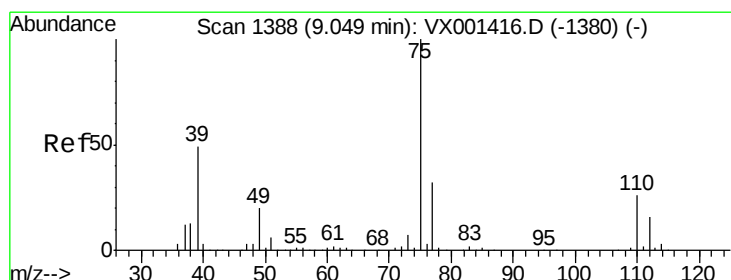
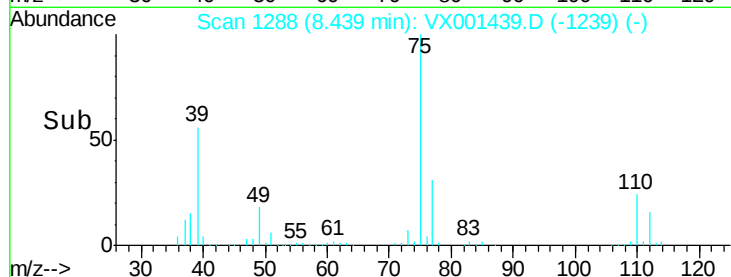
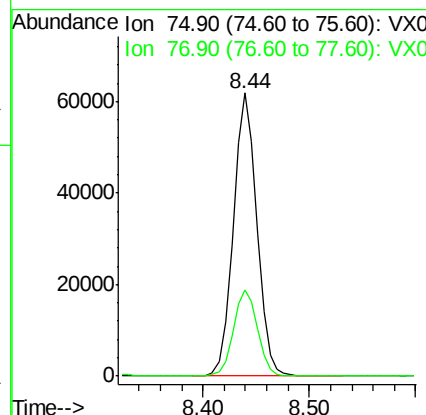
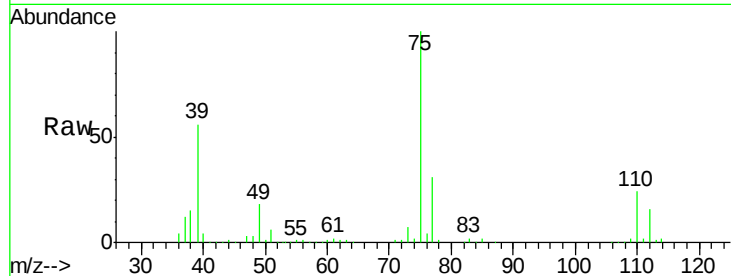
#53
t-1,3-Dichloropropene
Concen: 20.14 ug/l
RT: 8.44 min Scan# 1288
Delta R.T. 0.00 min
Lab File: VX001439.D
Acq: 06 May 2018 13:04

Instrument :
MSVOA_X
ClientSampleId :
VX0506WBS01

Tot Ion: 75 Resp: 95587
Ion Ratio Lower Upper
75 100
77 30.7 24.2 36.4

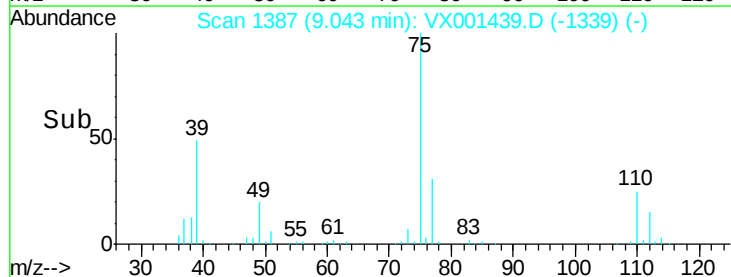
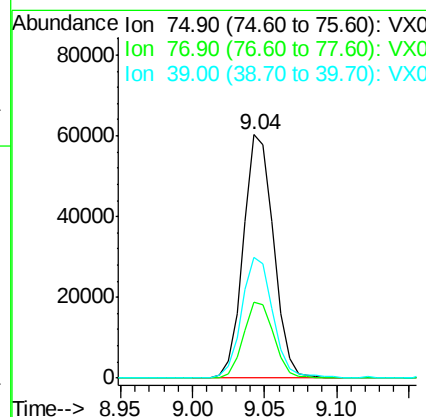
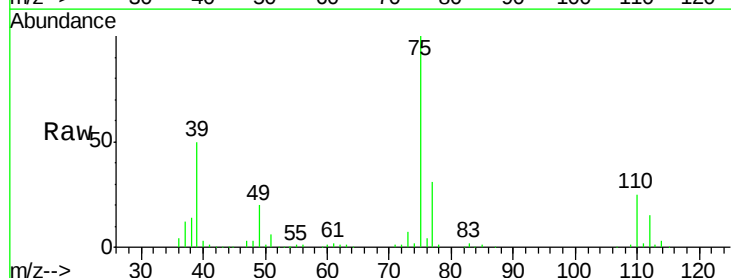
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#54
cis-1,3-Dichloropropene
Concen: 19.30 ug/l
RT: 9.04 min Scan# 1387
Delta R.T. -0.01 min
Lab File: VX001439.D
Acq: 06 May 2018 13:04

Tgt Ion: 75 Resp: 87553
Ion Ratio Lower Upper
75 100
77 30.9 25.5 38.3
39 49.5 38.9 58.3





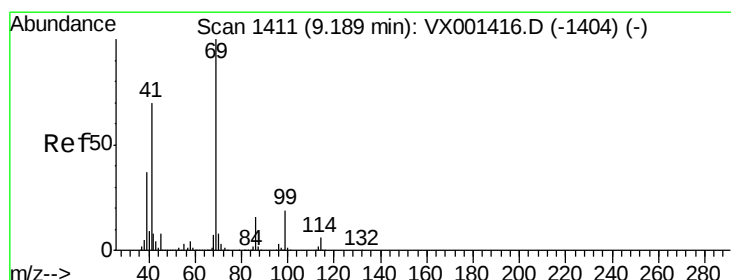
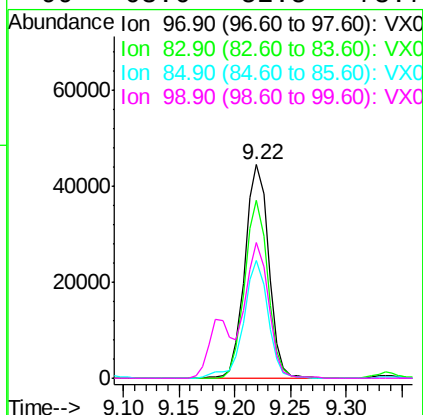
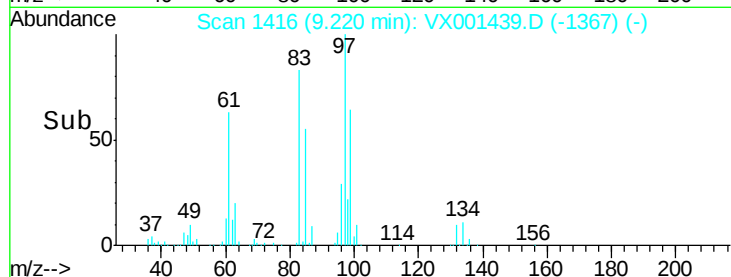
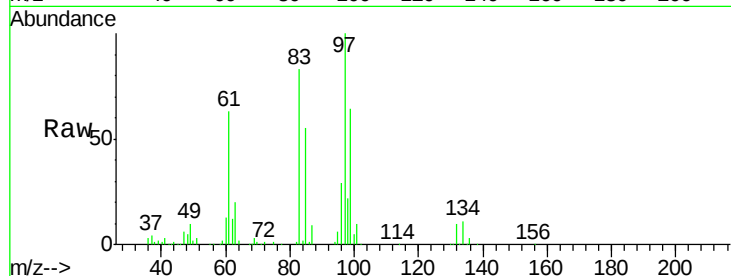
#55
 1,1,2-Trichloroethane
 Concen: 19.67 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. 0.00 min
 Lab File: VX001439.D
 Acq: 06 May 2018 13:04

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0506WBS01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		66606		
83	83.3	67.4	101.0		
85	55.0	43.3	64.9		
99	63.6	52.5	78.7		

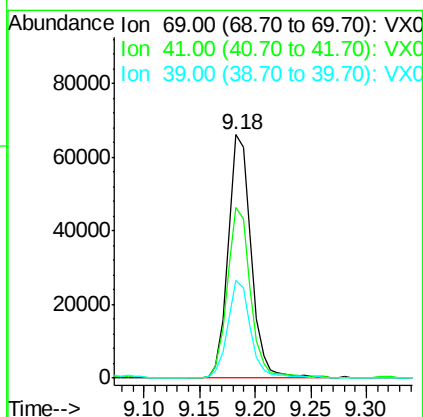
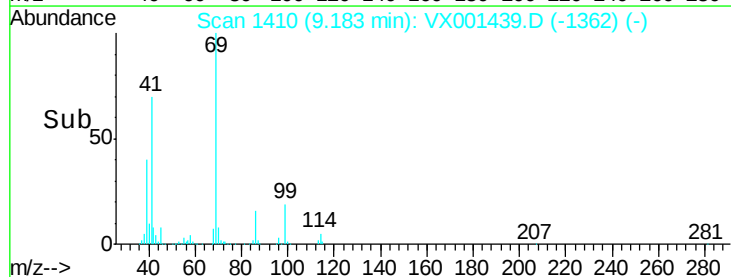
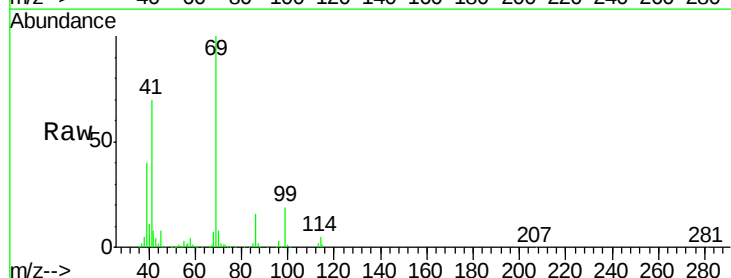
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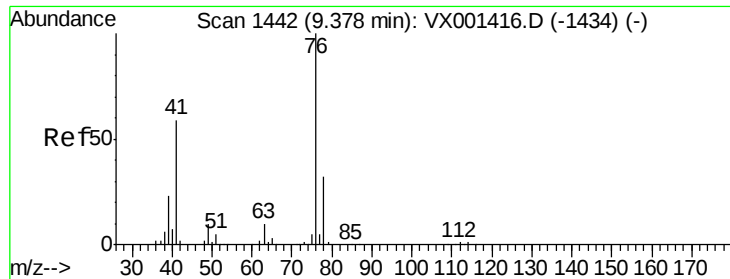
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#56
 Ethyl methacrylate
 Concen: 19.43 ug/l
 RT: 9.18 min Scan# 1410
 Delta R.T. -0.01 min
 Lab File: VX001439.D
 Acq: 06 May 2018 13:04

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		94861		
41	70.0	55.1	82.7		
39	39.4	29.9	44.9		





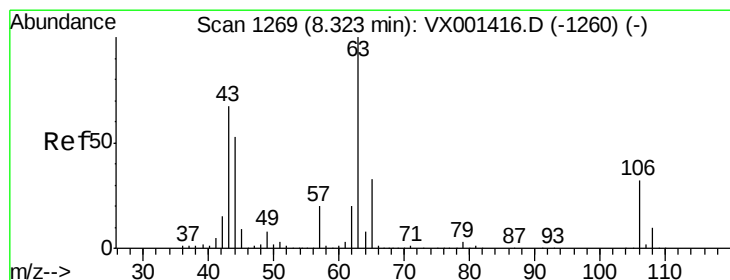
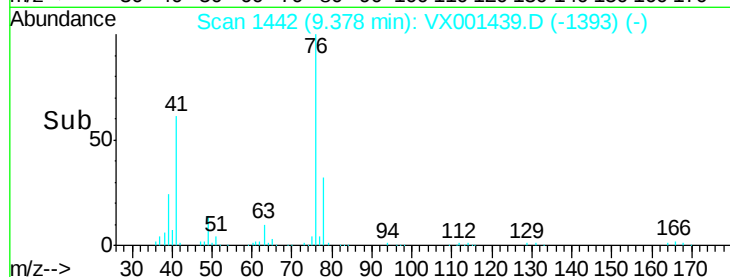
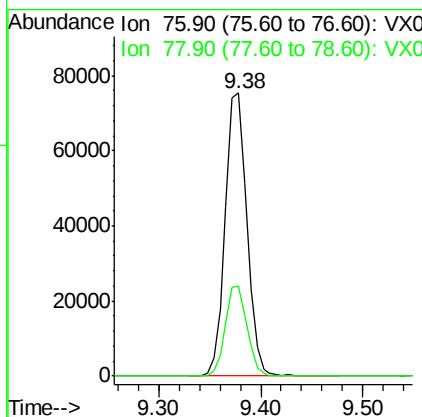
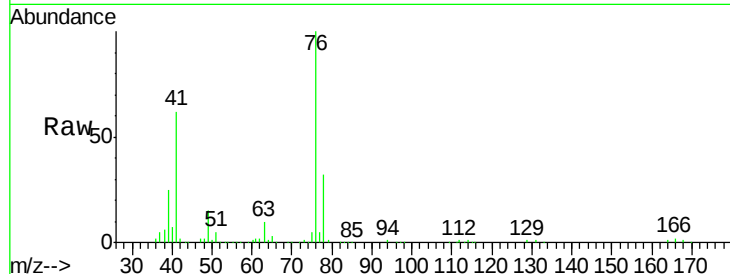
#57
 1,3-Dichloropropane
 Concen: 19.87 ug/l
 RT: 9.38 min Scan# 1442
 Delta R.T. 0.00 min
 Lab File: VX001439.D
 Acq: 06 May 2018 13:04

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0506WBS01

Tot Ion: 76 Resp: 111271
 Ion Ratio Lower Upper
 76 100
 78 32.1 25.8 38.6

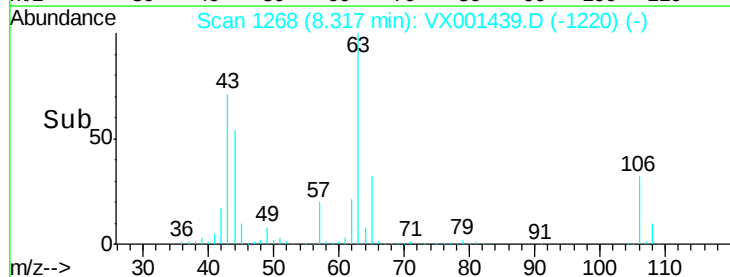
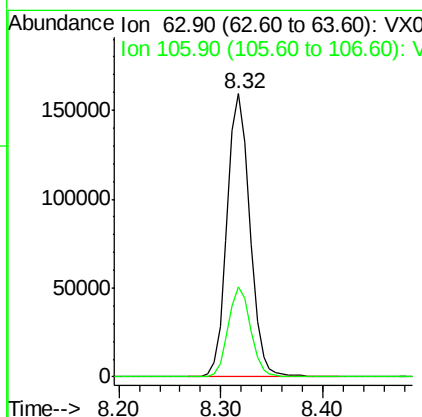
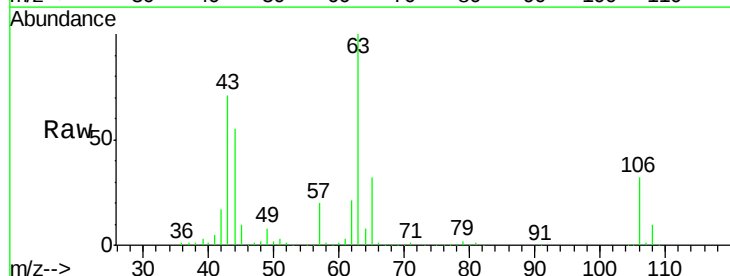
Manual Integrations
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#58
 2-Chloroethyl Vinyl ether
 Concen: 103.37 ug/l
 RT: 8.32 min Scan# 1268
 Delta R.T. -0.01 min
 Lab File: VX001439.D
 Acq: 06 May 2018 13:04

Tgt Ion: 63 Resp: 247503
 Ion Ratio Lower Upper
 63 100
 106 31.2 25.4 38.0





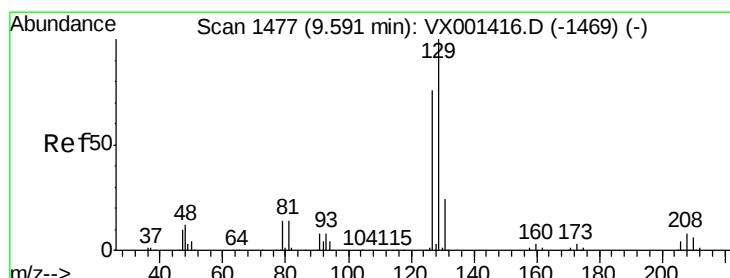
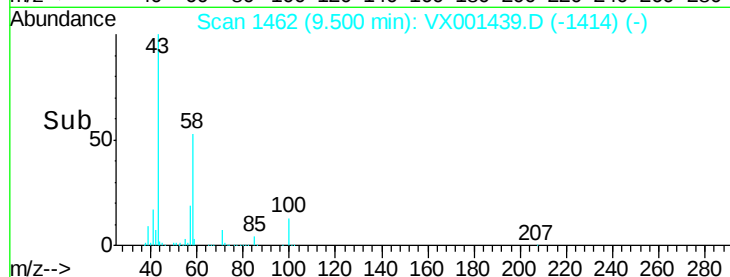
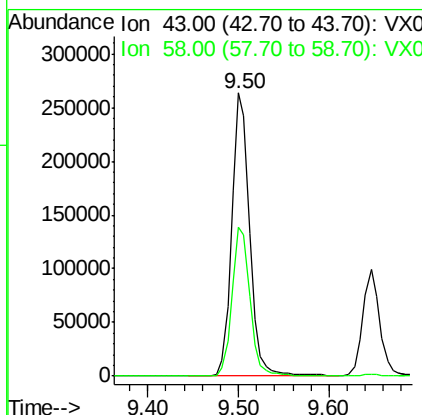
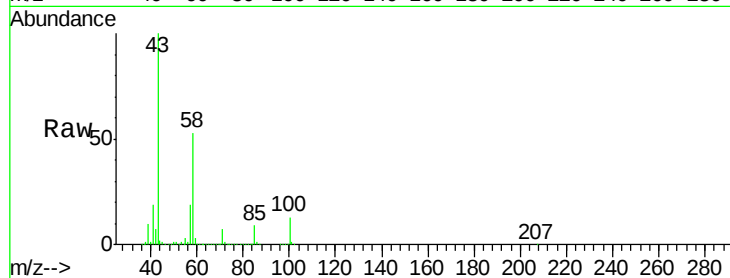
#59
2-Hexanone
Concen: 96.98 ug/l
RT: 9.50 min Scan# 1462
Delta R.T. -0.01 min
Lab File: VX001439.D
Acq: 06 May 2018 13:04

Instrument :
MSVOA_X
ClientSampleId :
VX0506WBS01

Tot Ion: 43 Resp: 365482
Ion Ratio Lower Upper
43 100
58 53.3 27.1 81.2

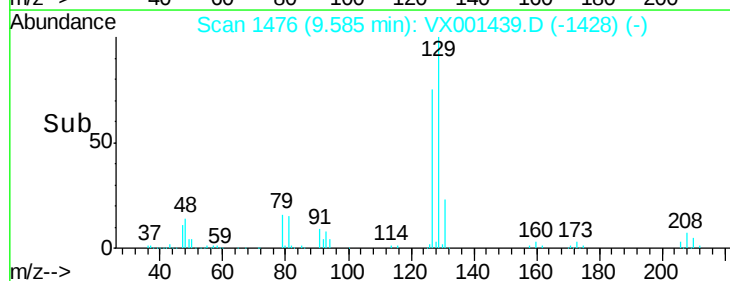
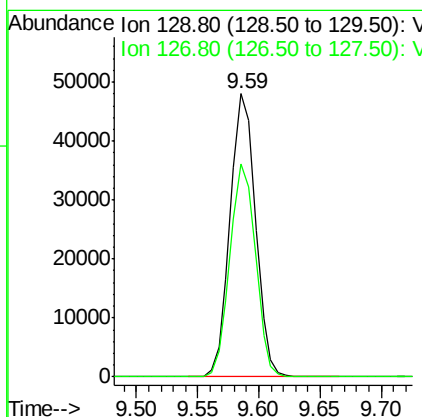
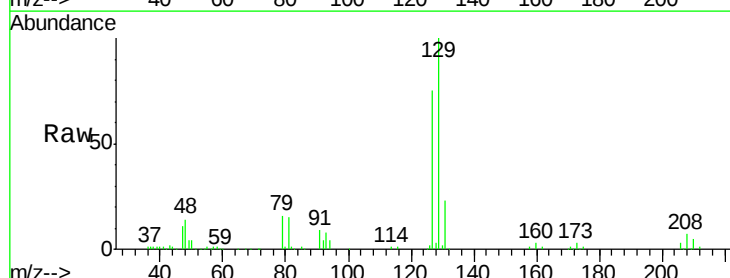
Manual Integrations
APPROVED

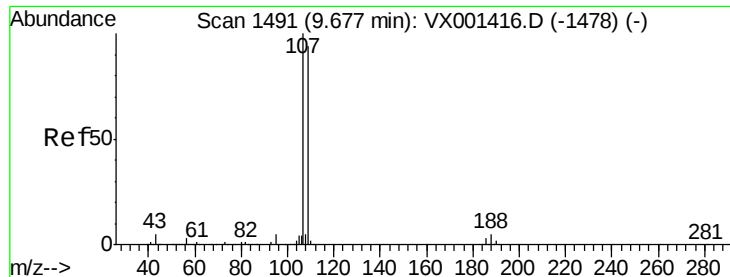
MMDadoda
5/18/2018 2:17:28 PM



#60
Dibromochloromethane
Concen: 19.92 ug/l
RT: 9.59 min Scan# 1476
Delta R.T. -0.01 min
Lab File: VX001439.D
Acq: 06 May 2018 13:04

Tgt Ion: 129 Resp: 69074
Ion Ratio Lower Upper
129 100
127 75.8 38.1 114.5





#61

1,2-Dibromoethane

Concen: 20.09 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. 0.00 min

Lab File: VX001439.D

Acq: 06 May 2018 13:04

Instrument :

MSVOA_X

ClientSampleId :

VX0506WBS01

Tot Ion:107 Resp: 71436

Ion Ratio Lower Upper

107 100

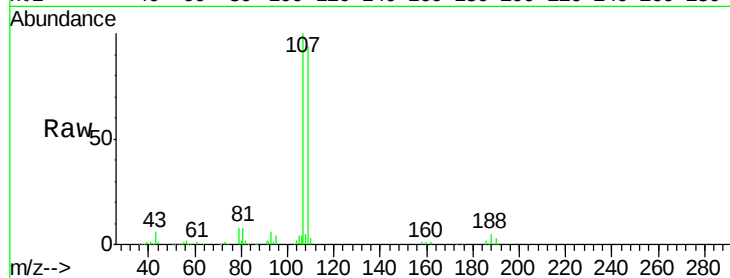
109 94.6 75.5 113.3

Manual Integrations

APPROVED

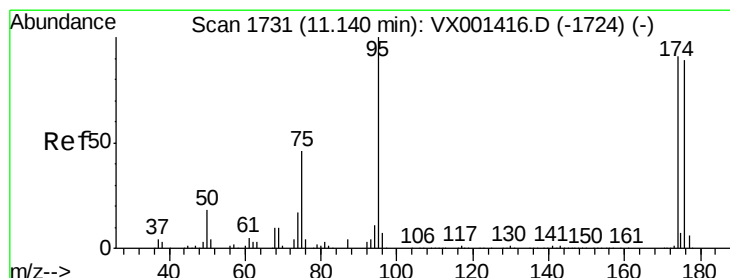
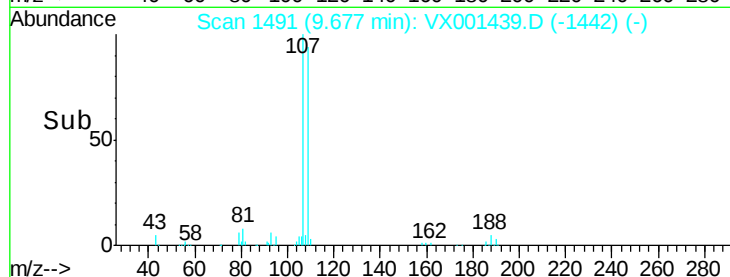
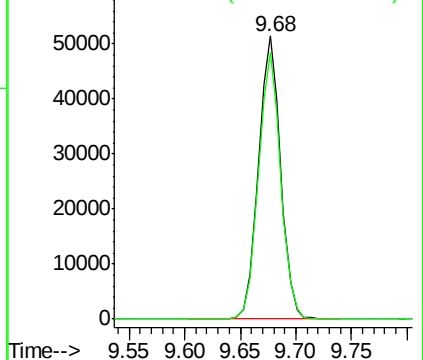
MMDadoda

5/18/2018 2:17:28 PM



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 48.68 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX001439.D

Acq: 06 May 2018 13:04

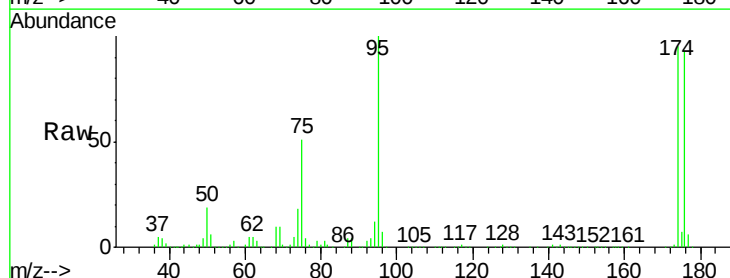
Tgt Ion: 95 Resp: 209927

Ion Ratio Lower Upper

95 100

174 100.1 0.0 202.0

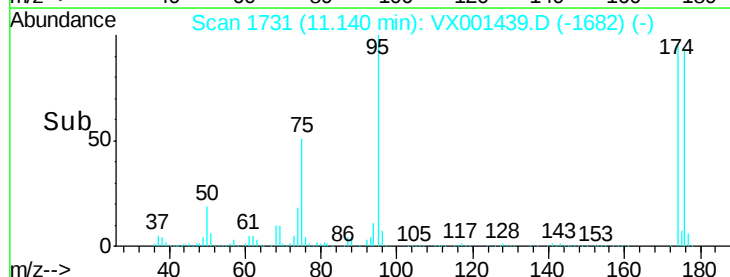
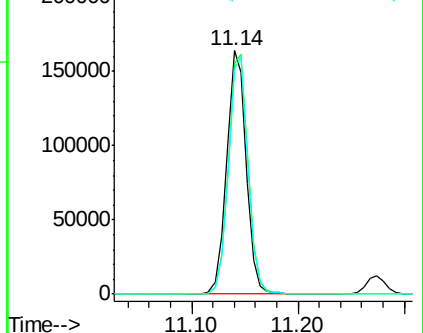
176 98.3 0.0 197.4

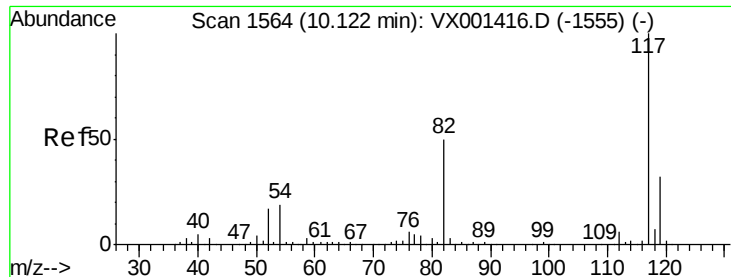


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





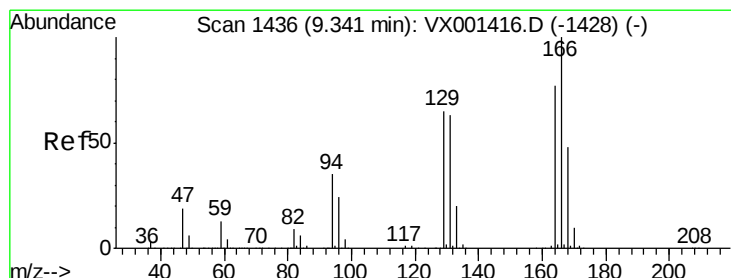
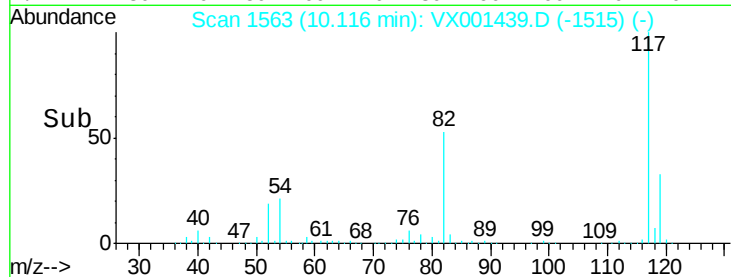
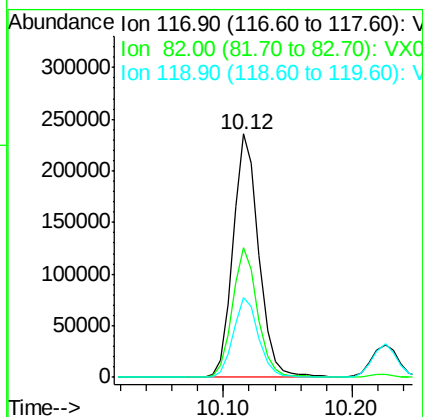
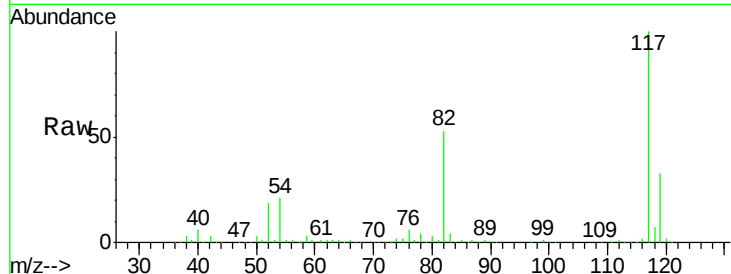
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.01 min
Lab File: VX001439.D
Acq: 06 May 2018 13:04

Instrument :
MSVOA_X
ClientSampleId :
VX0506WBS01

Tot Ion	Ratio	Lower	Upper
117	100		
82	53.1	40.0	60.0
119	32.6	25.8	38.8

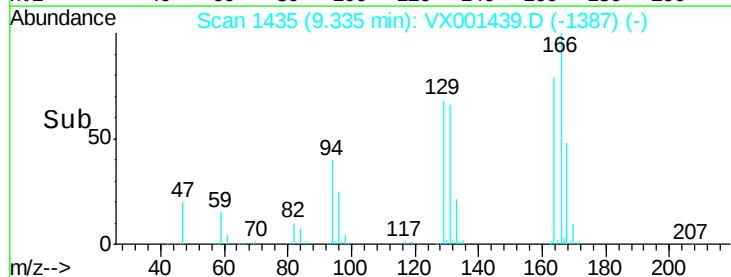
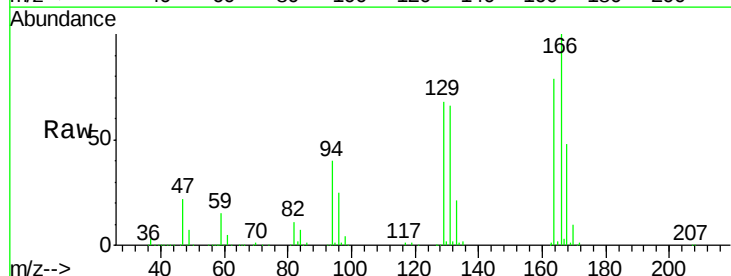
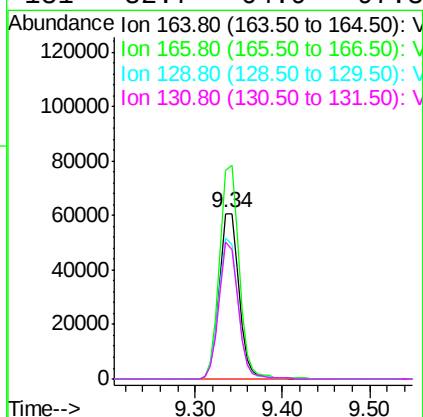
Manual Integrations
APPROVED

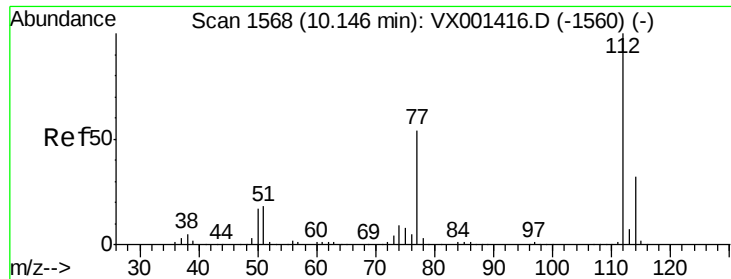
MMDadoda
5/18/2018 2:17:28 PM



#64
Tetrachloroethene
Concen: 20.65 ug/l
RT: 9.34 min Scan# 1435
Delta R.T. -0.01 min
Lab File: VX001439.D
Acq: 06 May 2018 13:04

Tgt Ion	Ratio	Lower	Upper
164	100		
166	126.2	103.5	155.3
129	85.3	66.7	100.1
131	82.7	64.9	97.3





#65

Chlorobenzene

Concen: 19.72 ug/l

RT: 10.14 min Scan# 1567

Delta R.T. -0.01 min

Lab File: VX001439.D

Acq: 06 May 2018 13:04

Instrument :

MSVOA_X

ClientSampled :

VX0506WBS01

Tot Ion:112 Resp: 190073

Ion Ratio Lower Upper

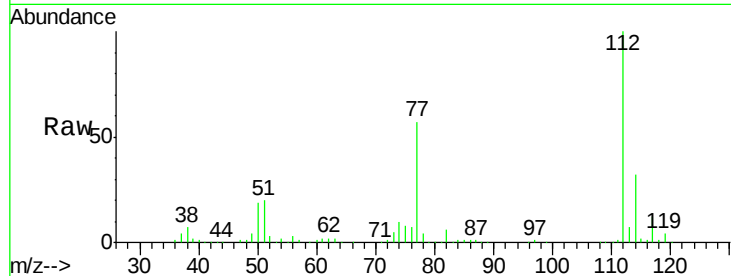
112 100

114 32.4 26.0 39.0

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

Ion 113.90 (113.60 to 114.60): V

10.14

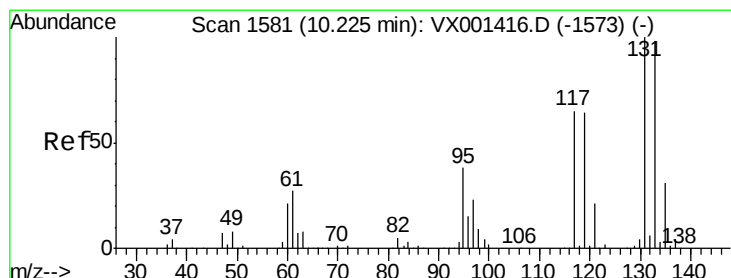
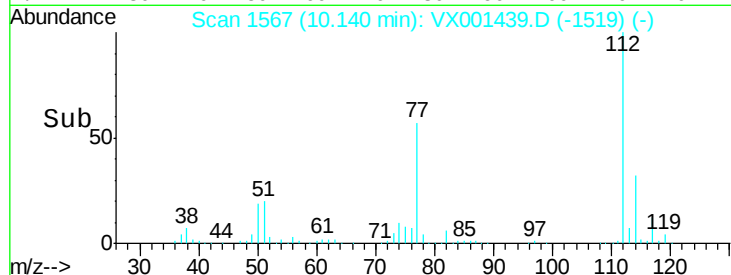
150000

100000

50000

0

Time--> 10.00 10.10 10.20 10.30



#66

1,1,1,2-Tetrachloroethane

Concen: 20.21 ug/l

RT: 10.23 min Scan# 1581

Delta R.T. 0.00 min

Lab File: VX001439.D

Acq: 06 May 2018 13:04

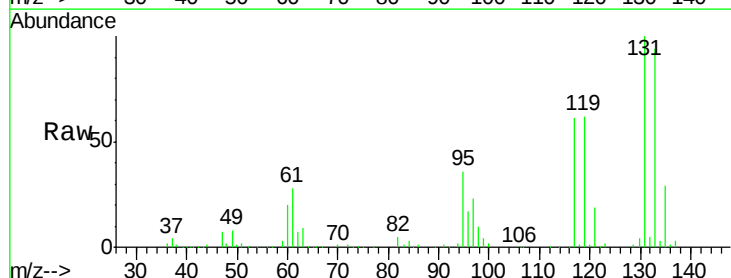
Tgt Ion:131 Resp: 69700

Ion Ratio Lower Upper

131 100

133 94.8 47.9 143.8

119 61.2 31.1 93.3



Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

10.23

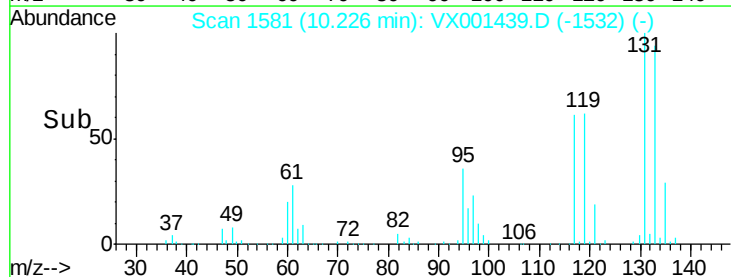
60000

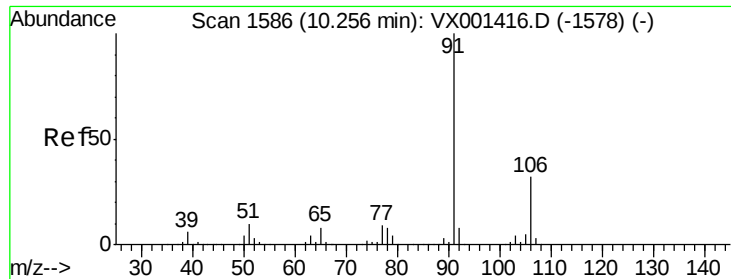
40000

20000

0

Time--> 10.15 10.20 10.25 10.30





#67

Ethyl Benzene

Concen: 19.79 ug/l

RT: 10.26 min Scan# 1586

Delta R.T. 0.00 min

Lab File: VX001439.D

Acq: 06 May 2018 13:04

Instrument :

MSVOA_X

ClientSampleId :

VX0506WBS01

Tot Ion: 91 Resp: 312765

Ion Ratio Lower Upper

91 100

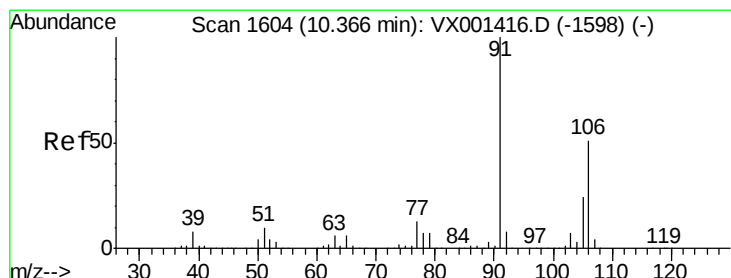
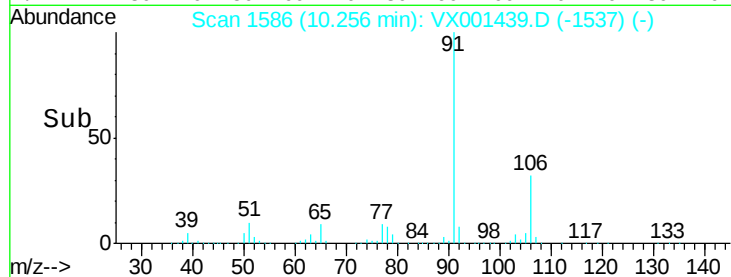
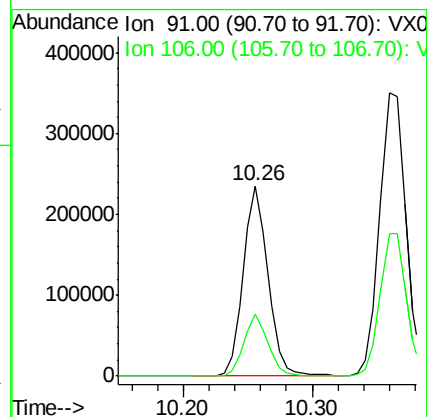
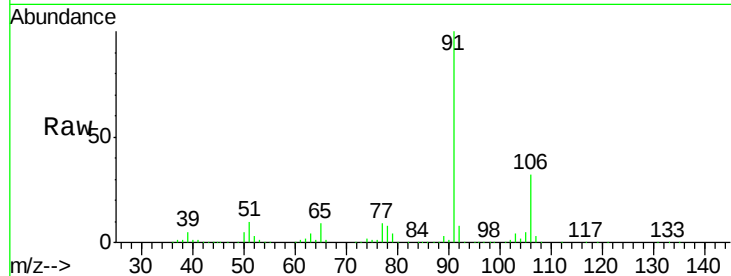
106 32.4 25.5 38.3

Manual Integrations

APPROVED

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5/18/2018 2:17:28 PM



#68

m/p-Xylenes

Concen: 40.50 ug/l

RT: 10.37 min Scan# 1604

Delta R.T. 0.00 min

Lab File: VX001439.D

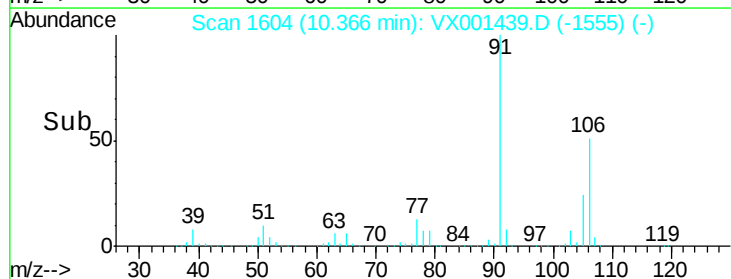
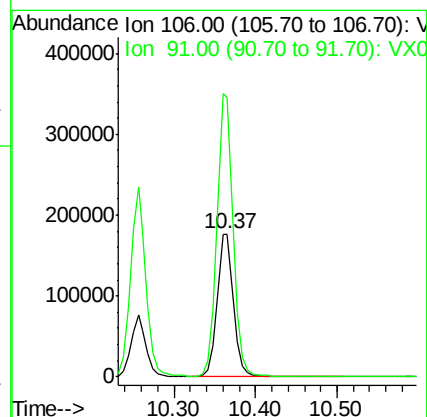
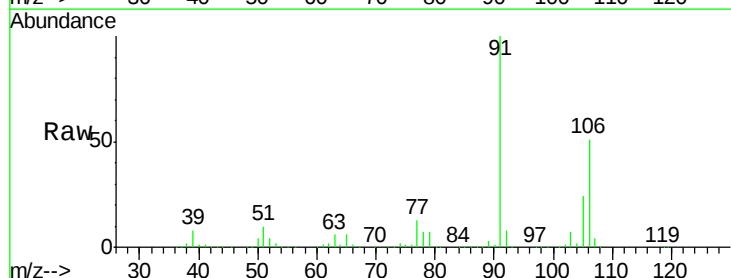
Acq: 06 May 2018 13:04

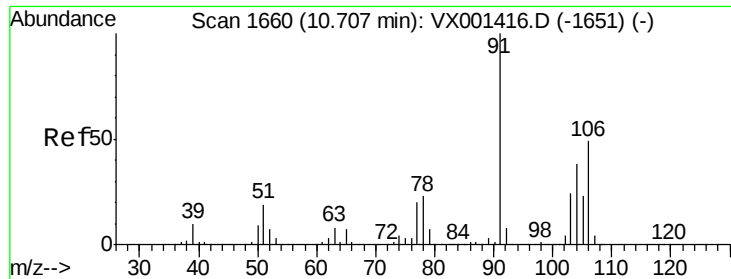
Tgt Ion: 106 Resp: 252887

Ion Ratio Lower Upper

106 100

91 197.1 157.5 236.3





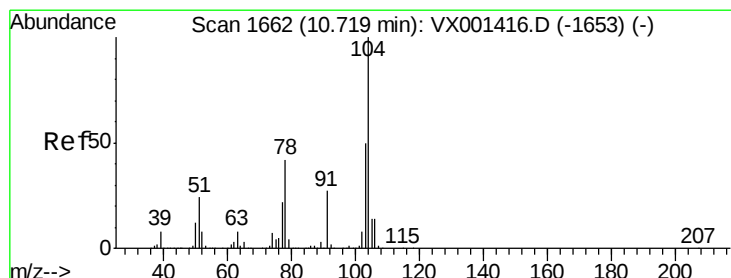
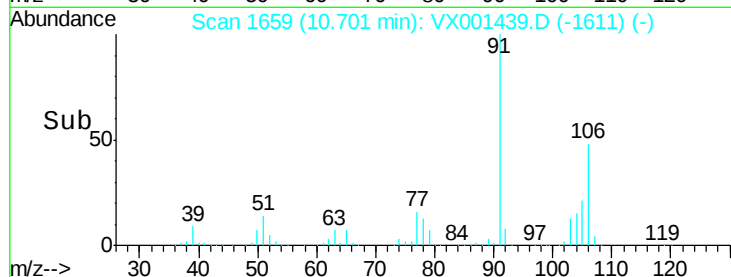
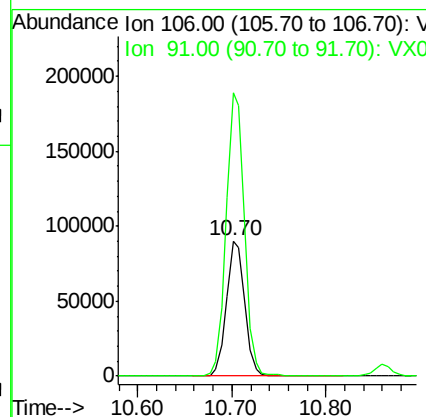
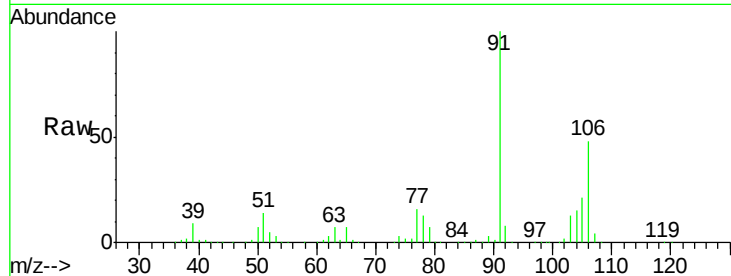
#69
o-Xylene
Concen: 19.93 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. -0.01 min
Lab File: VX001439.D
Acq: 06 May 2018 13:04

Instrument :
MSVOA_X
ClientSampled :
VX0506WBS01

Tot Ion:106 Resp: 120931
Ion Ratio Lower Upper
106 100
91 209.5 103.1 309.1

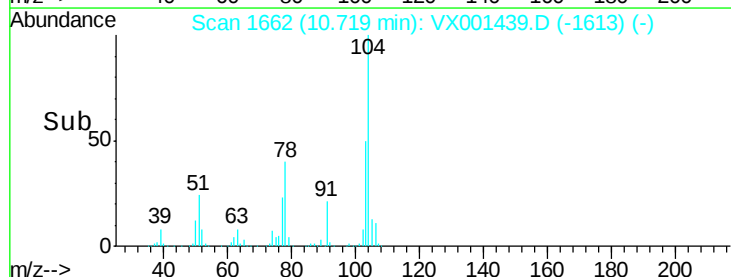
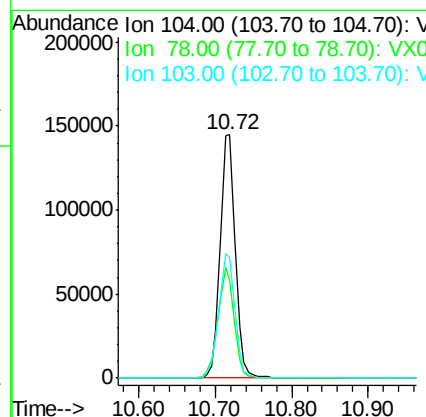
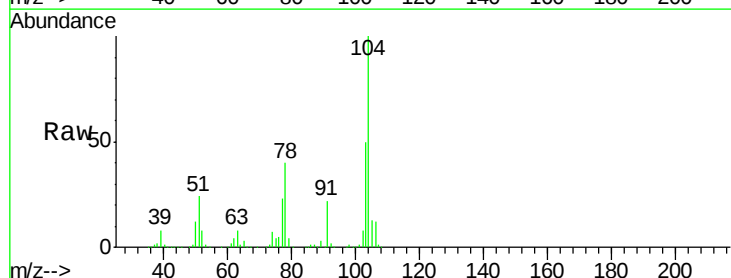
Manual Integrations
APPROVED

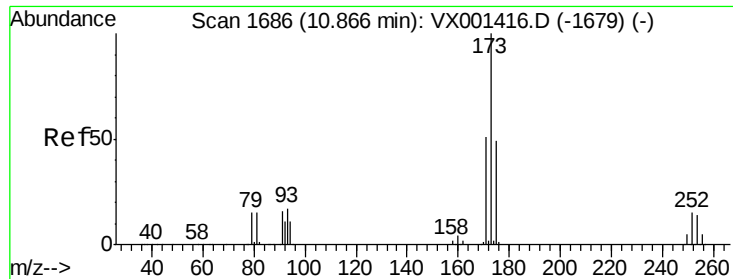
MMDadoda
5/18/2018 2:17:28 PM



#70
Styrene
Concen: 20.18 ug/l
RT: 10.72 min Scan# 1662
Delta R.T. 0.00 min
Lab File: VX001439.D
Acq: 06 May 2018 13:04

Tgt Ion:104 Resp: 198884
Ion Ratio Lower Upper
104 100
78 48.3 38.6 58.0
103 55.0 44.0 66.0





#71

Bromoform

Concen: 18.61 ug/l

RT: 10.86 min Scan# 1685

Delta R.T. -0.01 min

Lab File: VX001439.D

Acq: 06 May 2018 13:04

Instrument :

MSVOA_X

ClientSampleId :

VX0506WBS01

Tot Ion:173 Resp: 53709

Ion Ratio Lower Upper

173 100

175 47.9 24.5 73.5

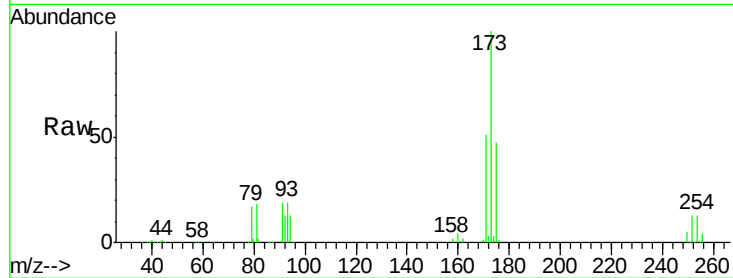
254 0.2 0.2 0.2

Manual Integrations

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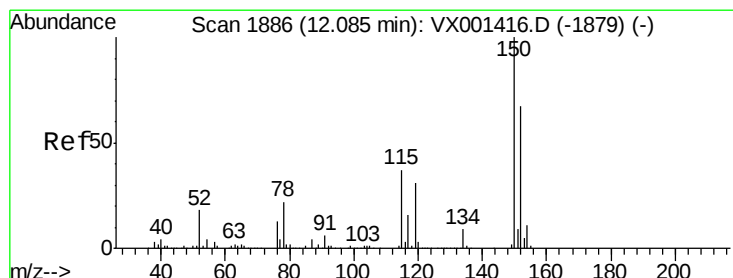
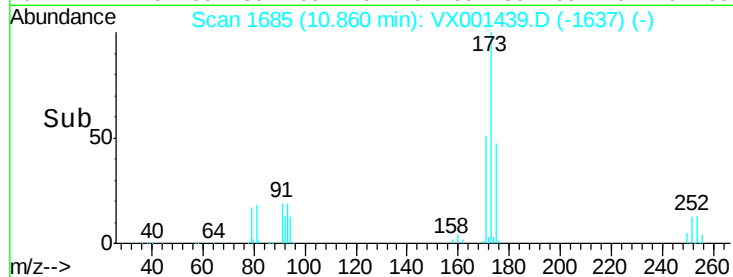
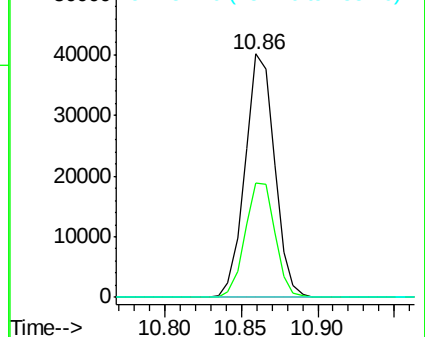
5/18/2018 2:17:28 PM



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.08 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX001439.D

Acq: 06 May 2018 13:04

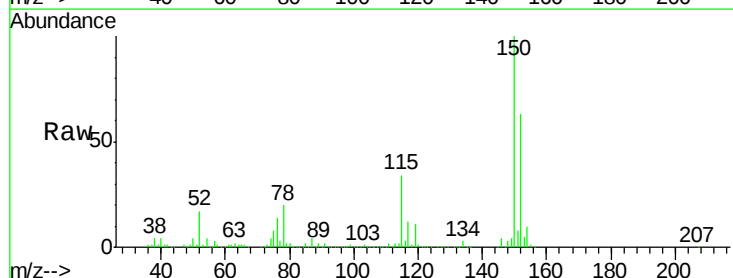
Tgt Ion:152 Resp: 235294

Ion Ratio Lower Upper

152 100

115 62.6 37.7 113.1

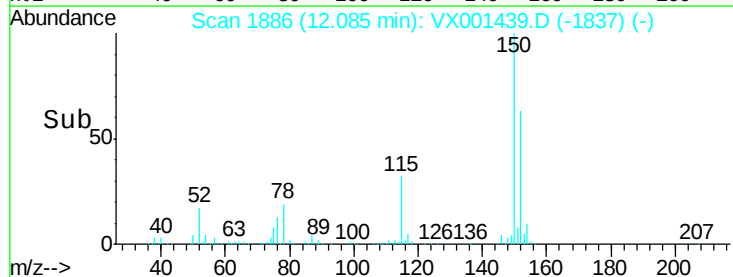
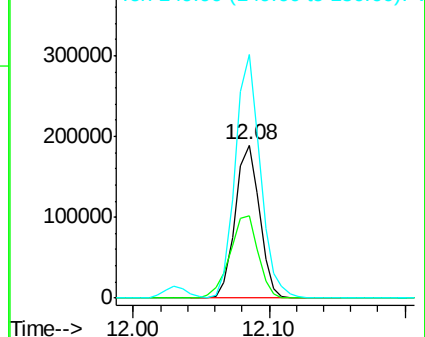
150 164.4 0.0 349.4

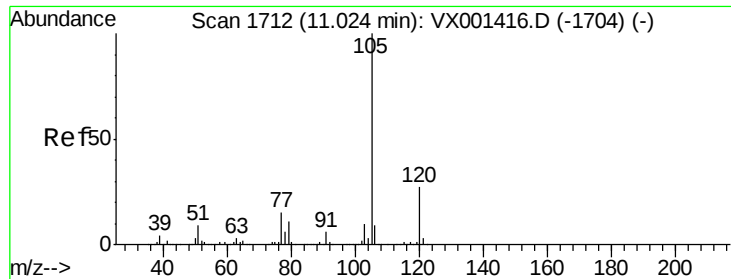


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 20.29 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. 0.00 min

Lab File: VX001439.D

Acq: 06 May 2018 13:04

Instrument :

MSVOA_X

ClientSampleId :

VX0506WBS01

Tot Ion:105 Resp: 330452

Ion Ratio Lower Upper

105 100

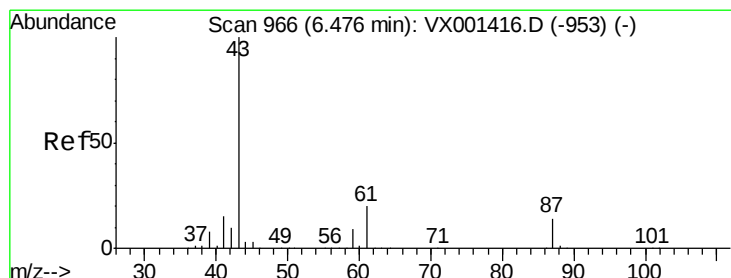
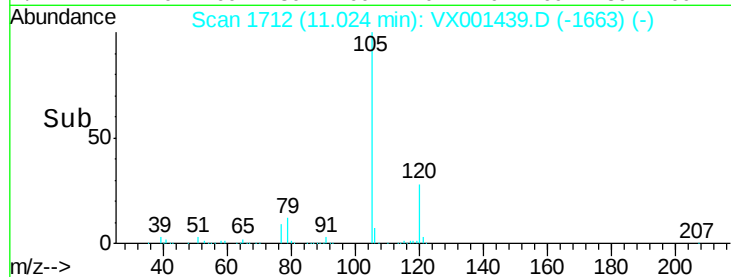
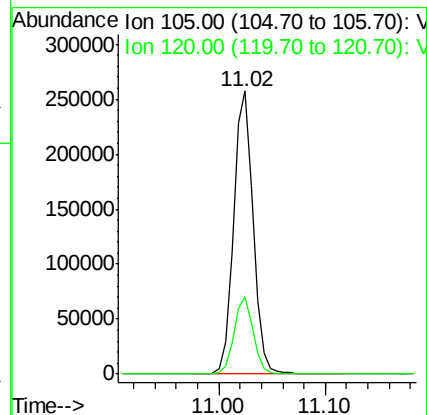
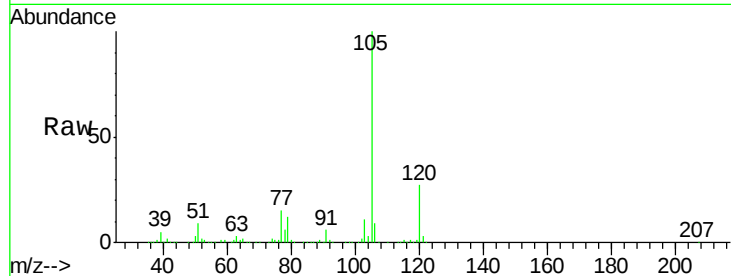
120 26.7 13.6 40.8

Manual Integrations

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5/18/2018 2:17:28 PM



#74

N-ethyl acetate

Concen: 20.02 ug/l

RT: 6.47 min Scan# 965

Delta R.T. -0.01 min

Lab File: VX001439.D

Acq: 06 May 2018 13:04

Tgt Ion: 43 Resp: 148152

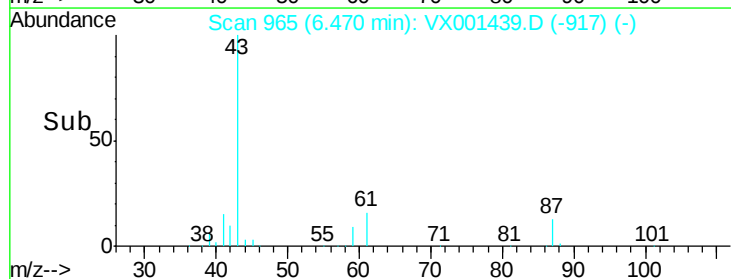
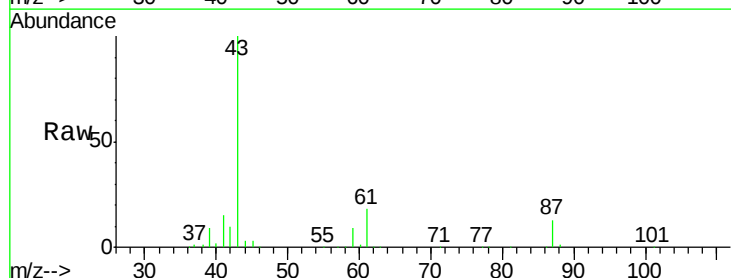
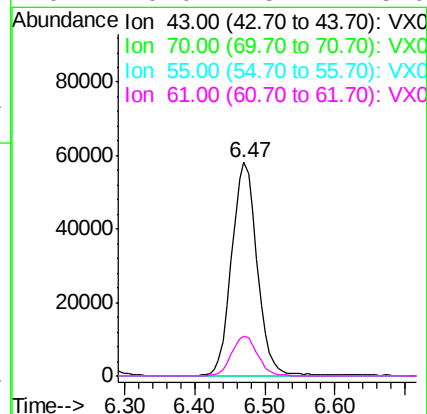
Ion Ratio Lower Upper

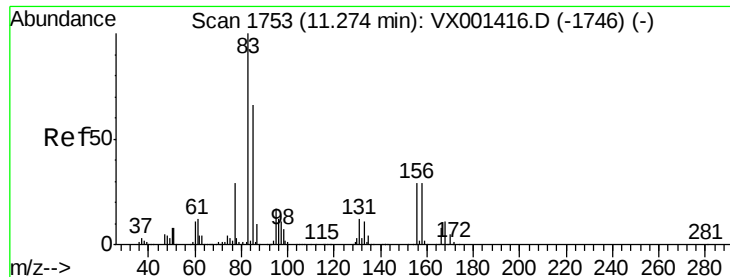
43 100

70 0.0 0.0 0.0

55 0.0 0.1 0.1#

61 19.0 15.4 23.0





#75

1,1,2,2-Tetrachloroethane

Concen: 19.06 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. 0.00 min

Lab File: VX001439.D

Acq: 06 May 2018 13:04

Instrument :

MSVOA_X

ClientSampleId :

VX0506WBS01

Tot Ion: 83 Resp: 91673

Ion Ratio Lower Upper

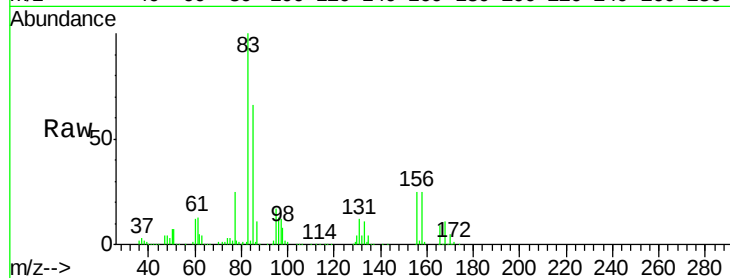
83 100

131 11.9 5.8 17.4

85 65.2 32.7 98.1

Manual Integrations
APPROVED

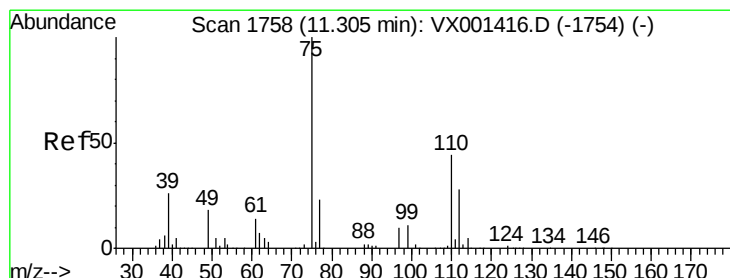
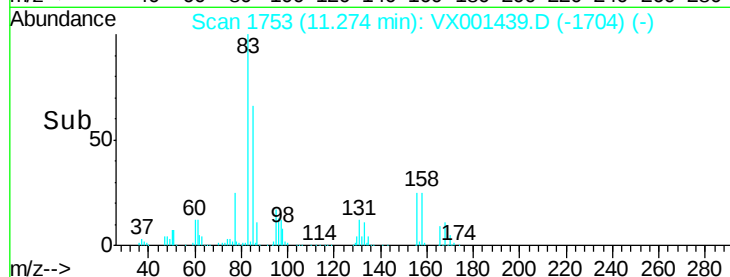
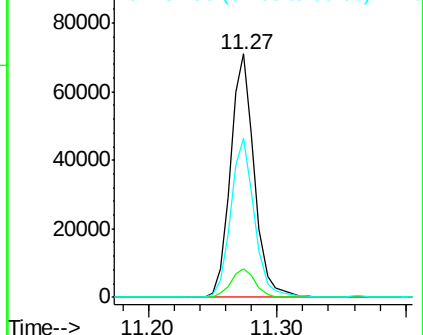
MMDadoda
5/18/2018 2:17:28 PM



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): VX0

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 19.74 ug/l m

RT: 11.30 min Scan# 1757

Delta R.T. -0.01 min

Lab File: VX001439.D

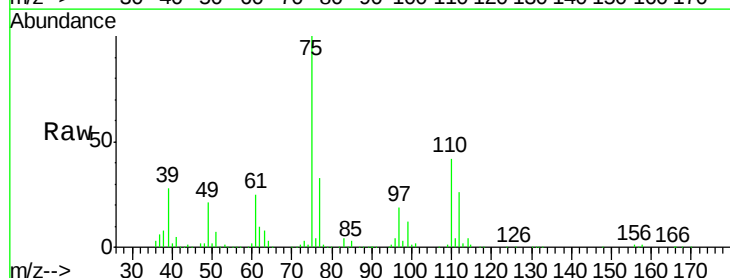
Acq: 06 May 2018 13:04

Tgt Ion: 75 Resp: 94205

Ion Ratio Lower Upper

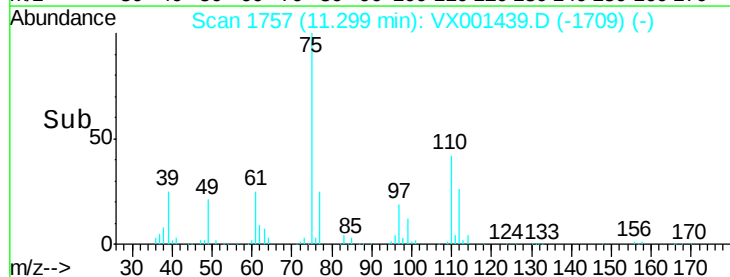
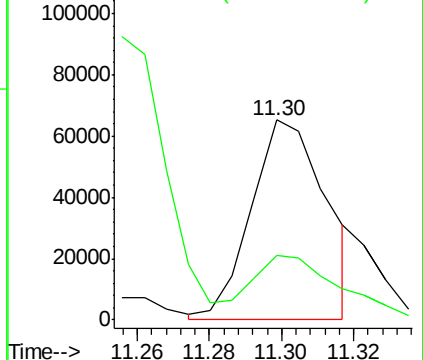
75 100

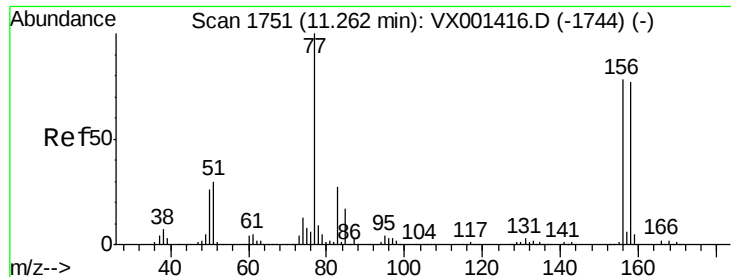
77 39.0 19.6 58.7



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 19.67 ug/l

RT: 11.26 min Scan# 1751

Delta R.T. 0.00 min

Lab File: VX001439.D

Acq: 06 May 2018 13:04

Instrument :

MSVOA_X

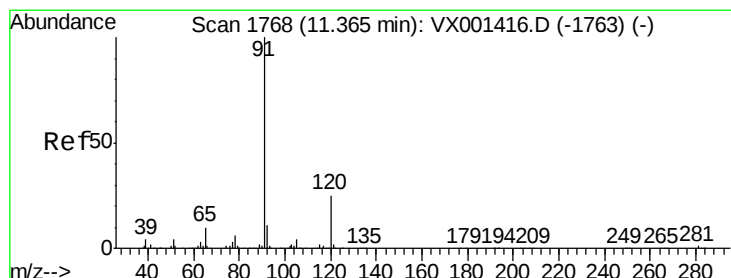
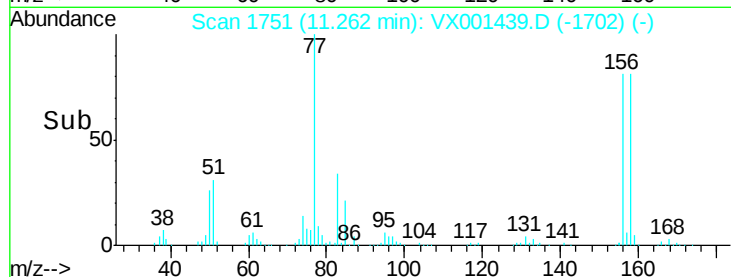
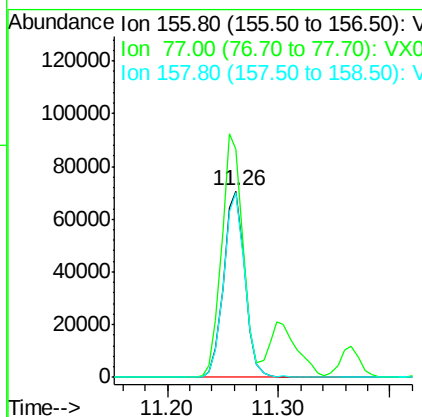
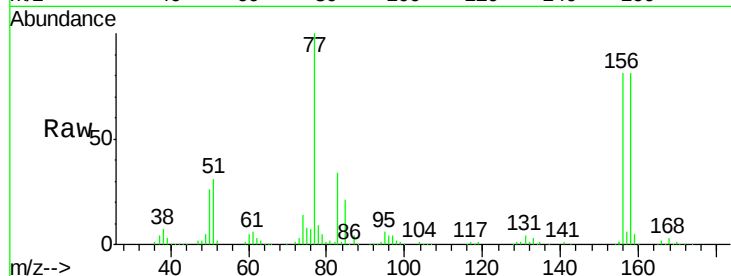
ClientSampleId :

VX0506WBS01

Tot Ion:	156	Resp:	93150
Ion Ratio	Lower	Upper	
156	100		
77	130.8	66.0	198.2
158	98.5	49.4	148.2

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#78

n-propylbenzene

Concen: 20.76 ug/l

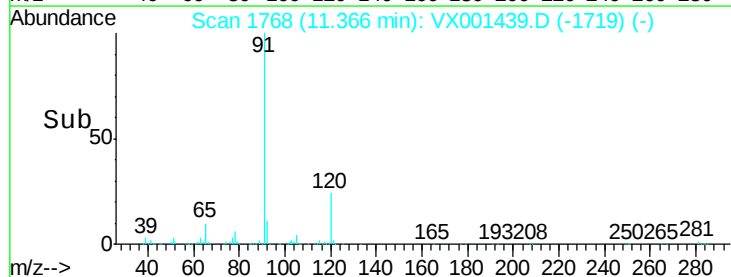
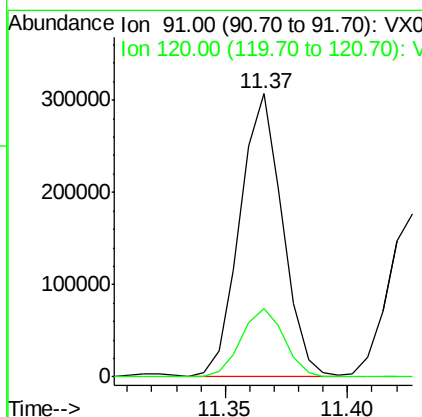
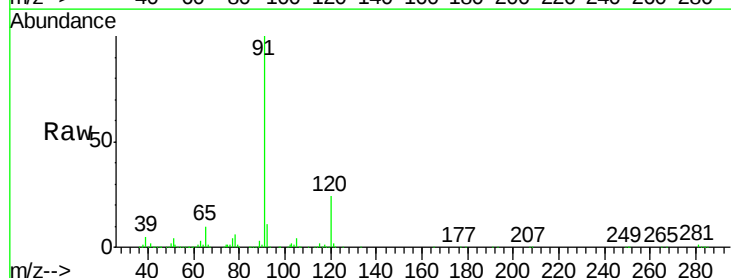
RT: 11.37 min Scan# 1768

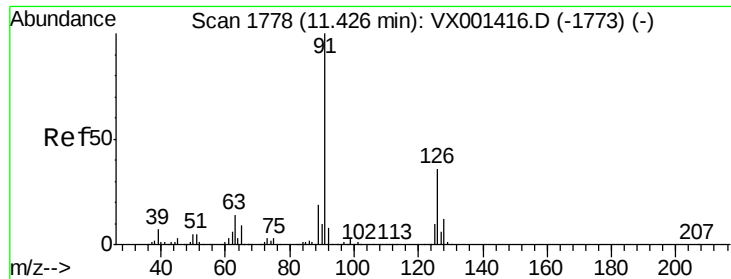
Delta R.T. 0.00 min

Lab File: VX001439.D

Acq: 06 May 2018 13:04

Tgt Ion:	91	Resp:	368211
Ion Ratio	Lower	Upper	
91	100		
120	24.5	12.5	37.5





#79

2-Chlorotoluene

Concen: 20.22 ug/l

RT: 11.43 min Scan# 1778

Delta R.T. 0.00 min

Lab File: VX001439.D

Acq: 06 May 2018 13:04

Instrument :

MSVOA_X

ClientSampleId :

VX0506WBS01

Tot Ion: 91 Resp: 220692

Ion Ratio Lower Upper

91 100

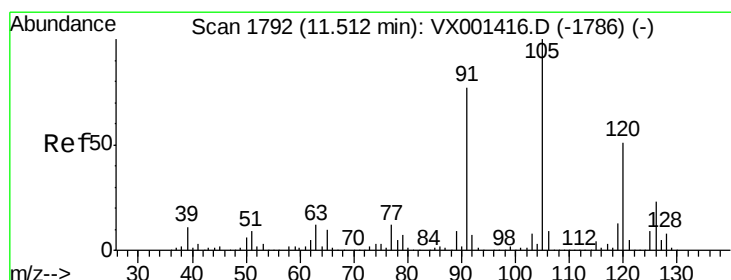
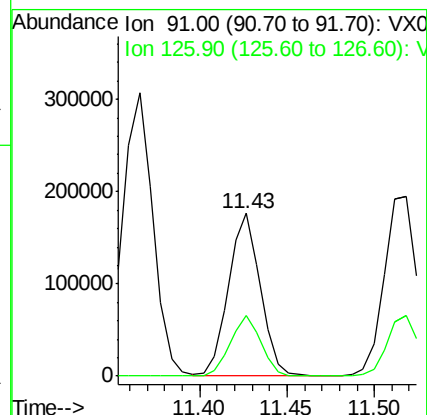
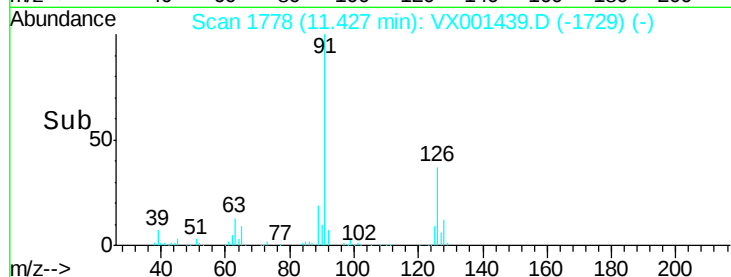
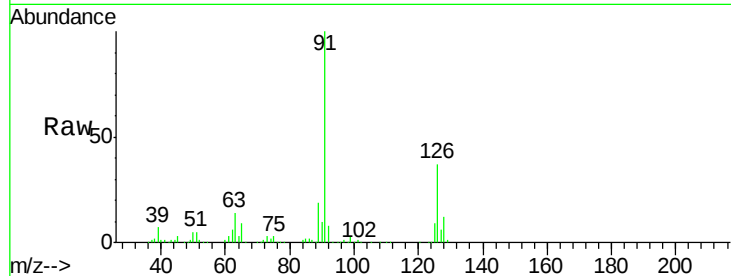
126 36.4 18.1 54.4

Manual Integrations

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#80

1,3,5-Trimethylbenzene

Concen: 20.58 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX001439.D

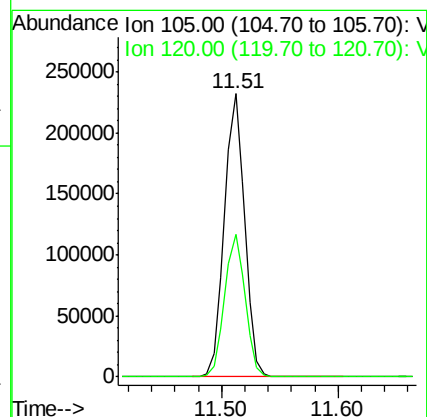
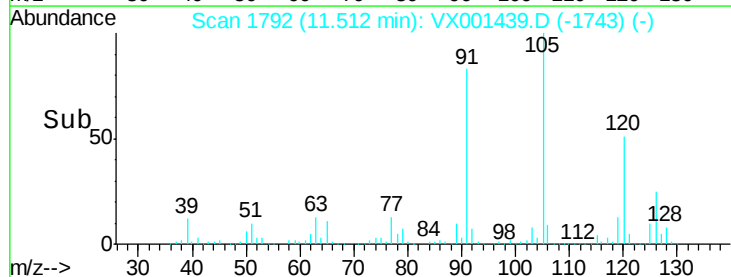
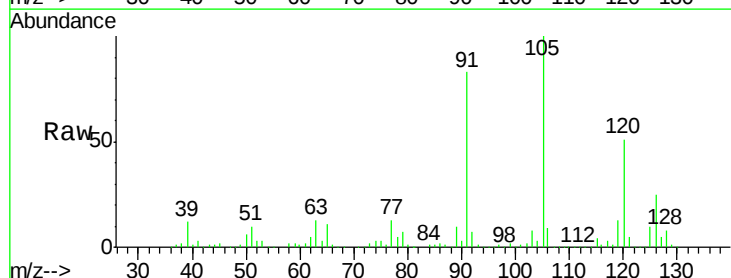
Acq: 06 May 2018 13:04

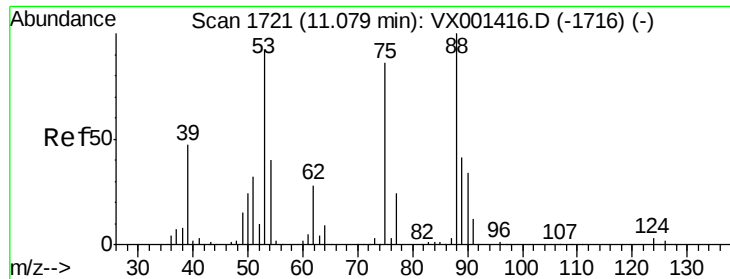
Tgt Ion: 105 Resp: 279088

Ion Ratio Lower Upper

105 100

120 50.9 25.7 77.1





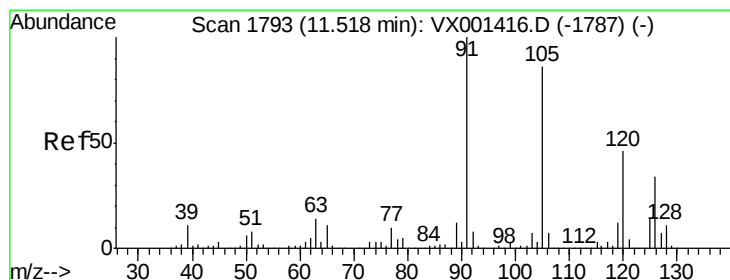
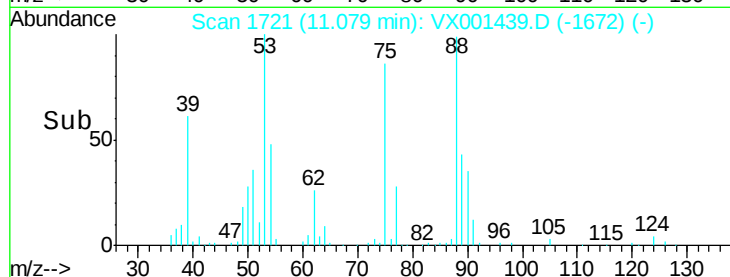
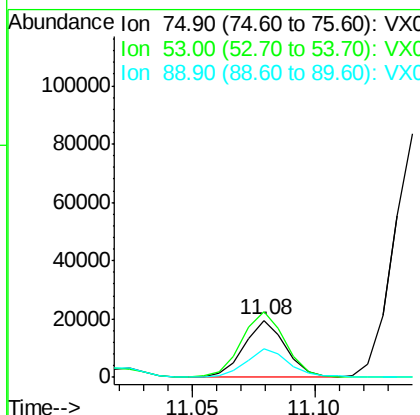
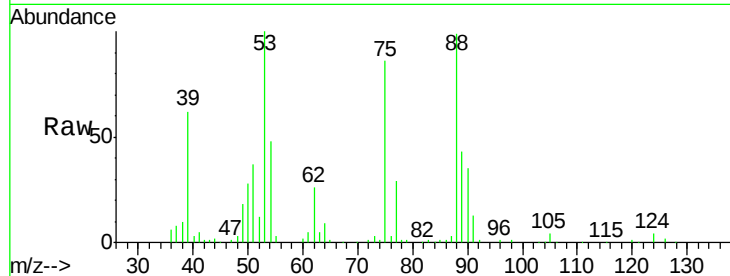
#81
trans-1,4-Dichloro-2-butene
Concen: 18.08 ug/l
RT: 11.08 min Scan# 1721
Delta R.T. 0.00 min
Lab File: VX001439.D
Acq: 06 May 2018 13:04

Instrument :
MSVOA_X
ClientSampleId :
VX0506WBS01

Tot Ion	Ratio	Lower	Upper
75	100		
53	122.0	84.5	126.7
89	53.2	39.5	59.3

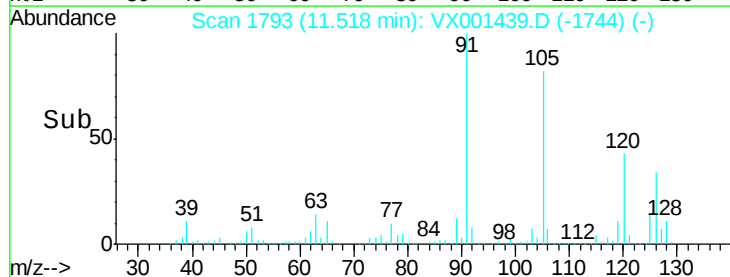
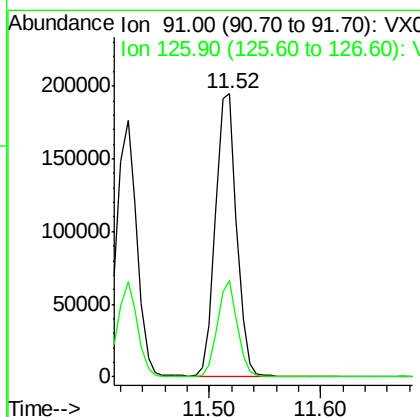
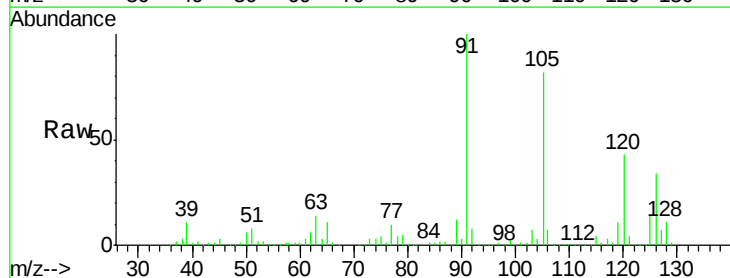
Manual Integrations
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#82
4-Chlorotoluene
Concen: 20.43 ug/l
RT: 11.52 min Scan# 1793
Delta R.T. 0.00 min
Lab File: VX001439.D
Acq: 06 May 2018 13:04

Tgt Ion	Ratio	Lower	Upper
91	100		
126	31.8	16.2	48.5





#83

tert-Butylbenzene

Concen: 19.91 ug/l

RT: 11.77 min Scan# 1835

Delta R.T. 0.00 min

Lab File: VX001439.D

Acq: 06 May 2018 13:04

Instrument :

MSVOA_X

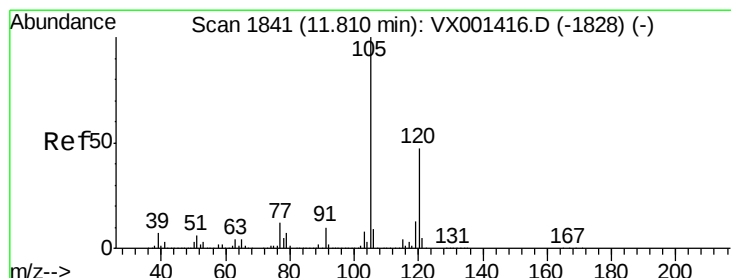
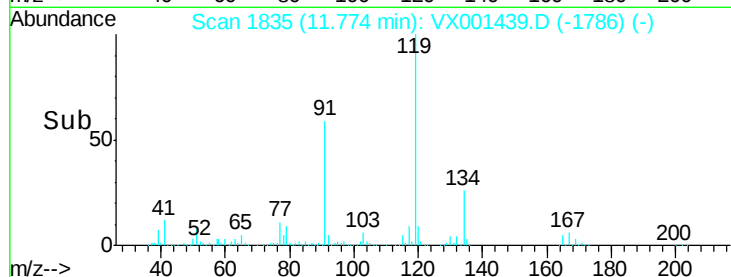
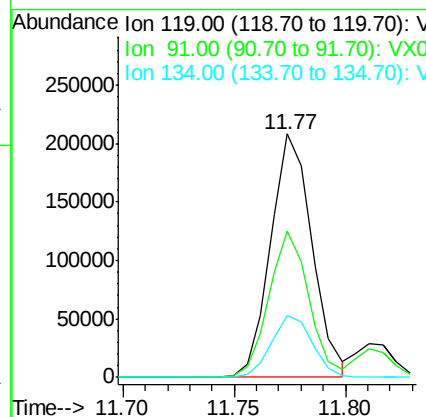
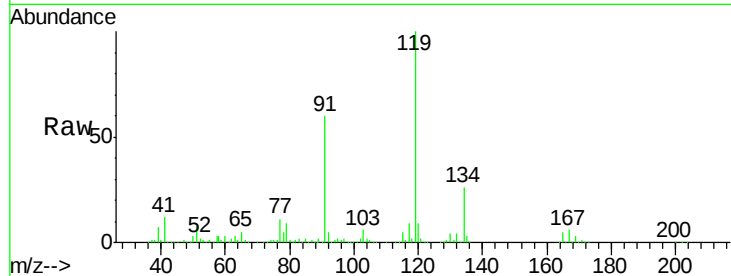
ClientSampleId :

VX0506WBS01

Tot Ion:	119	Resp:	268690
Ion Ratio	Lower	Upper	
119	100		
91	57.7	27.8	83.3
134	25.3	12.4	37.0

Manual Integrations
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#84

1,2,4-Trimethylbenzene

Concen: 20.55 ug/l

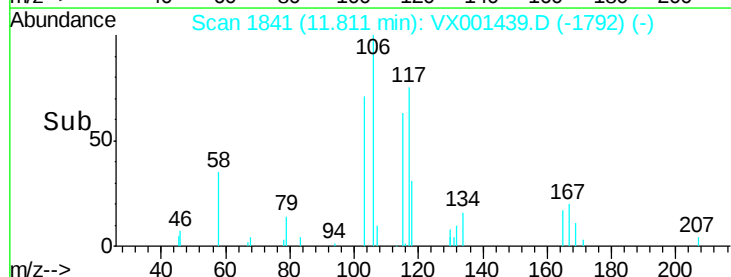
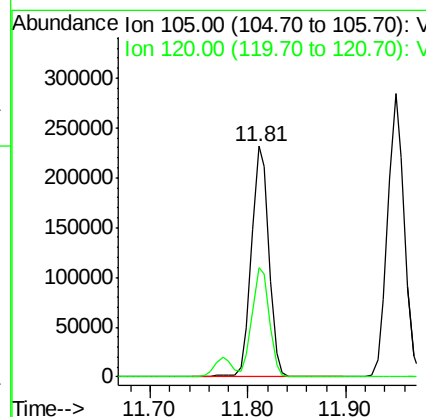
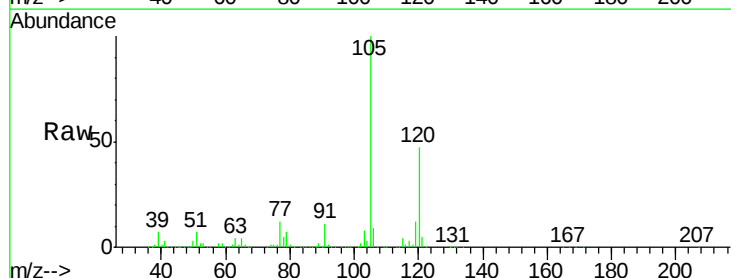
RT: 11.81 min Scan# 1841

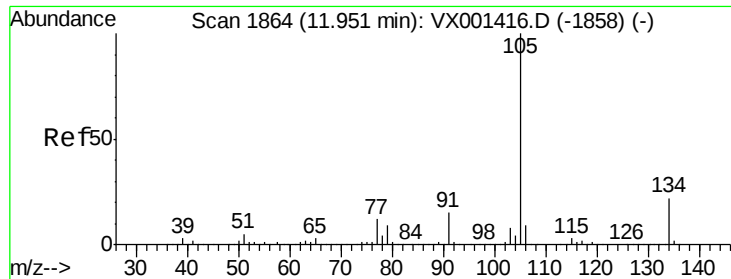
Delta R.T. 0.00 min

Lab File: VX001439.D

Acq: 06 May 2018 13:04

Tgt Ion:	105	Resp:	286492
Ion Ratio	Lower	Upper	
105	100		
120	46.8	23.4	70.2





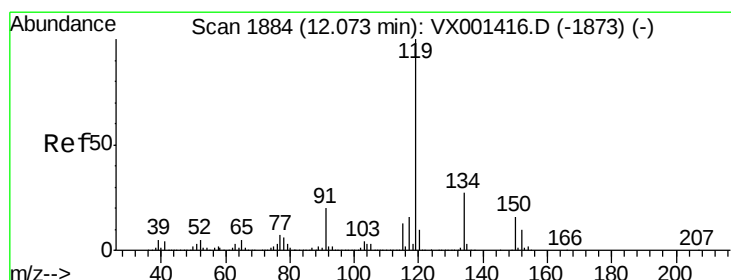
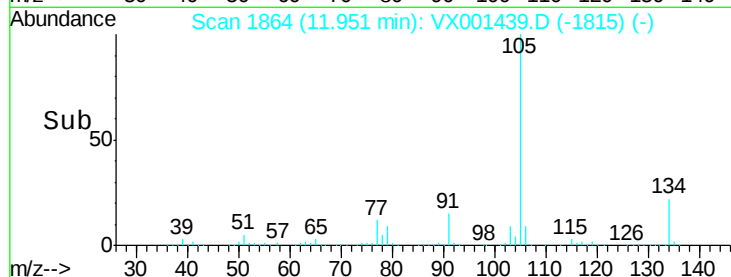
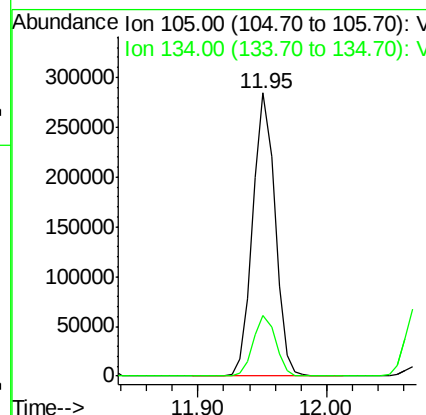
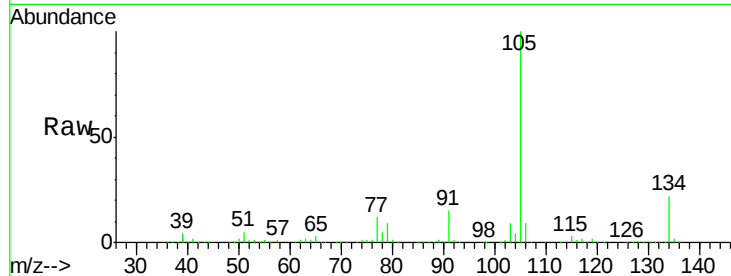
#85
 sec-Butylbenzene
 Concen: 20.77 ug/l
 RT: 11.95 min Scan# 1864
 Delta R.T. 0.00 min
 Lab File: VX001439.D
 Acq: 06 May 2018 13:04

Instrument :
 MSVOA_X
 ClientSampled :
 VX0506WBS01

Tot Ion:105 Resp: 336478
 Ion Ratio Lower Upper
 105 100
 134 21.8 10.9 32.9

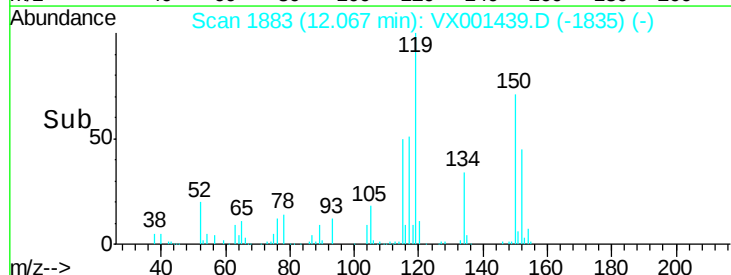
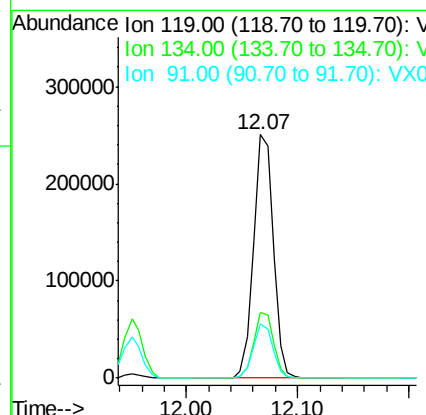
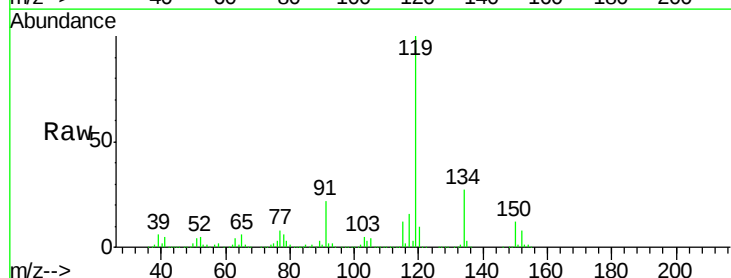
Manual Integrations
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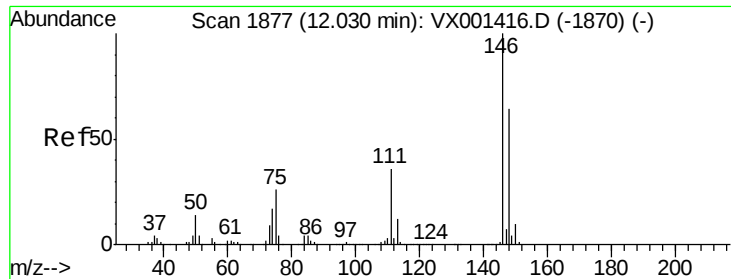
MMDadoda
 5/18/2018 2:17:28 PM



#86
 p-Isopropyltoluene
 Concen: 20.84 ug/l
 RT: 12.07 min Scan# 1883
 Delta R.T. -0.01 min
 Lab File: VX001439.D
 Acq: 06 May 2018 13:04

Tgt Ion:119 Resp: 309658
 Ion Ratio Lower Upper
 119 100
 134 27.2 13.6 40.8
 91 22.2 10.8 32.3





#87

1,3-Dichlorobenzene

Concen: 20.24 ug/l

RT: 12.03 min Scan# 1877

Delta R.T. 0.00 min

Lab File: VX001439.D

Acq: 06 May 2018 13:04

Instrument :

MSVOA_X

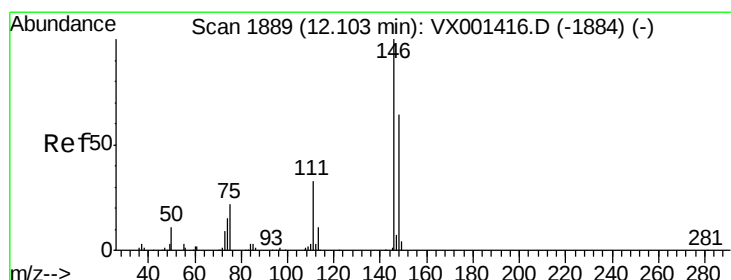
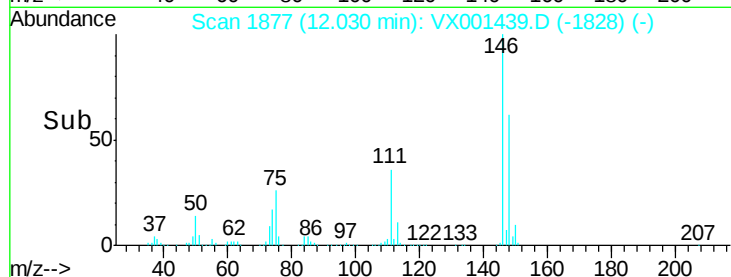
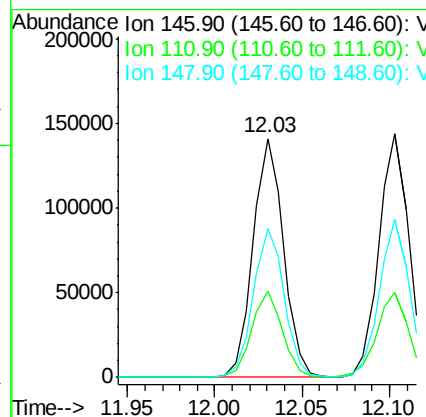
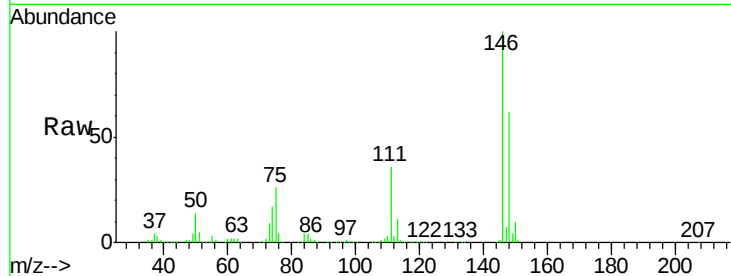
ClientSampleId :

VX0506WBS01

Tot Ion:	146	Resp:	171352
Ion Ratio	Lower	Upper	
146	100		
111	35.8	18.1	54.1
148	63.0	32.1	96.5

Manual Integrations
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#88

1,4-Dichlorobenzene

Concen: 19.86 ug/l

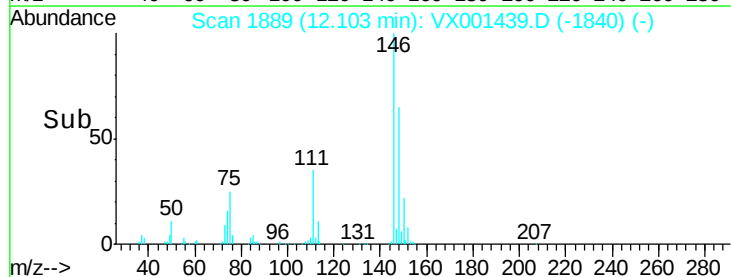
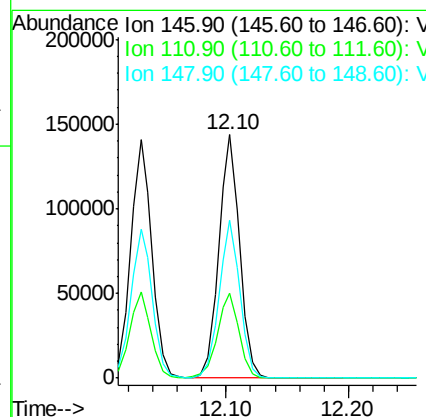
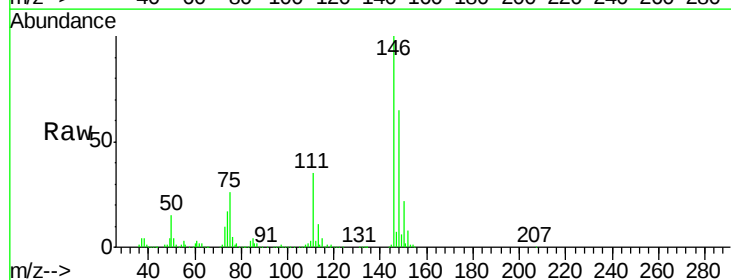
RT: 12.10 min Scan# 1889

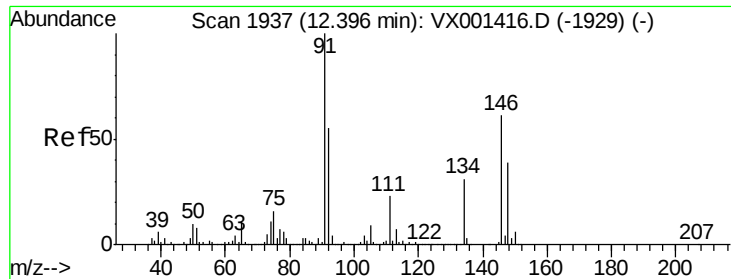
Delta R.T. 0.00 min

Lab File: VX001439.D

Acq: 06 May 2018 13:04

Tgt Ion:	146	Resp:	171497
Ion Ratio	Lower	Upper	
146	100		
111	36.6	17.4	52.3
148	64.8	32.2	96.6





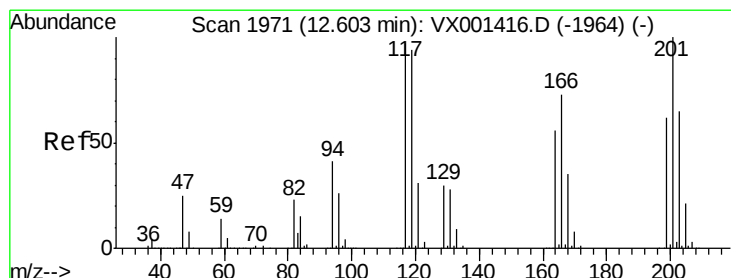
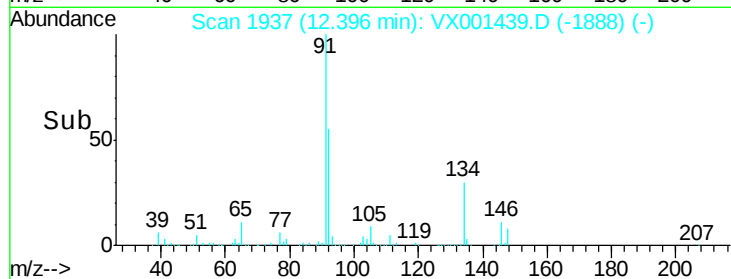
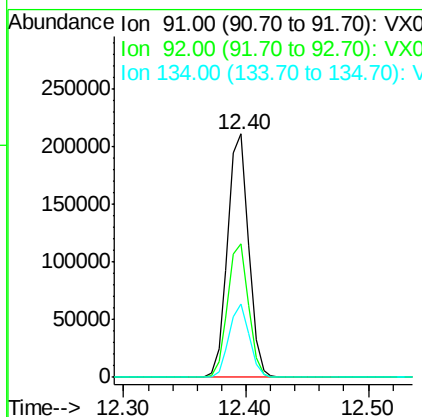
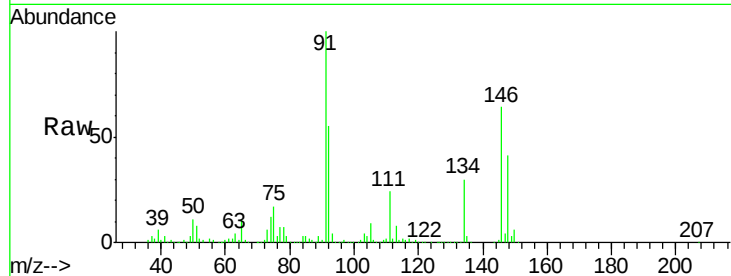
#89
n-Butylbenzene
Concen: 20.35 ug/l
RT: 12.40 min Scan# 1937
Delta R.T. 0.00 min
Lab File: VX001439.D
Acq: 06 May 2018 13:04

Instrument :
MSVOA_X
ClientSampleId :
VX0506WBS01

Tot Ion	Ratio	Resp	Lower	Upper
91	100	250558		
92	54.7		27.2	81.5
134	28.9		14.6	44.0

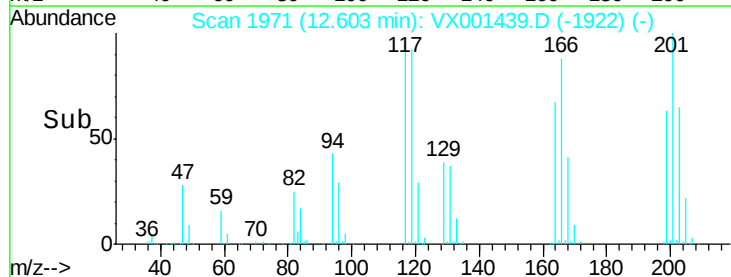
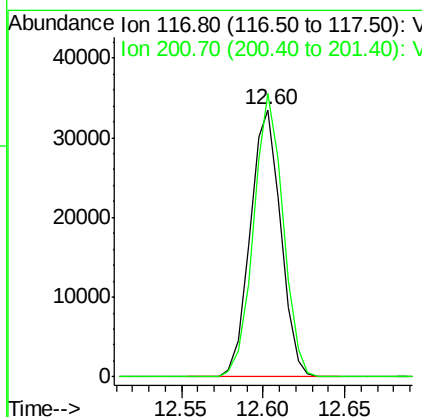
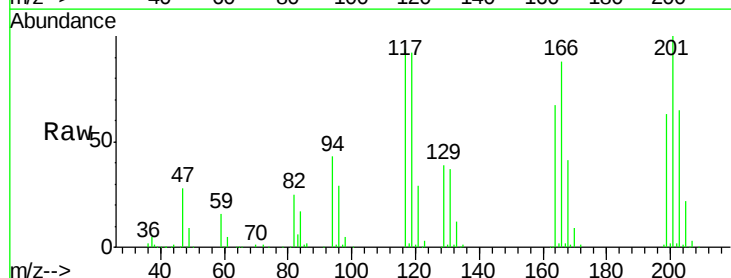
Manual Integrations
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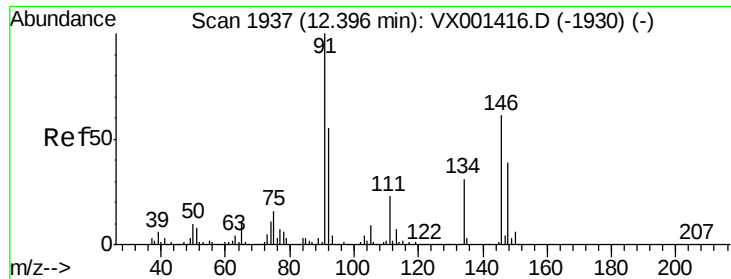
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#90
Hexachloroethane
Concen: 19.53 ug/l
RT: 12.60 min Scan# 1971
Delta R.T. 0.00 min
Lab File: VX001439.D
Acq: 06 May 2018 13:04

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	43689		
201	102.2		51.5	154.5





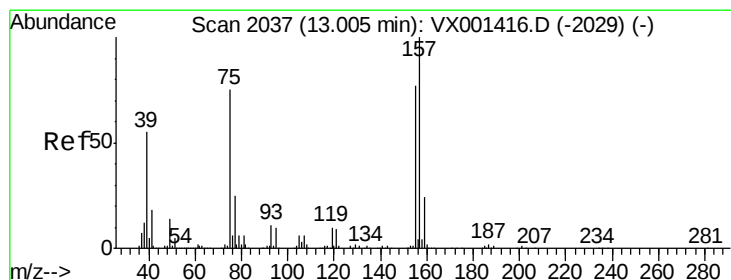
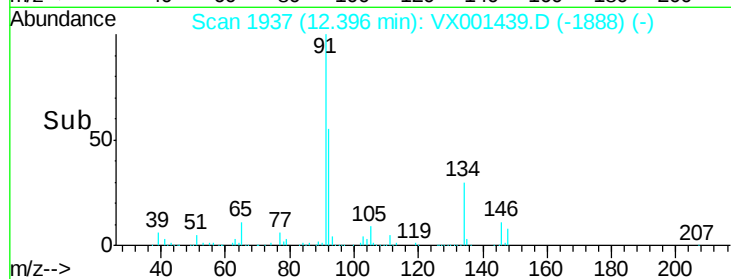
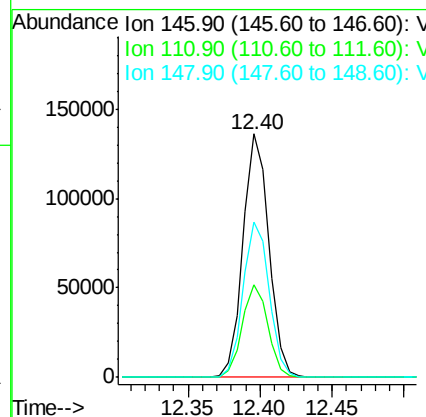
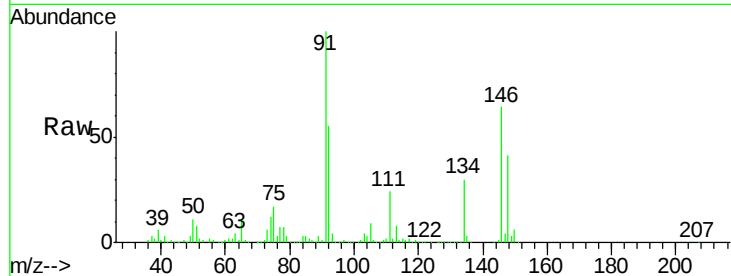
#91
 1,2-Dichlorobenzene
 Concen: 19.80 ug/l
 RT: 12.40 min Scan# 1937
 Delta R.T. 0.00 min
 Lab File: VX001439.D
 Acq: 06 May 2018 13:04

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0506WBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.7	18.6	55.8
148	64.3	32.1	96.5

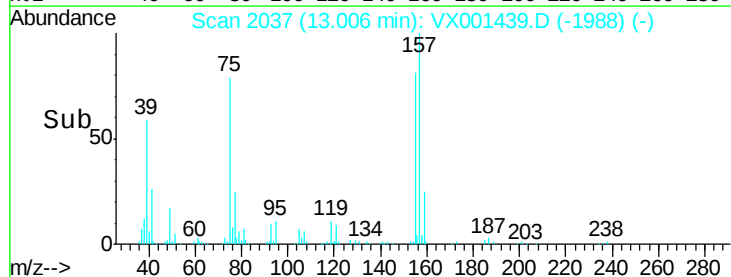
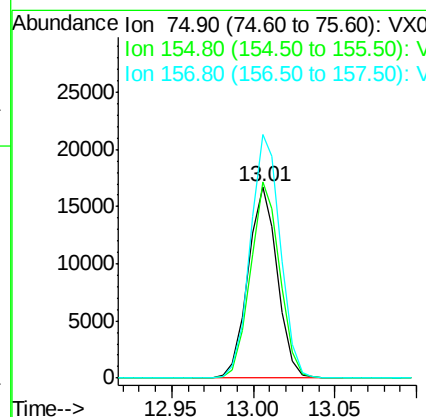
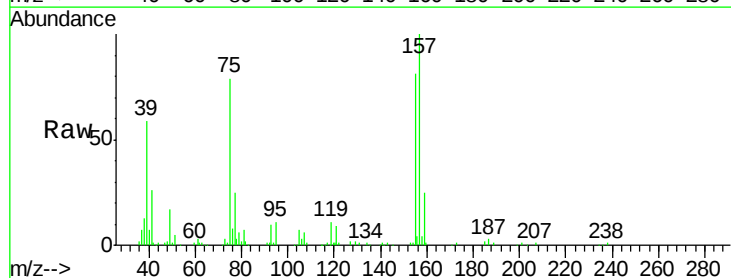
Manual Integrations
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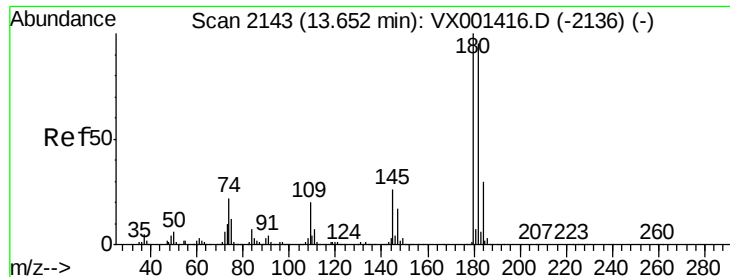
MMDadoda
 5/18/2018 2:17:28 PM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 19.79 ug/l
 RT: 13.01 min Scan# 2037
 Delta R.T. 0.00 min
 Lab File: VX001439.D
 Acq: 06 May 2018 13:04

Tgt Ion	Ratio	Lower	Upper
75	100		
155	102.7	53.4	160.2
157	130.3	68.3	204.8





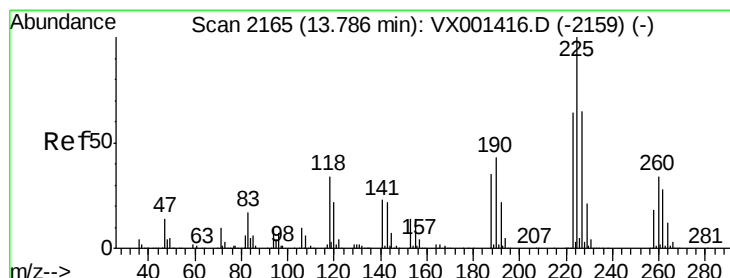
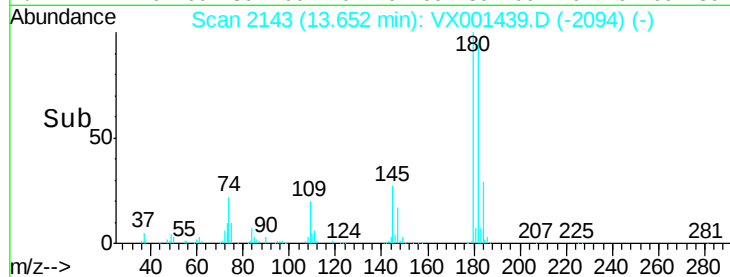
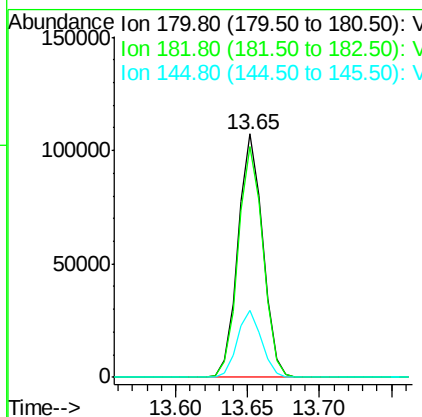
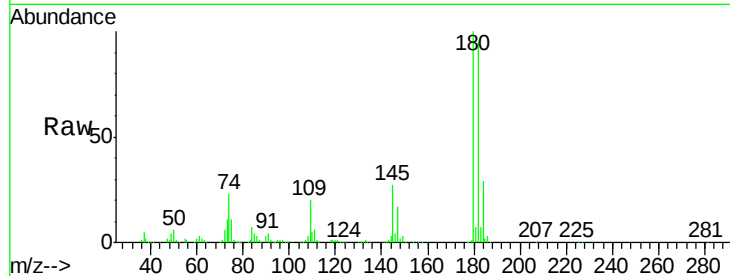
#93
 1,2,4-Trichlorobenzene
 Concen: 20.33 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. 0.00 min
 Lab File: VX001439.D
 Acq: 06 May 2018 13:04

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0506WBS01

Tot Ion	Ratio	Resp	Lower	Upper
180	100	128145		
182	95.2	47.8	143.4	
145	26.9	13.3	39.9	

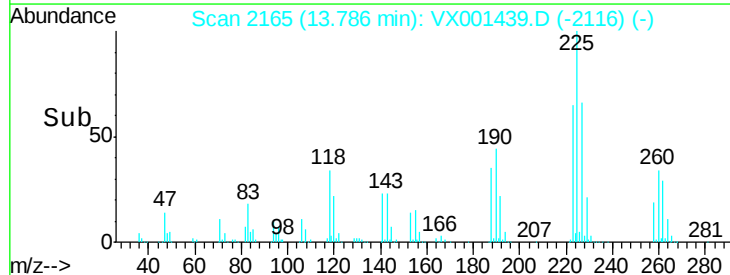
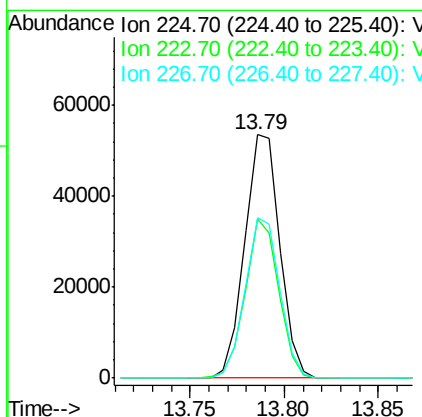
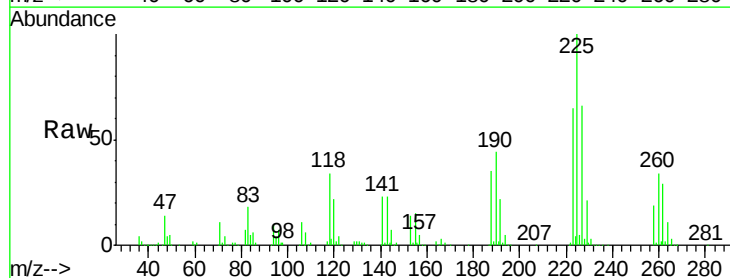
Manual Integrations
 APPROVED

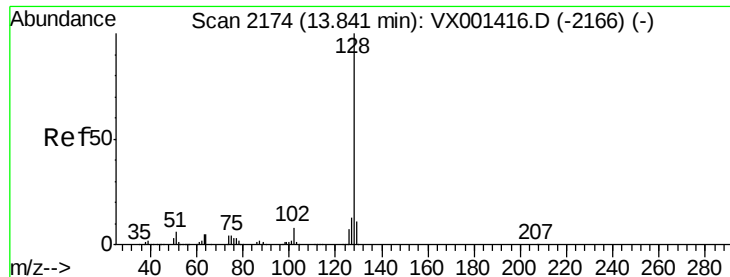
MMDadoda
 5/18/2018 2:17:28 PM



#94
 Hexachlorobutadiene
 Concen: 20.08 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. 0.00 min
 Lab File: VX001439.D
 Acq: 06 May 2018 13:04

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	69257		
223	62.2	31.3	93.9	
227	64.9	32.4	97.2	





#95

Naphthalene

Concen: 20.12 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. 0.00 min

Lab File: VX001439.D

Acq: 06 May 2018 13:04

Instrument :

MSVOA_X

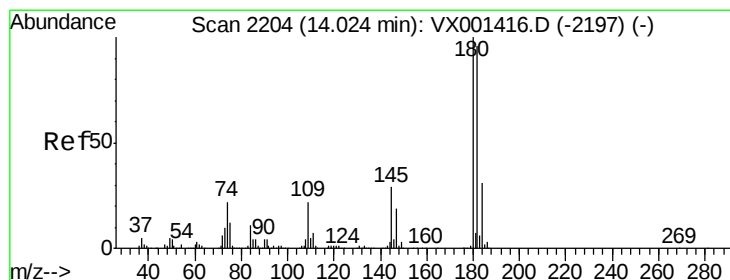
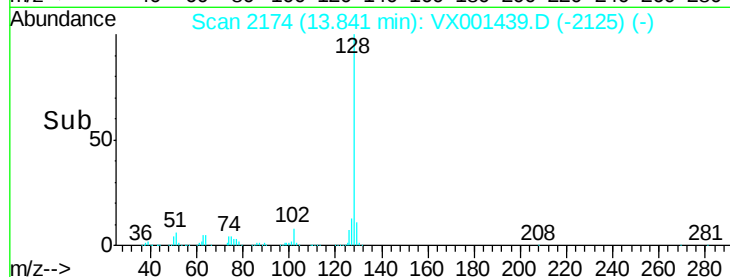
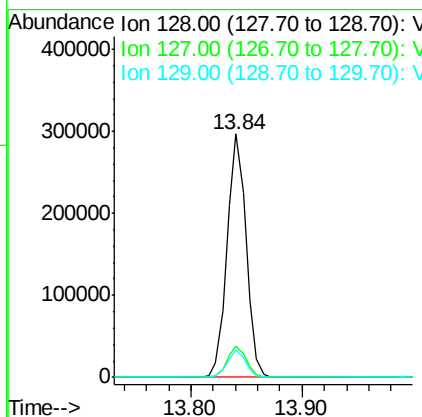
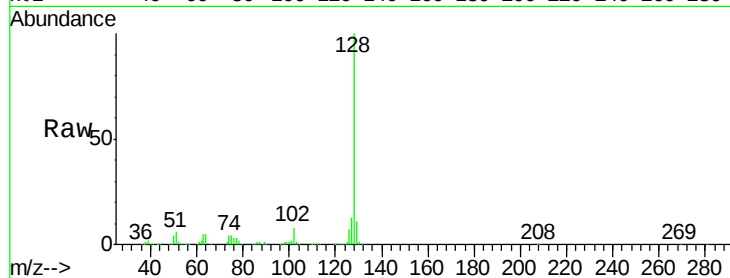
ClientSampleId :

VX0506WBS01

Tot Ion:	128	Resp:	350762
Ion Ratio	Lower	Upper	
128	100		
127	12.9	10.4	15.6
129	10.9	8.7	13.1

Manual Integrations
APPROVED

MMDadoda
5/18/2018 2:17:28 PM



#96

1,2,3-Trichlorobenzene

Concen: 20.42 ug/l

RT: 14.02 min Scan# 2204

Delta R.T. 0.00 min

Lab File: VX001439.D

Acq: 06 May 2018 13:04

Tgt Ion:	180	Resp:	132064
Ion Ratio	Lower	Upper	
180	100		
182	94.6	48.0	144.2
145	28.1	14.1	42.4

