

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX121018\
 Data File : VX006384.D
 Acq On : 10 Dec 2018 21:32
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 12/11/2018 10:54:30 AM

Quant Time: Dec 11 04:53:17 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112918W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 30 03:55:33 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	574592	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	896284	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	819413	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	425435	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	303894	51.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.62%	
35) Dibromofluoromethane	5.51	113	291169	50.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.34%	
50) Toluene-d8	8.71	98	1039291	49.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.48%	
62) 4-Bromofluorobenzene	11.13	95	402361	50.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.16%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	288910	51.352	ug/l	99
3) Chloromethane	1.33	50	269912	46.685	ug/l	98
4) Vinyl Chloride	1.41	62	301725	48.490	ug/l	98
5) Bromomethane	1.64	94	248420	57.607	ug/l	96
6) Chloroethane	1.72	64	189107	49.567	ug/l	99
7) Trichlorofluoromethane	1.93	101	477058	49.946	ug/l	100
8) Diethyl Ether	2.19	74	181603	50.237	ug/l	93
9) 1,1,2-Trichlorotrifluoroet	2.39	101	275189	50.668	ug/l	99
10) Methyl Iodide	2.51	142	418636	51.147	ug/l	99
11) Tert butyl alcohol	3.07	59	384175	239.492	ug/l	100
12) 1,1-Dichloroethene	2.37	96	257974	49.617	ug/l	96
13) Acrolein	2.30	56	204763	233.546	ug/l	99
14) Allyl chloride	2.73	41	460853	44.871	ug/l	99
15) Acrylonitrile	3.15	53	831303	248.341	ug/l	99
16) Acetone	2.45	43	683385	248.258	ug/l	96
17) Carbon Disulfide	2.57	76	668843	41.747	ug/l	100
18) Methyl Acetate	2.78	43	478662	51.997	ug/l	96
19) Methyl tert-butyl Ether	3.20	73	933479	50.328	ug/l	98
20) Methylene Chloride	2.86	84	291838	49.815	ug/l	94
21) trans-1,2-Dichloroethene	3.17	96	271922	49.077	ug/l	91
22) Diisopropyl ether	3.87	45	841582	52.460	ug/l	99
23) Vinyl Acetate	3.82	43	3433677	250.950	ug/l	99
24) 1,1-Dichloroethane	3.70	63	479445	52.288	ug/l	100
25) 2-Butanone	4.70	43	1015537	258.556	ug/l	97
26) 2,2-Dichloropropane	4.59	77	375949	44.426	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	327242	52.949	ug/l	97
28) Bromochloromethane	5.02	49	214292	53.505	ug/l	99
29) Tetrahydrofuran	5.15	42	686786	251.591	ug/l	97
30) Chloroform	5.22	83	514962	53.442	ug/l	98
31) Cyclohexane	5.57	56	408714	48.232	ug/l	100
32) 1,1,1-Trichloroethane	5.49	97	466206	50.850	ug/l	100
36) 1,1-Dichloropropene	5.80	75	357637	47.384	ug/l	100
37) Ethyl Acetate	4.86	43	394695	46.696	ug/l	98
38) Carbon Tetrachloride	5.79	117	418908	47.179	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	457706	46.718	ug/l	96
40) Benzene	6.15	78	1128080	49.902	ug/l	99
41) Methacrylonitrile	5.06	41	219167	47.123	ug/l	98
42) 1,2-Dichloroethane	6.20	62	375267	50.722	ug/l	99
43) Isopropyl Acetate	6.46	43	649003	46.053	ug/l	99
44) Trichloroethene	7.21	130	335545	48.997	ug/l	97
45) 1,2-Dichloropropane	7.52	63	280190	48.768	ug/l	99
46) Dibromomethane	7.66	93	206282	49.714	ug/l	96
47) Bromodichloromethane	7.90	83	389452	48.467	ug/l	99
48) Methyl methacrylate	7.77	41	326297	47.594	ug/l	98
49) 1,4-Dioxane	7.75	88	166573	985.800	ug/l	97
51) 4-Methyl-2-Pentanone	8.65	43	2006408	244.568	ug/l	99
52) Toluene	8.79	92	741287	49.843	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	426320	45.366	ug/l	98
54) cis-1,3-Dichloropropene	8.44	75	454542	46.581	ug/l	96
55) 1,1,2-Trichloroethane	9.21	97	315799	52.267	ug/l	99
56) Ethyl methacrylate	9.18	69	471833	49.953	ug/l	96
57) 1,3-Dichloropropane	9.37	76	488736	51.154	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	1143427	238.555	ug/l	99
59) 2-Hexanone	9.49	43	1497823	238.972	ug/l	99
60) Dibromochloromethane	9.59	129	358053	48.059	ug/l	100
61) 1,2-Dibromoethane	9.67	107	341007	50.476	ug/l	99
64) Tetrachloroethene	9.34	164	297803	48.259	ug/l	99
65) Chlorobenzene	10.14	112	880195	50.602	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.22	131	331709	49.082	ug/l	99
67) Ethyl Benzene	10.25	91	1436916	49.668	ug/l	99
68) m/p-Xylenes	10.36	106	1147304	99.003	ug/l	99
69) o-Xylene	10.70	106	570392	49.830	ug/l	99
70) Styrene	10.71	104	934723	50.488	ug/l	99
71) Bromoform	10.86	173	286913	44.973	ug/l #	99
73) Isopropylbenzene	11.02	105	1501917	51.120	ug/l	100
74) N-amyl acetate	10.90	43	584205	46.176	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	471418	50.155	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	441790m	53.801	ug/l	
77) Bromobenzene	11.26	156	409261	50.195	ug/l	99
78) n-propylbenzene	11.36	91	1658812	50.792	ug/l	99
79) 2-Chlorotoluene	11.42	91	991670	51.088	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	1237047	50.605	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	147468	42.144	ug/l	92
82) 4-Chlorotoluene	11.51	91	1127415	49.955	ug/l	100
83) tert-Butylbenzene	11.77	119	1317589	50.517	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	1278207	50.639	ug/l	100
85) sec-Butylbenzene	11.94	105	1525478	51.412	ug/l	100
86) p-Isopropyltoluene	12.07	119	1367883	51.196	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	731788	50.440	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	726762	49.355	ug/l	99
89) n-Butylbenzene	12.39	91	1134827	49.779	ug/l	100
90) Hexachloroethane	12.60	117	256777	47.154	ug/l	96
91) 1,2-Dichlorobenzene	12.39	146	722314	50.165	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	108372	44.978	ug/l	98

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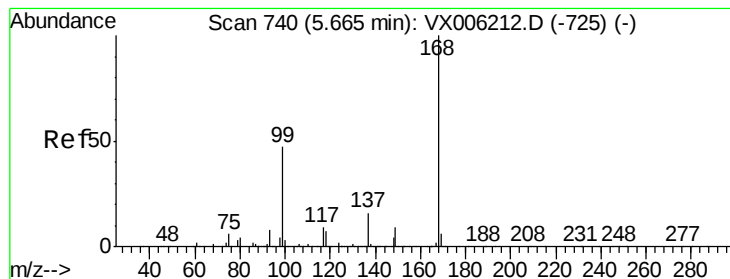
Manual Integrations
APPROVED

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	521998	49.692	ug/l	100
94) Hexachlorobutadiene	13.78	225	236644	50.939	ug/l	99
95) Naphthalene	13.83	128	1662666	50.883	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	518464	49.830	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.00 min

Lab File: VX006384.D

Acq: 10 Dec 2018 21:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:168 Resp: 574592

Ion Ratio Lower Upper

168 100

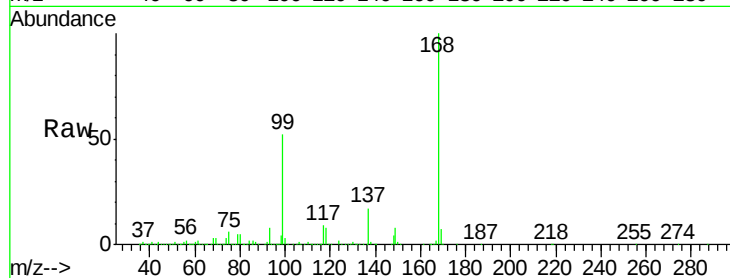
99 52.2 37.8 56.8

Manual Integrations

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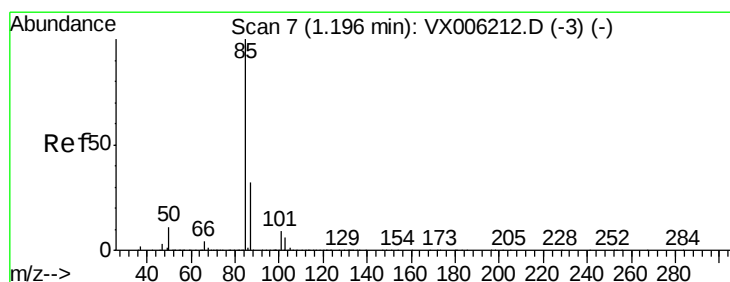
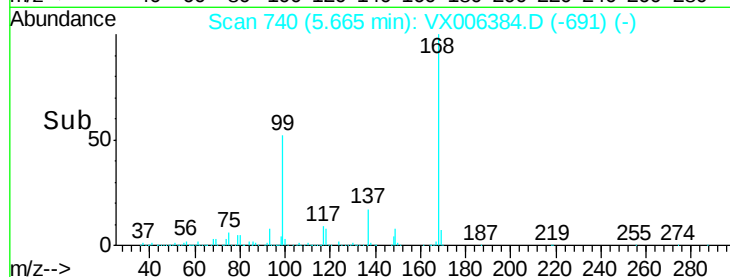
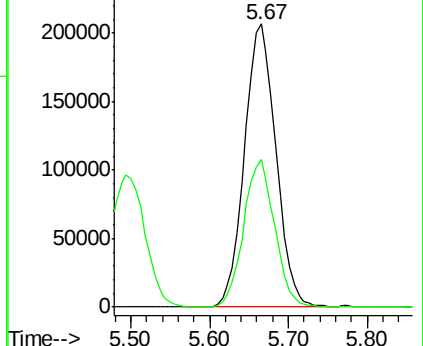
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12/11/2018 10:54:30 AM



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 51.352 ug/l

RT: 1.20 min Scan# 7

Delta R.T. 0.00 min

Lab File: VX006384.D

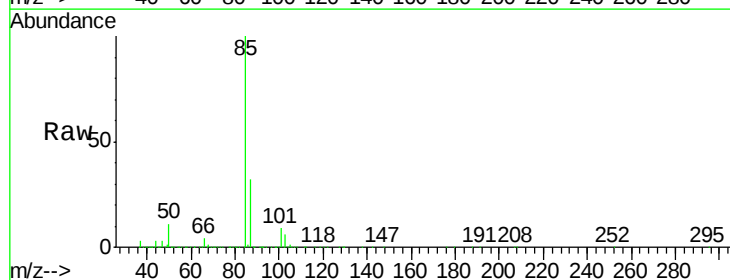
Acq: 10 Dec 2018 21:32

Tgt Ion: 85 Resp: 288910

Ion Ratio Lower Upper

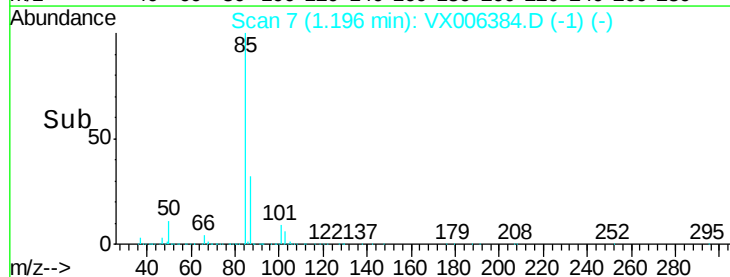
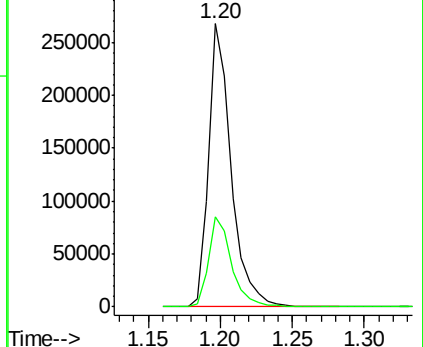
85 100

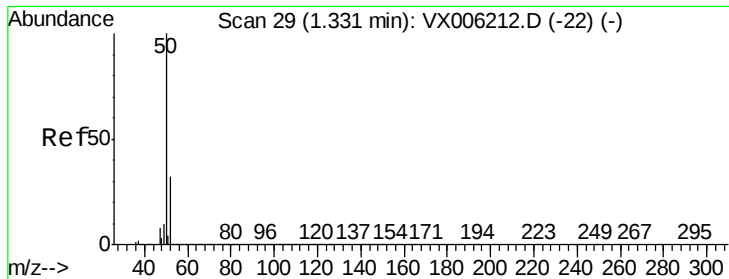
87 31.8 16.1 48.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 46.685 ug/l

RT: 1.33 min Scan# 29

Delta R.T. 0.00 min

Lab File: VX006384.D

Acq: 10 Dec 2018 21:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 50 Resp: 269912

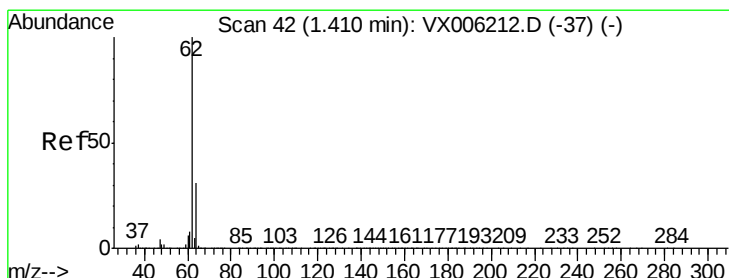
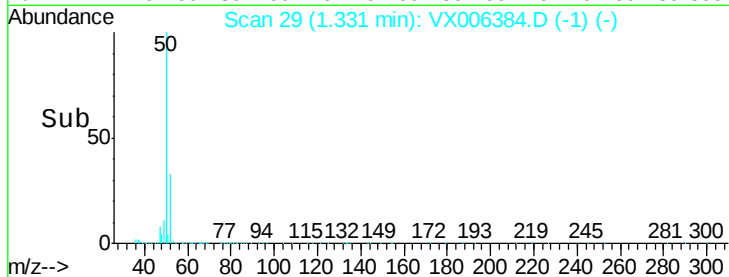
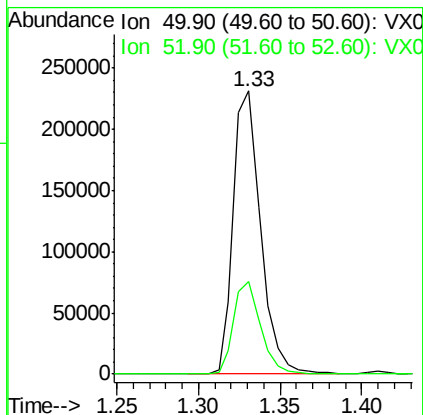
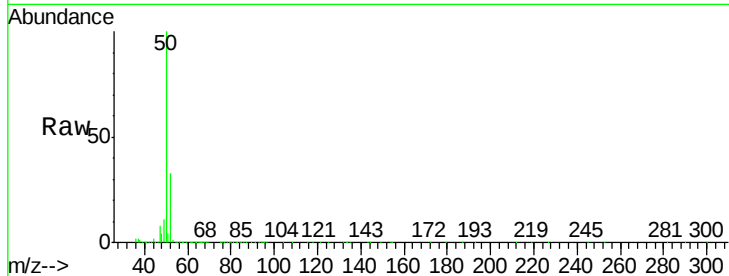
Ion Ratio Lower Upper

50 100

52 32.8 25.2 37.8

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#4

Vinyl Chloride

Concen: 48.490 ug/l

RT: 1.41 min Scan# 42

Delta R.T. 0.00 min

Lab File: VX006384.D

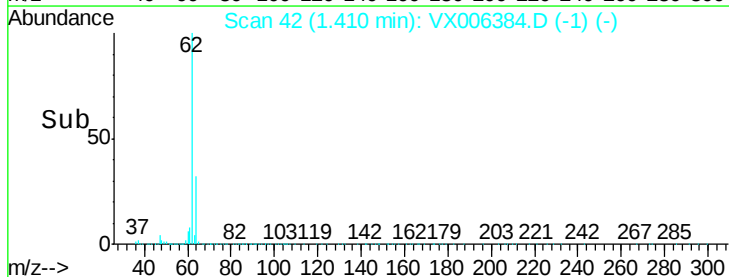
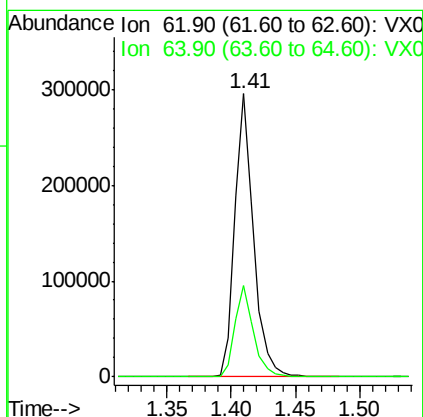
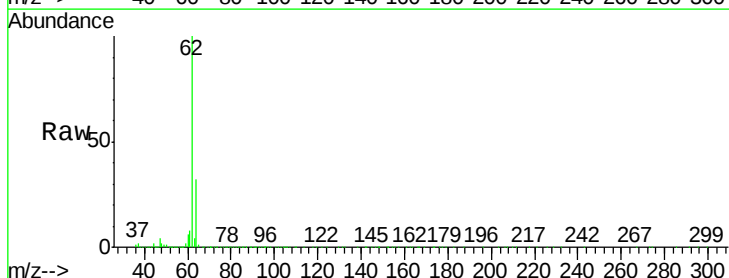
Acq: 10 Dec 2018 21:32

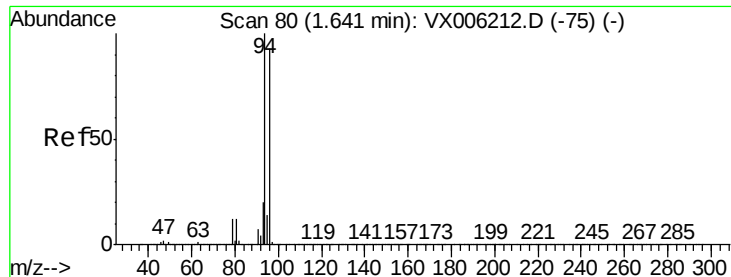
Tgt Ion: 62 Resp: 301725

Ion Ratio Lower Upper

62 100

64 32.3 24.9 37.3





#5

Bromomethane

Concen: 57.607 ug/l

RT: 1.64 min Scan# 80

Delta R.T. 0.00 min

Lab File: VX006384.D

Acq: 10 Dec 2018 21:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 94 Resp: 248420

Ion Ratio Lower Upper

94 100

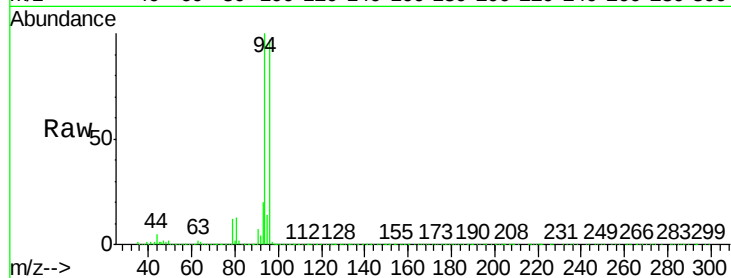
96 96.7 74.5 111.7

Manual Integrations

APPROVED

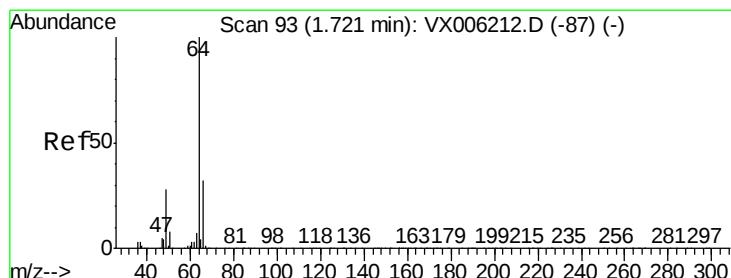
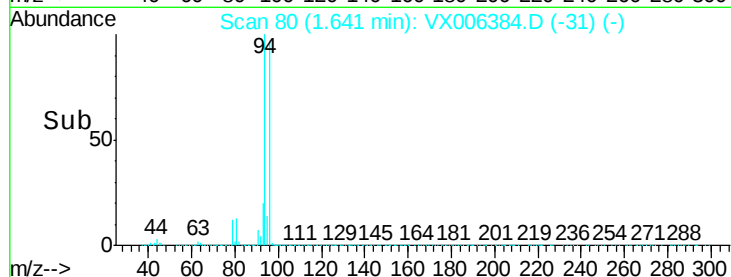
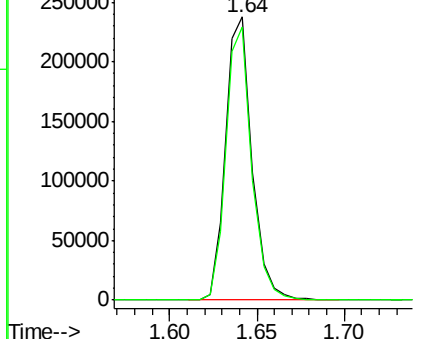
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Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 49.567 ug/l

RT: 1.72 min Scan# 93

Delta R.T. 0.00 min

Lab File: VX006384.D

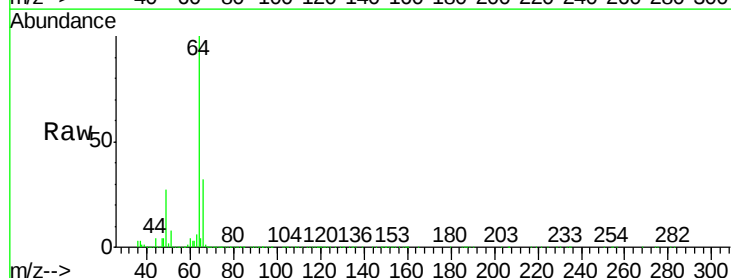
Acq: 10 Dec 2018 21:32

Tgt Ion: 64 Resp: 189107

Ion Ratio Lower Upper

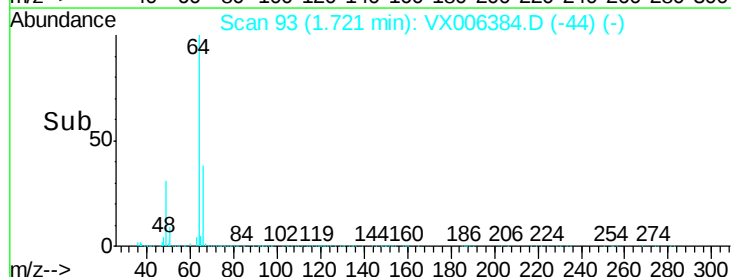
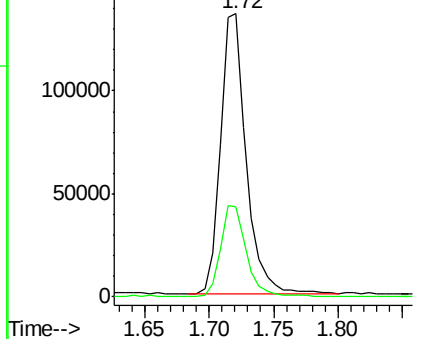
64 100

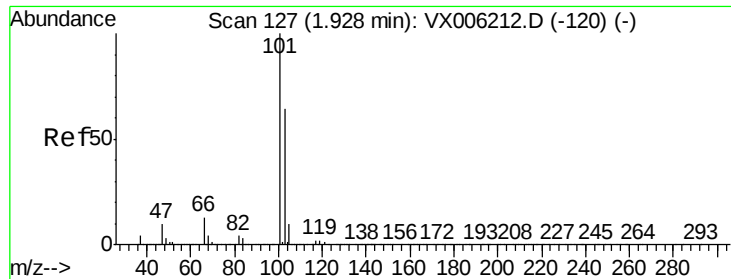
66 32.0 25.9 38.9



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0





#7

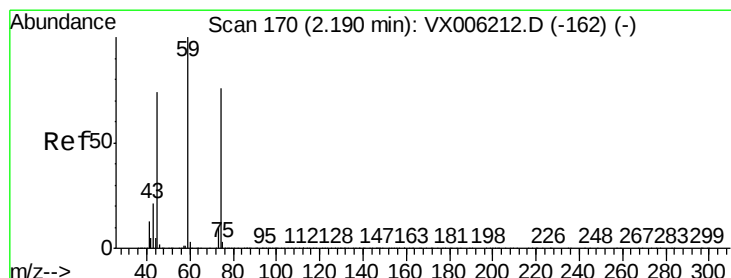
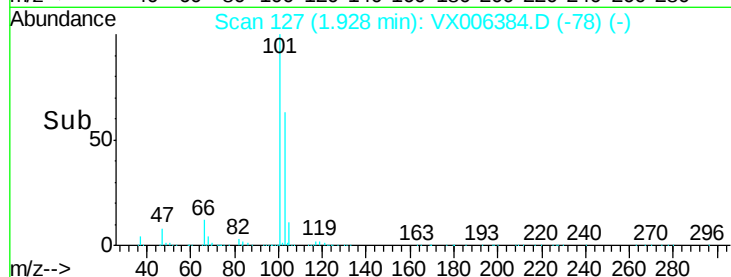
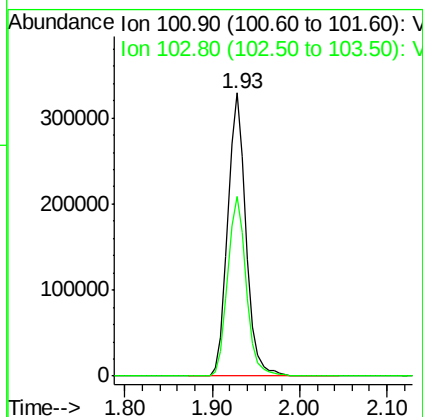
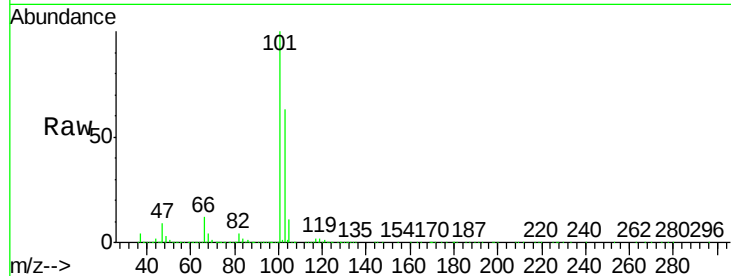
Trichlorofluoromethane
Concen: 49.946 ug/l
RT: 1.93 min Scan# 127
Delta R.T. 0.00 min
Lab File: VX006384.D
Acq: 10 Dec 2018 21:32

Instrument :
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Tot Ion	Ratio	Lower	Upper
101	100		
103	63.4	51.0	76.4

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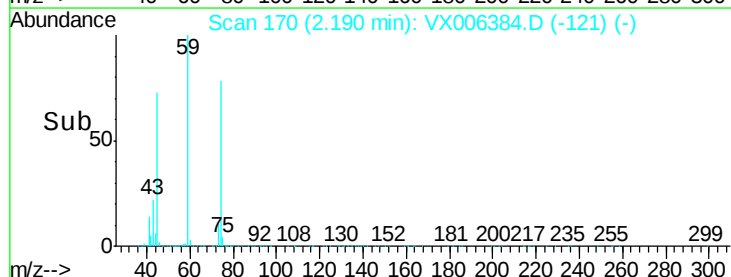
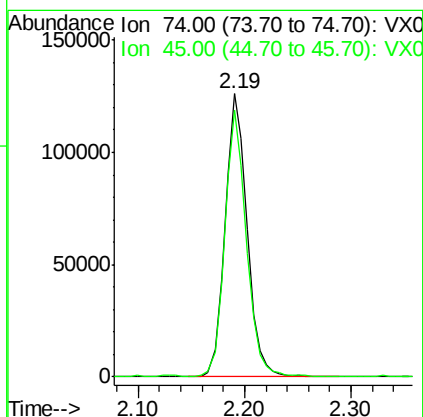
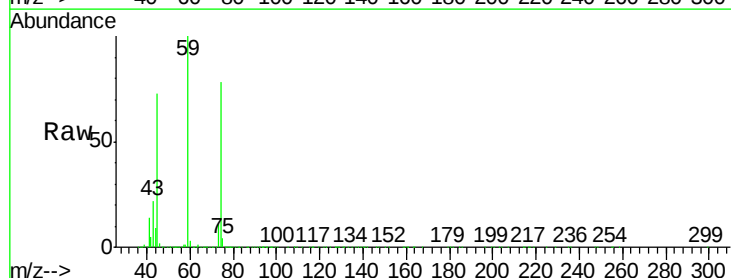
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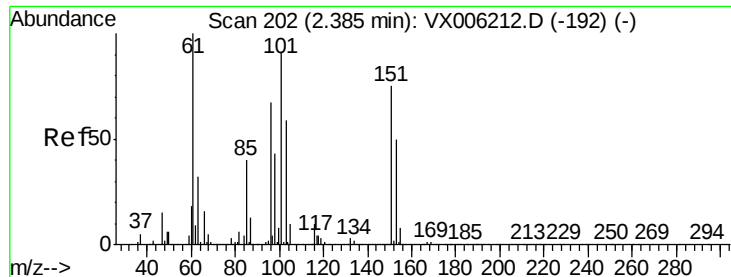


#8

Diethyl Ether
Concen: 50.237 ug/l
RT: 2.19 min Scan# 170
Delta R.T. 0.00 min
Lab File: VX006384.D
Acq: 10 Dec 2018 21:32

Tgt Ion	Ratio	Lower	Upper
74	100		
45	92.3	49.5	148.7





#9

1,1,2-Trichlorotrifluoroethane

Concen: 50.668 ug/l

RT: 2.39 min Scan# 202

Delta R.T. 0.00 min

Lab File: VX006384.D

Acq: 10 Dec 2018 21:32

Instrument :

MSVOA_X

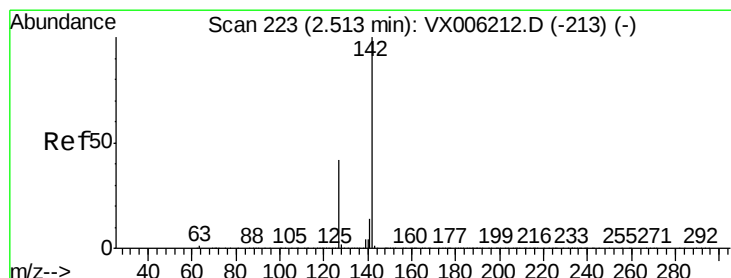
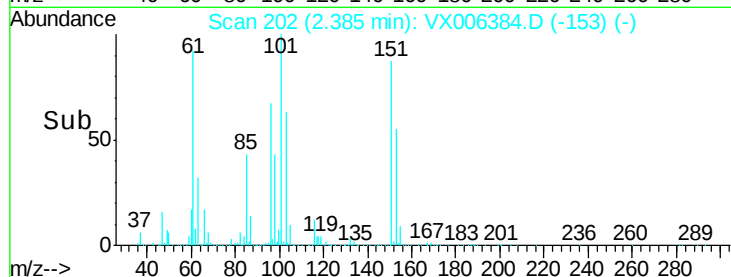
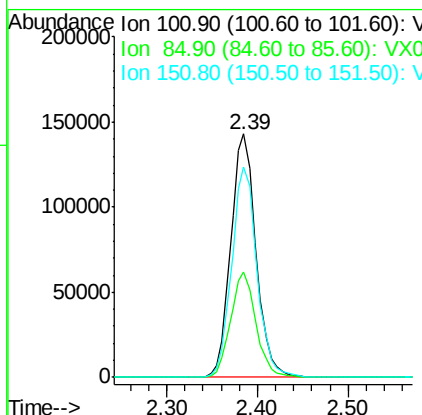
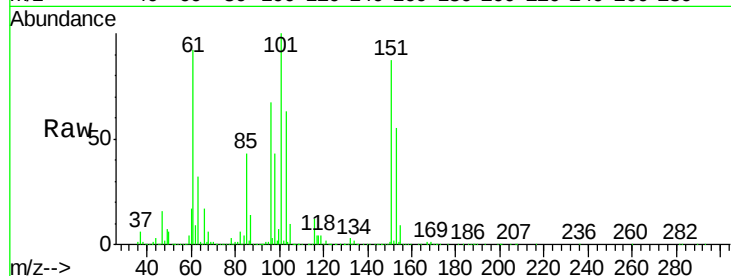
ClientSampleId :

VSTDCCC050EC

Tot Ion:	101	Resp:	275189
Ion Ratio	Lower	Upper	
101	100		
85	43.6	35.5	53.3
151	86.7	68.6	103.0

Manual Integrations
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#10

Methyl Iodide

Concen: 51.147 ug/l

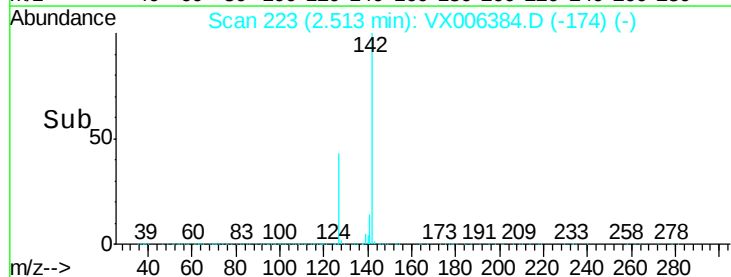
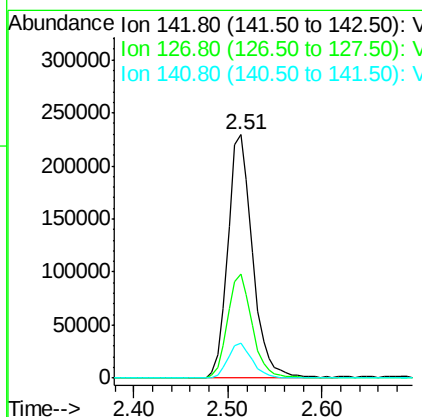
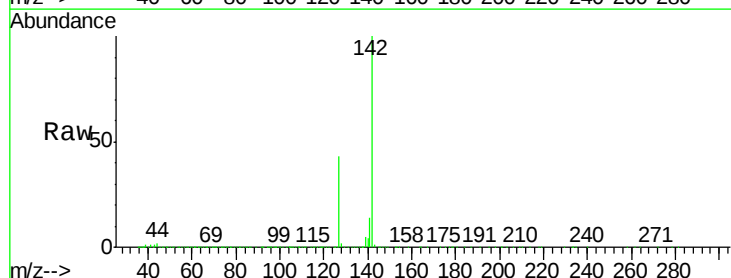
RT: 2.51 min Scan# 223

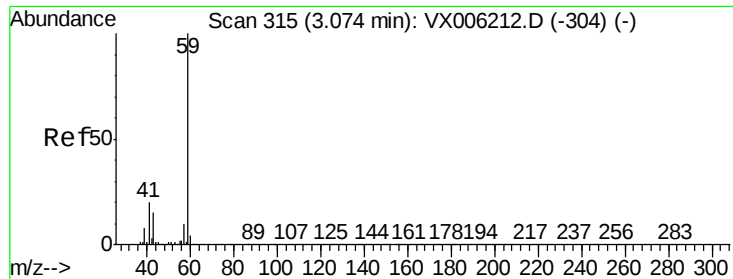
Delta R.T. 0.00 min

Lab File: VX006384.D

Acq: 10 Dec 2018 21:32

Tgt Ion:	142	Resp:	418636
Ion Ratio	Lower	Upper	
142	100		
127	42.4	34.8	52.2
141	14.2	11.4	17.2





#11

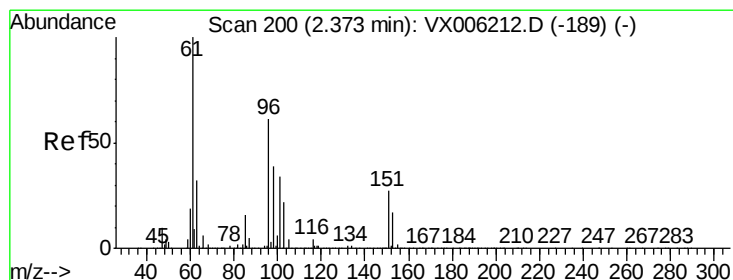
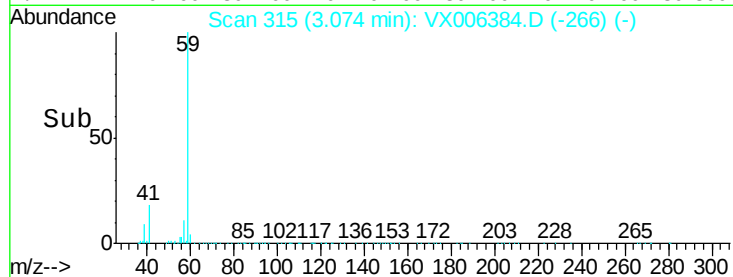
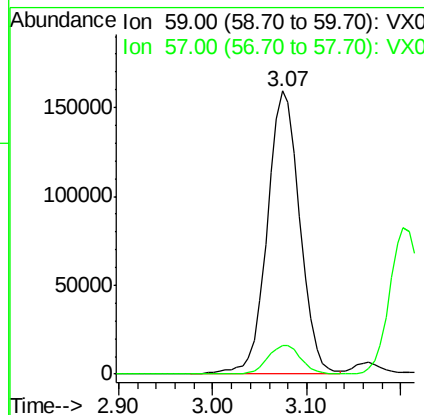
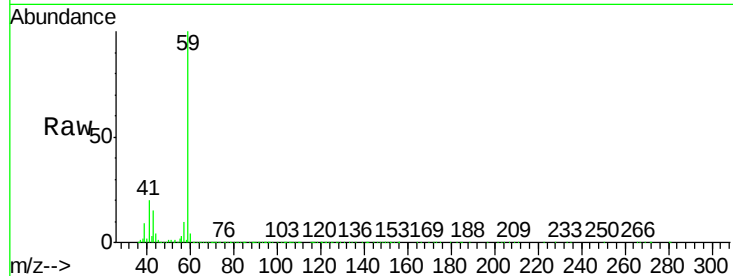
Tert butyl alcohol
Concen: 239.492 ug/l
RT: 3.07 min Scan# 315
Delta R.T. 0.00 min
Lab File: VX006384.D
Acq: 10 Dec 2018 21:32

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	59	Resp	384175
Ion Ratio	100	Lower	Upper
57	10.3	8.2	12.2

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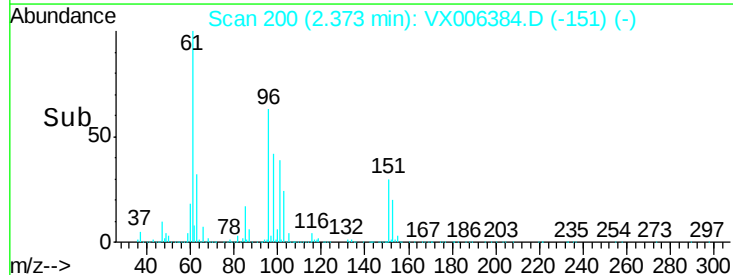
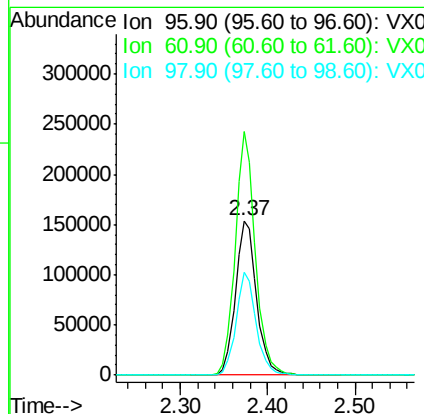
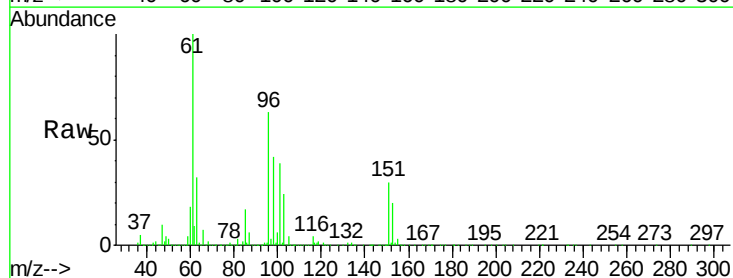
MMDadoda
12/11/2018 10:54:30 AM

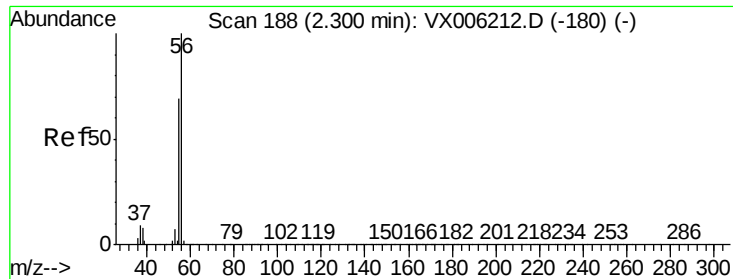


#12

1,1-Dichloroethene
Concen: 49.617 ug/l
RT: 2.37 min Scan# 200
Delta R.T. 0.00 min
Lab File: VX006384.D
Acq: 10 Dec 2018 21:32

Tgt Ion	96	Resp	257974
Ion Ratio	100	Lower	Upper
61	158.0	131.7	197.5
98	66.4	51.8	77.6





#13

Acrolein

Concen: 233.546 ug/l

RT: 2.30 min Scan# 188

Delta R.T. 0.00 min

Lab File: VX006384.D

Acq: 10 Dec 2018 21:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 56 Resp: 204763

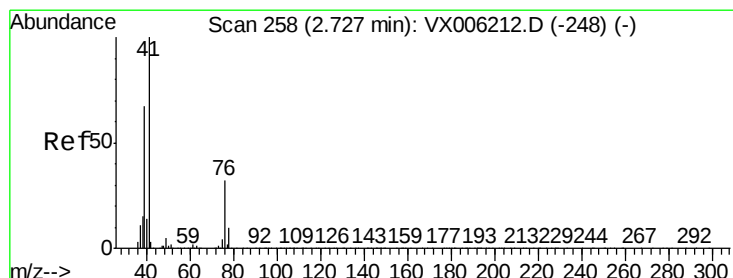
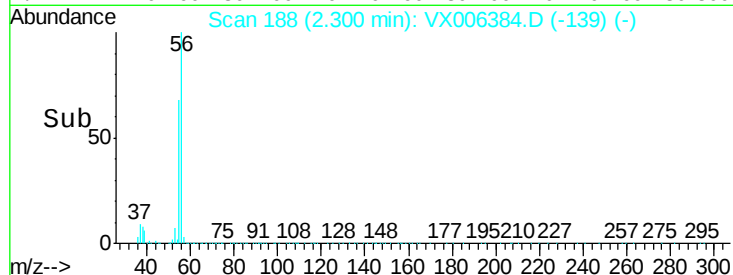
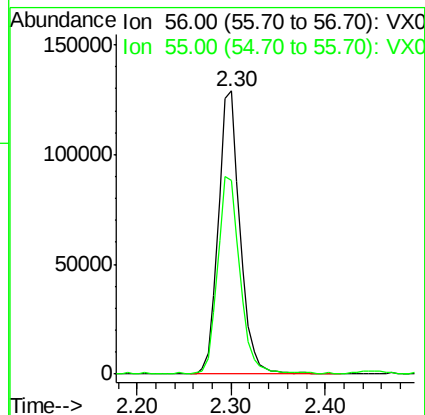
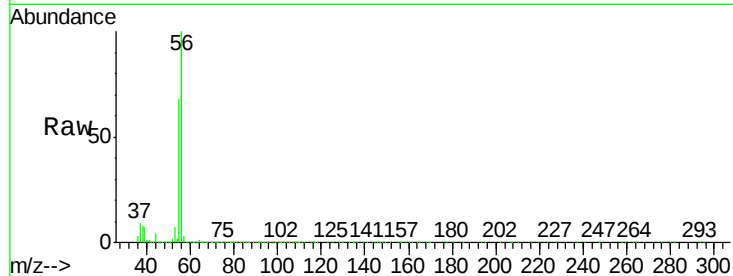
Ion Ratio Lower Upper

56 100

55 71.0 57.8 86.6

Manual Integrations
APPROVED

MMDadoda
12/11/2018 10:54:30 AM



#14

Allyl chloride

Concen: 44.871 ug/l

RT: 2.73 min Scan# 258

Delta R.T. 0.00 min

Lab File: VX006384.D

Acq: 10 Dec 2018 21:32

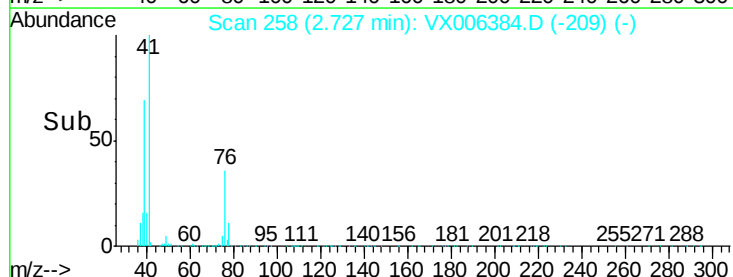
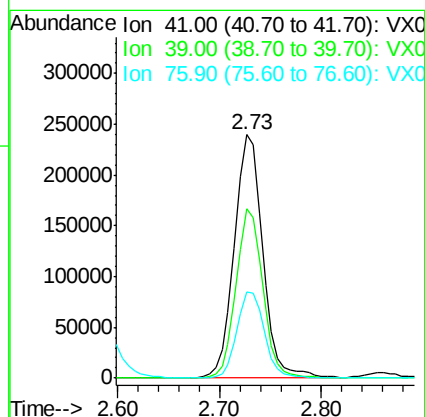
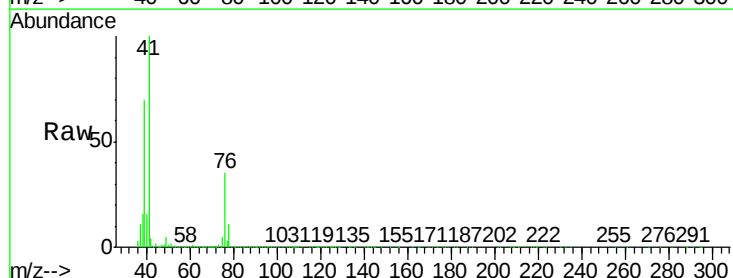
Tgt Ion: 41 Resp: 460853

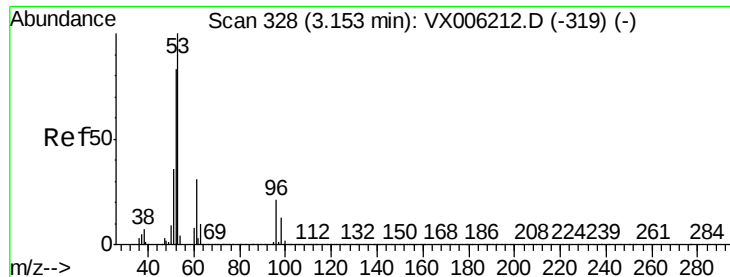
Ion Ratio Lower Upper

41 100

39 65.4 52.4 78.6

76 33.9 25.4 38.0





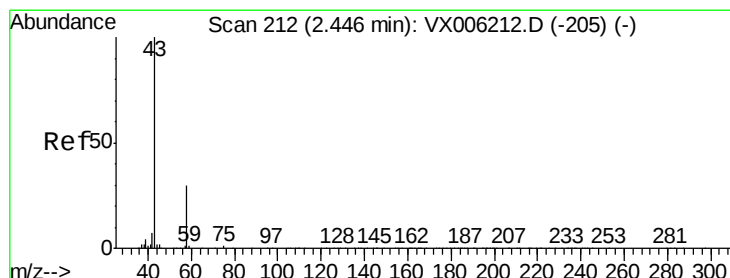
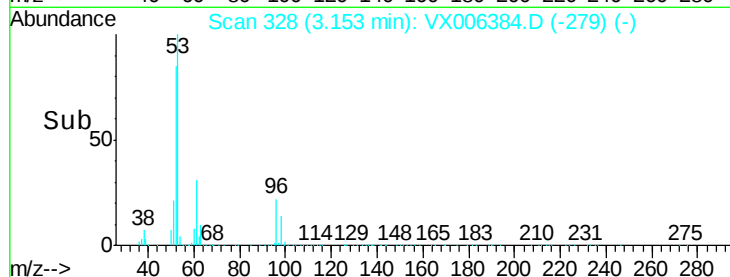
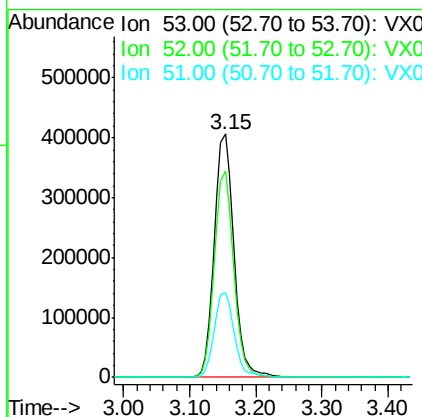
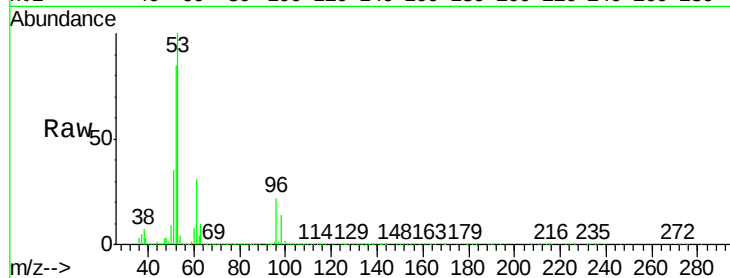
#15
Acrylonitrile
Concen: 248.341 ug/l
RT: 3.15 min Scan# 328
Delta R.T. 0.00 min
Lab File: VX006384.D
Acq: 10 Dec 2018 21:32

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
53	100		
52	83.4	66.2	99.4
51	35.4	28.7	43.1

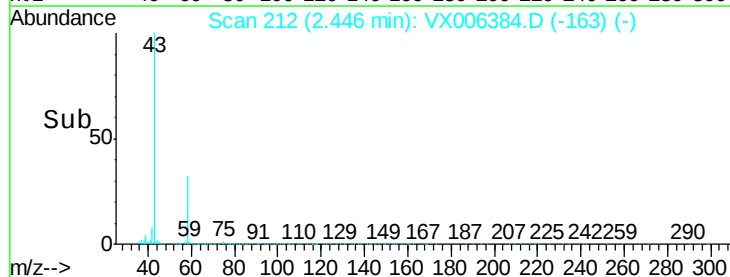
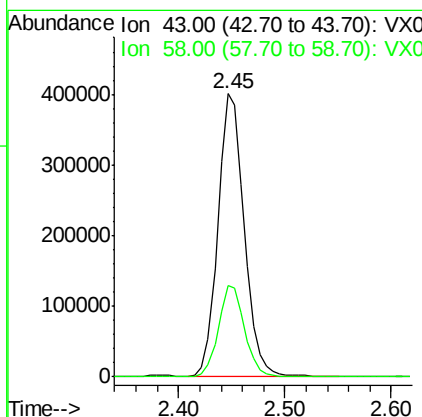
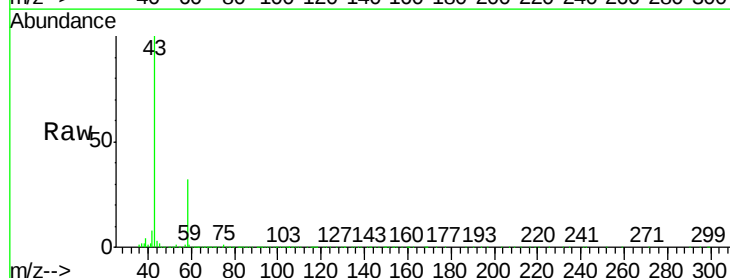
Manual Integrations
APPROVED

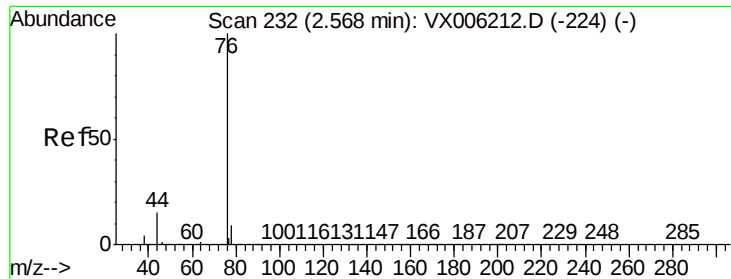
MMDadoda
12/11/2018 10:54:30 AM



#16
Acetone
Concen: 248.258 ug/l
RT: 2.45 min Scan# 212
Delta R.T. 0.00 min
Lab File: VX006384.D
Acq: 10 Dec 2018 21:32

Tgt Ion	Ratio	Lower	Upper
43	100		
58	32.3	24.0	36.0





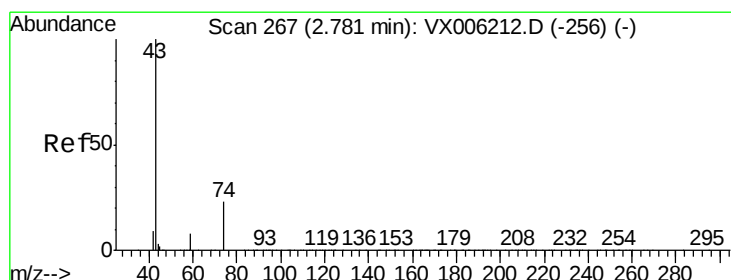
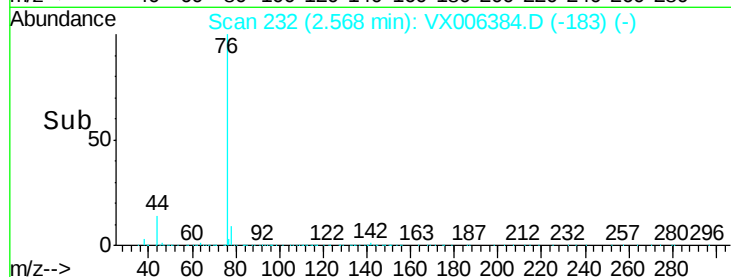
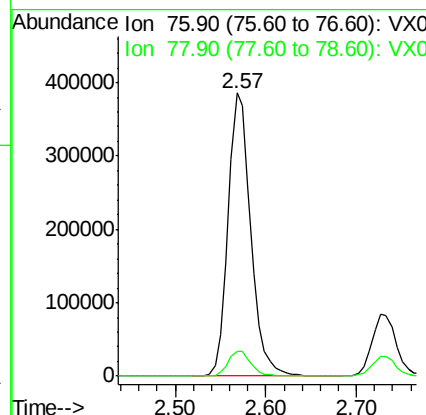
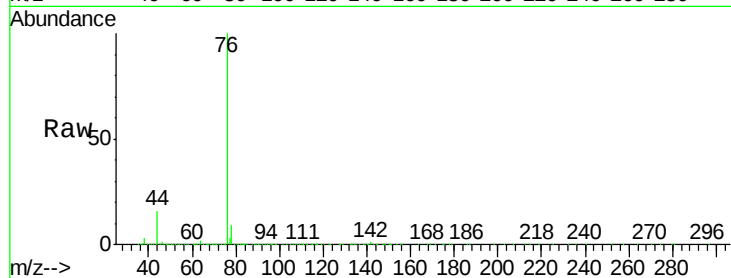
#17
Carbon Disulfide
Concen: 41.747 ug/l
RT: 2.57 min Scan# 232
Delta R.T. 0.00 min
Lab File: VX006384.D
Acq: 10 Dec 2018 21:32

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
76	100		
78	8.8	7.1	10.7

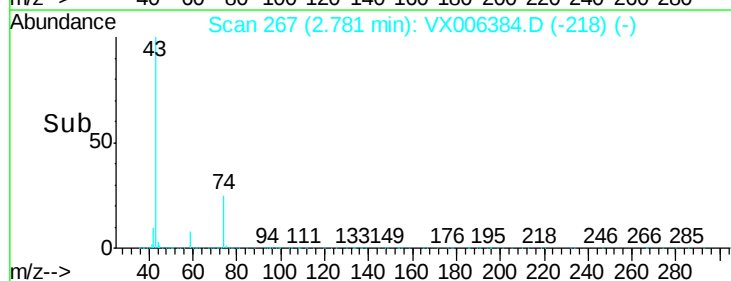
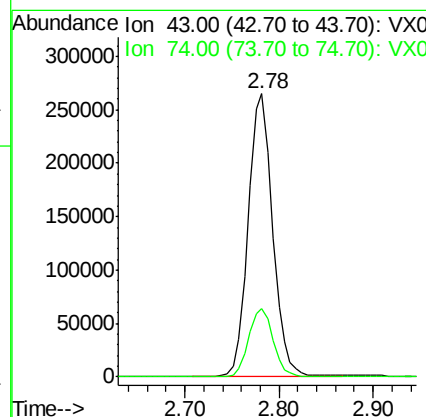
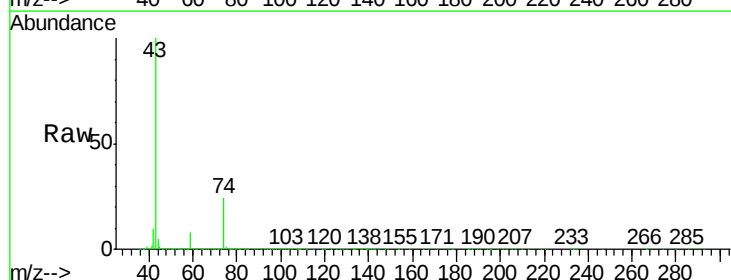
Manual Integrations
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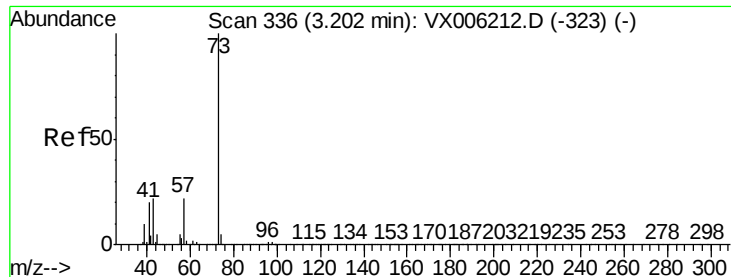
MMDadoda
12/11/2018 10:54:30 AM



#18
Methyl Acetate
Concen: 51.997 ug/l
RT: 2.78 min Scan# 267
Delta R.T. 0.00 min
Lab File: VX006384.D
Acq: 10 Dec 2018 21:32

Tgt Ion	Ratio	Lower	Upper
43	100		
74	24.4	17.9	26.9





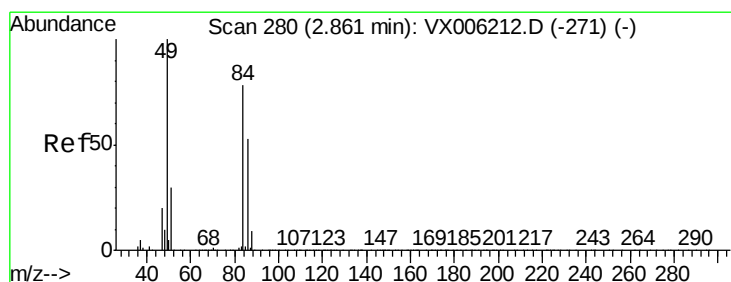
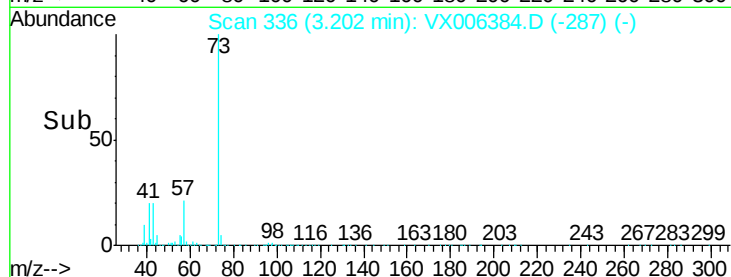
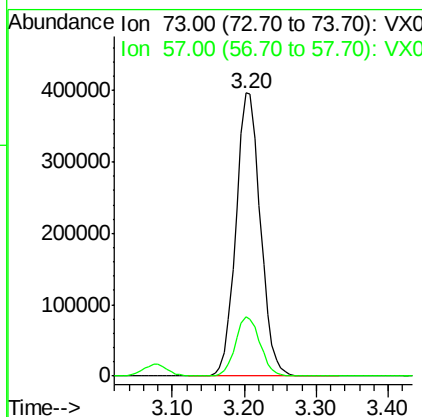
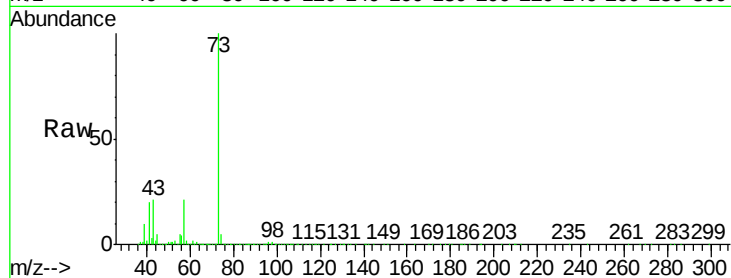
#19
Methvl tert-butvl Ether
Concen: 50.328 ug/l
RT: 3.20 min Scan# 336
Delta R.T. 0.00 min
Lab File: VX006384.D
Acq: 10 Dec 2018 21:32

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
73	100		
57	20.8	17.5	26.3

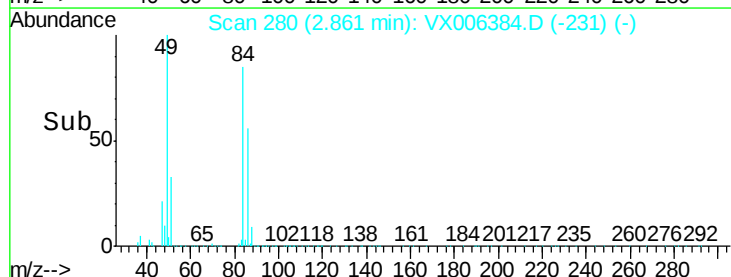
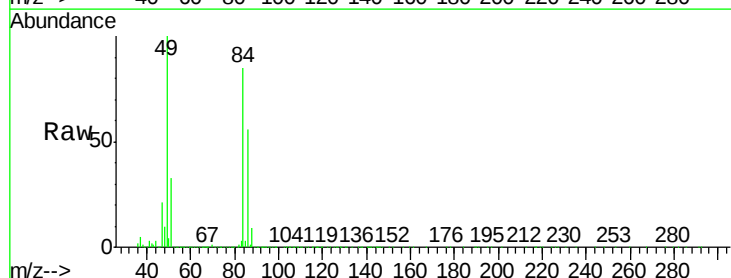
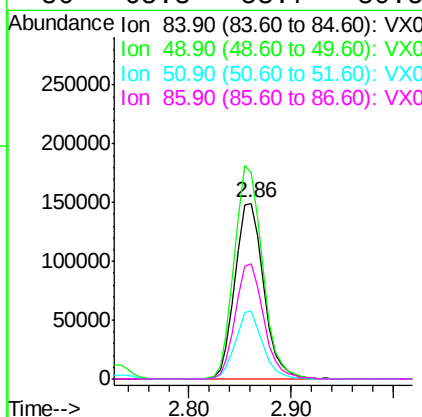
Manual Integrations
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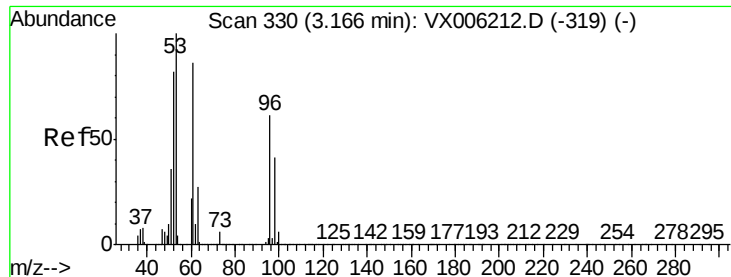
MMDadoda
12/11/2018 10:54:30 AM



#20
Methylene Chloride
Concen: 49.815 ug/l
RT: 2.86 min Scan# 280
Delta R.T. 0.00 min
Lab File: VX006384.D
Acq: 10 Dec 2018 21:32

Tgt Ion	Ratio	Lower	Upper
84	100		
49	117.6	102.2	153.4
51	38.3	31.1	46.7
86	65.3	53.7	80.5





#21

trans-1,2-Dichloroethene

Concen: 49.077 ug/l

RT: 3.17 min Scan# 330

Delta R.T. 0.00 min

Lab File: VX006384.D

Acq: 10 Dec 2018 21:32

Instrument :

MSVOA_X

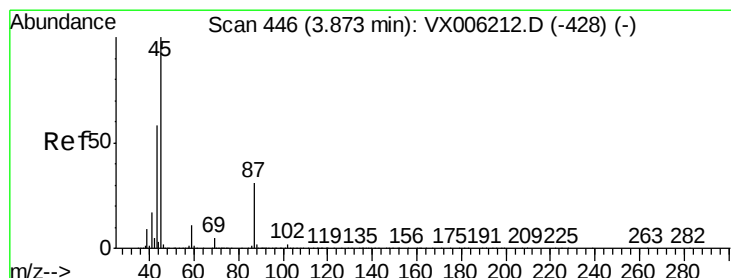
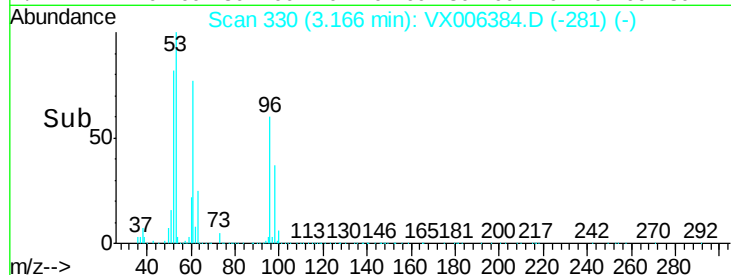
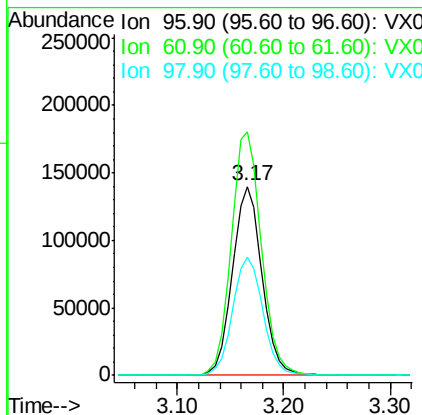
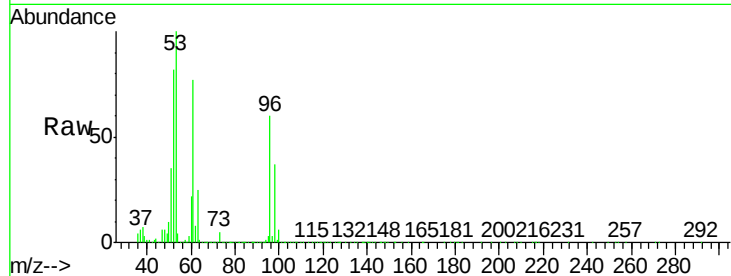
ClientSampleId :

VSTDCCC050EC

Tot Ion:	96	Resp:	271922
Ion	Ratio	Lower	Upper
96	100		
61	128.7	113.3	169.9
98	62.1	53.2	79.8

Manual Integrations
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#22

Diisopropyl ether

Concen: 52.460 ug/l

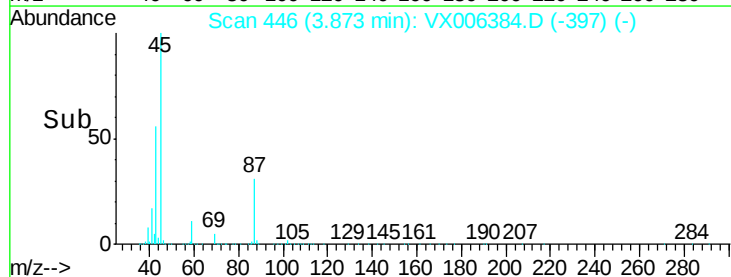
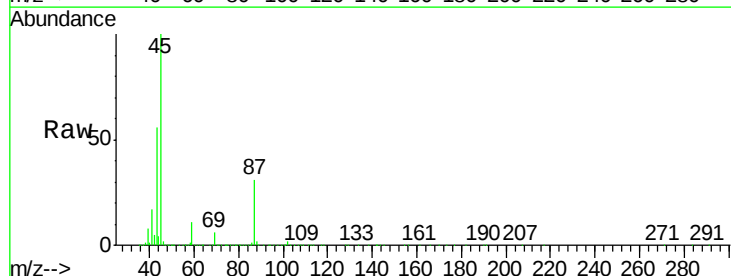
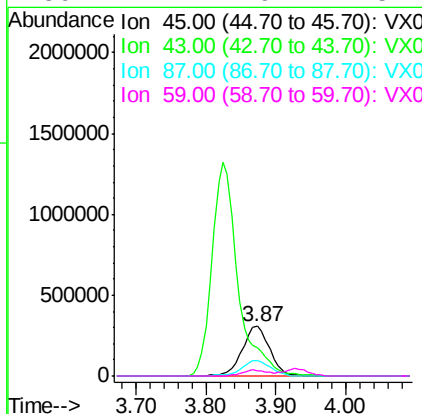
RT: 3.87 min Scan# 446

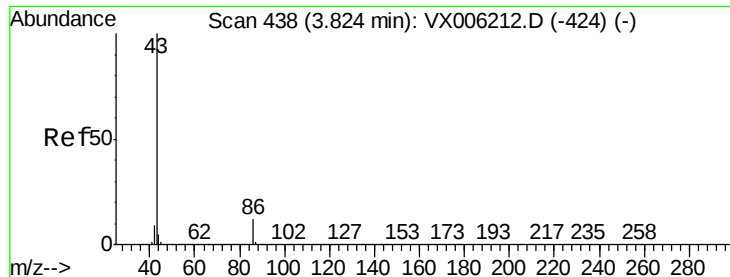
Delta R.T. 0.00 min

Lab File: VX006384.D

Acq: 10 Dec 2018 21:32

Tgt Ion:	45	Resp:	841582
Ion	Ratio	Lower	Upper
45	100		
43	55.9	46.2	69.2
87	31.3	24.9	37.3
59	11.4	9.1	13.7





#23

Vinyl Acetate

Concen: 250.950 ug/l

RT: 3.82 min Scan# 438

Delta R.T. 0.00 min

Lab File: VX006384.D

Acq: 10 Dec 2018 21:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 3433677

Ion Ratio Lower Upper

43 100

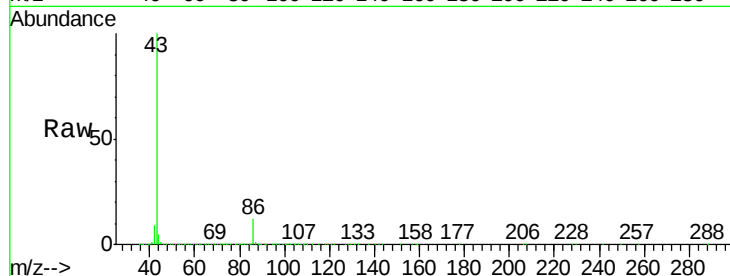
86 12.2 9.4 14.0

Manual Integrations

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12/11/2018 10:54:30 AM



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

1500000

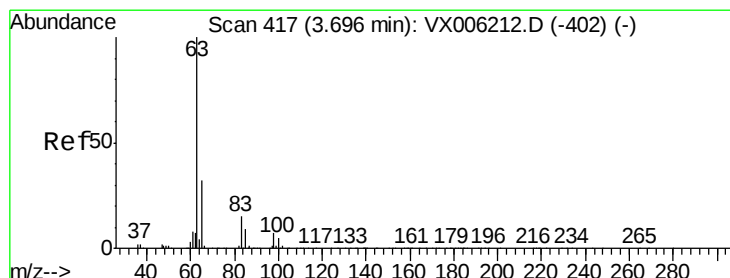
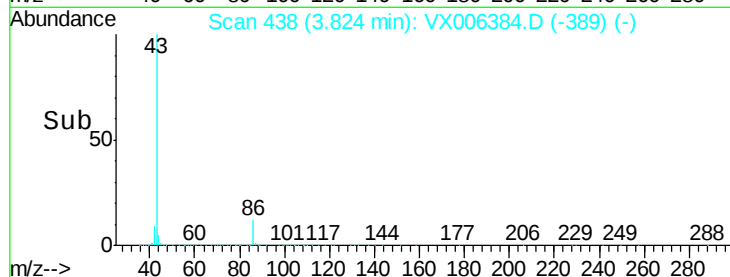
1000000

500000

0

3.80 4.00

Time-->



#24

1,1-Dichloroethane

Concen: 52.288 ug/l

RT: 3.70 min Scan# 417

Delta R.T. 0.00 min

Lab File: VX006384.D

Acq: 10 Dec 2018 21:32

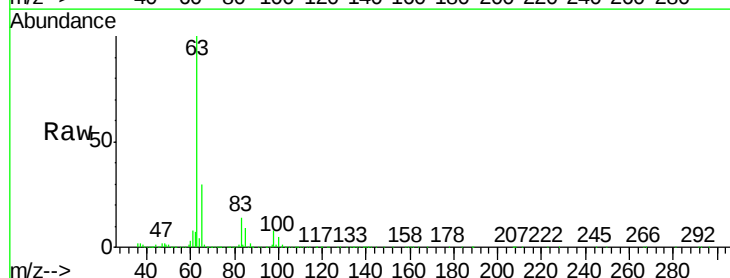
Tgt Ion: 63 Resp: 479445

Ion Ratio Lower Upper

63 100

98 7.6 3.8 11.4

100 4.6 2.5 7.4



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0

250000

200000

150000

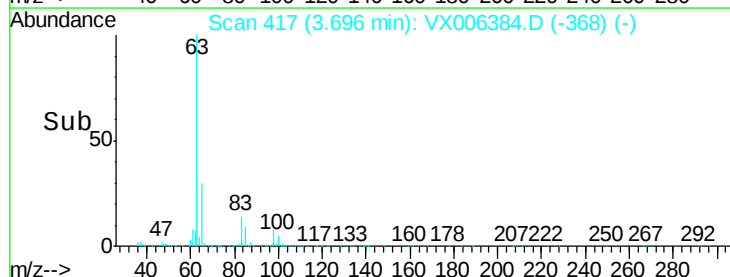
100000

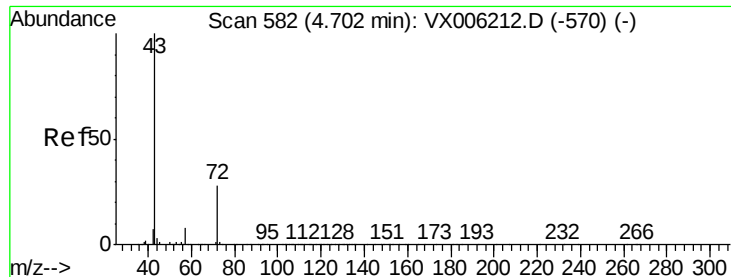
50000

0

3.60 3.70 3.80

Time-->





#25

2-Butanone

Concen: 258.556 ug/l

RT: 4.70 min Scan# 582

Delta R.T. 0.00 min

Lab File: VX006384.D

Acq: 10 Dec 2018 21:32

Tot Ion: 43 Resp: 1015537

Ion Ratio Lower Upper

43 100

72 29.6 22.6 33.8

Instrument :

MSVOA_X

ClientSampleId :

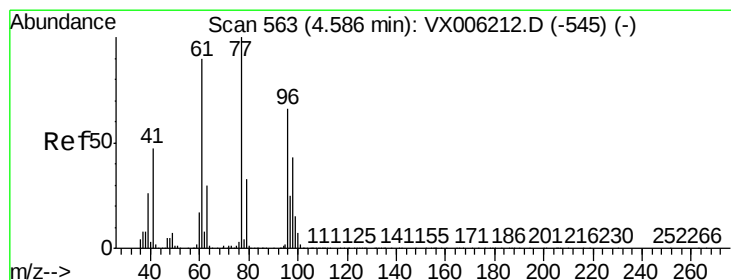
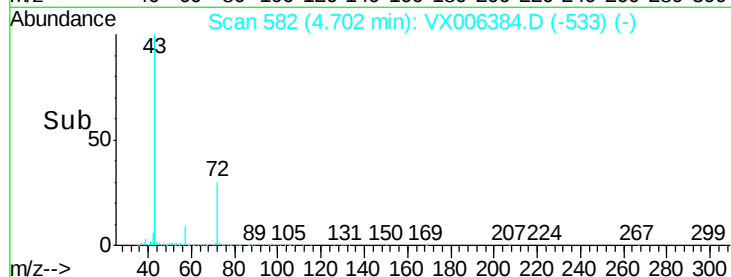
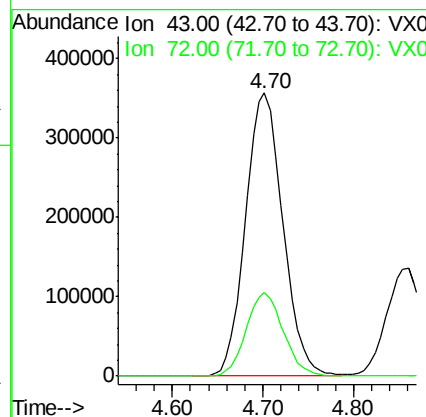
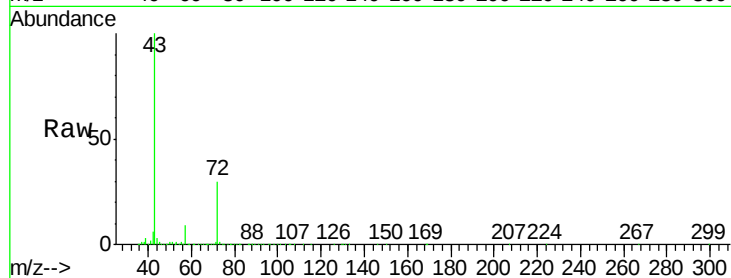
VSTDCCC050EC

Manual Integrations

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12/11/2018 10:54:30 AM



#26

2,2-Dichloropropane

Concen: 44.426 ug/l

RT: 4.59 min Scan# 563

Delta R.T. 0.00 min

Lab File: VX006384.D

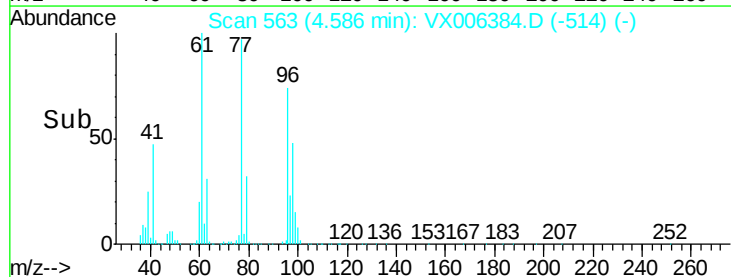
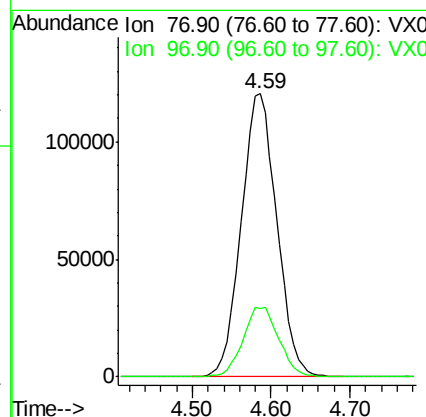
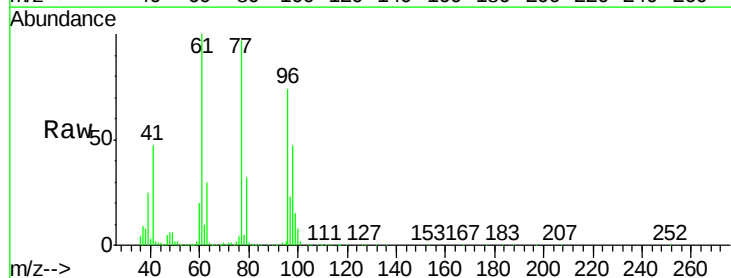
Acq: 10 Dec 2018 21:32

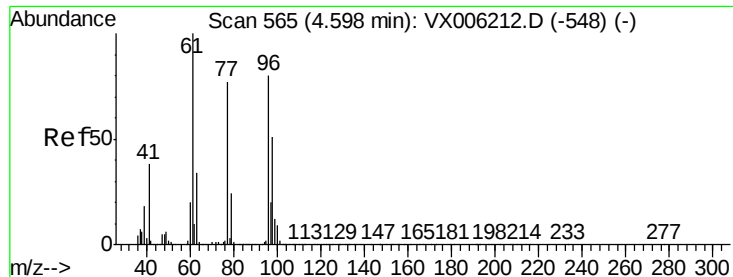
Tgt Ion: 77 Resp: 375949

Ion Ratio Lower Upper

77 100

97 24.8 12.3 36.8





#27

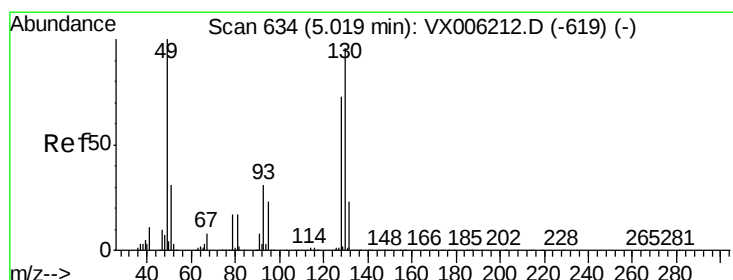
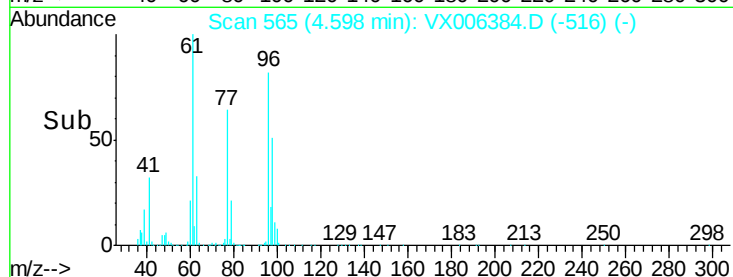
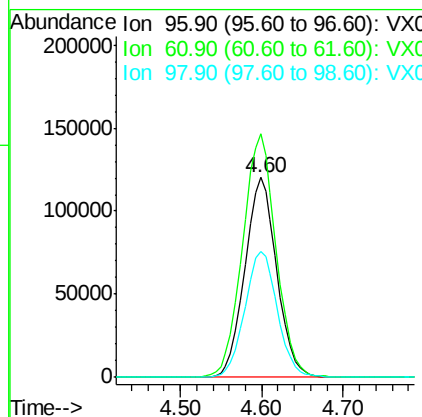
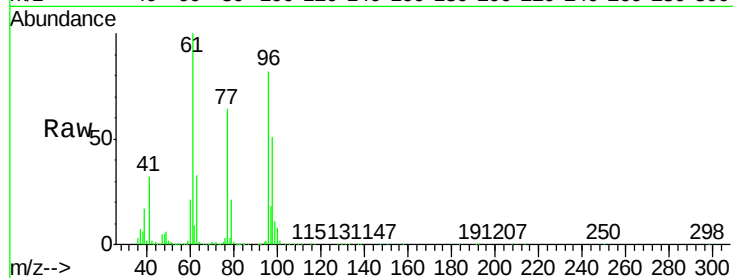
cis-1,2-Dichloroethene
Concen: 52.949 ug/l
RT: 4.60 min Scan# 565
Delta R.T. 0.00 min
Lab File: VX006384.D
Acq: 10 Dec 2018 21:32

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
96	100		
61	127.3	0.0	265.0
98	64.4	0.0	130.2

Manual Integrations
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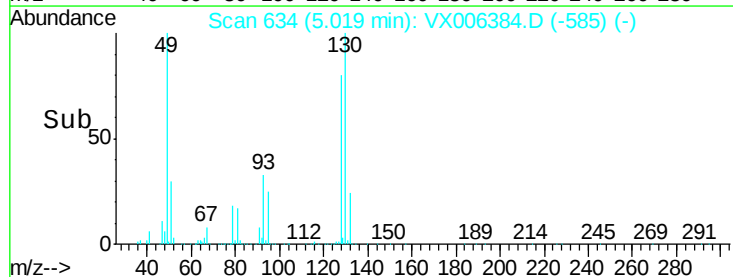
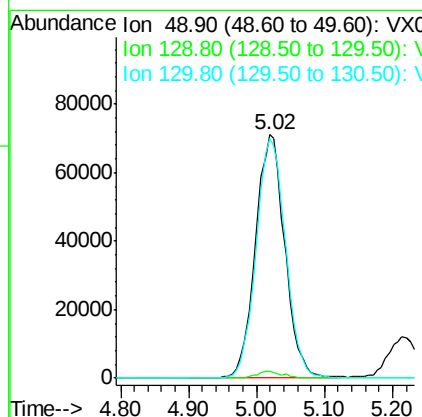
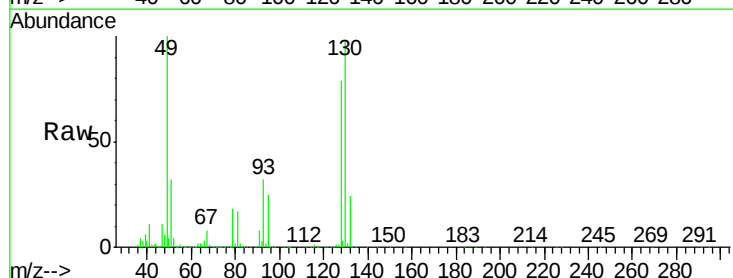
MMDadoda
12/11/2018 10:54:30 AM

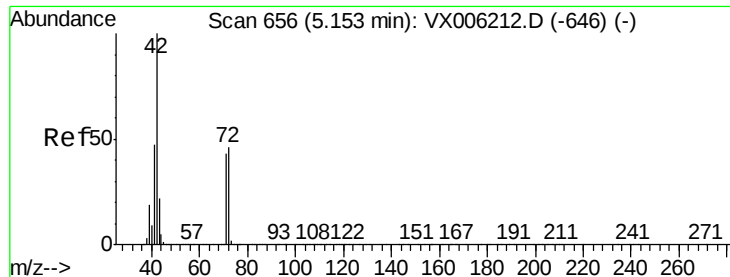


#28

Bromochloromethane
Concen: 53.505 ug/l
RT: 5.02 min Scan# 634
Delta R.T. 0.00 min
Lab File: VX006384.D
Acq: 10 Dec 2018 21:32

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.6	0.0	5.0
130	98.5	78.3	117.5





#29

Tetrahydrofuran

Concen: 251.591 ug/l

RT: 5.15 min Scan# 656

Delta R.T. 0.00 min

Lab File: VX006384.D

Acq: 10 Dec 2018 21:32

Instrument :

MSVOA_X

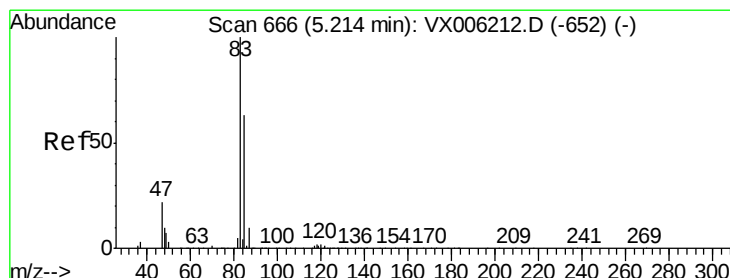
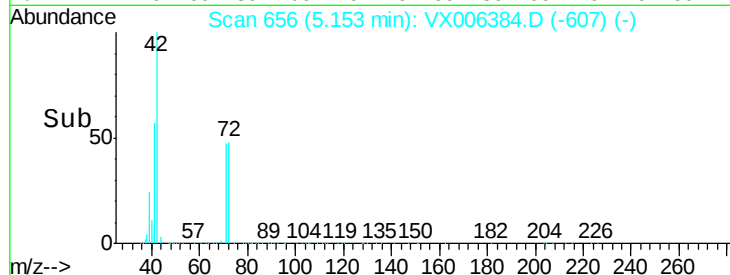
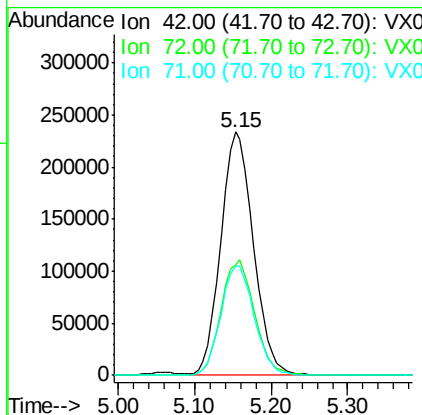
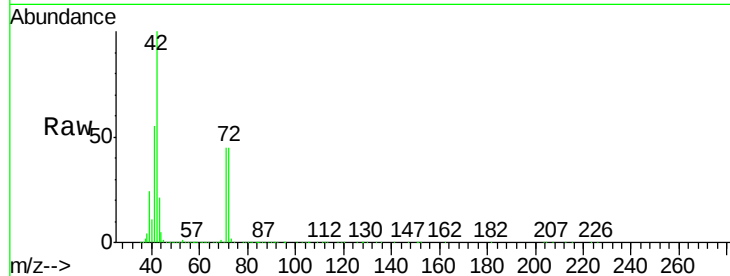
ClientSampleId :

VSTDCCC050EC

Tot Ion:	42	Resp:	686786
Ion Ratio		Lower	Upper
42	100		
72	49.0	37.8	56.8
71	46.3	35.2	52.8

Manual Integrations
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#30

Chloroform

Concen: 53.442 ug/l

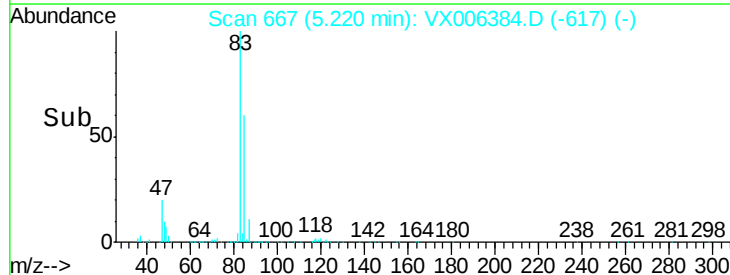
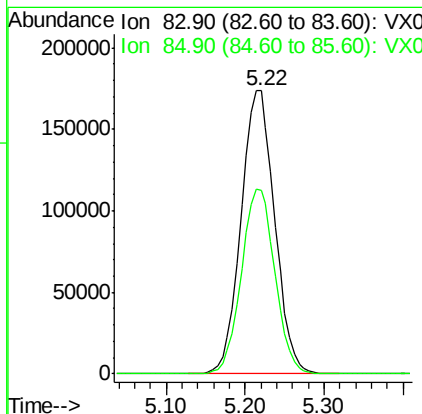
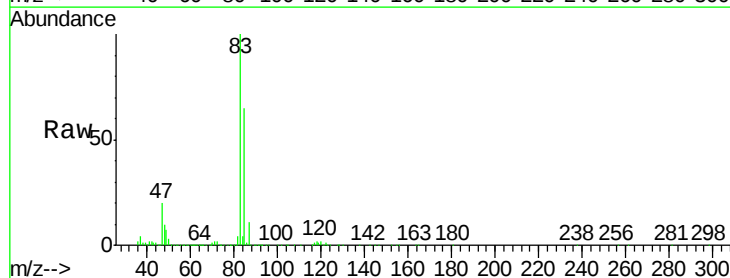
RT: 5.22 min Scan# 667

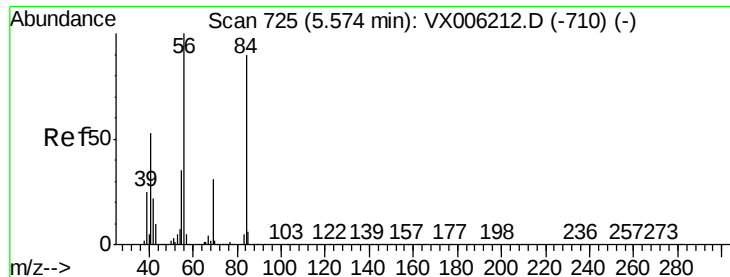
Delta R.T. 0.01 min

Lab File: VX006384.D

Acq: 10 Dec 2018 21:32

Tgt Ion:	83	Resp:	514962
Ion Ratio		Lower	Upper
83	100		
85	64.8	50.3	75.5





#31

Cyclohexane

Concen: 48.232 ug/l

RT: 5.57 min Scan# 725

Delta R.T. 0.00 min

Lab File: VX006384.D

Acq: 10 Dec 2018 21:32

Instrument :

MSVOA_X

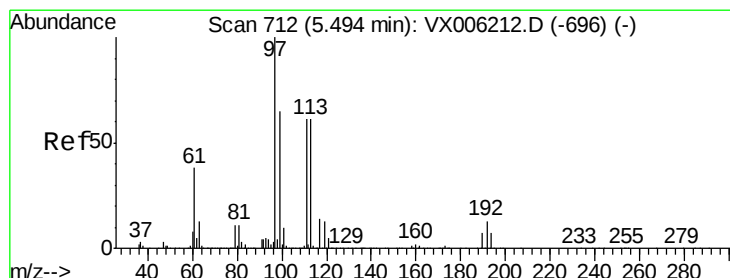
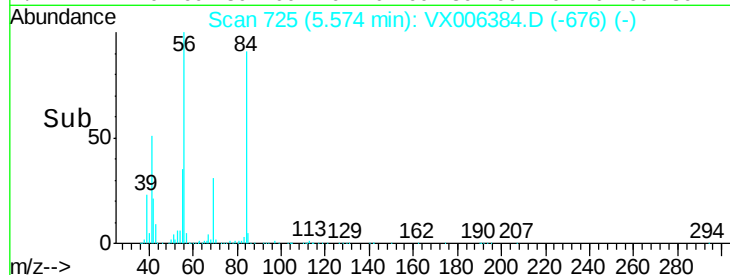
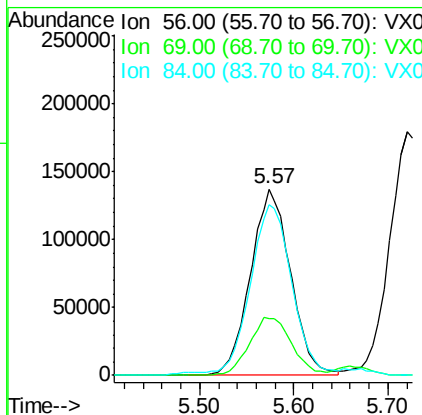
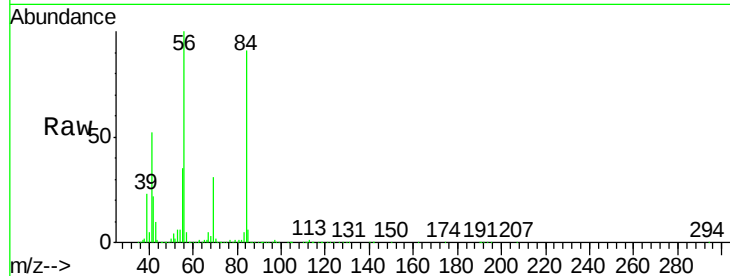
ClientSampleId :

VSTDCCC050EC

Tot Ion:	56	Resp:	408714
Ion Ratio	Lower	Upper	
56	100		
69	30.6	24.5	36.7
84	89.5	71.8	107.6

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 50.850 ug/l

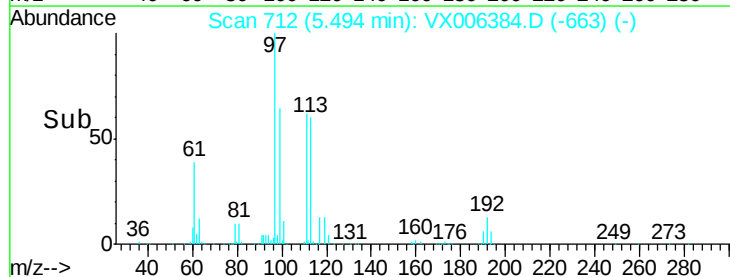
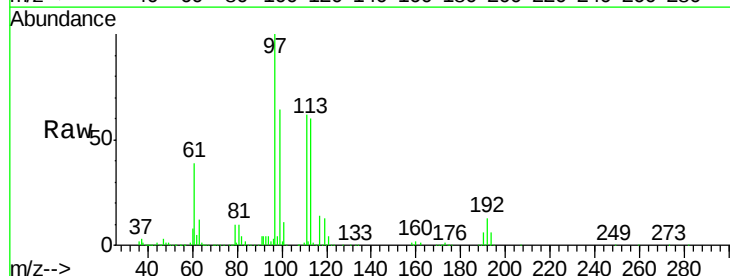
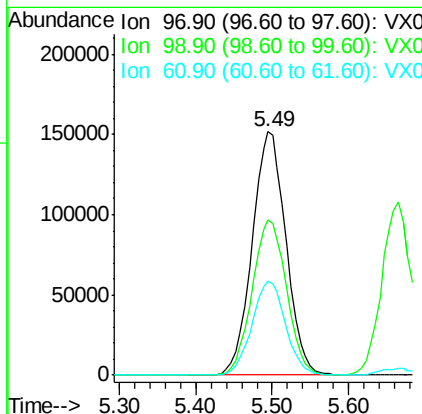
RT: 5.49 min Scan# 712

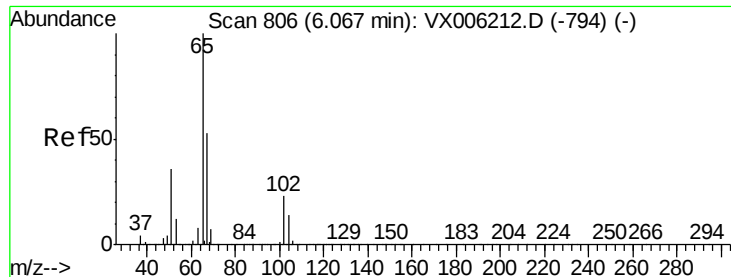
Delta R.T. 0.00 min

Lab File: VX006384.D

Acq: 10 Dec 2018 21:32

Tgt Ion:	97	Resp:	466206
Ion Ratio	Lower	Upper	
97	100		
99	64.8	51.6	77.4
61	38.3	30.6	46.0





#33

1,2-Dichloroethane-d4

Concen: 51.809 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.00 min

Lab File: VX006384.D

Acq: 10 Dec 2018 21:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 65 Resp: 303894

Ion Ratio Lower Upper

65 100

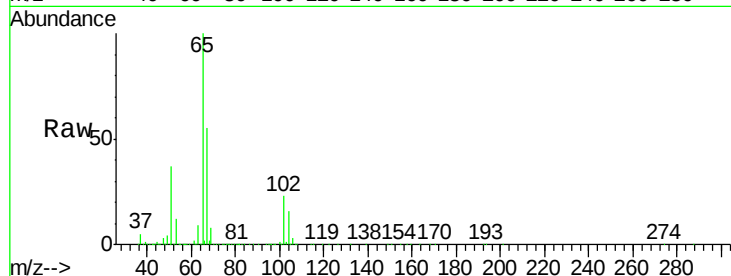
67 54.6 0.0 107.2

Manual Integrations

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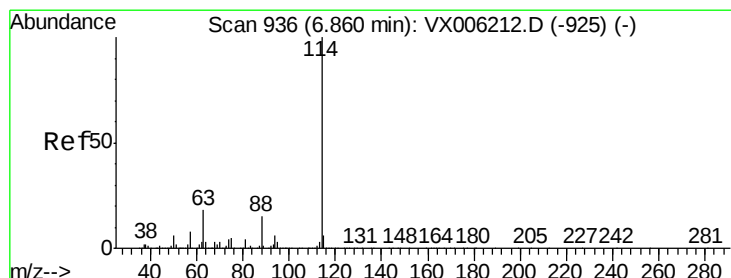
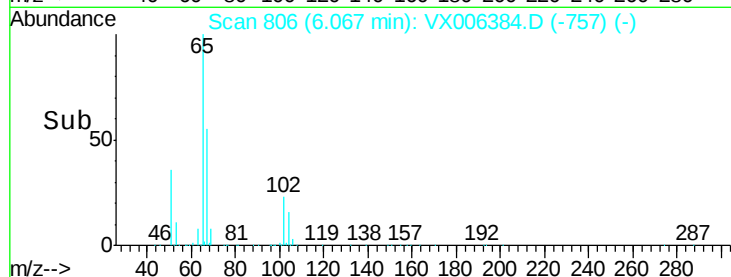
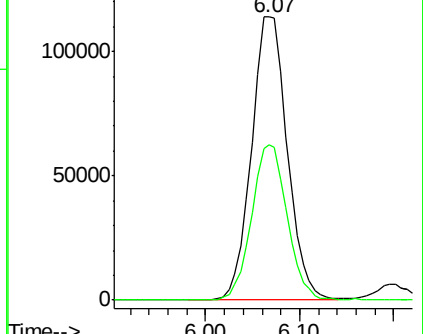
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Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. 0.00 min

Lab File: VX006384.D

Acq: 10 Dec 2018 21:32

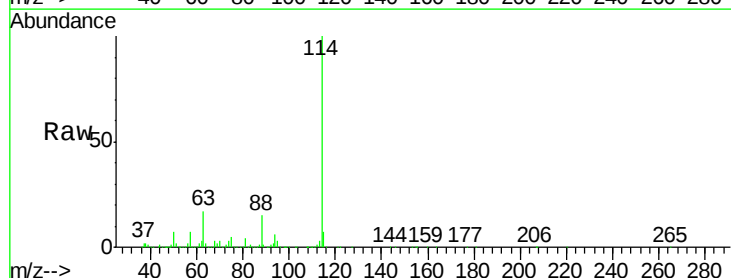
Tgt Ion: 114 Resp: 896284

Ion Ratio Lower Upper

114 100

63 17.2 0.0 36.6

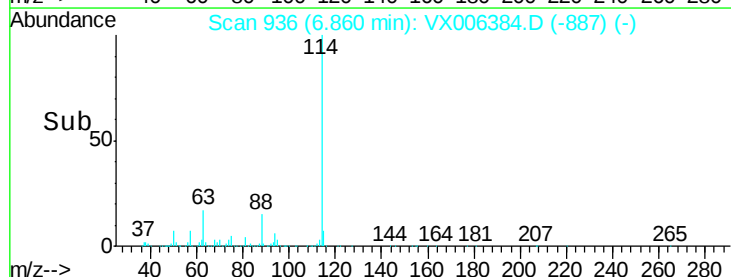
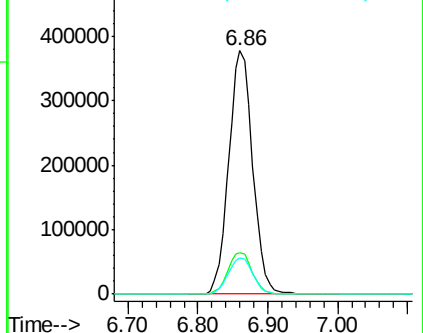
88 14.8 0.0 29.0

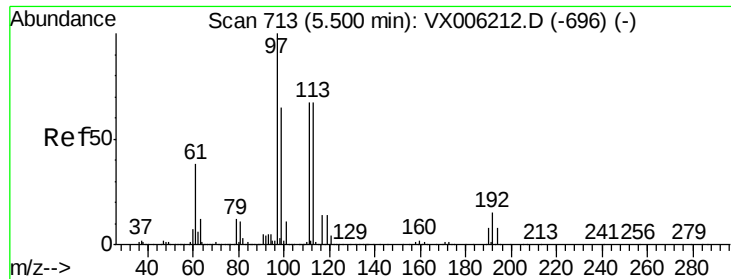


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 50.175 ug/l

RT: 5.51 min Scan# 714

Delta R.T. 0.01 min

Lab File: VX006384.D

Acq: 10 Dec 2018 21:32

Instrument :

MSVOA_X

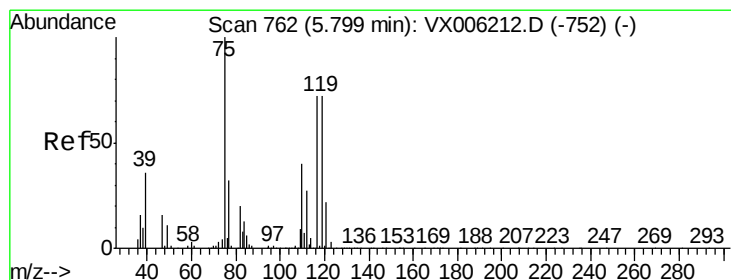
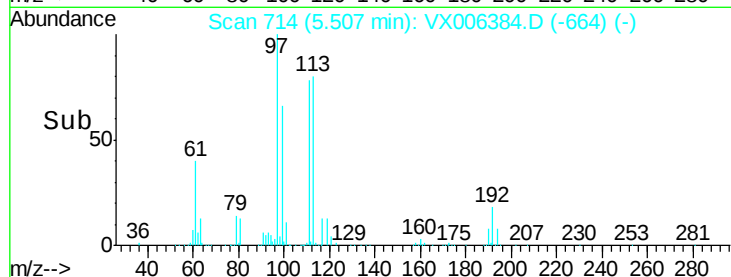
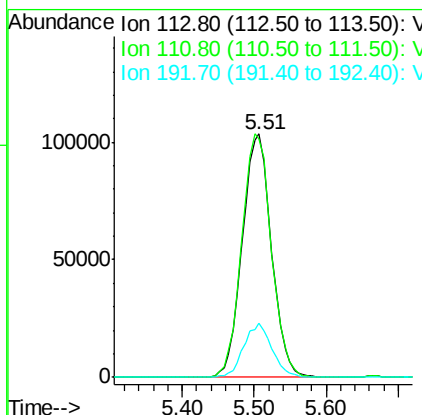
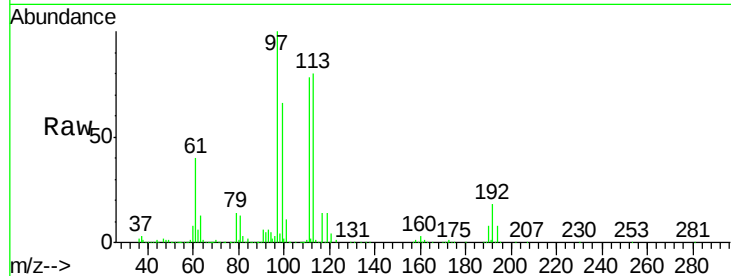
ClientSampleId :

VSTDCCC050EC

Tot Ion:	113	Resp:	291169
Ion Ratio	Lower	Upper	
113	100		
111	101.5	81.1	121.7
192	21.5	18.2	27.2

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#36

1,1-Dichloropropene

Concen: 47.384 ug/l

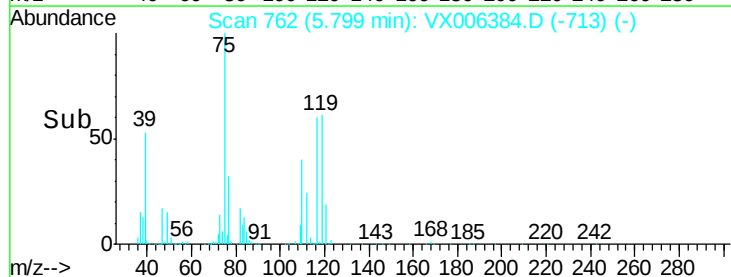
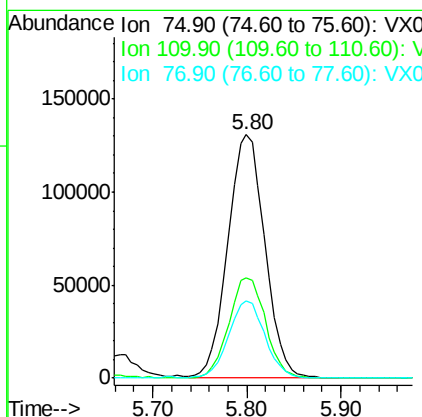
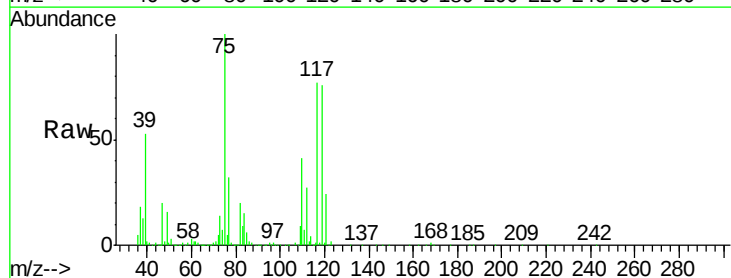
RT: 5.80 min Scan# 762

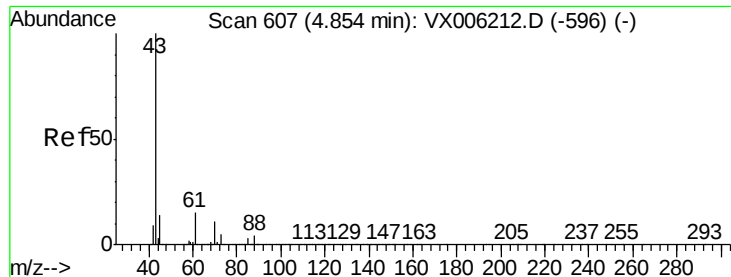
Delta R.T. 0.00 min

Lab File: VX006384.D

Acq: 10 Dec 2018 21:32

Tgt Ion:	75	Resp:	357637
Ion Ratio	Lower	Upper	
75	100		
110	41.2	20.4	61.3
77	31.2	24.9	37.3





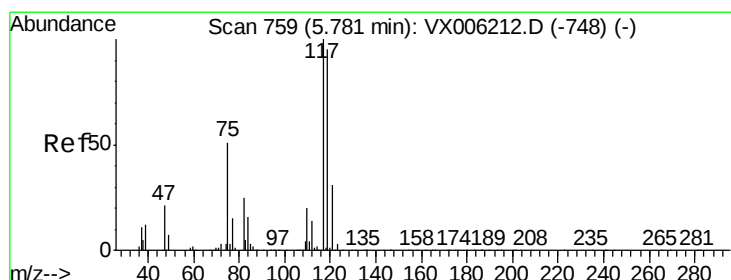
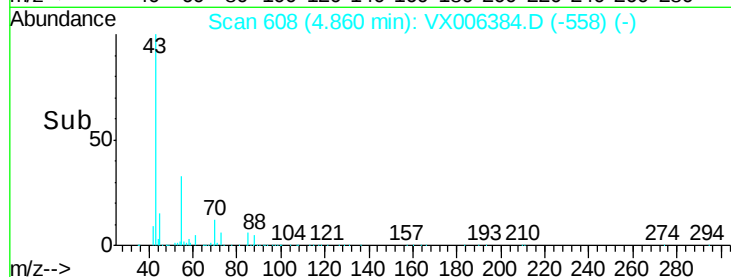
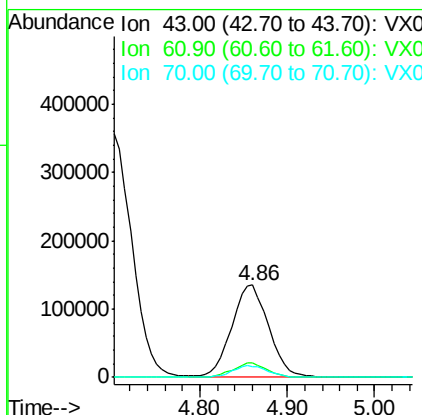
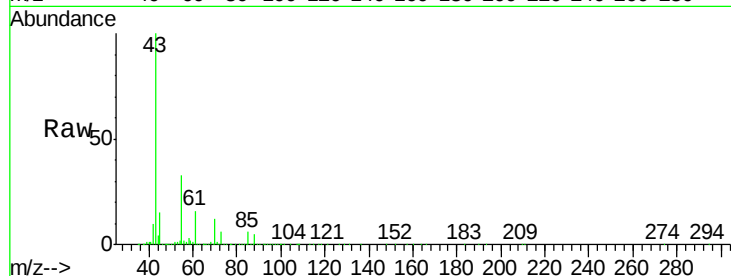
#37
Ethyl Acetate
Concen: 46.696 ug/l
RT: 4.86 min Scan# 608
Delta R.T. 0.01 min
Lab File: VX006384.D
Acq: 10 Dec 2018 21:32

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:	43	Resp:	394695
Ion	Ratio	Lower	Upper
43	100		
61	14.9	11.5	17.3
70	12.5	9.0	13.6

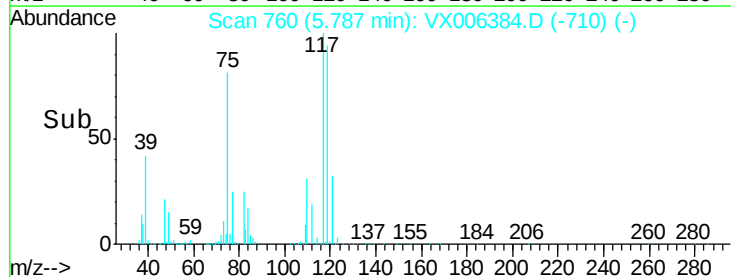
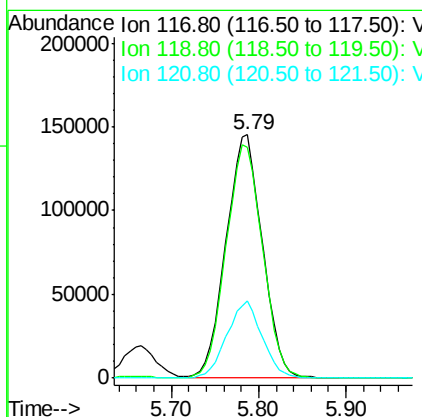
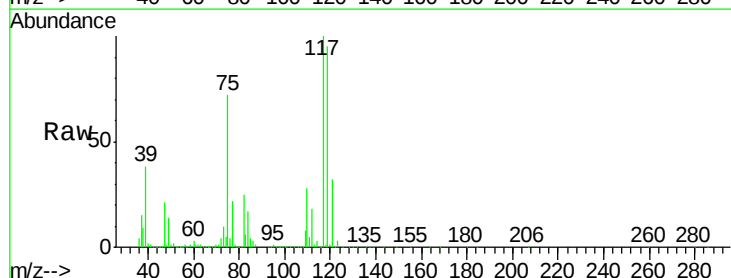
Manual Integrations
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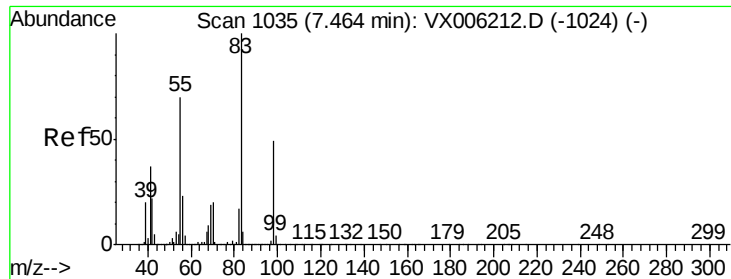
MMDadoda
12/11/2018 10:54:30 AM



#38
Carbon Tetrachloride
Concen: 47.179 ug/l
RT: 5.79 min Scan# 760
Delta R.T. 0.01 min
Lab File: VX006384.D
Acq: 10 Dec 2018 21:32

Tgt Ion:	117	Resp:	418908
Ion	Ratio	Lower	Upper
117	100		
119	94.5	75.8	113.8
121	31.6	24.6	37.0





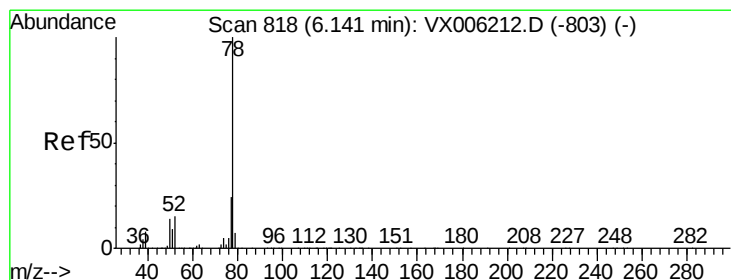
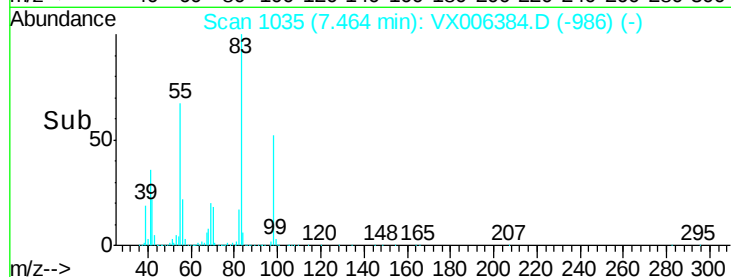
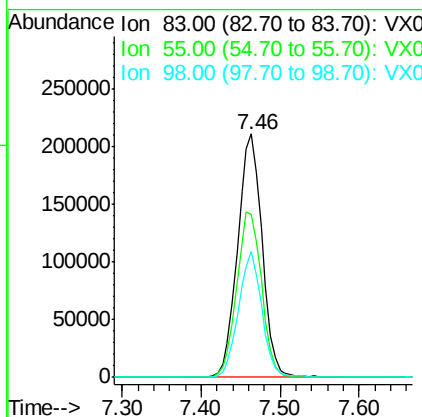
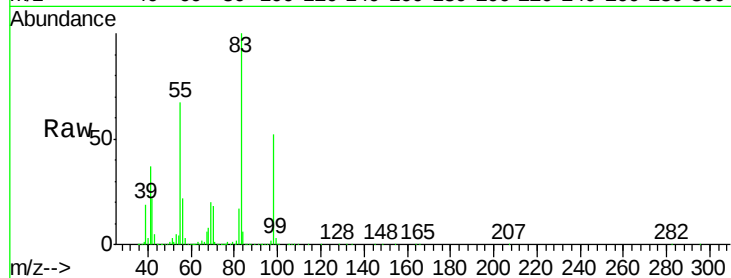
#39
Methvlcvclohexane
Concen: 46.718 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. 0.00 min
Lab File: VX006384.D
Acq: 10 Dec 2018 21:32

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
83	100		
55	66.6	56.4	84.6
98	51.6	39.0	58.6

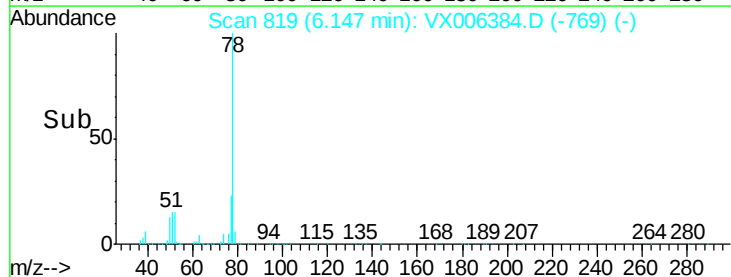
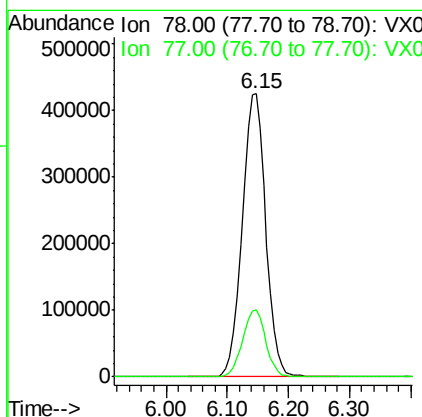
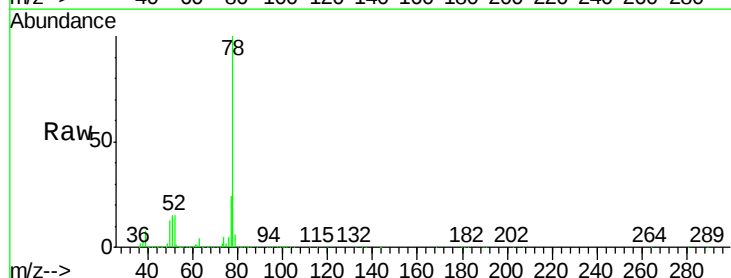
Manual Integrations
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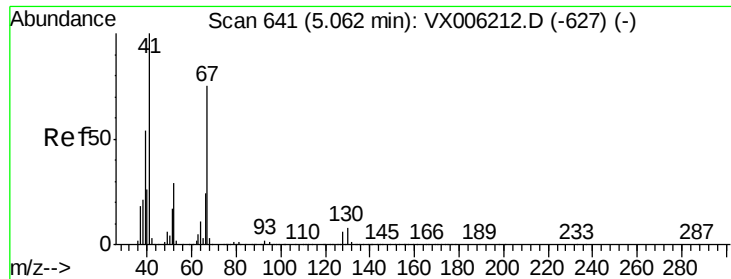
MMDadoda
12/11/2018 10:54:30 AM



#40
Benzene
Concen: 49.902 ug/l
RT: 6.15 min Scan# 819
Delta R.T. 0.01 min
Lab File: VX006384.D
Acq: 10 Dec 2018 21:32

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.6	19.2	28.8





#41

Methacrylonitrile

Concen: 47.123 ug/l

RT: 5.06 min Scan# 640

Delta R.T. -0.01 min

Lab File: VX006384.D

Acq: 10 Dec 2018 21:32

Instrument :

MSVOA_X

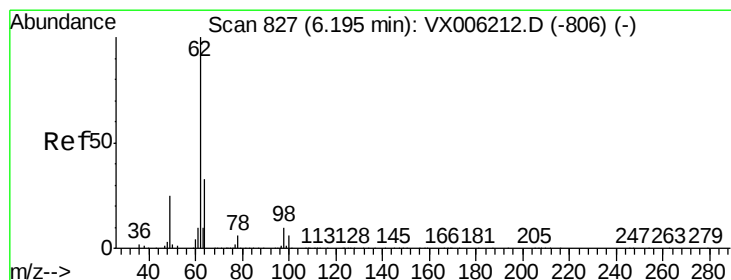
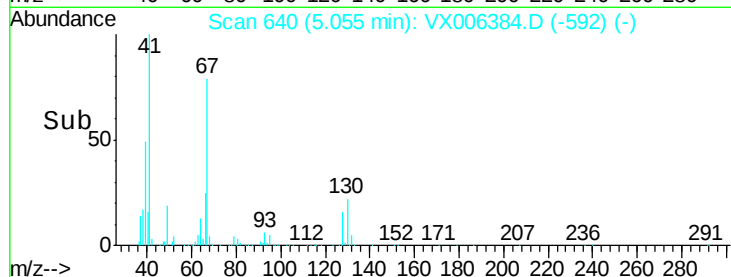
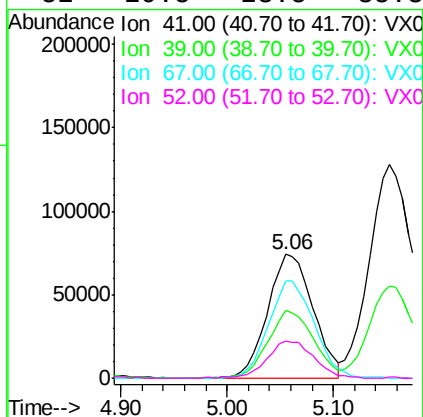
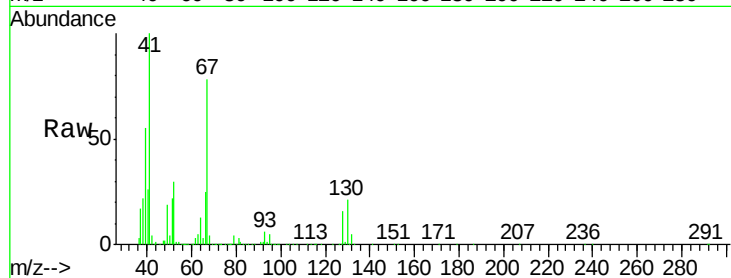
ClientSampleId :

VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
41	100		
39	54.1	44.0	66.0
67	79.2	61.4	92.0
52	29.5	23.5	35.3

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#42

1,2-Dichloroethane

Concen: 50.722 ug/l

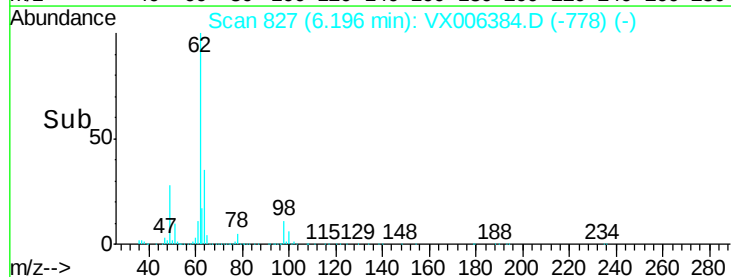
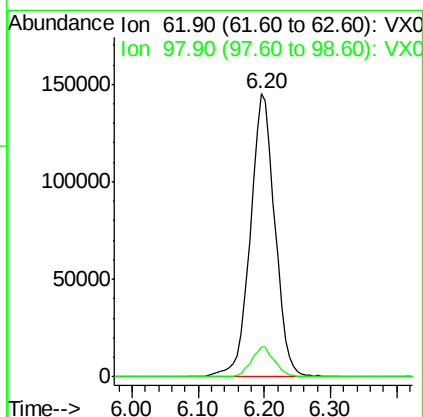
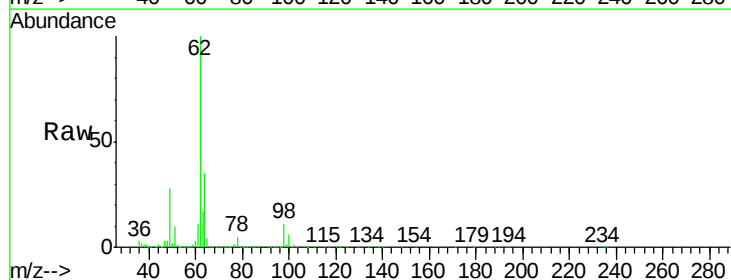
RT: 6.20 min Scan# 827

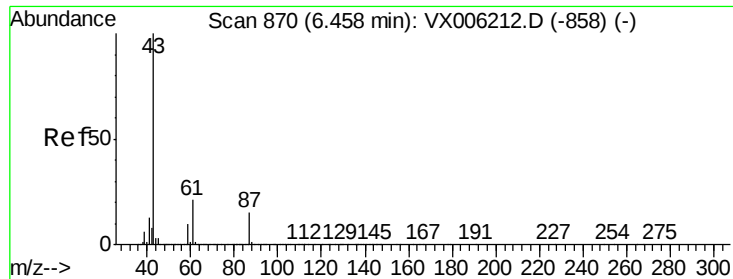
Delta R.T. 0.00 min

Lab File: VX006384.D

Acq: 10 Dec 2018 21:32

Tgt Ion	Ratio	Lower	Upper
62	100		
98	10.3	0.0	20.2





#43

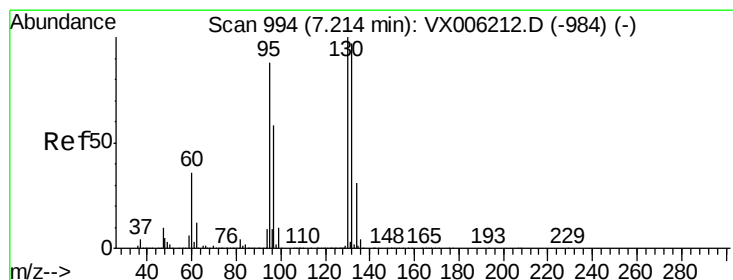
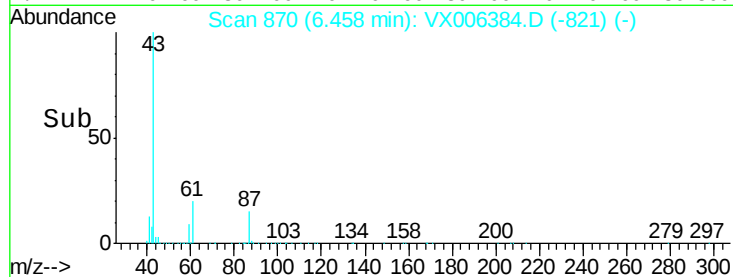
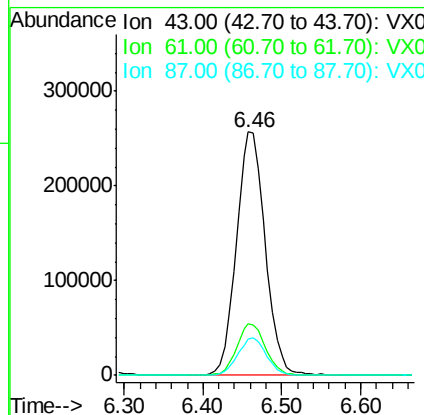
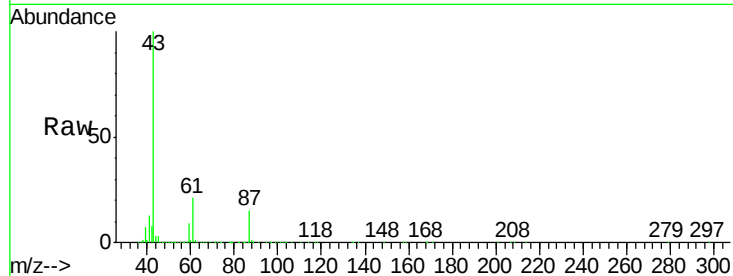
Isopropyl Acetate
 Concen: 46.053 ug/l
 RT: 6.46 min Scan# 870
 Delta R.T. 0.00 min
 Lab File: VX006384.D
 Acq: 10 Dec 2018 21:32

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	21.2	16.8	25.2
87	15.6	11.9	17.9

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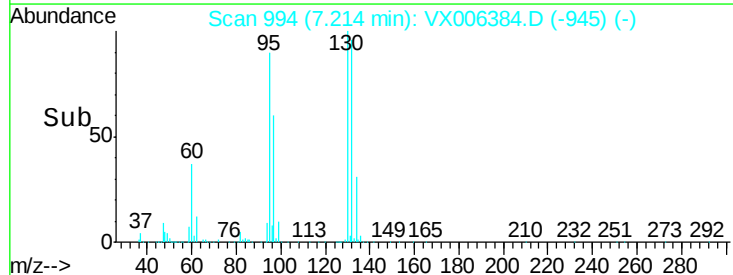
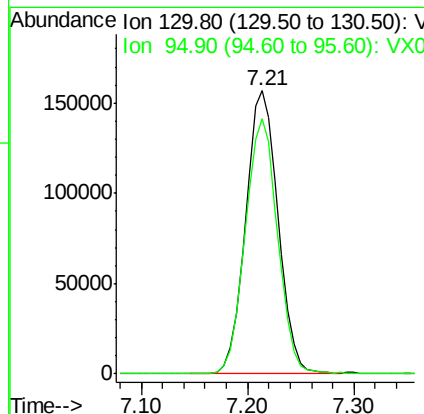
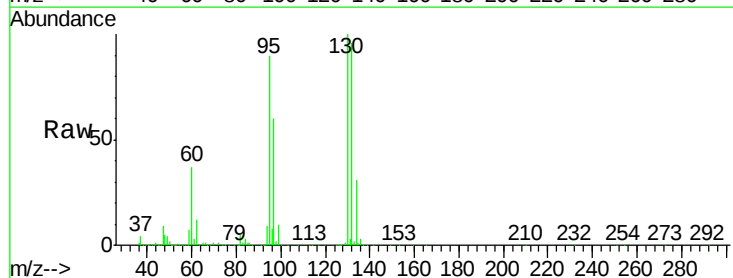
MMDadoda
 12/11/2018 10:54:30 AM

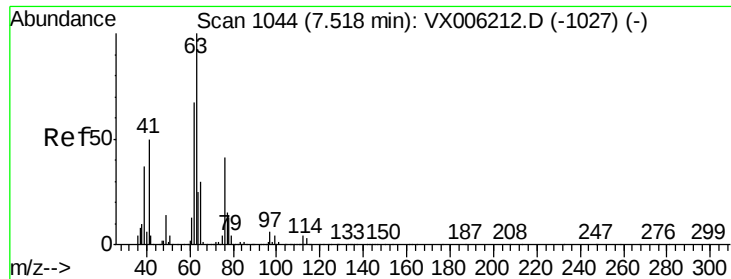


#44

Trichloroethene
 Concen: 48.997 ug/l
 RT: 7.21 min Scan# 994
 Delta R.T. 0.00 min
 Lab File: VX006384.D
 Acq: 10 Dec 2018 21:32

Tgt Ion	Ratio	Lower	Upper
130	100		
95	90.3	0.0	175.8





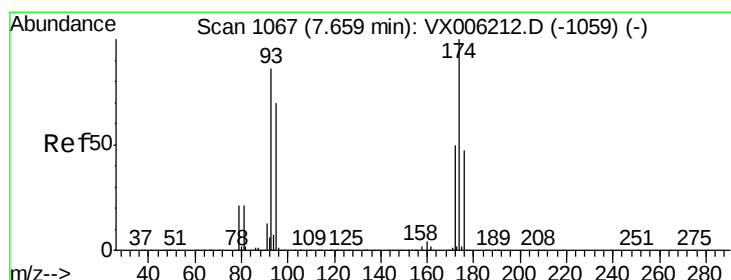
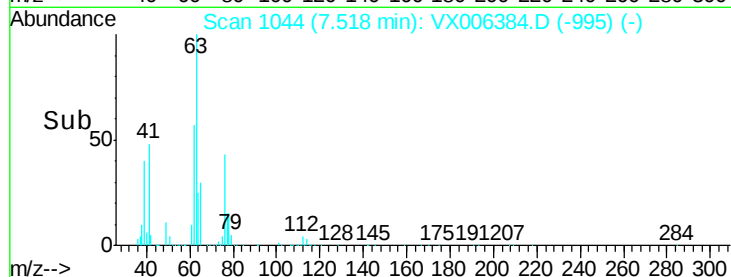
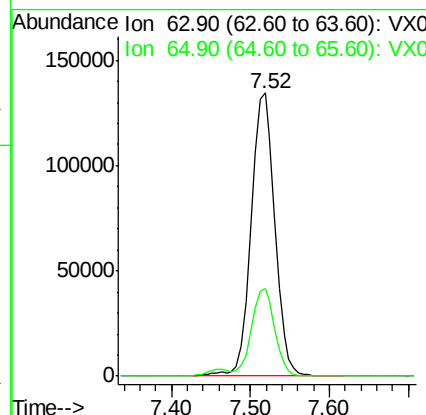
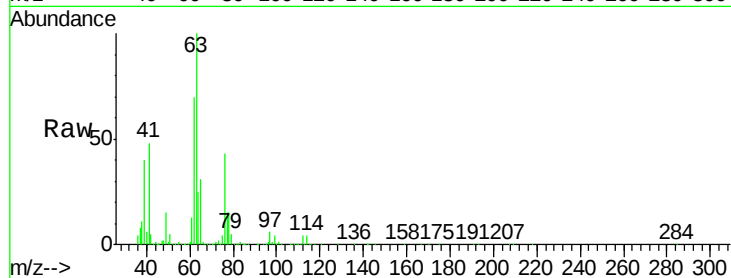
#45
 1,2-Dichloropropane
 Concen: 48.768 ug/l
 RT: 7.52 min Scan# 1044
 Delta R.T. 0.00 min
 Lab File: VX006384.D
 Acq: 10 Dec 2018 21:32

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
63	100		
65	30.8	24.3	36.5

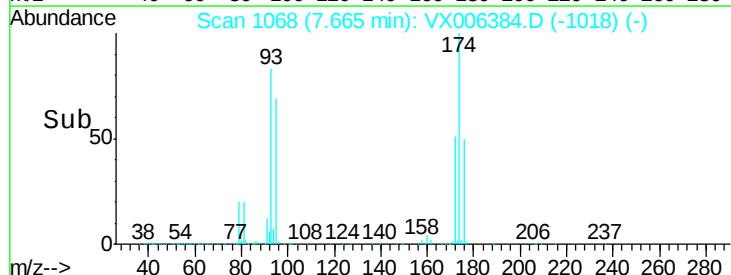
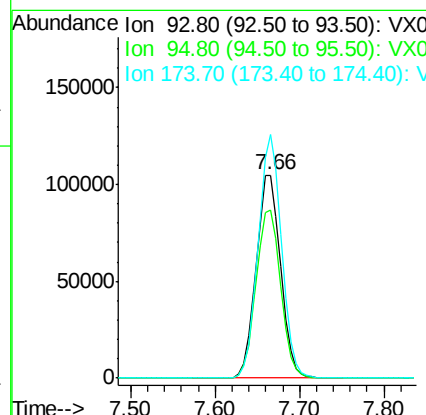
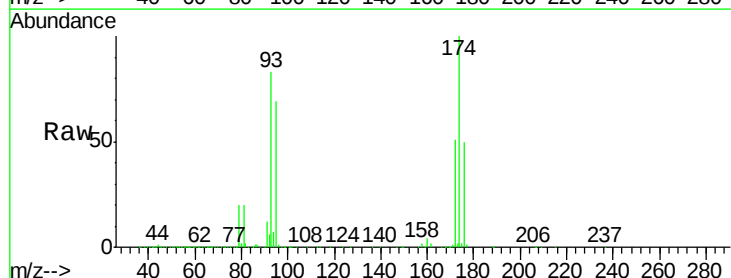
Manual Integrations
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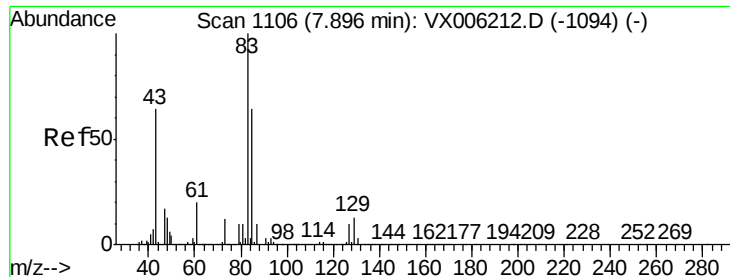
MMDadoda
 12/11/2018 10:54:30 AM



#46
 Dibromomethane
 Concen: 49.714 ug/l
 RT: 7.66 min Scan# 1068
 Delta R.T. 0.01 min
 Lab File: VX006384.D
 Acq: 10 Dec 2018 21:32

Tgt Ion	Ratio	Lower	Upper
93	100		
95	83.5	66.2	99.4
174	115.1	97.2	145.8





#47

Bromodichloromethane

Concen: 48.467 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. 0.00 min

Lab File: VX006384.D

Acq: 10 Dec 2018 21:32

Instrument :

MSVOA_X

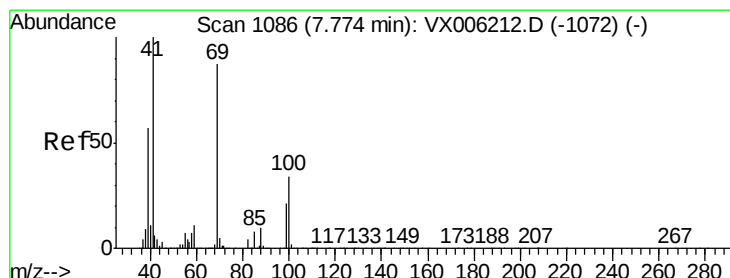
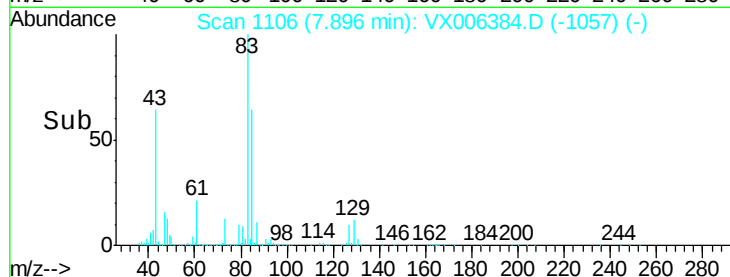
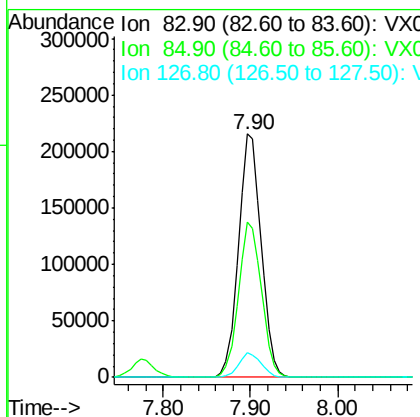
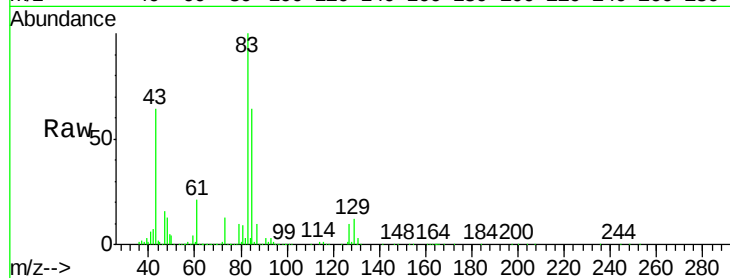
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	389452
Ion Ratio	Lower	Upper	
83	100		
85	63.7	51.4	77.0
127	10.1	7.9	11.9

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#48

Methyl methacrylate

Concen: 47.594 ug/l

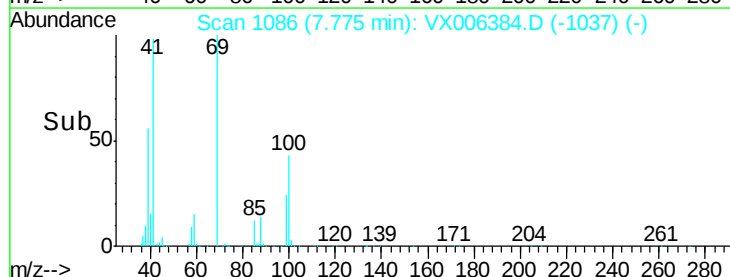
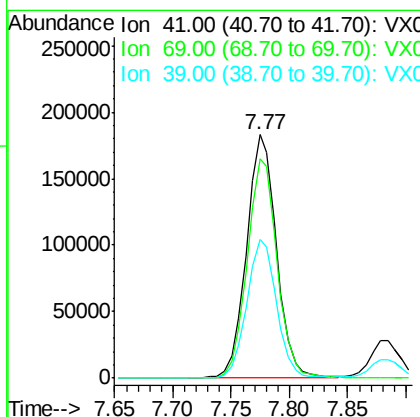
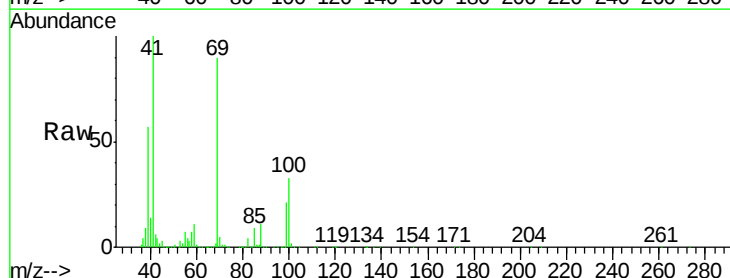
RT: 7.77 min Scan# 1086

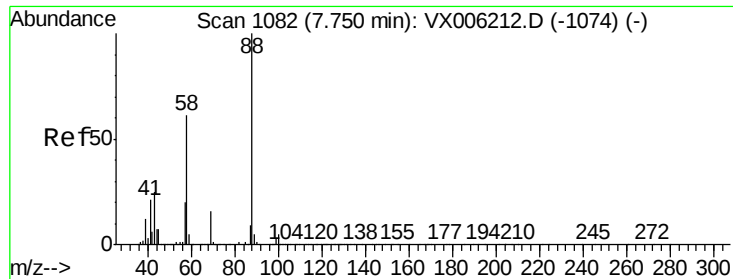
Delta R.T. 0.00 min

Lab File: VX006384.D

Acq: 10 Dec 2018 21:32

Tgt Ion:	41	Resp:	326297
Ion Ratio	Lower	Upper	
41	100		
69	90.6	70.3	105.5
39	57.5	45.3	67.9





#49

1,4-Dioxane

Concen: 985.800 ug/l

RT: 7.75 min Scan# 1082

Delta R.T. 0.00 min

Lab File: VX006384.D

Acq: 10 Dec 2018 21:32

Instrument :

MSVOA_X

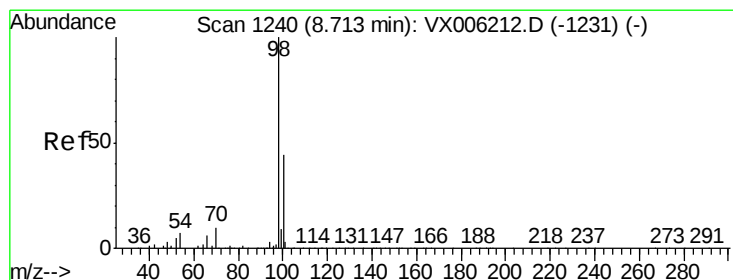
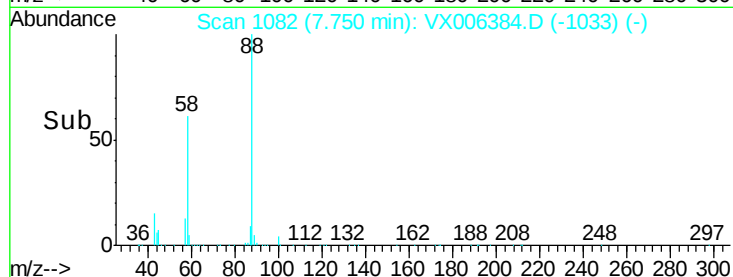
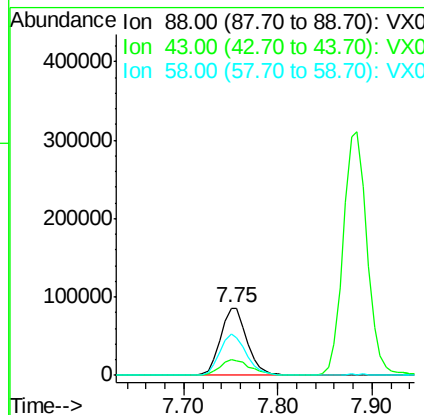
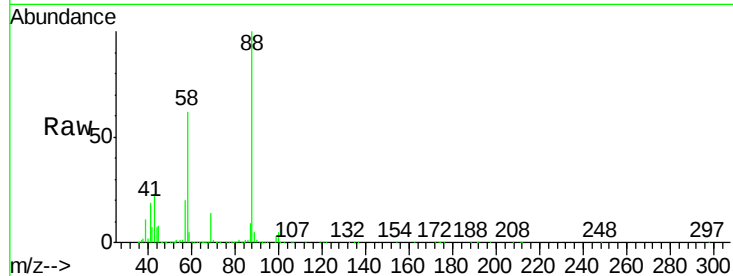
ClientSampleId :

VSTDCCC050EC

Tot Ion:	88	Resp:	166573
Ion	Ratio	Lower	Upper
88	100		
43	26.7	23.2	34.8
58	62.4	51.4	77.0

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#50

Toluene-d8

Concen: 49.236 ug/l

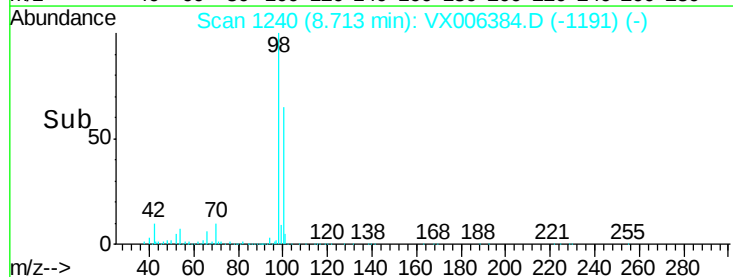
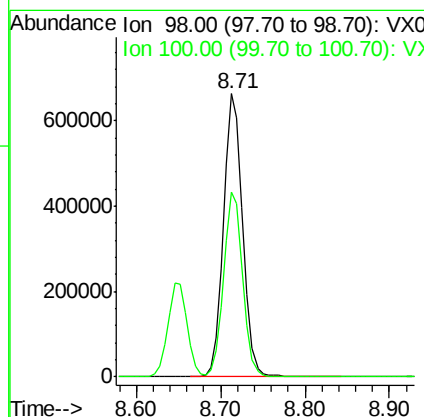
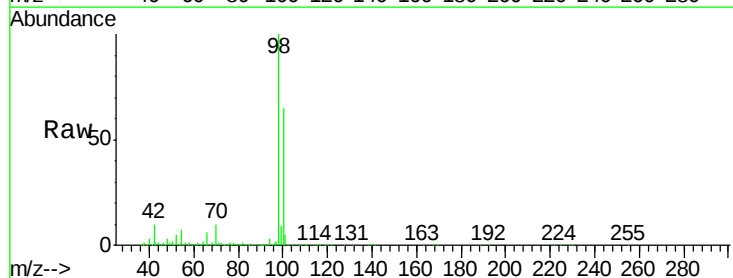
RT: 8.71 min Scan# 1240

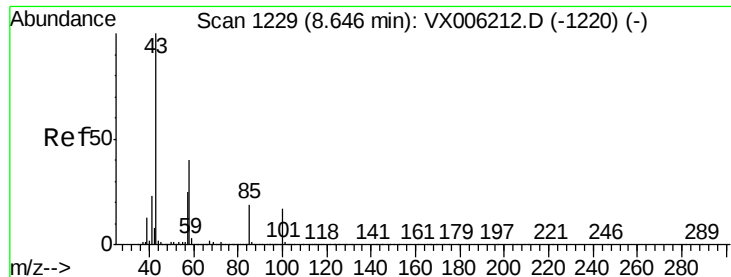
Delta R.T. 0.00 min

Lab File: VX006384.D

Acq: 10 Dec 2018 21:32

Tgt Ion:	98	Resp:	1039291
Ion	Ratio	Lower	Upper
98	100		
100	65.3	52.2	78.2





#51

4-Methyl-2-Pentanone

Concen: 244.568 ug/l

RT: 8.65 min Scan# 1229

Delta R.T. 0.00 min

Lab File: VX006384.D

Acq: 10 Dec 2018 21:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 2006408

Ion Ratio Lower Upper

43 100

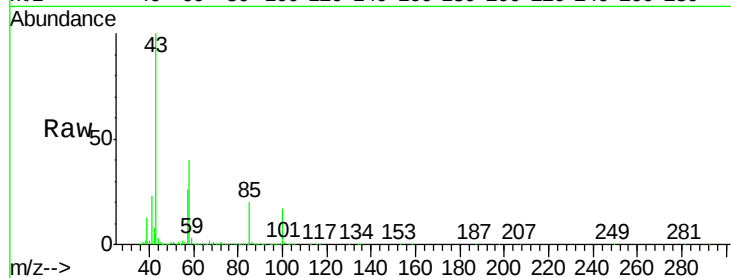
58 40.0 31.3 46.9

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

1500000

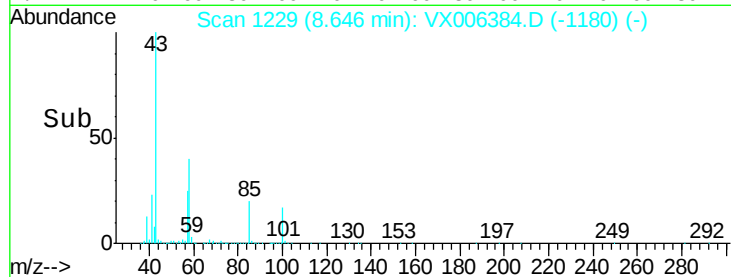
1000000

500000

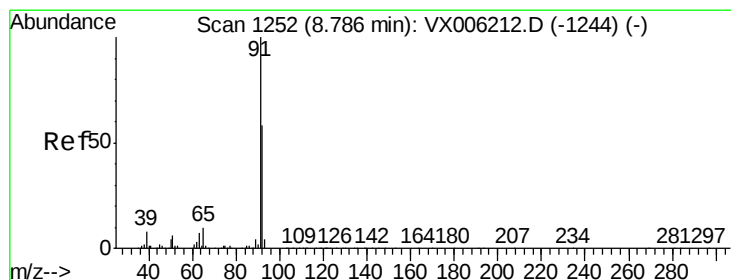
0

8.65

8.60 8.70 8.80



Time-->



#52

Toluene

Concen: 49.843 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. 0.00 min

Lab File: VX006384.D

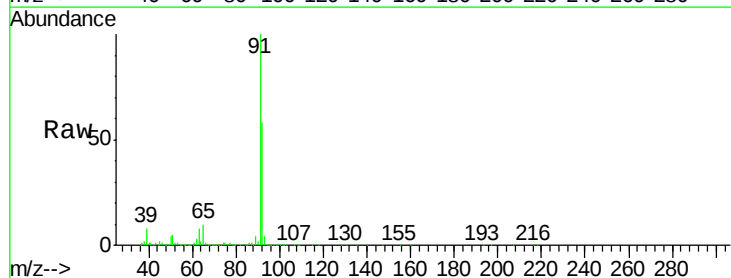
Acq: 10 Dec 2018 21:32

Tgt Ion: 92 Resp: 741287

Ion Ratio Lower Upper

92 100

91 173.4 139.2 208.8



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

800000

600000

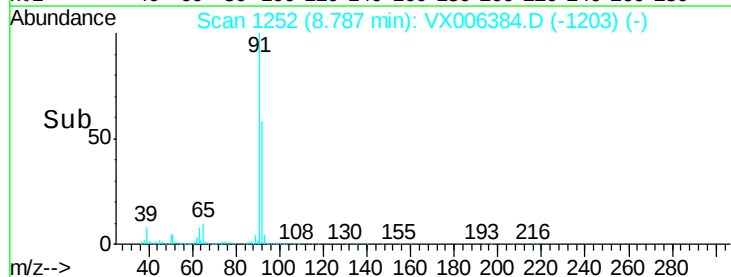
400000

200000

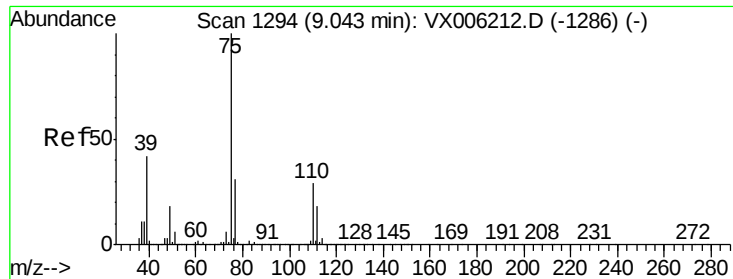
0

8.79

8.70 8.80 8.90 9.00



Time-->



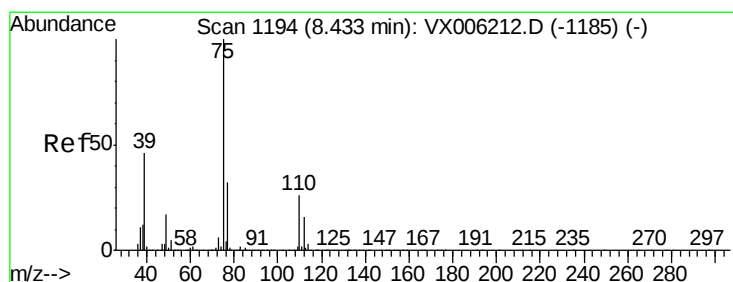
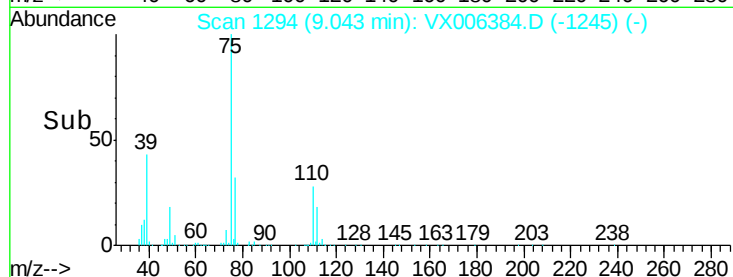
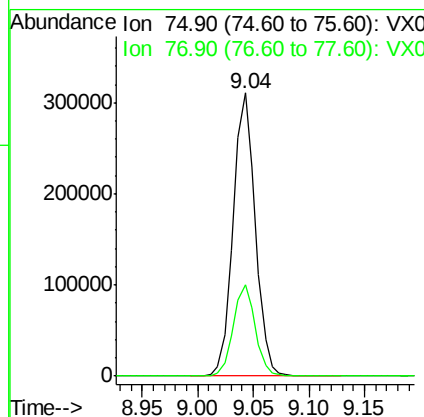
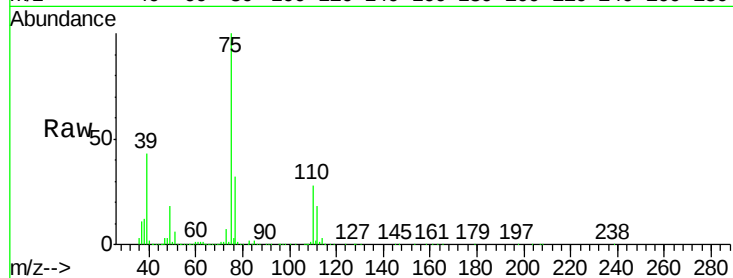
#53
t-1,3-Dichloropropene
Concen: 45.366 ug/l
RT: 9.04 min Scan# 1294
Delta R.T. 0.00 min
Lab File: VX006384.D
Acq: 10 Dec 2018 21:32

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
75	100		
77	32.5	25.0	37.4

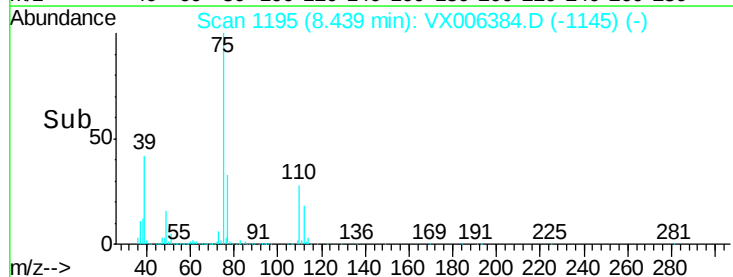
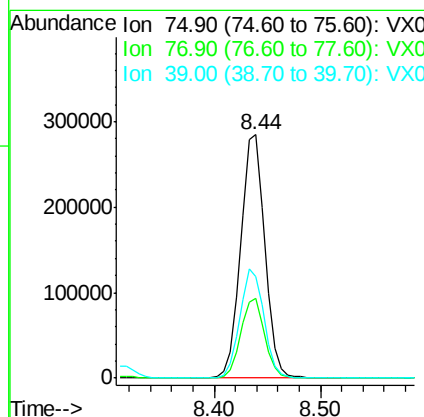
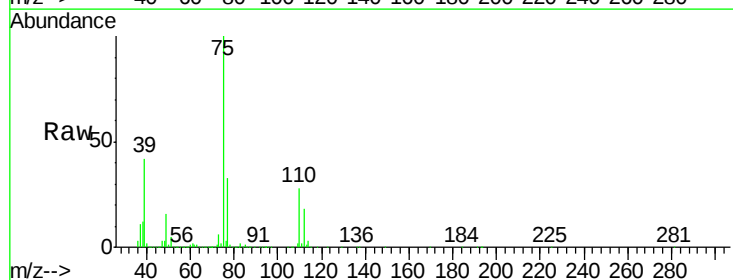
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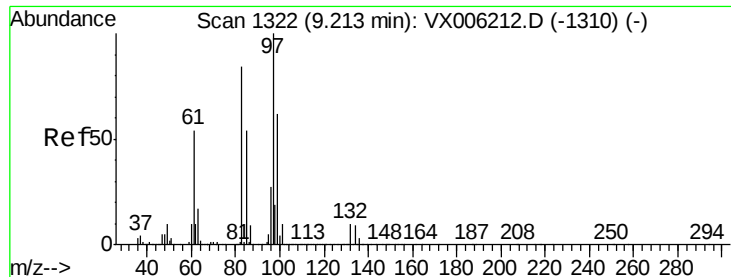
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#54
cis-1,3-Dichloropropene
Concen: 46.581 ug/l
RT: 8.44 min Scan# 1195
Delta R.T. 0.01 min
Lab File: VX006384.D
Acq: 10 Dec 2018 21:32

Tgt Ion	Ratio	Lower	Upper
75	100		
77	32.6	25.6	38.4
39	41.8	36.5	54.7





#55

1,1,2-Trichloroethane

Concen: 52.267 ug/l

RT: 9.21 min Scan# 1322

Delta R.T. 0.00 min

Lab File: VX006384.D

Acq: 10 Dec 2018 21:32

Instrument :

MSVOA_X

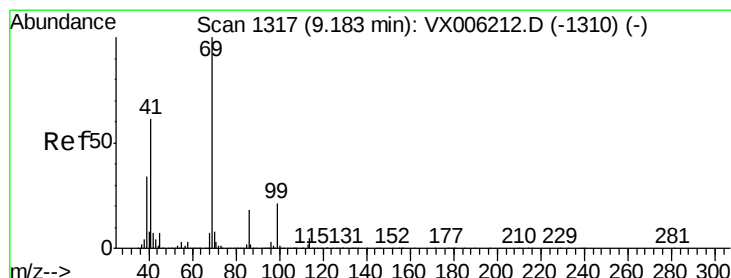
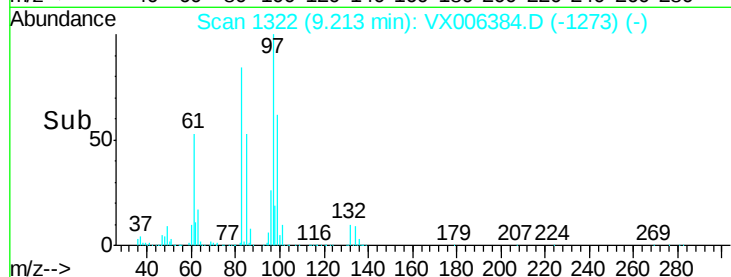
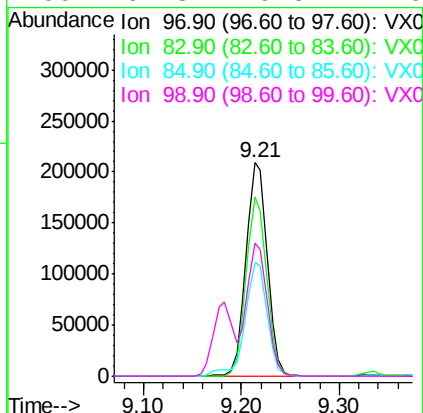
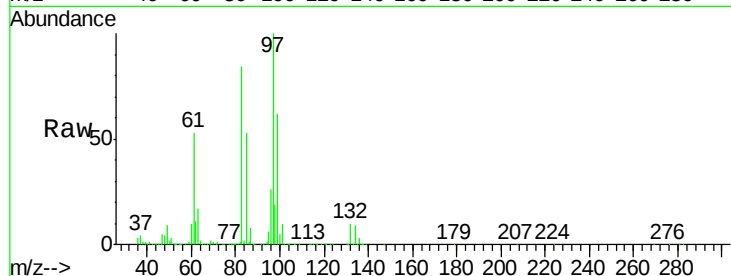
ClientSampleId :

VSTDCCC050EC

Tot Ion:	97	Resp:	315799
Ion	Ratio	Lower	Upper
97	100		
83	83.7	67.1	100.7
85	53.0	43.2	64.8
99	62.3	49.8	74.6

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#56

Ethyl methacrylate

Concen: 49.953 ug/l

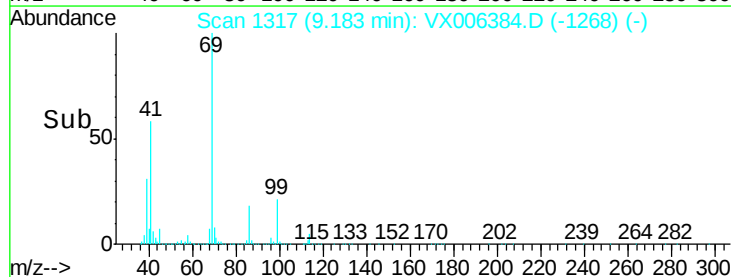
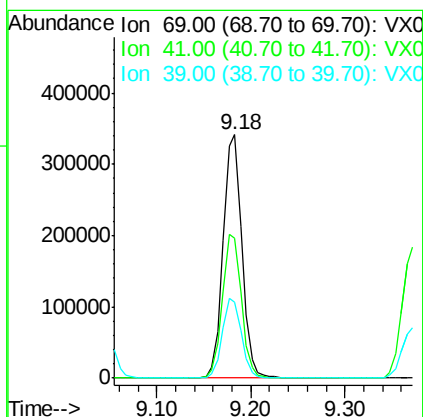
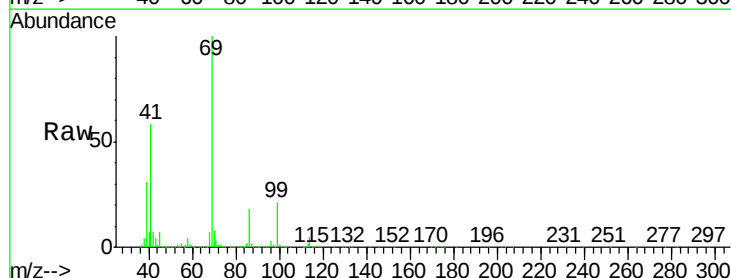
RT: 9.18 min Scan# 1317

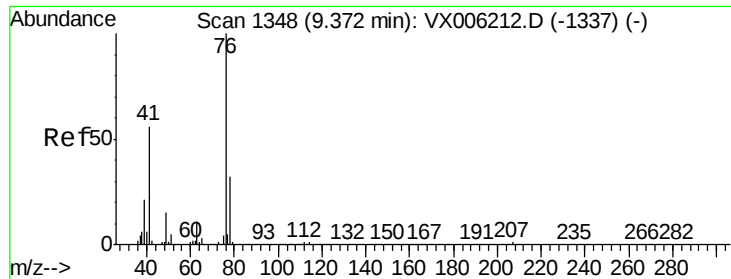
Delta R.T. 0.00 min

Lab File: VX006384.D

Acq: 10 Dec 2018 21:32

Tgt Ion:	69	Resp:	471833
Ion	Ratio	Lower	Upper
69	100		
41	59.9	50.6	76.0
39	33.4	27.6	41.4





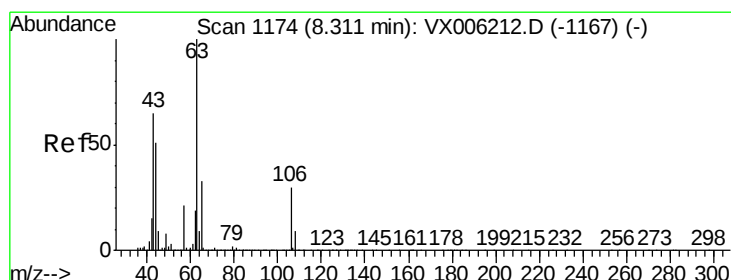
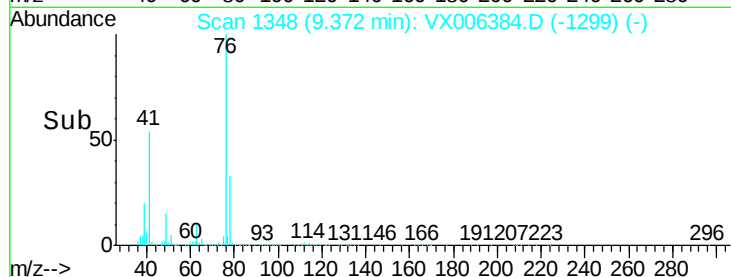
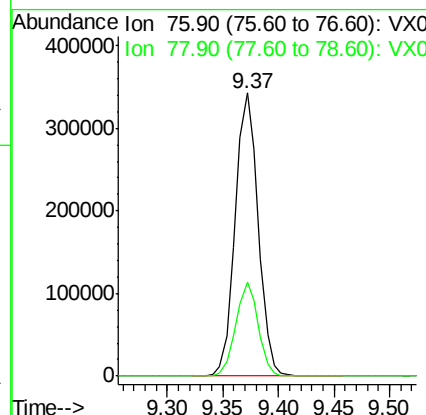
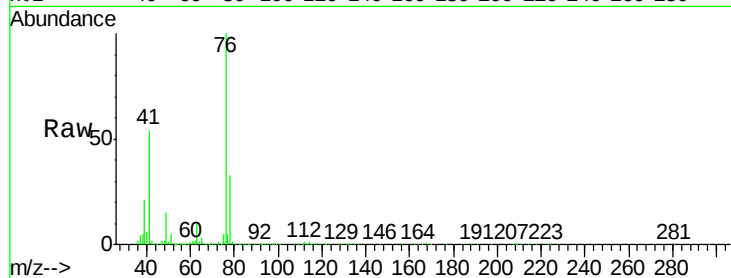
#57
 1,3-Dichloropropane
 Concen: 51.154 ug/l
 RT: 9.37 min Scan# 1348
 Delta R.T. 0.00 min
 Lab File: VX006384.D
 Acq: 10 Dec 2018 21:32

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.3	26.1	39.1

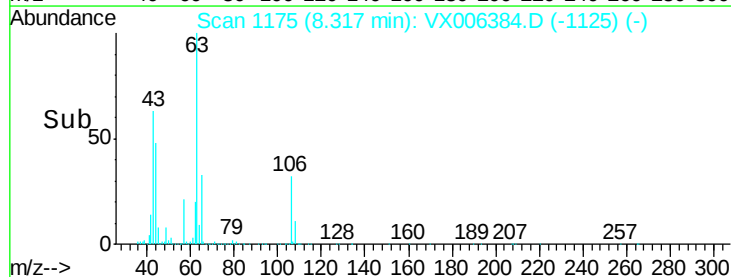
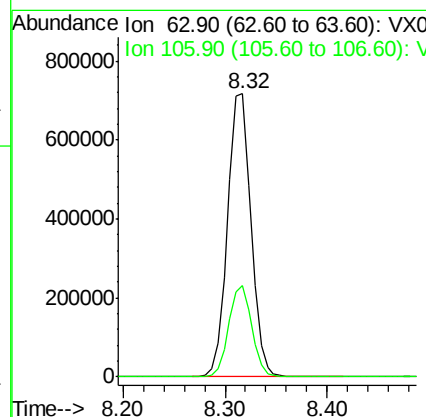
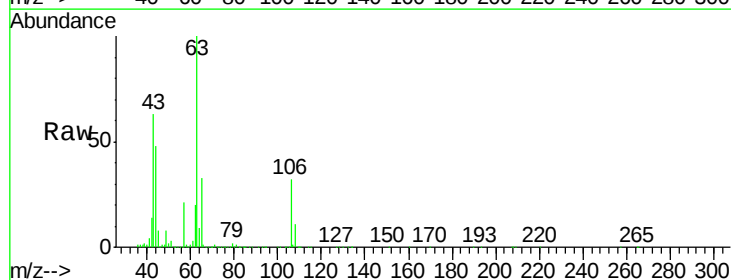
Manual Integrations
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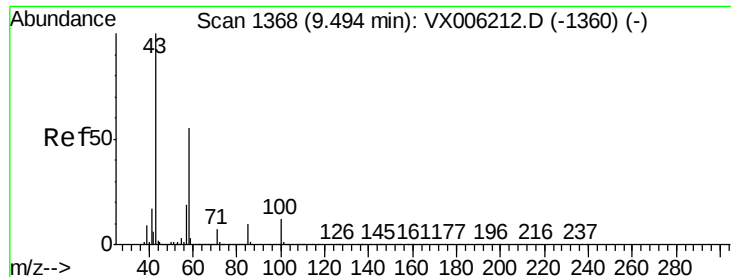
MMDadoda
 12/11/2018 10:54:30 AM



#58
 2-Chloroethyl Vinyl ether
 Concen: 238.555 ug/l
 RT: 8.32 min Scan# 1175
 Delta R.T. 0.01 min
 Lab File: VX006384.D
 Acq: 10 Dec 2018 21:32

Tgt Ion	Ratio	Lower	Upper
63	100		
106	31.6	24.9	37.3





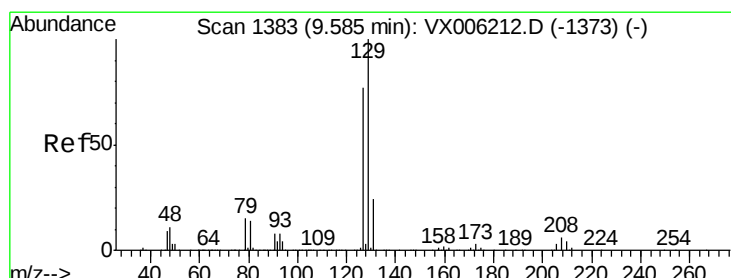
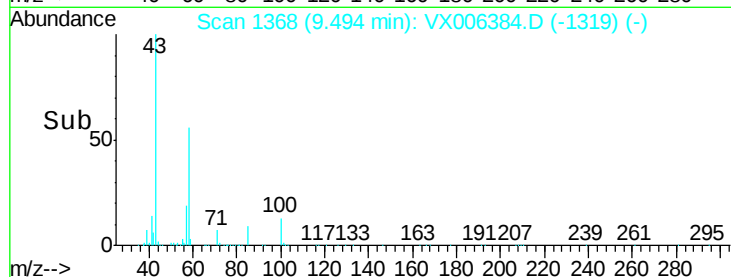
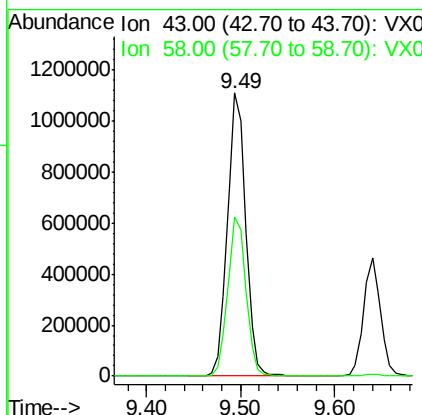
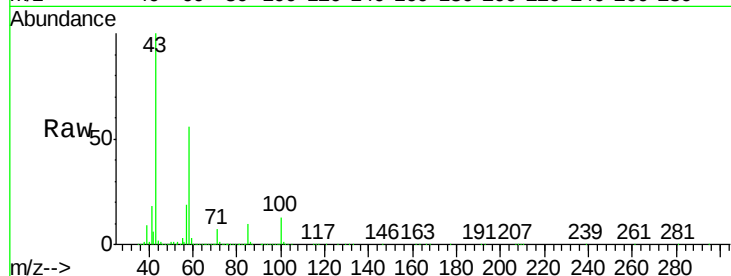
#59
2-Hexanone
Concen: 238.972 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. 0.00 min
Lab File: VX006384.D
Acq: 10 Dec 2018 21:32

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 1497823
Ion Ratio Lower Upper
43 100
58 56.2 27.7 83.1

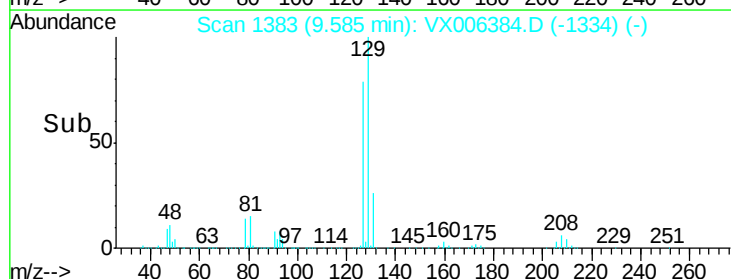
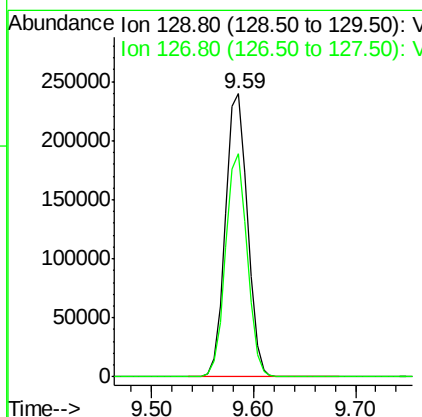
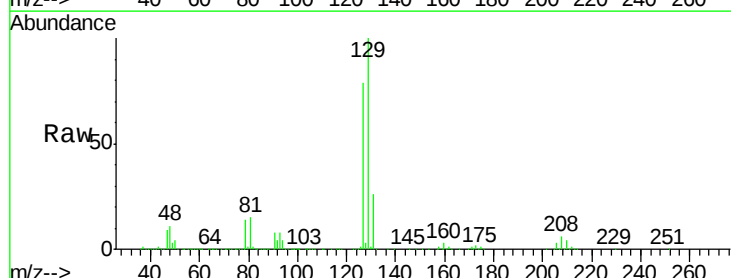
Manual Integrations
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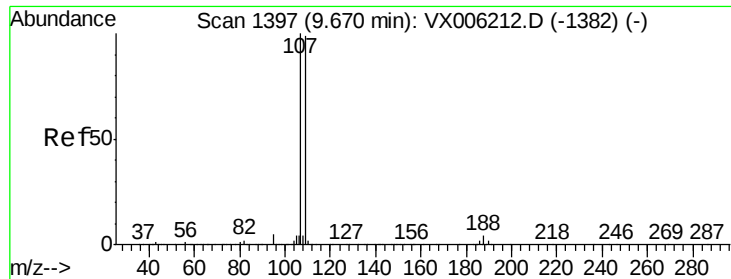
MMDadoda
12/11/2018 10:54:30 AM



#60
Dibromochloromethane
Concen: 48.059 ug/l
RT: 9.59 min Scan# 1383
Delta R.T. 0.00 min
Lab File: VX006384.D
Acq: 10 Dec 2018 21:32

Tgt Ion:129 Resp: 358053
Ion Ratio Lower Upper
129 100
127 77.4 38.6 115.8





#61

1,2-Dibromoethane

Concen: 50.476 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. 0.00 min

Lab File: VX006384.D

Acq: 10 Dec 2018 21:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 107 Resp: 341007

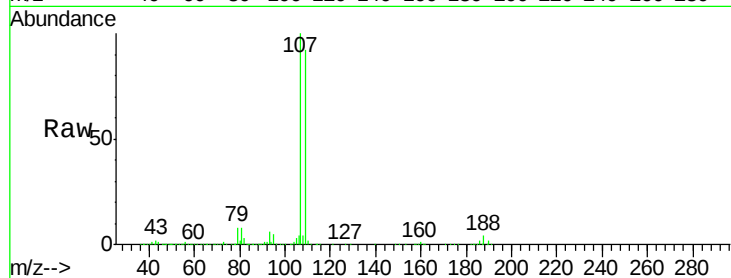
Ion Ratio Lower Upper

107 100

109 94.1 76.3 114.5

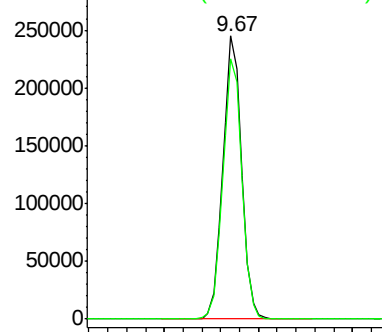
Manual Integrations
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MMDadoda
12/11/2018 10:54:30 AM

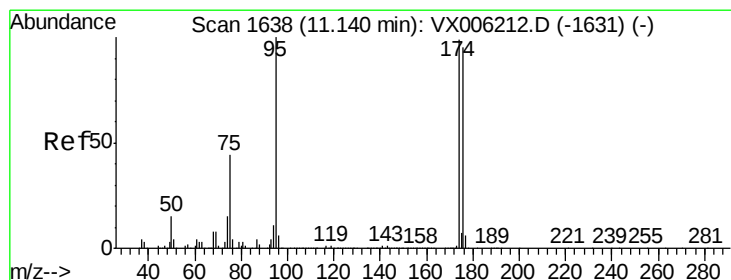
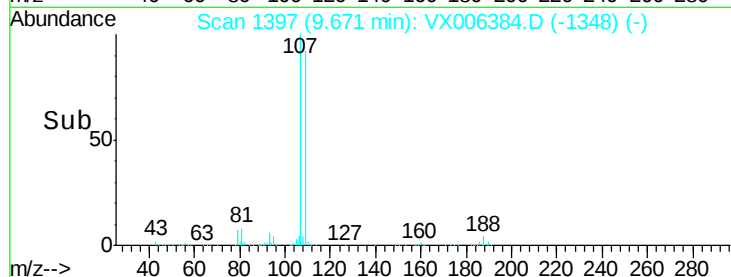


Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



Time-->



#62

4-Bromofluorobenzene

Concen: 50.585 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.01 min

Lab File: VX006384.D

Acq: 10 Dec 2018 21:32

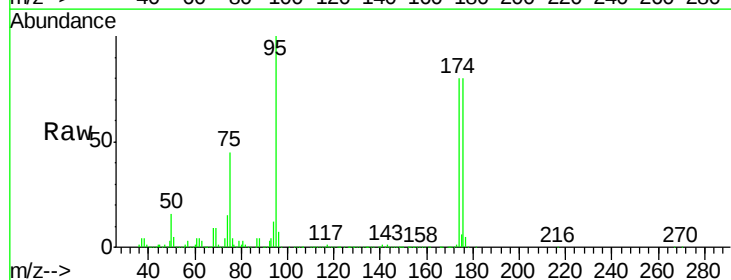
Tgt Ion: 95 Resp: 402361

Ion Ratio Lower Upper

95 100

174 90.6 0.0 187.0

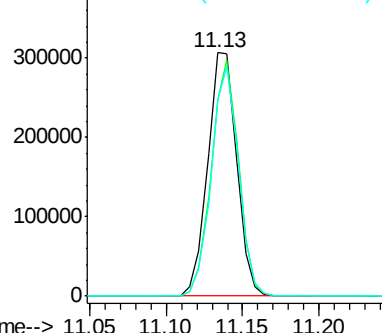
176 88.7 0.0 181.8



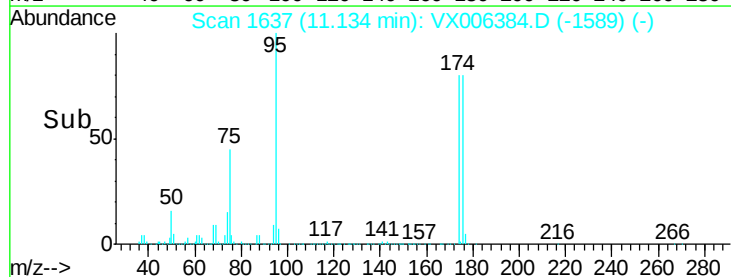
Abundance Ion 94.90 (94.60 to 95.60): VX0

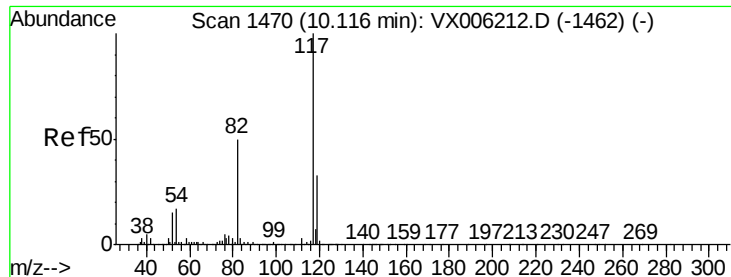
Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V



Time-->





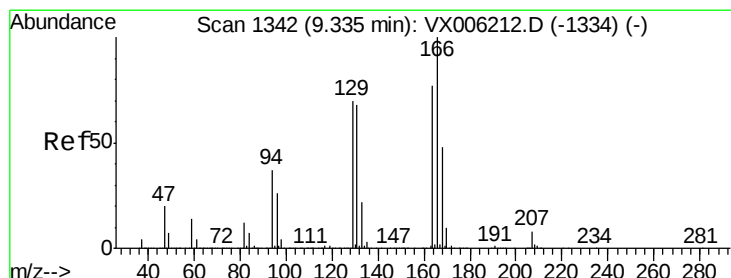
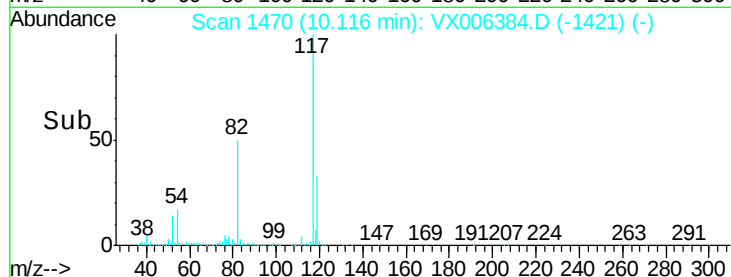
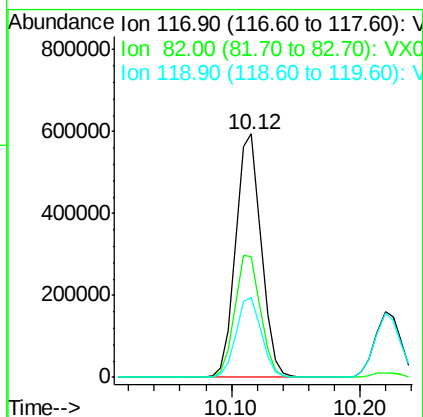
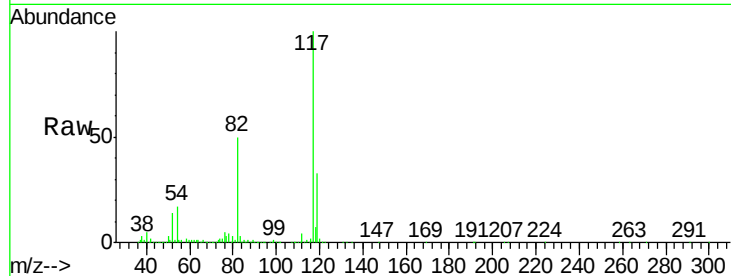
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VX006384.D
Acq: 10 Dec 2018 21:32

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
117	100	819413		
82	49.8		39.6	59.4
119	33.0		26.3	39.5

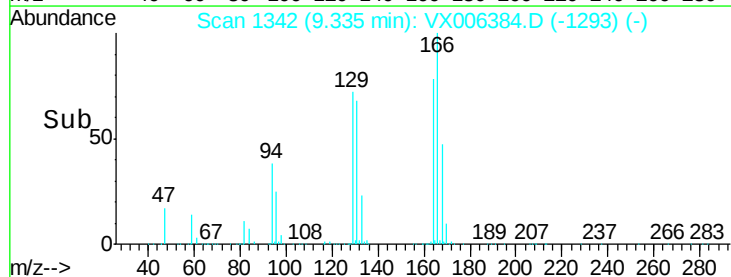
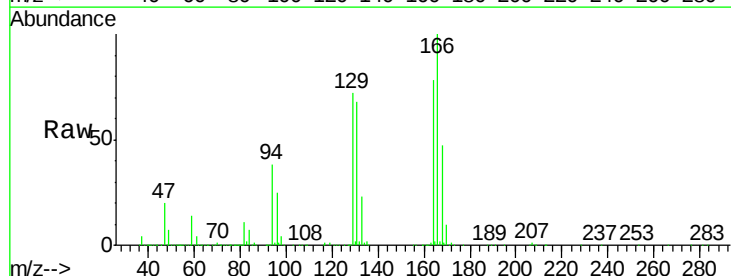
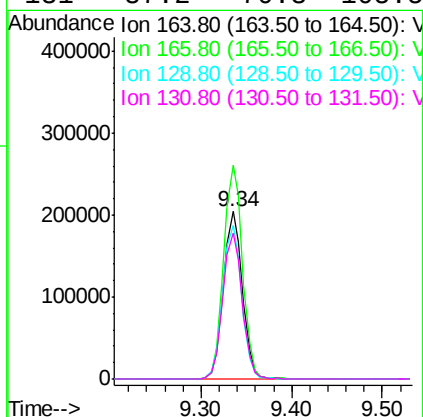
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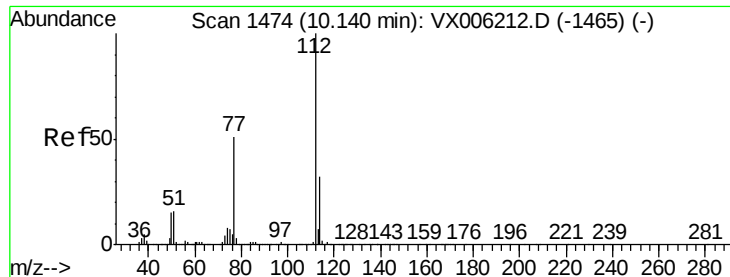
MMDadoda
12/11/2018 10:54:30 AM



#64
Tetrachloroethene
Concen: 48.259 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX006384.D
Acq: 10 Dec 2018 21:32

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	297803		
166	127.7		104.2	156.2
129	91.7		72.6	108.8
131	87.2		70.3	105.5





#65

Chlorobenzene

Concen: 50.602 ug/l

RT: 10.14 min Scan# 1474

Delta R.T. 0.00 min

Lab File: VX006384.D

Acq: 10 Dec 2018 21:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:112 Resp: 880195

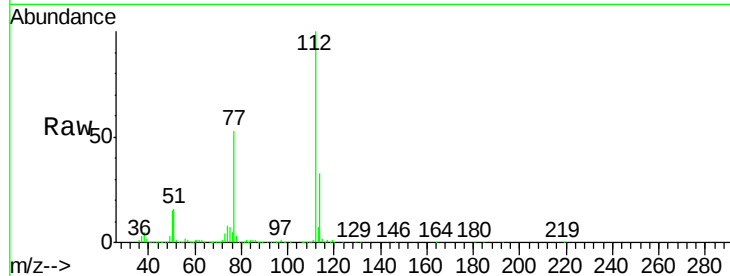
Ion Ratio Lower Upper

112 100

114 32.9 25.4 38.2

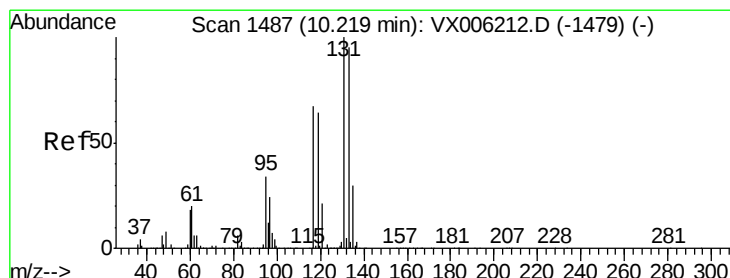
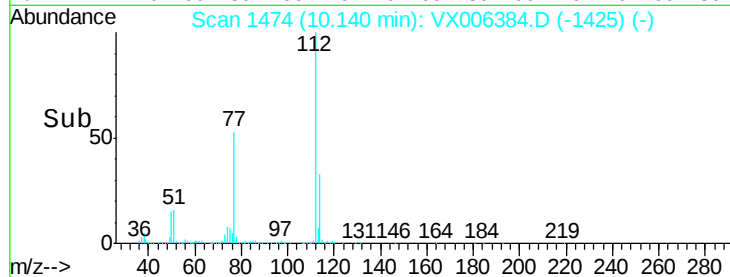
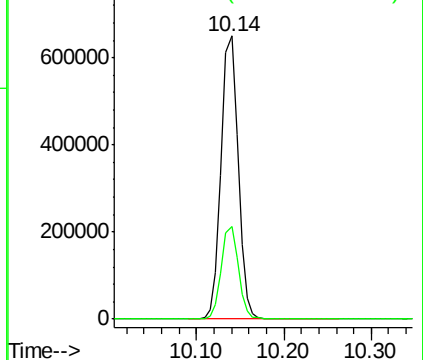
Manual Integrations
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Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 49.082 ug/l

RT: 10.22 min Scan# 1487

Delta R.T. 0.00 min

Lab File: VX006384.D

Acq: 10 Dec 2018 21:32

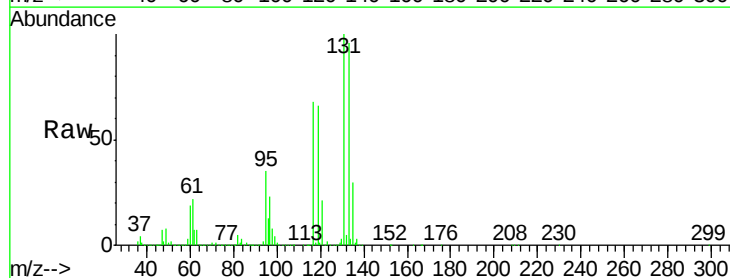
Tgt Ion:131 Resp: 331709

Ion Ratio Lower Upper

131 100

133 95.4 48.1 144.4

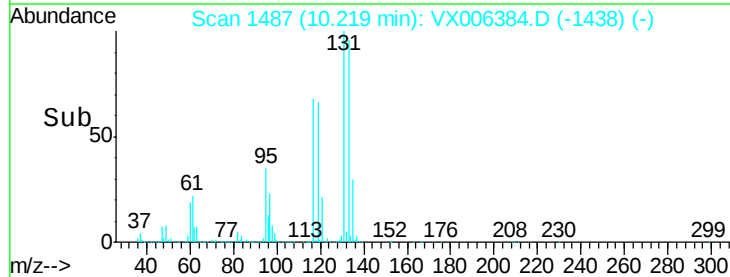
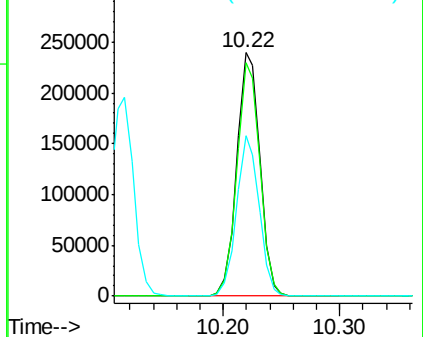
119 64.8 32.1 96.3

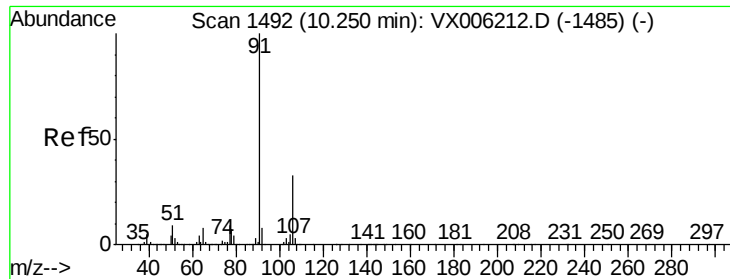


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





#67

Ethyl Benzene

Concen: 49.668 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. 0.00 min

Lab File: VX006384.D

Acq: 10 Dec 2018 21:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 91 Resp: 1436916

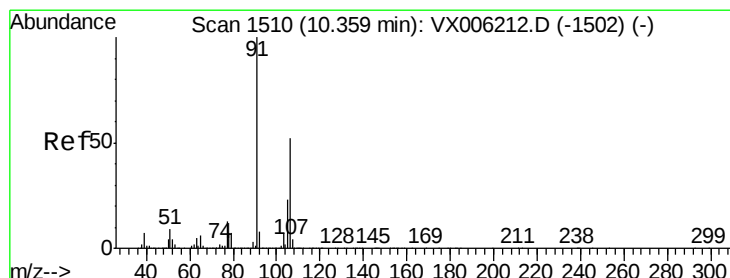
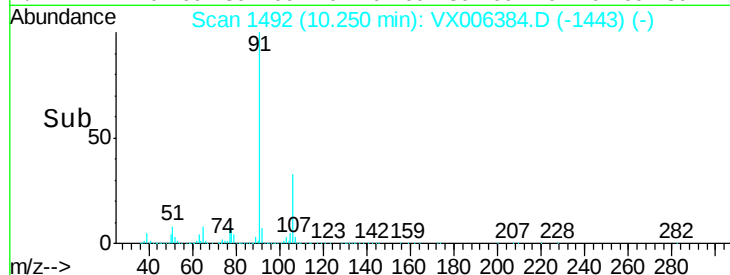
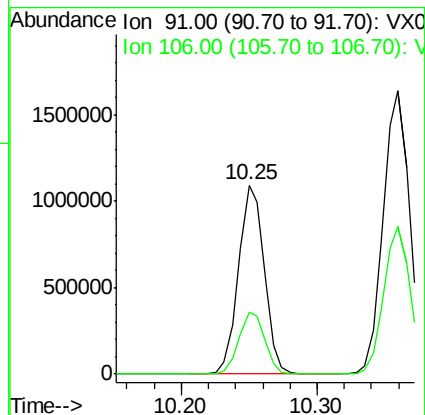
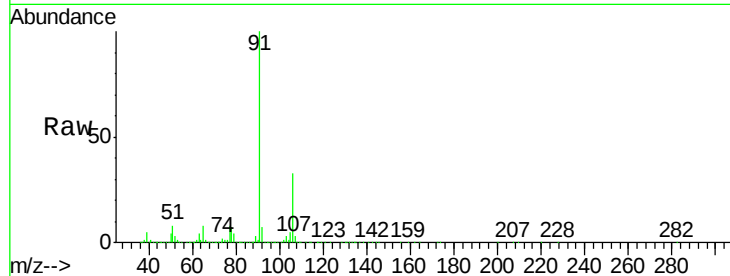
Ion Ratio Lower Upper

91 100

106 32.8 26.5 39.7

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#68

m/p-Xylenes

Concen: 99.003 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. 0.00 min

Lab File: VX006384.D

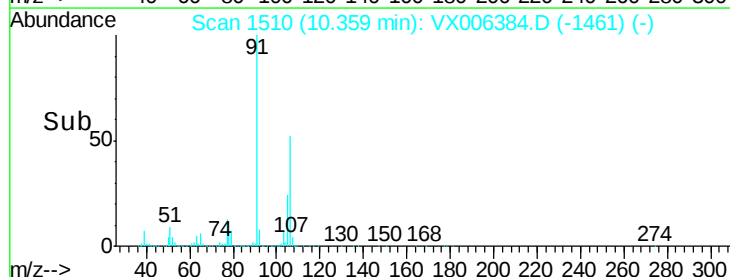
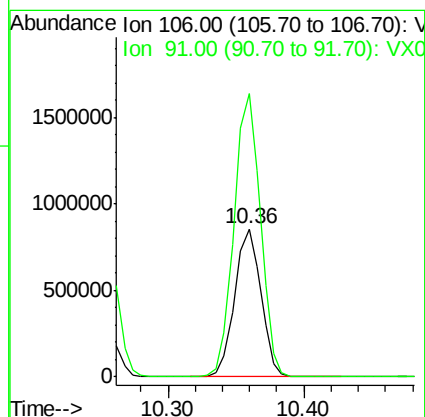
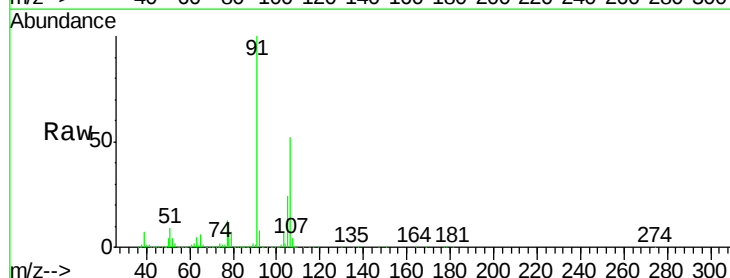
Acq: 10 Dec 2018 21:32

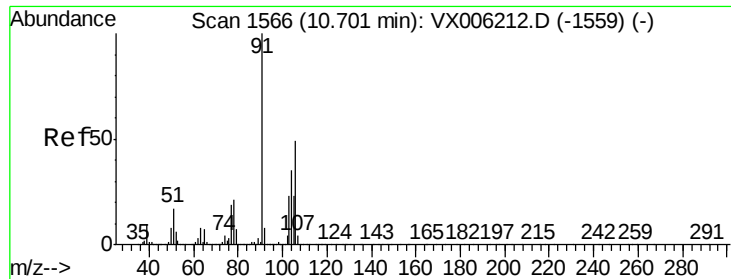
Tgt Ion: 106 Resp: 1147304

Ion Ratio Lower Upper

106 100

91 192.8 155.2 232.8





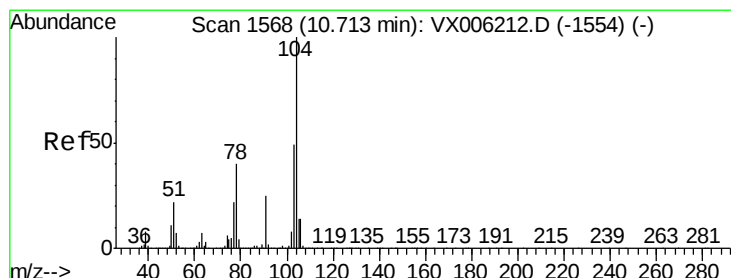
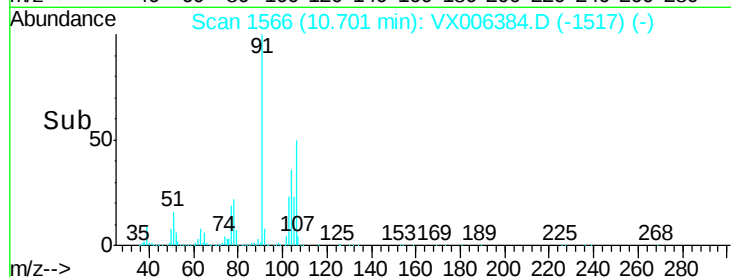
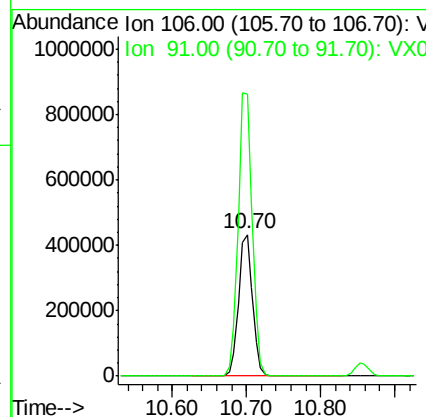
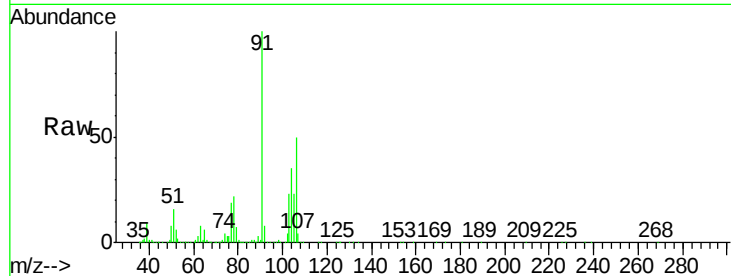
#69
o-Xylene
Concen: 49.830 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. 0.00 min
Lab File: VX006384.D
Acq: 10 Dec 2018 21:32

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
106	100		
91	202.7	101.8	305.6

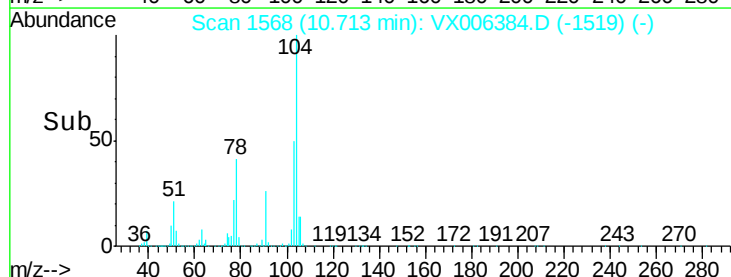
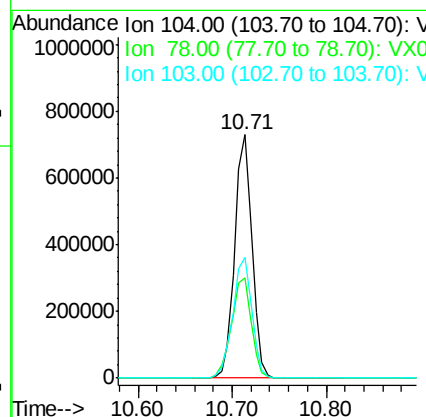
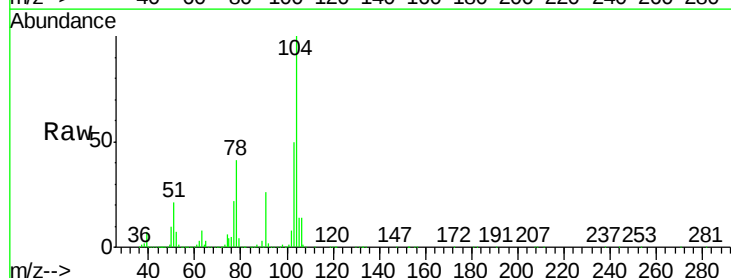
Manual Integrations
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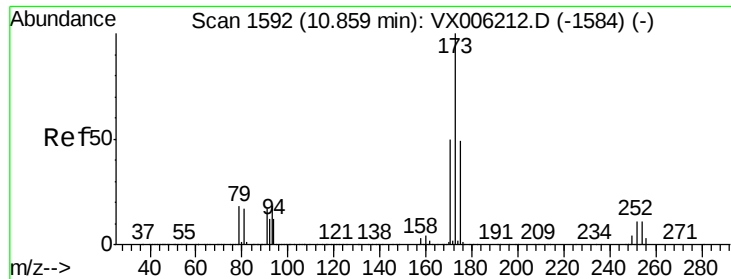
MMDadoda
12/11/2018 10:54:30 AM



#70
Styrene
Concen: 50.488 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX006384.D
Acq: 10 Dec 2018 21:32

Tgt Ion	Ratio	Lower	Upper
104	100		
78	46.9	37.2	55.8
103	55.0	43.5	65.3





#71

Bromoform

Concen: 44.973 ug/l

RT: 10.86 min Scan# 1592

Delta R.T. 0.00 min

Lab File: VX006384.D

Acq: 10 Dec 2018 21:32

Instrument :

MSVOA_X

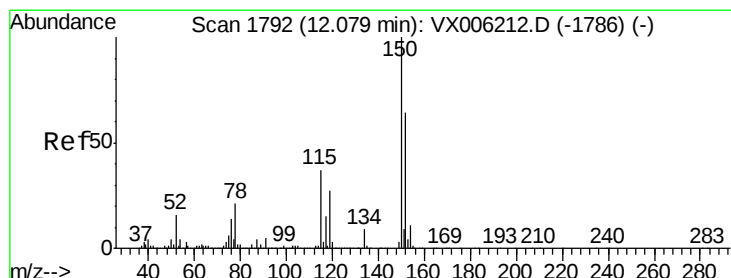
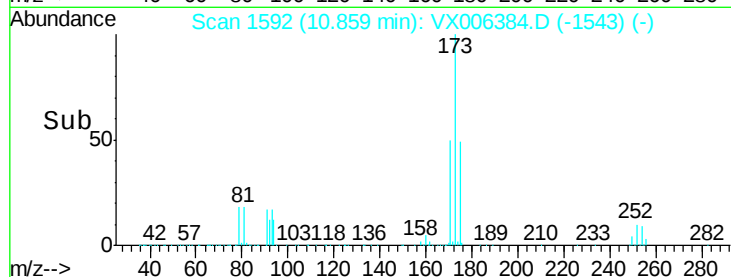
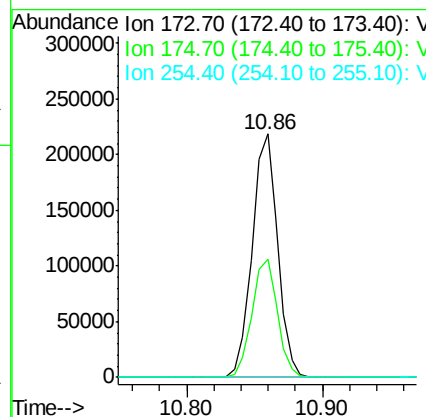
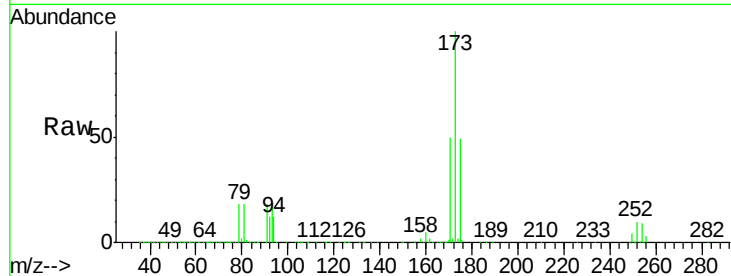
ClientSampleId :

VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
173	100		
175	48.6	24.6	73.8
254	0.1	0.2	0.2

Manual Integrations
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MMDadoda
12/11/2018 10:54:30 AM



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

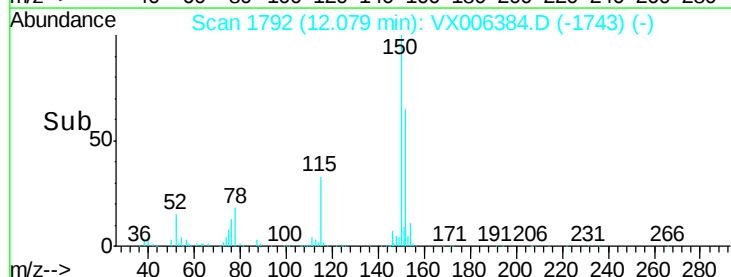
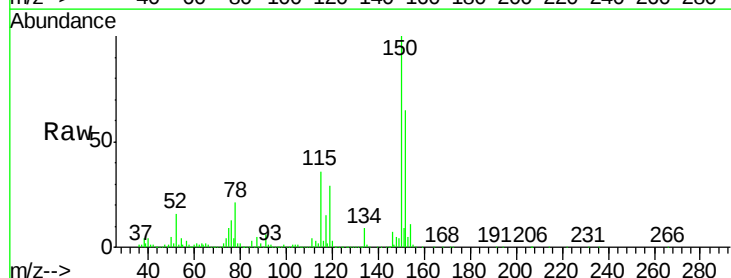
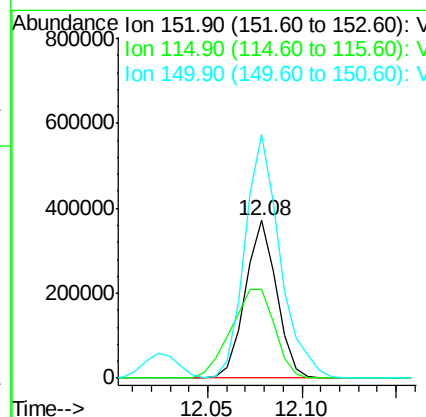
RT: 12.08 min Scan# 1792

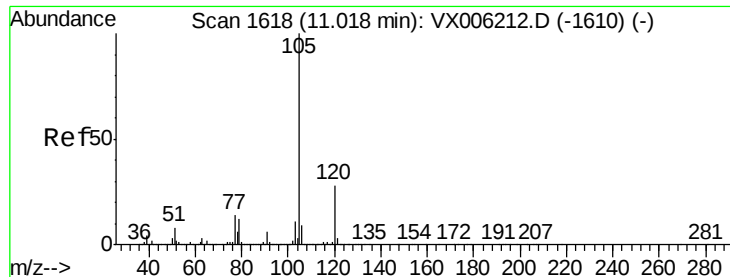
Delta R.T. 0.00 min

Lab File: VX006384.D

Acq: 10 Dec 2018 21:32

Tgt Ion	Ratio	Lower	Upper
152	100		
115	79.3	39.0	116.9
150	174.3	0.0	345.8





#73

Isopropylbenzene

Concen: 51.120 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX006384.D

Acq: 10 Dec 2018 21:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 1501917

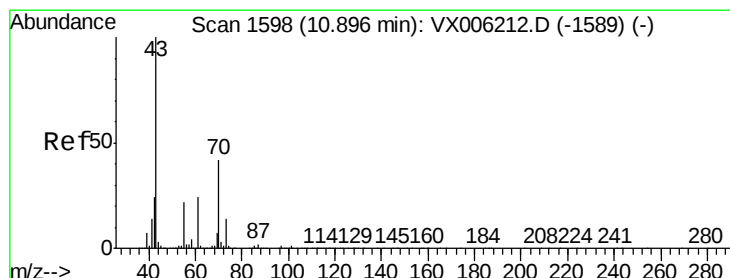
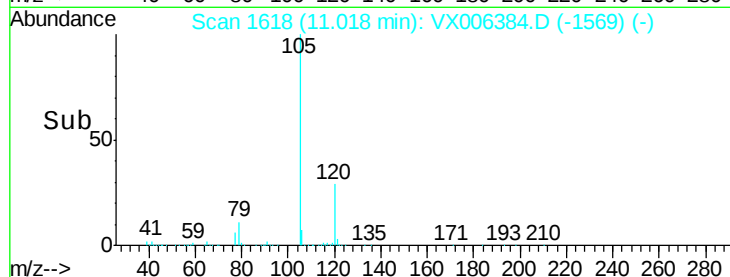
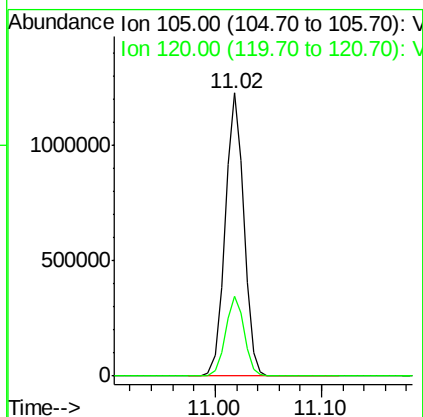
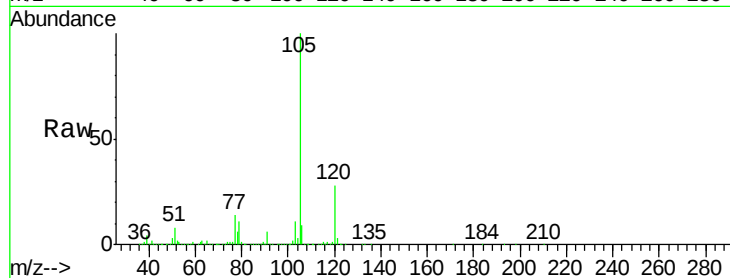
Ion Ratio Lower Upper

105 100

120 28.3 14.1 42.3

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#74

N-ethyl acetate

Concen: 46.176 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. 0.00 min

Lab File: VX006384.D

Acq: 10 Dec 2018 21:32

Tgt Ion: 43 Resp: 584205

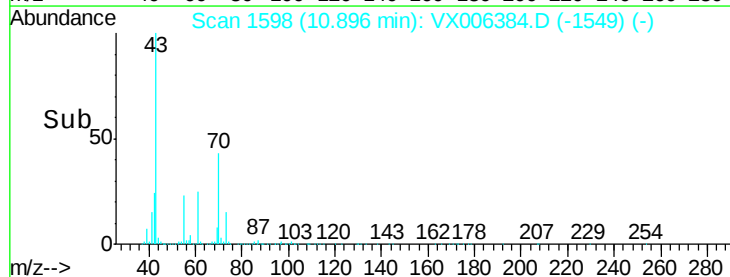
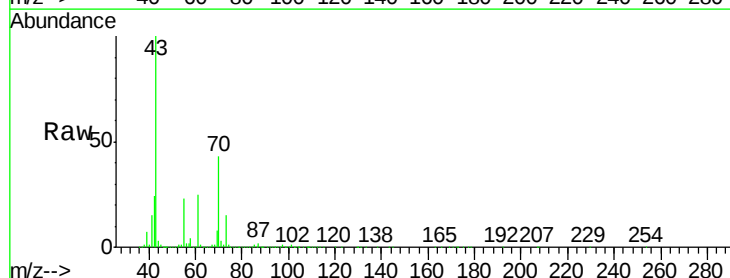
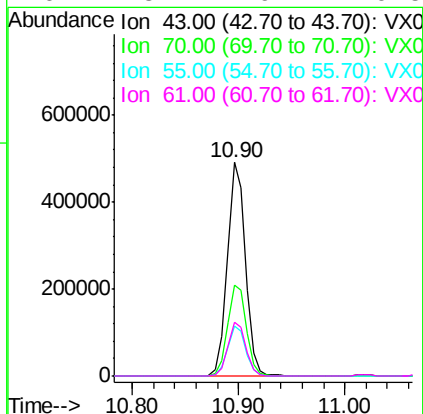
Ion Ratio Lower Upper

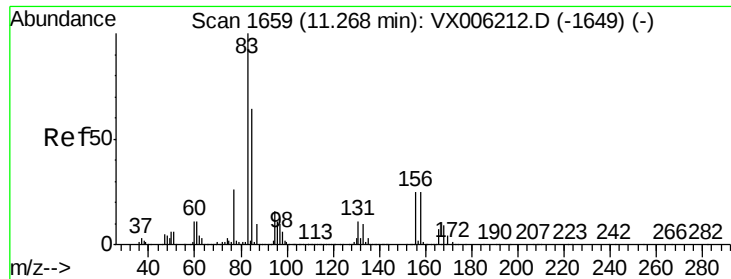
43 100

70 44.5 34.1 51.1

55 23.7 17.8 26.8

61 25.1 19.7 29.5





#75

1,1,2,2-Tetrachloroethane

Concen: 50.155 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. 0.00 min

Lab File: VX006384.D

Acq: 10 Dec 2018 21:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 83 Resp: 471418

Ion Ratio Lower Upper

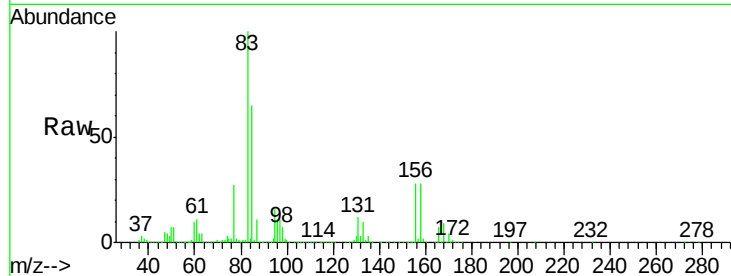
83 100

131 11.6 5.7 17.1

85 64.7 32.1 96.5

Manual Integrations
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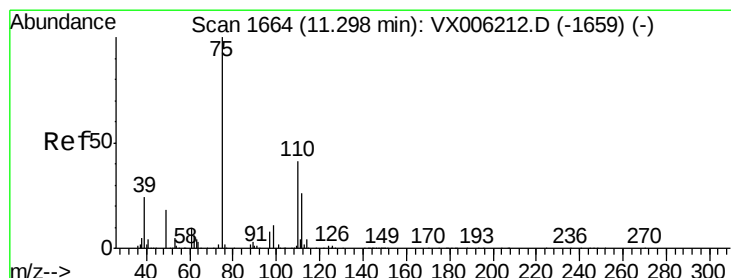
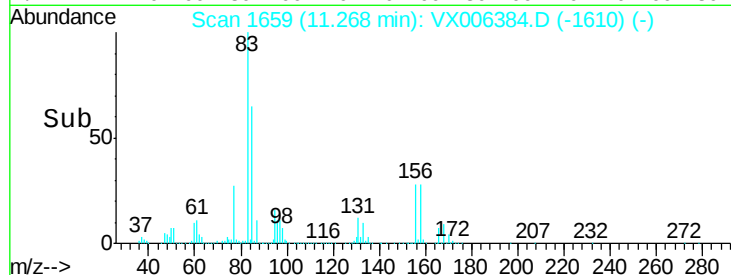
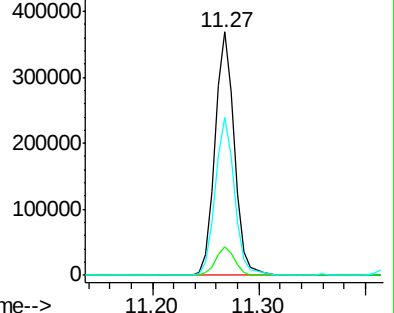
MMDadoda
12/11/2018 10:54:30 AM



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: 53.801 ug/l m

RT: 11.30 min Scan# 1664

Delta R.T. 0.00 min

Lab File: VX006384.D

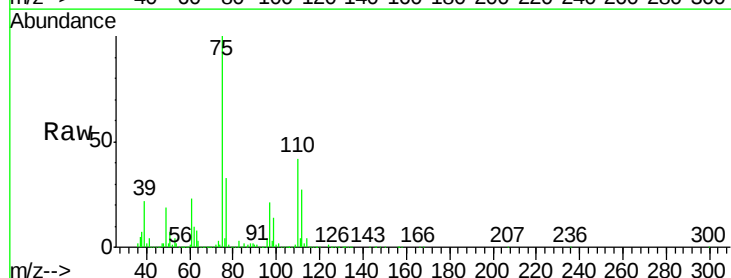
Acq: 10 Dec 2018 21:32

Tgt Ion: 75 Resp: 441790

Ion Ratio Lower Upper

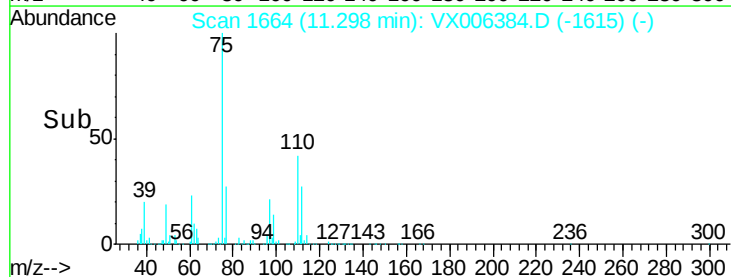
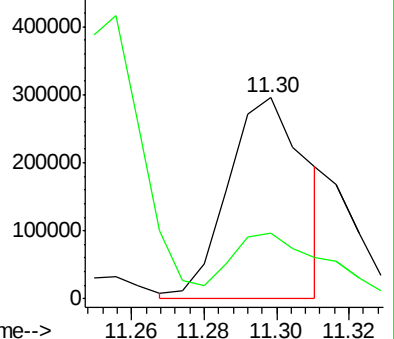
75 100

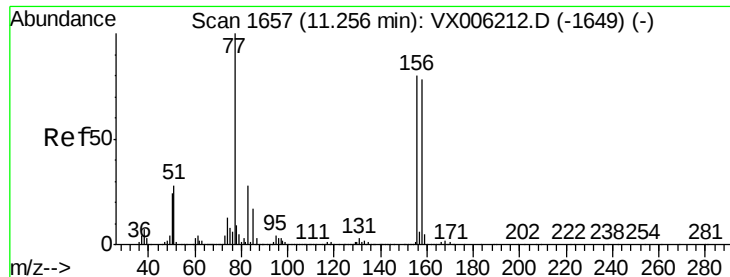
77 39.2 19.9 59.7



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 50.195 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. 0.00 min

Lab File: VX006384.D

Acq: 10 Dec 2018 21:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:156 Resp: 409261

Ion Ratio Lower Upper

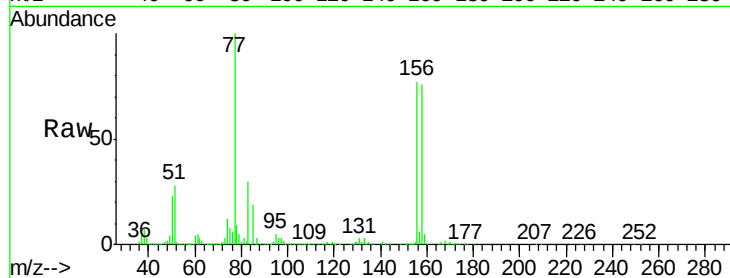
156 100

77 133.6 66.2 198.6

158 97.9 48.8 146.4

Manual Integrations
APPROVED

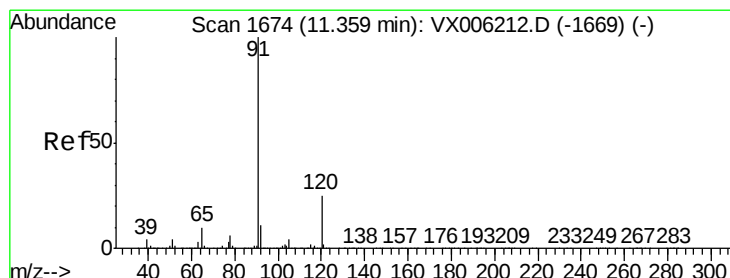
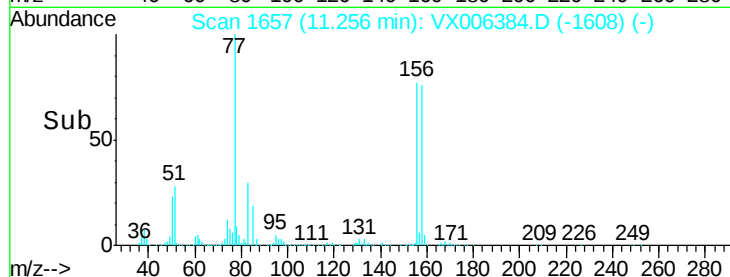
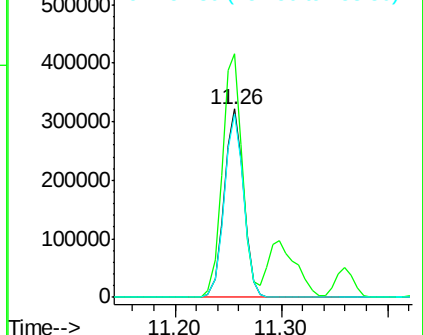
MMDadoda
12/11/2018 10:54:30 AM



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 50.792 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX006384.D

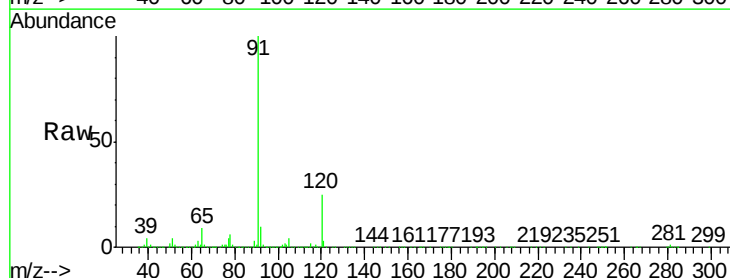
Acq: 10 Dec 2018 21:32

Tgt Ion: 91 Resp: 1658812

Ion Ratio Lower Upper

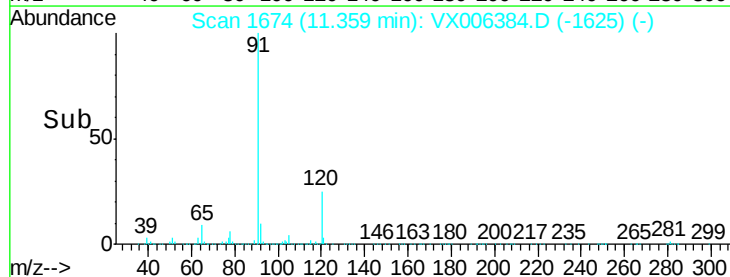
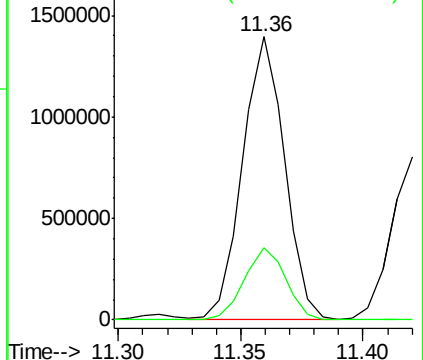
91 100

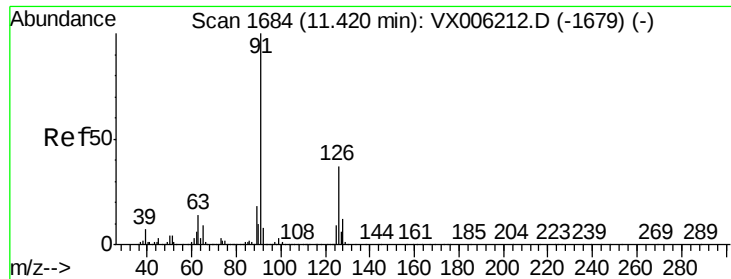
120 25.6 12.7 38.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





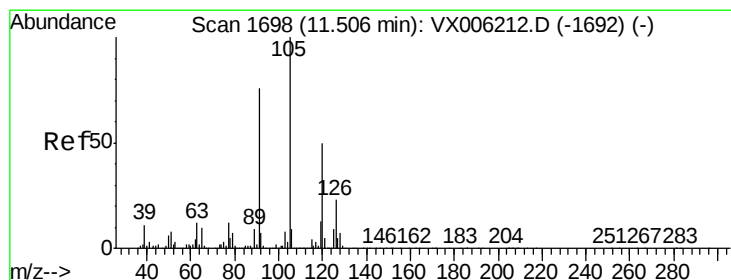
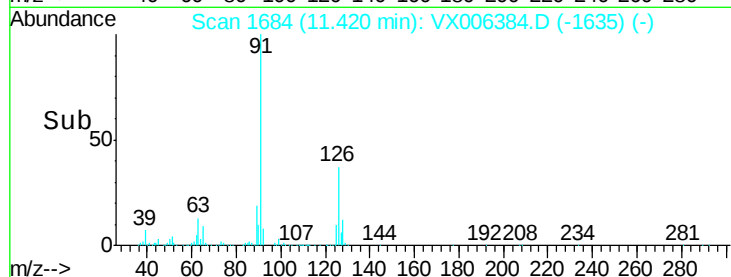
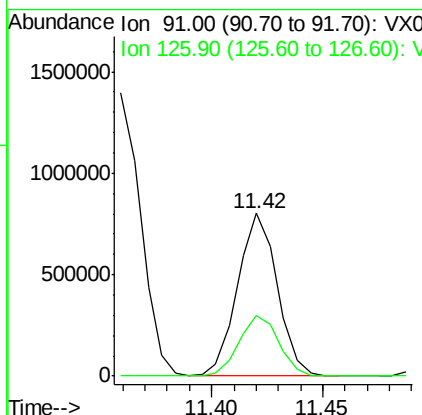
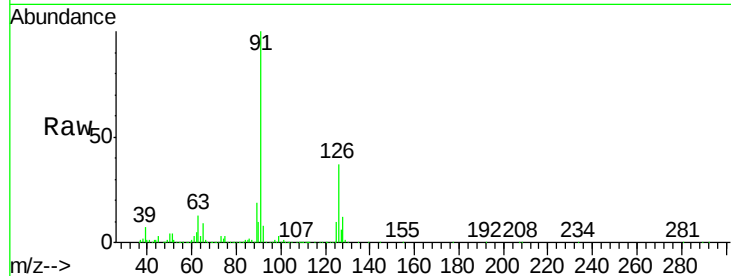
#79
 2-Chlorotoluene
 Concen: 51.088 ug/l
 RT: 11.42 min Scan# 1684
 Delta R.T. 0.00 min
 Lab File: VX006384.D
 Acq: 10 Dec 2018 21:32

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 91 Resp: 991670
 Ion Ratio Lower Upper
 91 100
 126 37.7 18.6 56.0

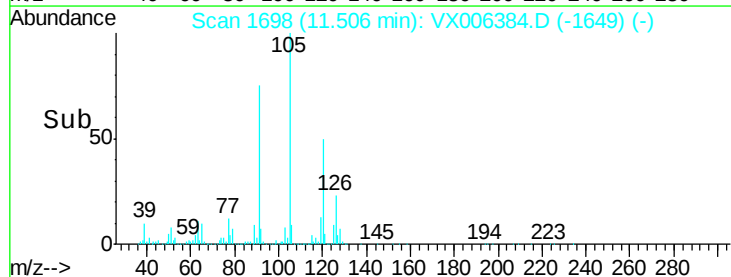
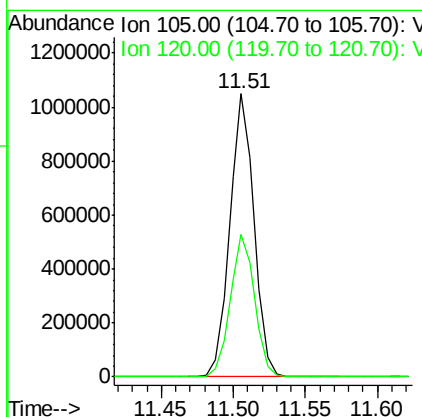
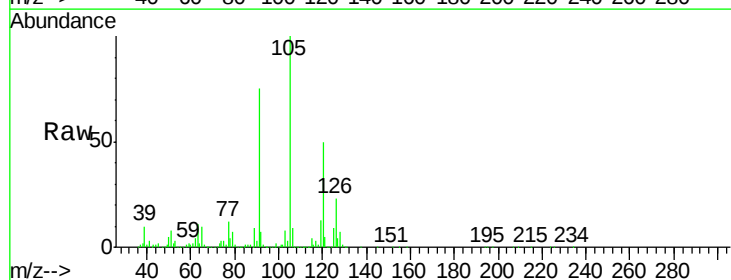
Manual Integrations
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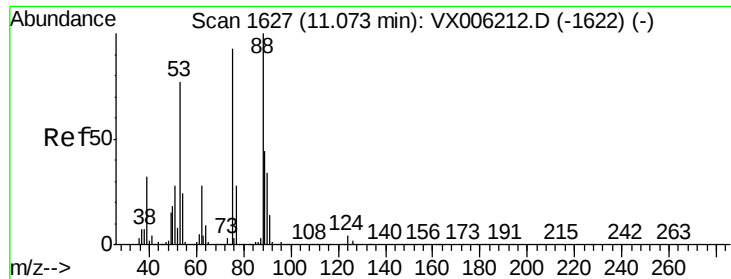
MMDadoda
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#80
 1,3,5-Trimethylbenzene
 Concen: 50.605 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. 0.00 min
 Lab File: VX006384.D
 Acq: 10 Dec 2018 21:32

Tgt Ion: 105 Resp: 1237047
 Ion Ratio Lower Upper
 105 100
 120 50.7 25.4 76.0





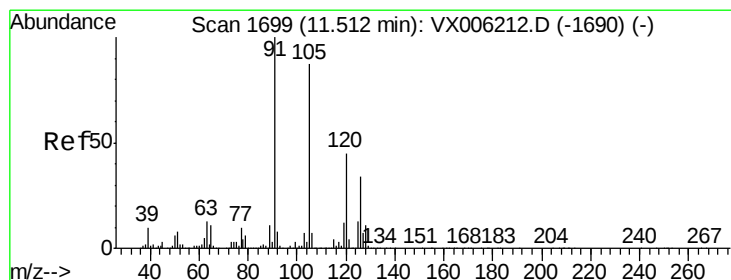
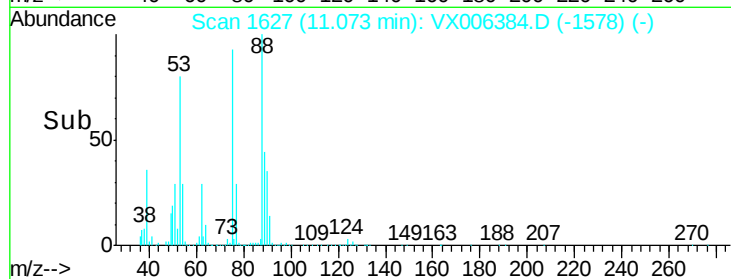
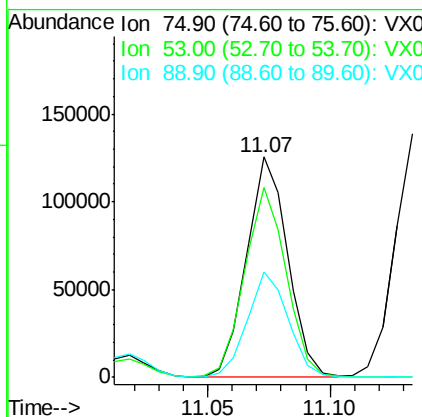
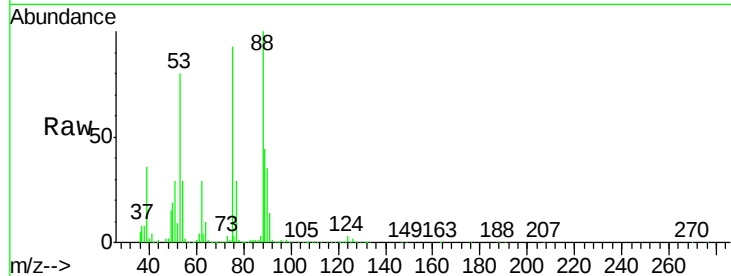
#81
trans-1,4-Dichloro-2-butene
Concen: 42.144 ug/l
RT: 11.07 min Scan# 1627
Delta R.T. 0.00 min
Lab File: VX006384.D
Acq: 10 Dec 2018 21:32

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
75	100		
53	86.6	64.4	96.6
89	47.8	44.2	66.4

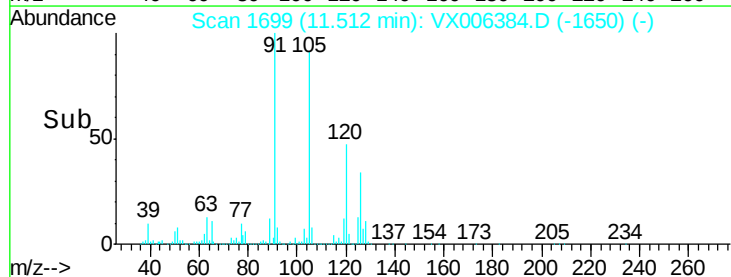
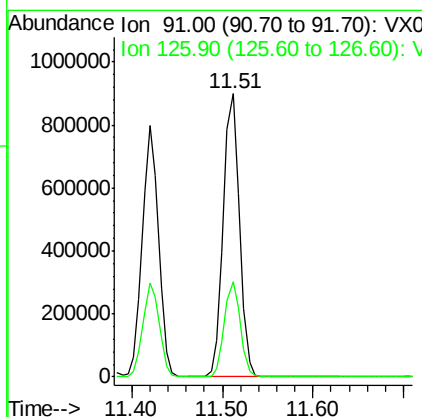
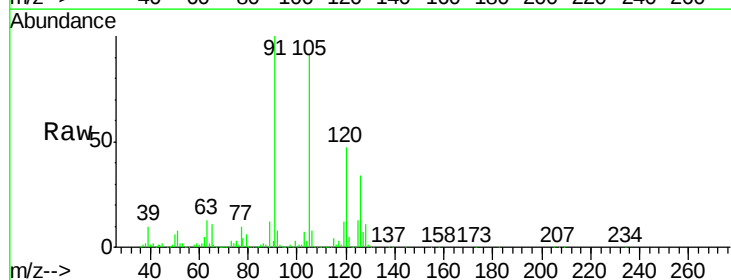
Manual Integrations
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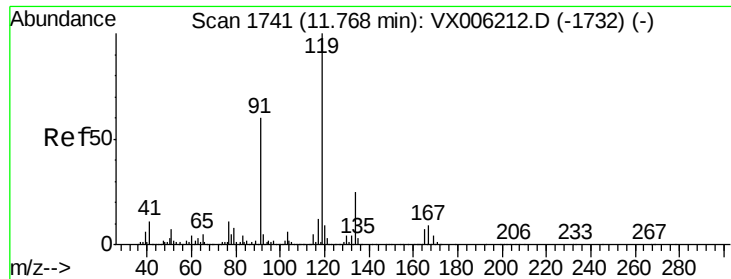
MMDadoda
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#82
4-Chlorotoluene
Concen: 49.955 ug/l
RT: 11.51 min Scan# 1699
Delta R.T. 0.00 min
Lab File: VX006384.D
Acq: 10 Dec 2018 21:32

Tgt Ion	Ratio	Lower	Upper
91	100		
126	33.0	16.4	49.4





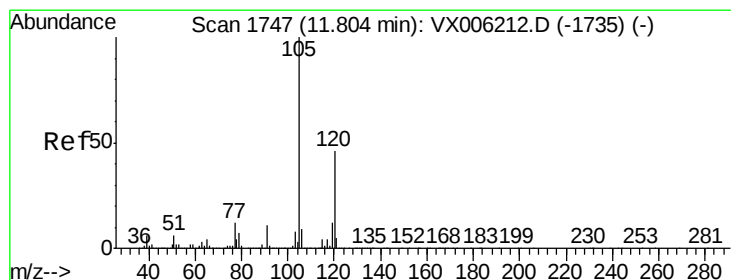
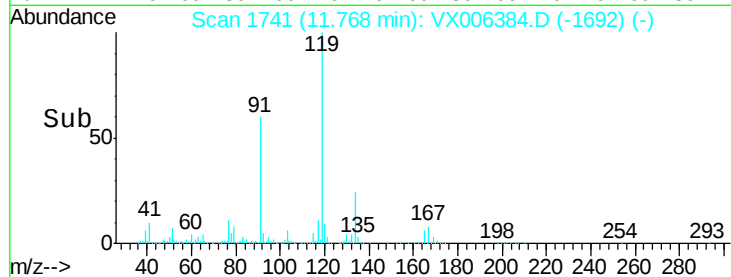
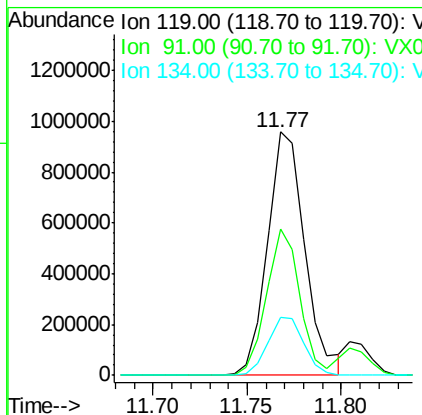
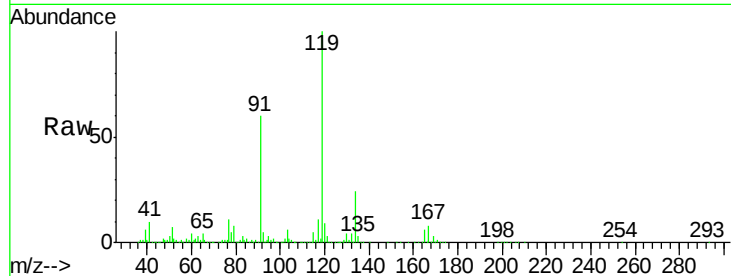
#83
tert-Butylbenzene
Concen: 50.517 ug/l
RT: 11.77 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VX006384.D
Acq: 10 Dec 2018 21:32

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:119 Resp: 1317589
Ion Ratio Lower Upper
119 100
91 53.6 26.4 79.2
134 23.1 11.6 34.7

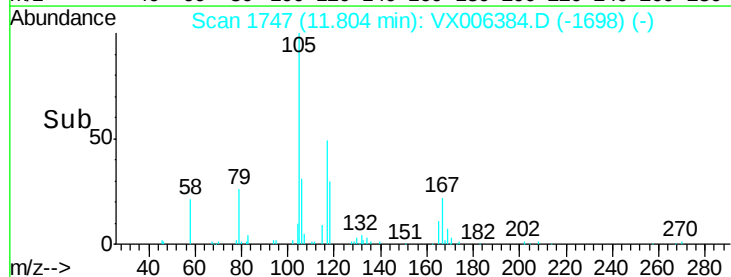
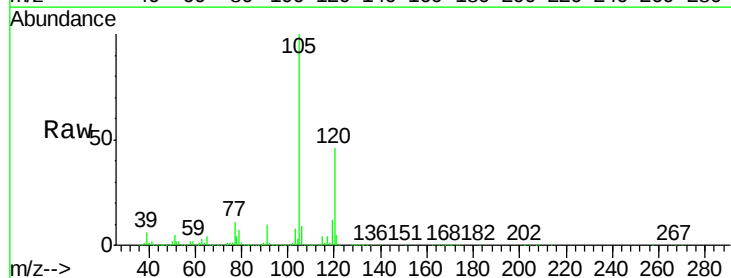
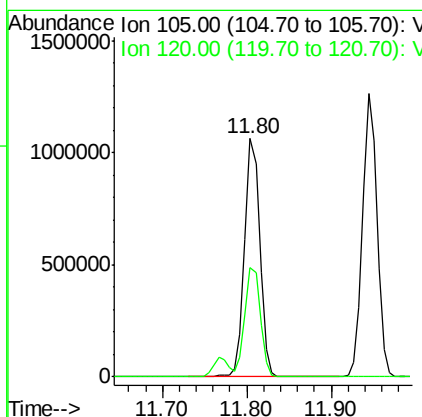
Manual Integrations
APPROVED

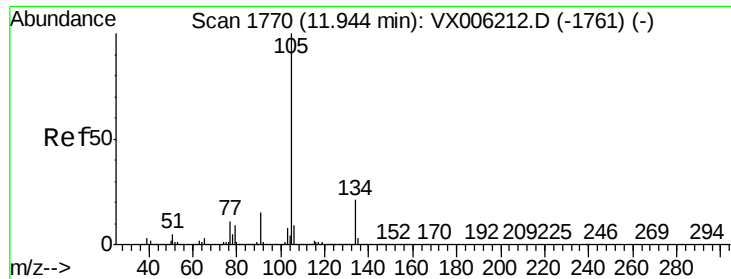
MMDadoda
12/11/2018 10:54:30 AM



#84
1,2,4-Trimethylbenzene
Concen: 50.639 ug/l
RT: 11.80 min Scan# 1747
Delta R.T. 0.00 min
Lab File: VX006384.D
Acq: 10 Dec 2018 21:32

Tgt Ion:105 Resp: 1278207
Ion Ratio Lower Upper
105 100
120 46.5 23.4 70.0





#85

sec-Butylbenzene

Concen: 51.412 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. 0.00 min

Lab File: VX006384.D

Acq: 10 Dec 2018 21:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 1525478

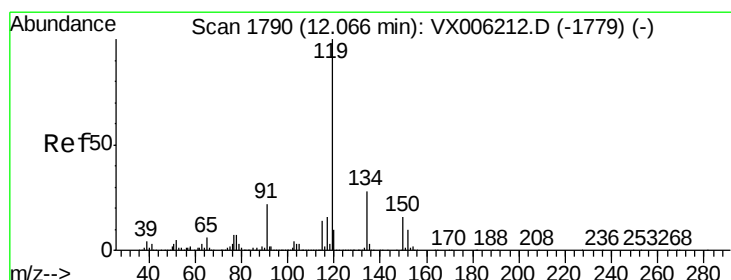
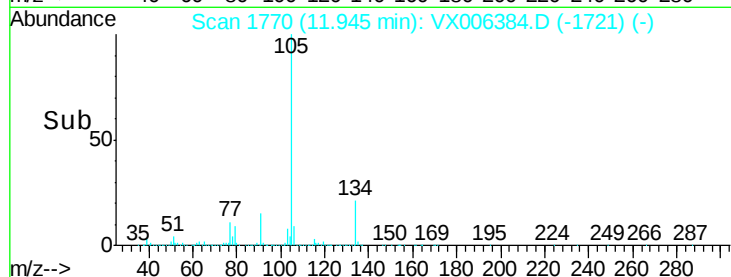
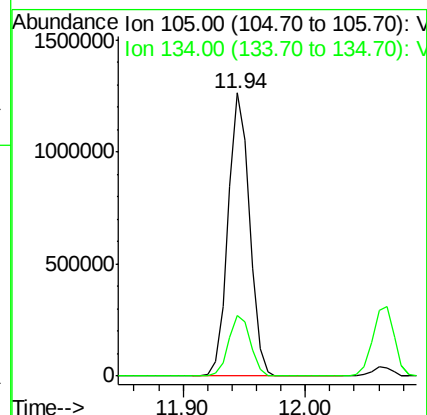
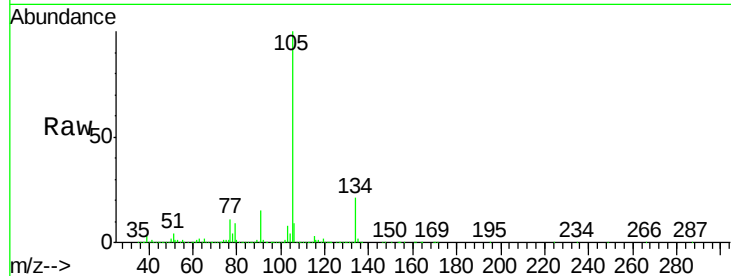
Ion Ratio Lower Upper

105 100

134 21.7 10.8 32.4

Manual Integrations
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#86

p-Isopropyltoluene

Concen: 51.196 ug/l

RT: 12.07 min Scan# 1790

Delta R.T. 0.00 min

Lab File: VX006384.D

Acq: 10 Dec 2018 21:32

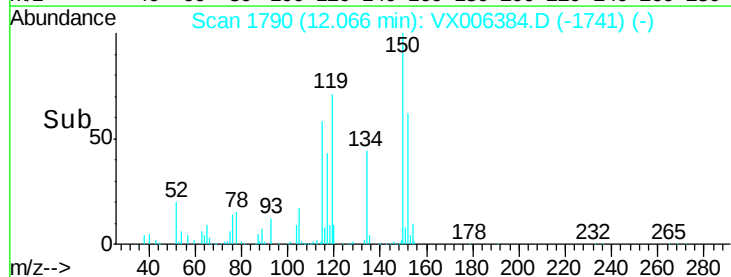
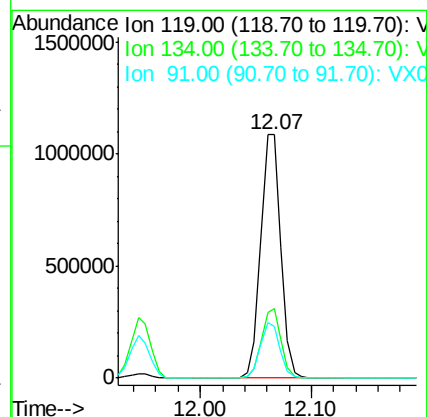
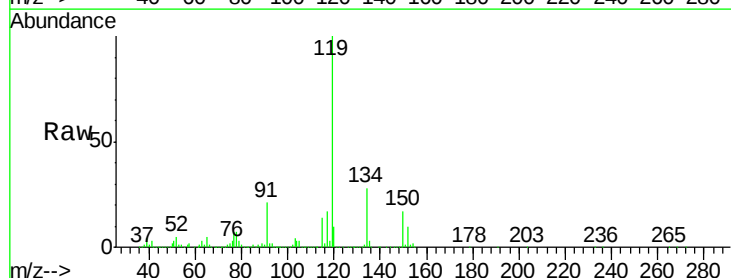
Tgt Ion:119 Resp: 1367883

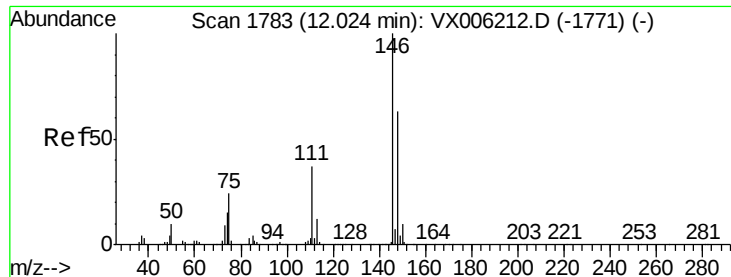
Ion Ratio Lower Upper

119 100

134 27.8 13.9 41.6

91 22.1 11.3 33.8





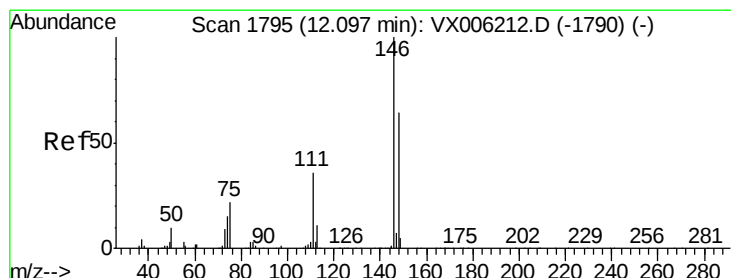
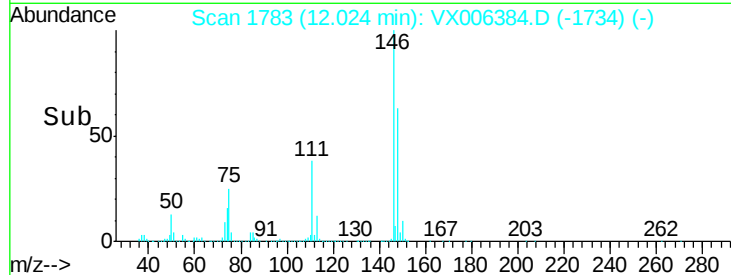
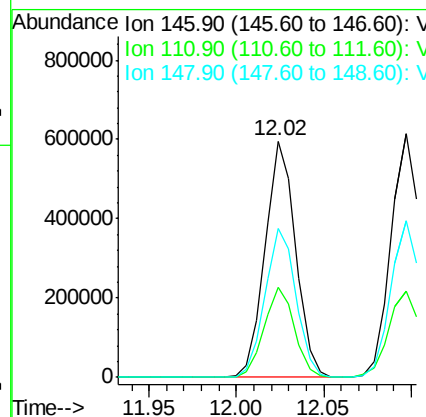
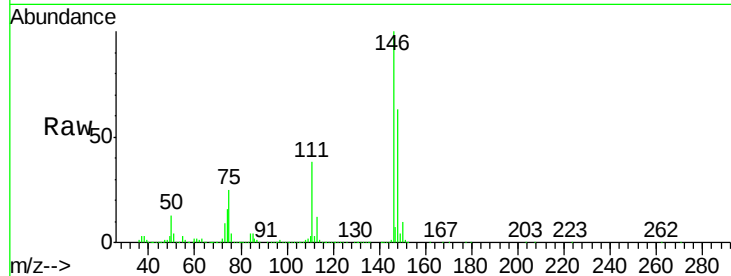
#87
 1,3-Dichlorobenzene
 Concen: 50.440 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. 0.00 min
 Lab File: VX006384.D
 Acq: 10 Dec 2018 21:32

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.8	18.4	55.2
148	64.1	32.0	96.0

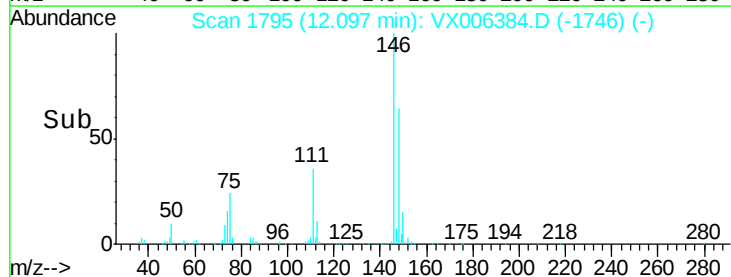
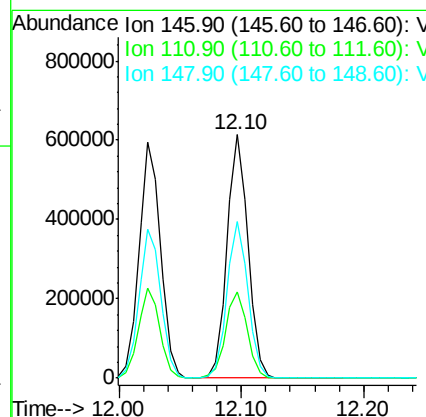
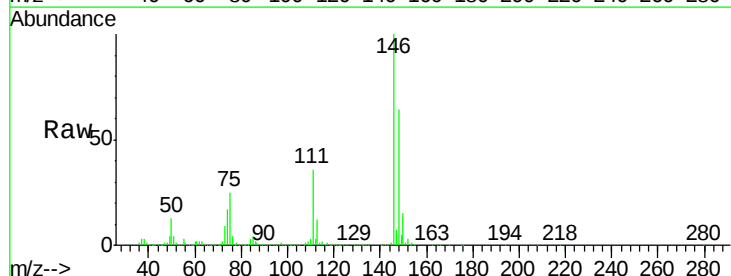
Manual Integrations
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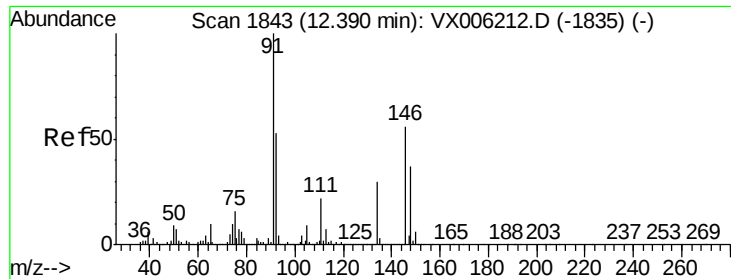
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#88
 1,4-Dichlorobenzene
 Concen: 49.355 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. 0.00 min
 Lab File: VX006384.D
 Acq: 10 Dec 2018 21:32

Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.9	18.3	54.8
148	64.3	31.9	95.9





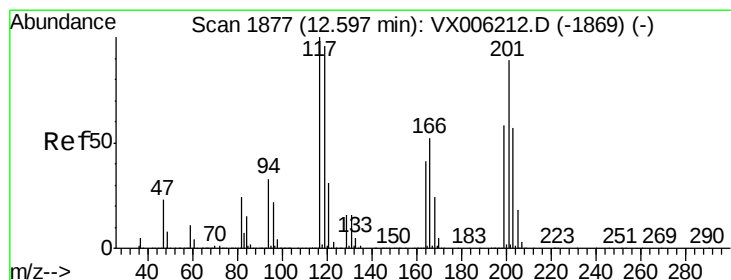
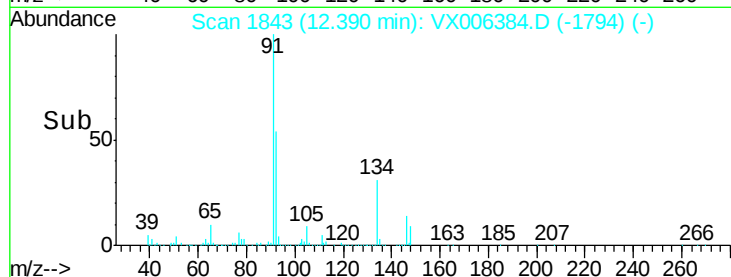
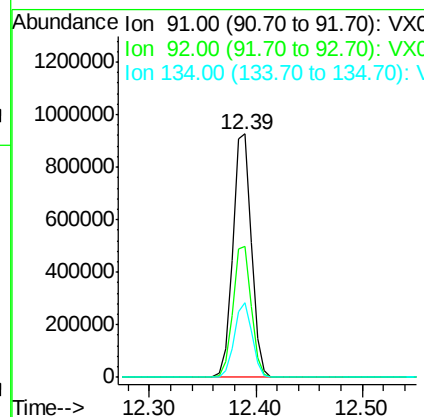
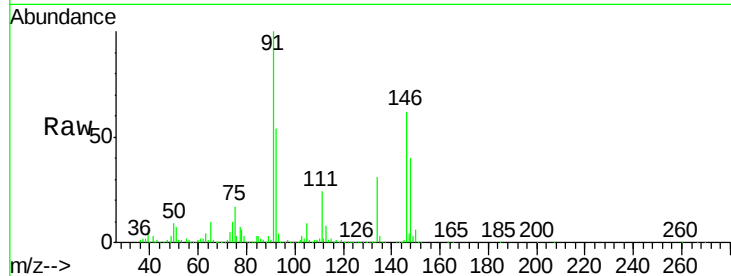
#89
n-Butylbenzene
Concen: 49.779 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. 0.00 min
Lab File: VX006384.D
Acq: 10 Dec 2018 21:32

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 91 Resp: 1134827
Ion Ratio Lower Upper
91 100
92 53.4 26.6 79.8
134 29.7 14.8 44.3

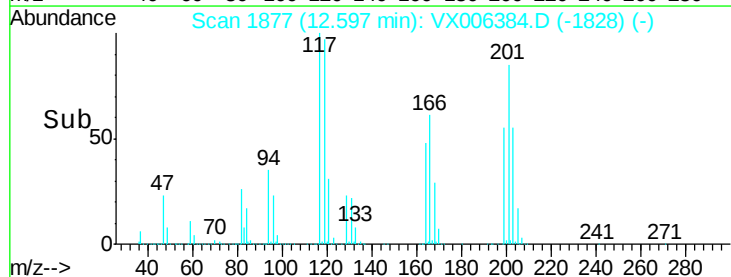
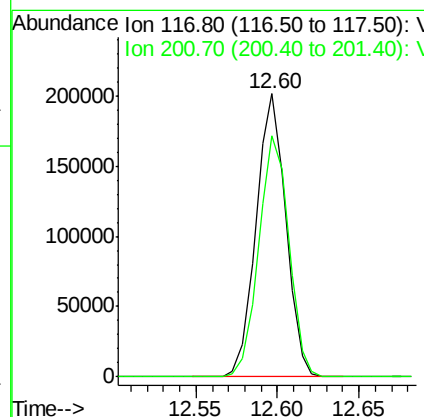
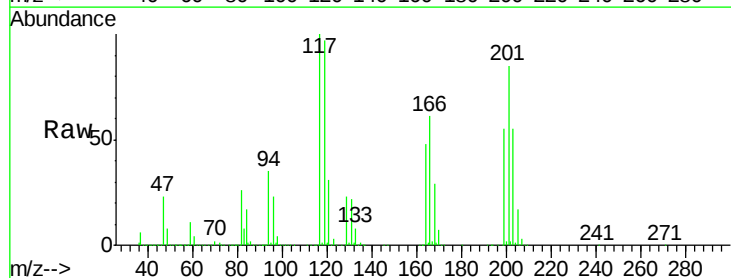
Manual Integrations
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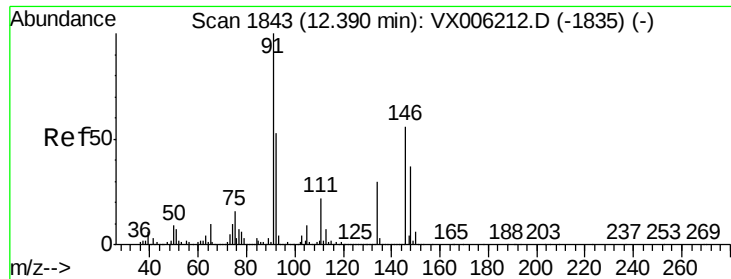
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#90
Hexachloroethane
Concen: 47.154 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. 0.00 min
Lab File: VX006384.D
Acq: 10 Dec 2018 21:32

Tgt Ion: 117 Resp: 256777
Ion Ratio Lower Upper
117 100
201 86.0 44.7 134.1





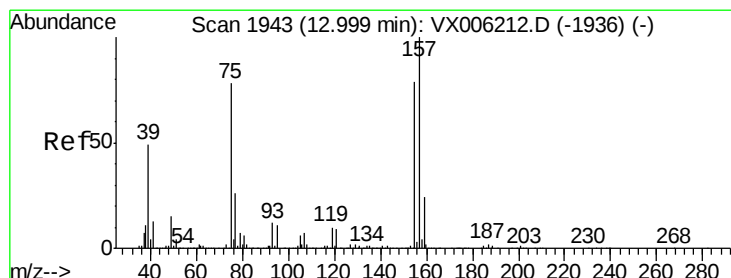
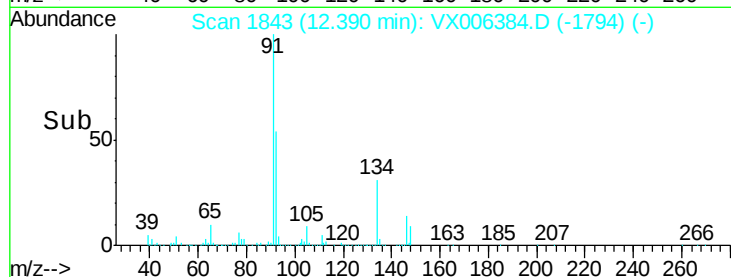
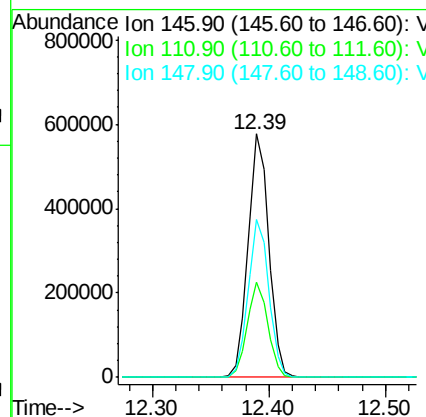
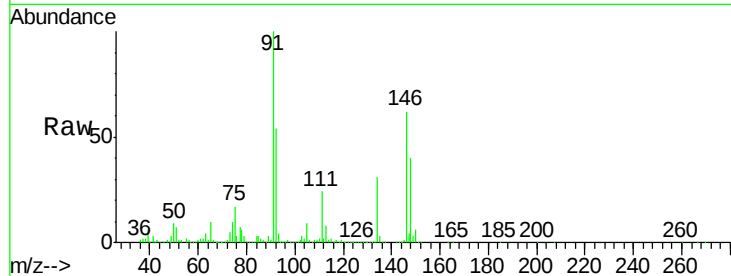
#91
 1,2-Dichlorobenzene
 Concen: 50.165 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. 0.00 min
 Lab File: VX006384.D
 Acq: 10 Dec 2018 21:32

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.5	19.1	57.3
148	64.3	32.1	96.3

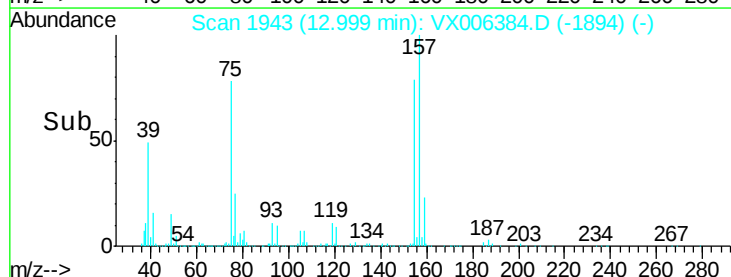
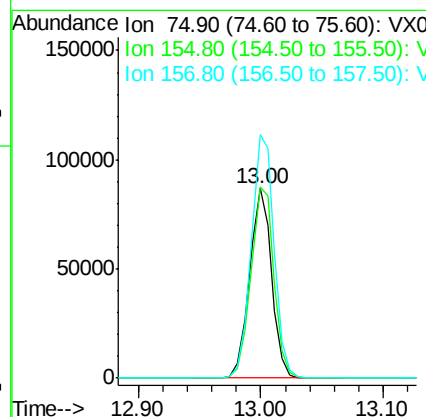
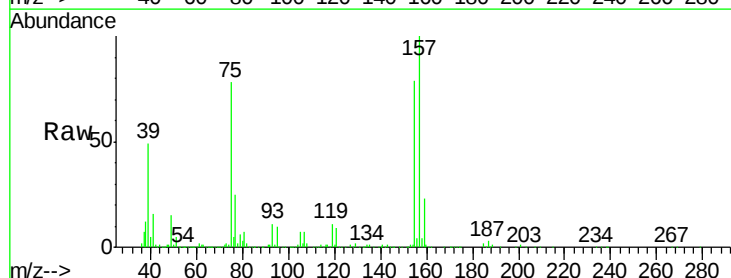
Manual Integrations
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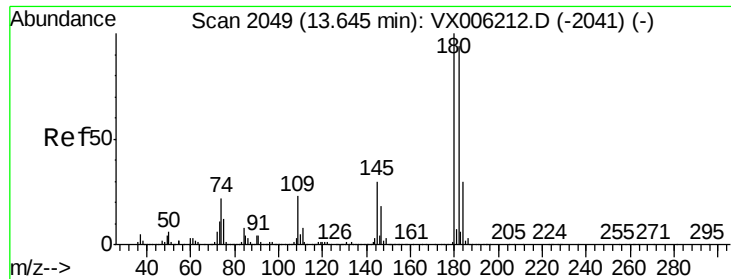
MMDadoda
 12/11/2018 10:54:30 AM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 44.978 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VX006384.D
 Acq: 10 Dec 2018 21:32

Tgt Ion	Ratio	Lower	Upper
75	100		
155	105.6	53.4	160.3
157	133.5	68.0	203.8





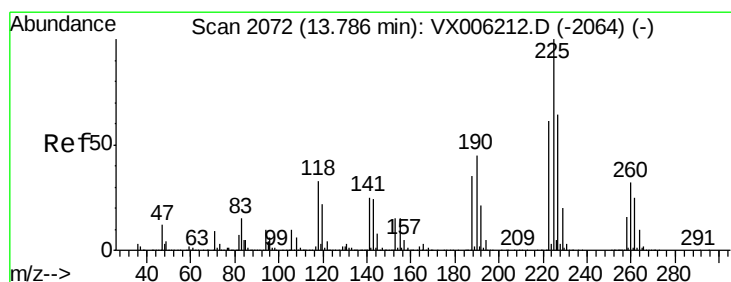
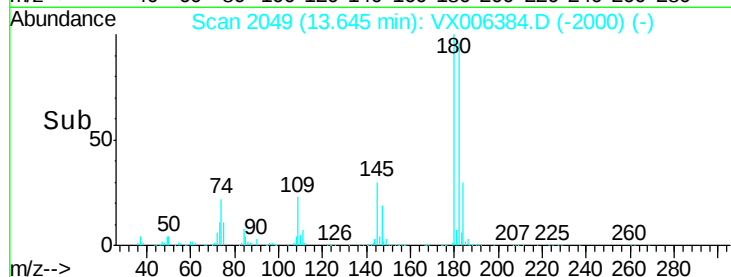
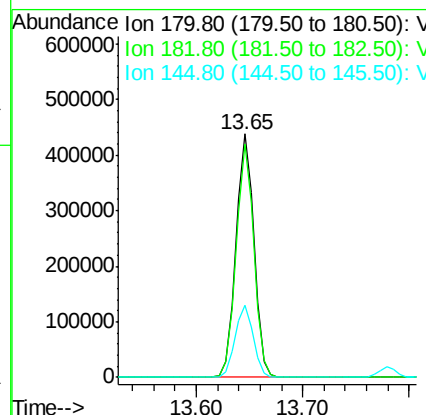
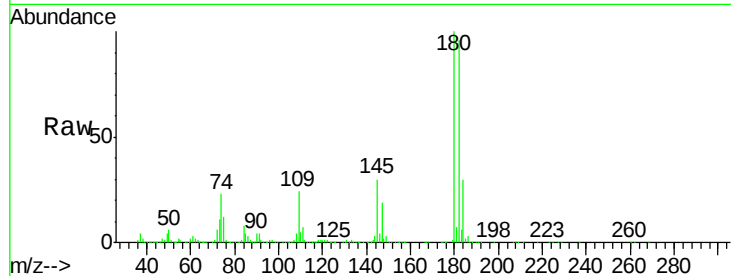
#93
 1,2,4-Trichlorobenzene
 Concen: 49.692 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. 0.00 min
 Lab File: VX006384.D
 Acq: 10 Dec 2018 21:32

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
180	100	521998		
182	94.4	47.3	141.9	
145	29.9	14.6	43.8	

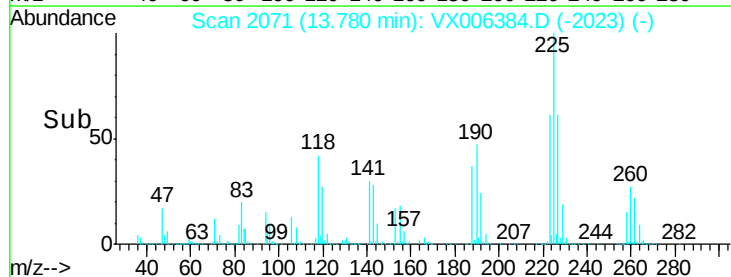
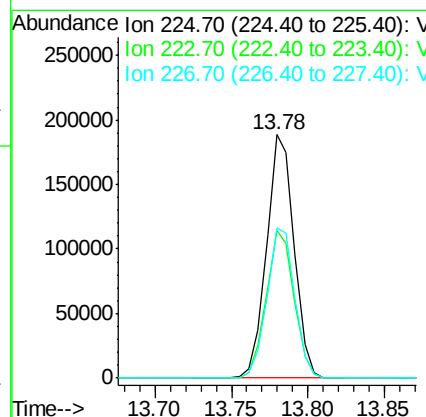
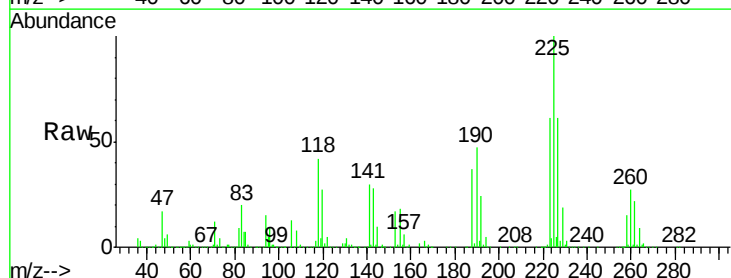
Manual Integrations
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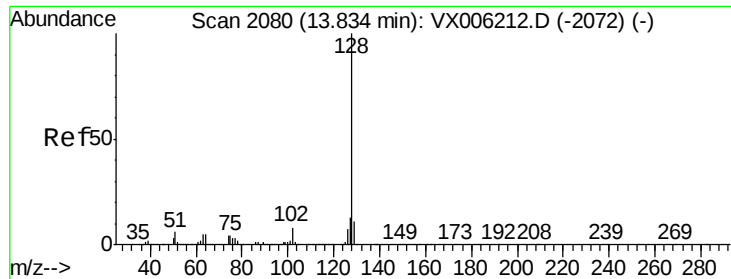
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 12/11/2018 10:54:30 AM



#94
 Hexachlorobutadiene
 Concen: 50.939 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. -0.01 min
 Lab File: VX006384.D
 Acq: 10 Dec 2018 21:32

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	236644		
223	61.6	31.2	93.6	
227	62.4	31.9	95.5	





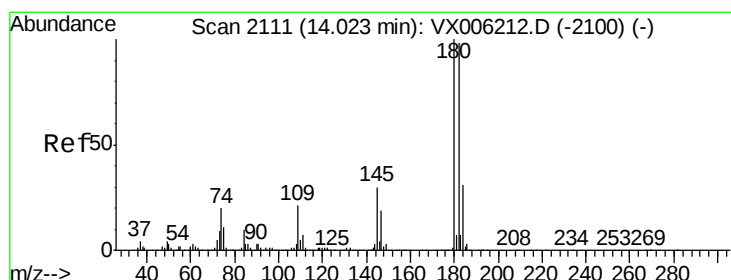
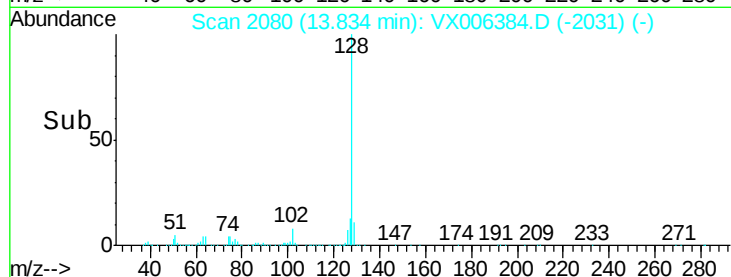
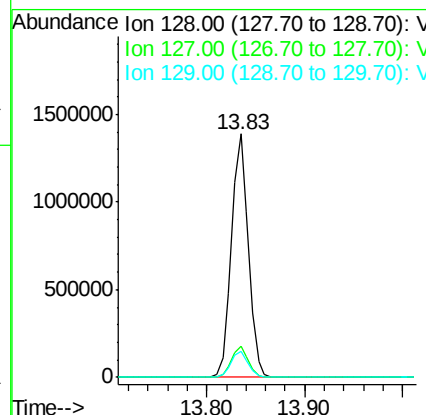
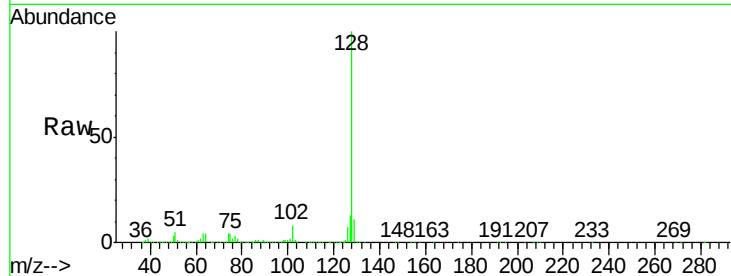
#95
Naphthalene
Concen: 50.883 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VX006384.D
Acq: 10 Dec 2018 21:32

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.8	10.2	15.4
129	10.9	8.9	13.3

Manual Integrations
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12/11/2018 10:54:30 AM



#96
1,2,3-Trichlorobenzene
Concen: 49.830 ug/l
RT: 14.02 min Scan# 2110
Delta R.T. -0.01 min
Lab File: VX006384.D
Acq: 10 Dec 2018 21:32

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.7	48.4	145.2
145	31.7	15.6	46.8

