

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX121018\
 Data File : VX006409.D
 Acq On : 11 Dec 2018 09:31
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 12/11/2018 10:54:03 AM

Quant Time: Dec 11 09:55:54 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	545427	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	860579	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	795406	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	412010	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	291915	52.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.86%	
35) Dibromofluoromethane	5.50	113	273942	49.16	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.32%	
50) Toluene-d8	8.71	98	994092	49.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.10%	
62) 4-Bromofluorobenzene	11.14	95	386875	50.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.32%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	268102	50.202	ug/l	99
3) Chloromethane	1.33	50	255789	46.608	ug/l	98
4) Vinyl Chloride	1.41	62	282530	47.833	ug/l	100
5) Bromomethane	1.64	94	239245	58.446	ug/l	98
6) Chloroethane	1.71	64	176009	48.601	ug/l	100
7) Trichlorofluoromethane	1.93	101	439882	48.516	ug/l	96
8) Diethyl Ether	2.19	74	171392	49.948	ug/l	93
9) 1,1,2-Trichlorotrifluoroet	2.39	101	256348	49.723	ug/l	99
10) Methyl Iodide	2.51	142	393478	50.644	ug/l	99
11) Tert butyl alcohol	3.07	59	364113	239.123	ug/l	100
12) 1,1-Dichloroethene	2.37	96	239506	48.529	ug/l	93
13) Acrolein	2.30	56	182417	219.184	ug/l	99
14) Allyl chloride	2.73	41	408626	41.913	ug/l	98
15) Acrylonitrile	3.15	53	788065	248.013	ug/l	99
16) Acetone	2.45	43	644792	246.764	ug/l	95
17) Carbon Disulfide	2.57	76	603641	39.692	ug/l	100
18) Methyl Acetate	2.78	43	447727	51.237	ug/l	97
19) Methyl tert-butyl Ether	3.20	73	866483	49.214	ug/l	99
20) Methylene Chloride	2.85	84	274130	49.294	ug/l	94
21) trans-1,2-Dichloroethene	3.17	96	255175	48.517	ug/l	94
22) Diisopropyl ether	3.87	45	778797	51.142	ug/l	99
23) Vinyl Acetate	3.82	43	3148242	242.392	ug/l	98
24) 1,1-Dichloroethane	3.70	63	444293	51.045	ug/l	99
25) 2-Butanone	4.70	43	963384	258.393	ug/l	99
26) 2,2-Dichloropropane	4.59	77	249165	31.019	ug/l	97
27) cis-1,2-Dichloroethene	4.60	96	306603	52.262	ug/l	93
28) Bromochloromethane	5.02	49	205249	53.987	ug/l	99
29) Tetrahydrofuran	5.15	42	649408	250.619	ug/l	97
30) Chloroform	5.21	83	481831	52.678	ug/l	98
31) Cyclohexane	5.57	56	382936	47.606	ug/l	96
32) 1,1,1-Trichloroethane	5.49	97	433909	49.858	ug/l	99
36) 1,1-Dichloropropene	5.80	75	339508	46.848	ug/l	100
37) Ethyl Acetate	4.85	43	378070	46.585	ug/l	99
38) Carbon Tetrachloride	5.79	117	383308	44.960	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	428970	45.602	ug/l	99
40) Benzene	6.14	78	1061753	48.917	ug/l	98
41) Methacrylonitrile	5.06	41	206745	46.297	ug/l	96
42) 1,2-Dichloroethane	6.20	62	362459	51.024	ug/l	100
43) Isopropyl Acetate	6.46	43	613910	45.370	ug/l	99
44) Trichloroethene	7.21	130	312670	47.551	ug/l	97
45) 1,2-Dichloropropane	7.52	63	263315	47.733	ug/l	99
46) Dibromomethane	7.66	93	193346	48.530	ug/l	95
47) Bromodichloromethane	7.90	83	364038	47.184	ug/l	99
48) Methyl methacrylate	7.77	41	305267	46.374	ug/l	97
49) 1,4-Dioxane	7.75	88	158711	978.241	ug/l	98
51) 4-Methyl-2-Pentanone	8.65	43	1889113	239.825	ug/l	98
52) Toluene	8.79	92	703641	49.275	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	378368	41.933	ug/l	97
54) cis-1,3-Dichloropropene	8.44	75	406182	43.352	ug/l	97
55) 1,1,2-Trichloroethane	9.21	97	297641	51.306	ug/l	99
56) Ethyl methacrylate	9.18	69	445700	49.144	ug/l	96
57) 1,3-Dichloropropane	9.37	76	468208	51.039	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	1096661	238.290	ug/l	99
59) 2-Hexanone	9.49	43	1417197	235.489	ug/l	99
60) Dibromochloromethane	9.59	129	330355	46.181	ug/l	100
61) 1,2-Dibromoethane	9.67	107	320543	49.415	ug/l	99
64) Tetrachloroethene	9.34	164	288151	48.104	ug/l	97
65) Chlorobenzene	10.14	112	823542	48.774	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.22	131	304991	46.490	ug/l	99
67) Ethyl Benzene	10.25	91	1355188	48.257	ug/l	99
68) m/p-Xylenes	10.36	106	1085434	96.491	ug/l	100
69) o-Xylene	10.70	106	539121	48.519	ug/l	100
70) Styrene	10.71	104	873930	48.629	ug/l	99
71) Bromoform	10.86	173	255605	41.274	ug/l #	99
73) Isopropylbenzene	11.02	105	1417295	49.812	ug/l	100
74) N-amyl acetate	10.90	43	542492	44.276	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.27	83	443295	48.699	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	404280m	50.837	ug/l	
77) Bromobenzene	11.26	156	382262	48.411	ug/l	98
78) n-propylbenzene	11.36	91	1563593	49.437	ug/l	99
79) 2-Chlorotoluene	11.42	91	935030	49.740	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	1162046	49.086	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	118568	34.989	ug/l	89
82) 4-Chlorotoluene	11.51	91	1060912	48.540	ug/l	99
83) tert-Butylbenzene	11.77	119	1224598	48.482	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	1213074	49.624	ug/l	100
85) sec-Butylbenzene	11.94	105	1425942	49.623	ug/l	100
86) p-Isopropyltoluene	12.07	119	1277863	49.385	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	687329	48.920	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	682328	47.847	ug/l	100
89) n-Butylbenzene	12.39	91	1068824	48.411	ug/l	99
90) Hexachloroethane	12.60	117	227772	43.190	ug/l	96
91) 1,2-Dichlorobenzene	12.39	146	674741	48.388	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	102785	44.049	ug/l	94

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VSTDCCC050EC

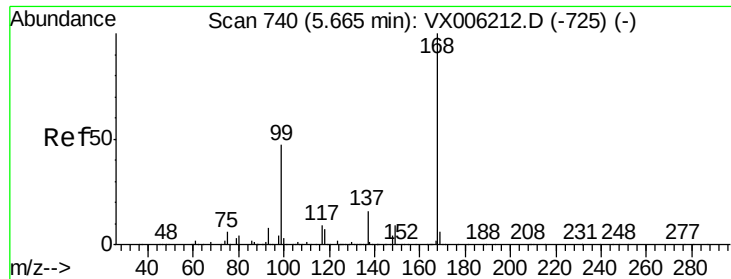
Manual Integrations
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Quant Title : SW846 8260
QLast Update : Fri Nov 30 03:55:33 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	478726	47.058	ug/l	100
94) Hexachlorobutadiene	13.79	225	208933	46.440	ug/l	99
95) Naphthalene	13.83	128	1567636	49.538	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	486693	48.301	ug/l	98

(#) = 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: VX006409.D

Acq: 11 Dec 2018 09:31

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:168 Resp: 545427

Ion Ratio Lower Upper

168 100

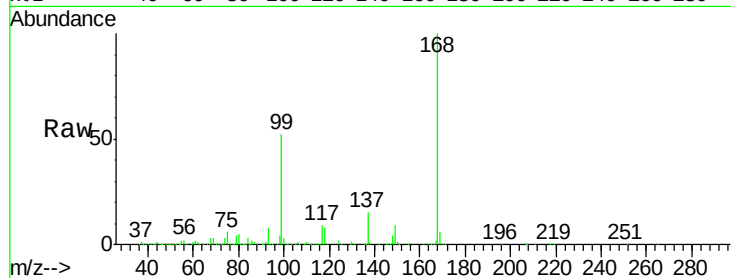
99 51.4 37.8 56.8

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

200000

150000

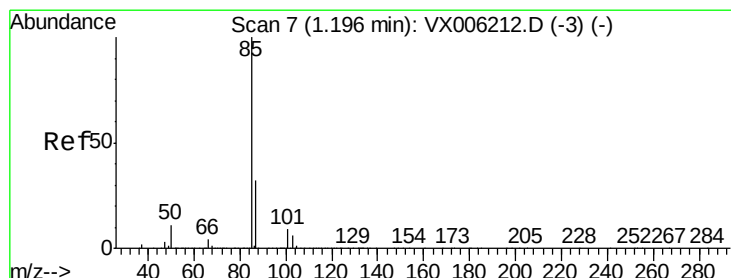
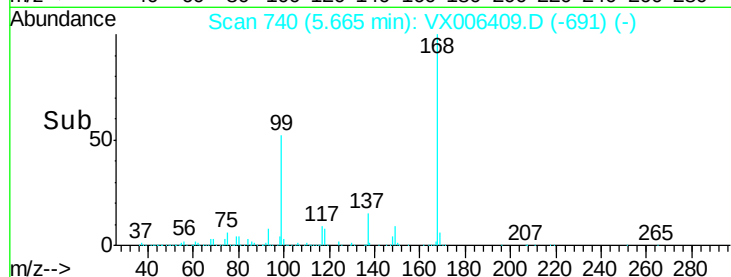
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50000

0

Time-->

5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 50.202 ug/l

RT: 1.20 min Scan# 7

Delta R.T. 0.00 min

Lab File: VX006409.D

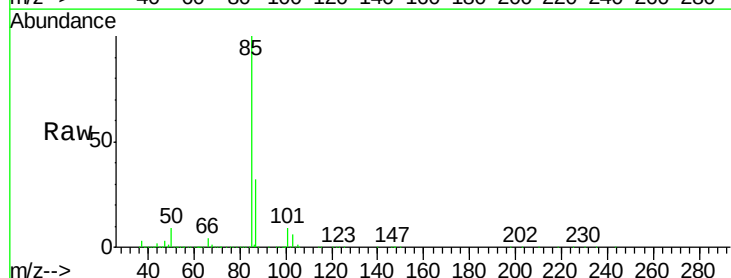
Acq: 11 Dec 2018 09:31

Tgt Ion: 85 Resp: 268102

Ion Ratio Lower Upper

85 100

87 31.6 16.1 48.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

300000

250000

200000

150000

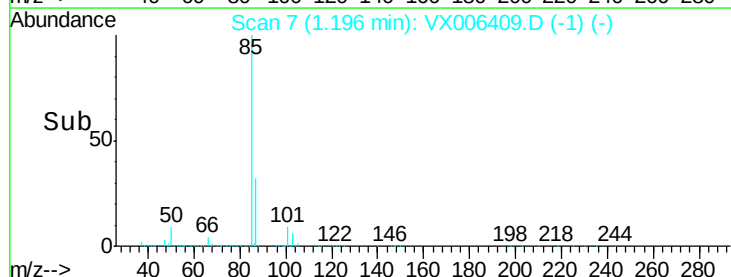
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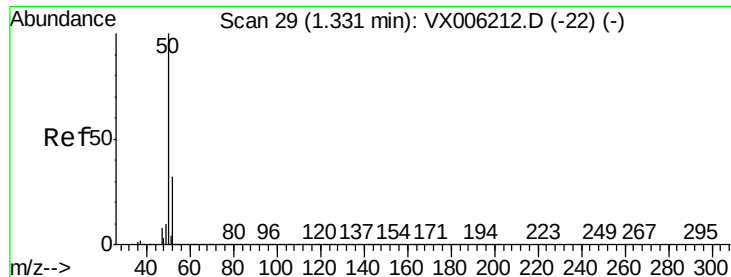
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Time-->

1.15 1.20 1.25 1.30





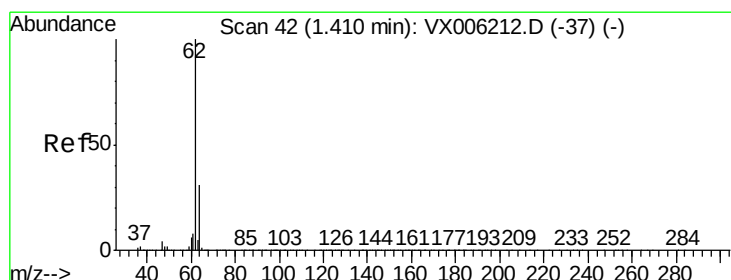
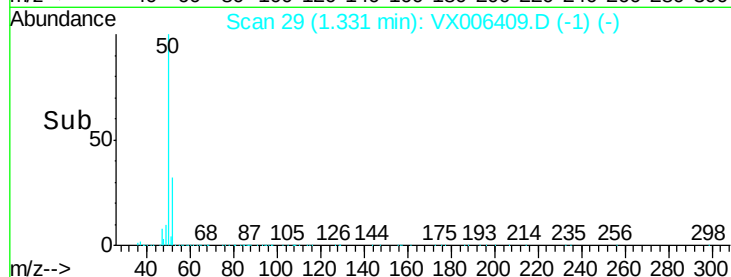
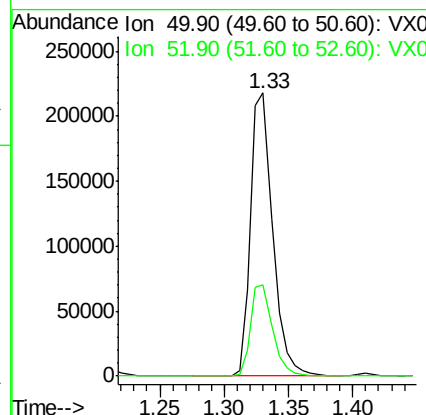
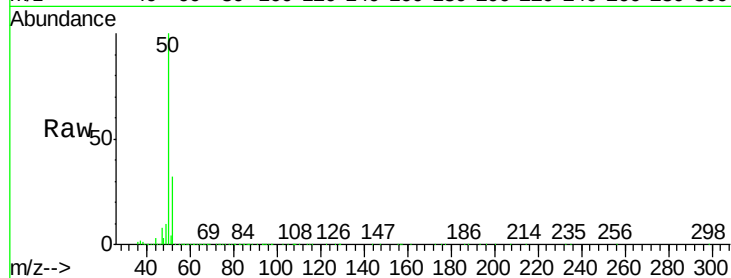
#3
Chloromethane
Concen: 46.608 ug/l
RT: 1.33 min Scan# 29
Delta R.T. 0.00 min
Lab File: VX006409.D
Acq: 11 Dec 2018 09:31

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
50	100		
52	32.3	25.2	37.8

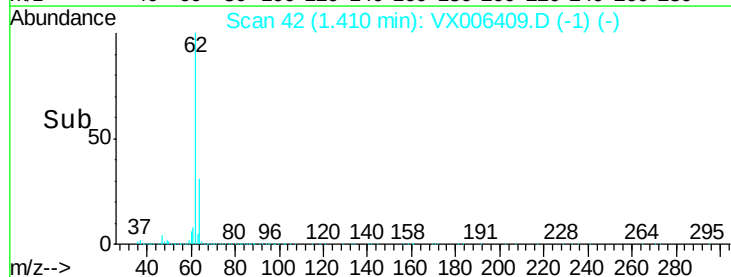
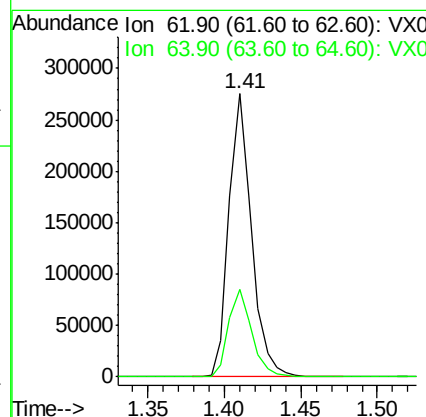
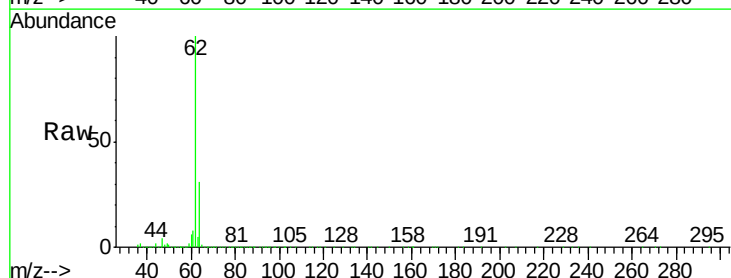
Manual Integrations
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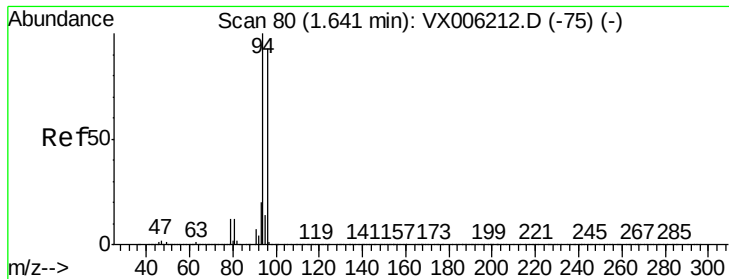
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#4
Vinyl Chloride
Concen: 47.833 ug/l
RT: 1.41 min Scan# 42
Delta R.T. 0.00 min
Lab File: VX006409.D
Acq: 11 Dec 2018 09:31

Tgt Ion	Ratio	Lower	Upper
62	100		
64	31.1	24.9	37.3





#5

Bromomethane

Concen: 58.446 ug/l

RT: 1.64 min Scan# 80

Delta R.T. 0.00 min

Lab File: VX006409.D

Acq: 11 Dec 2018 09:31

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 94 Resp: 239245

Ion Ratio Lower Upper

94 100

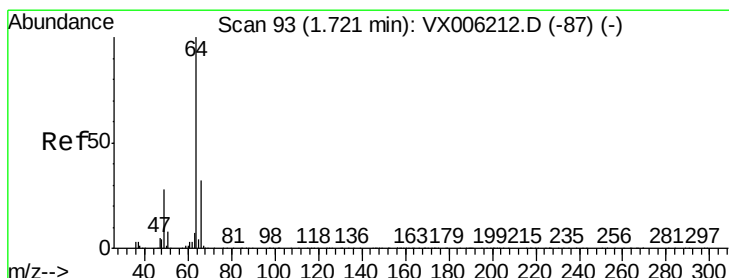
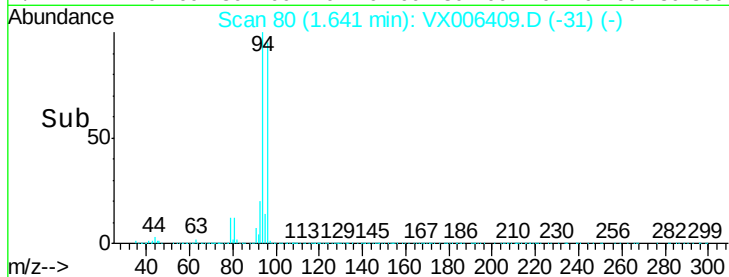
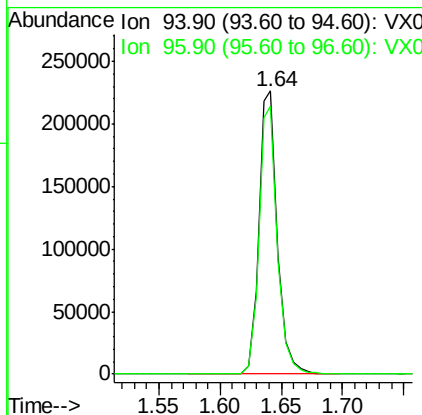
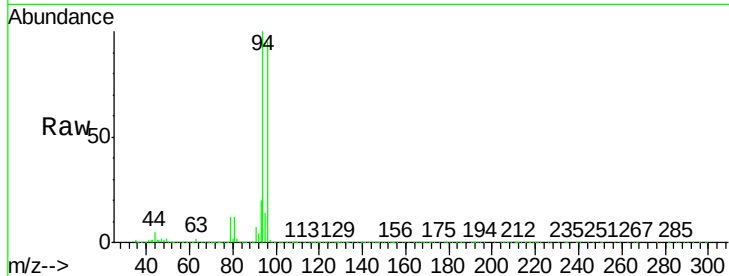
96 94.7 74.5 111.7

Manual Integrations

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#6

Chloroethane

Concen: 48.601 ug/l

RT: 1.71 min Scan# 92

Delta R.T. -0.01 min

Lab File: VX006409.D

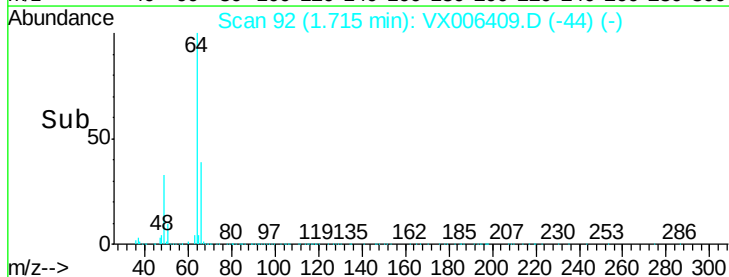
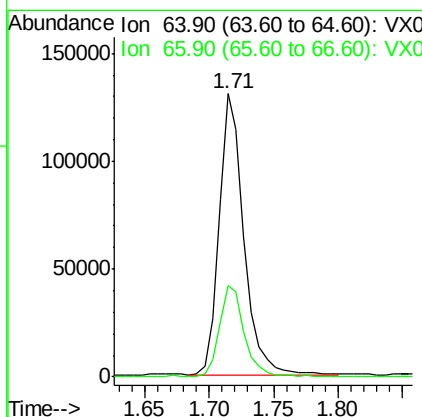
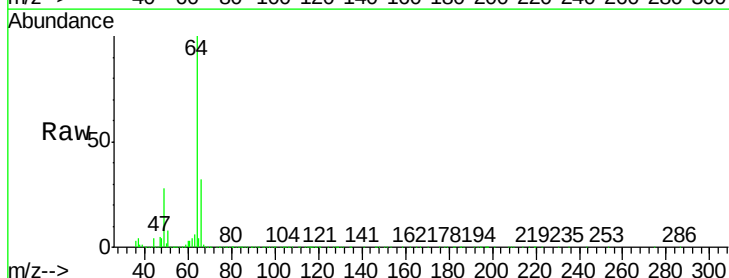
Acq: 11 Dec 2018 09:31

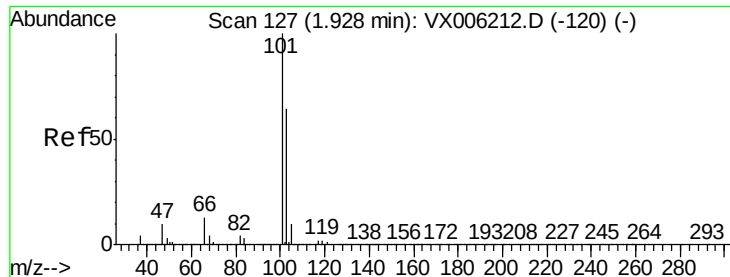
Tgt Ion: 64 Resp: 176009

Ion Ratio Lower Upper

64 100

66 32.5 25.9 38.9





#7

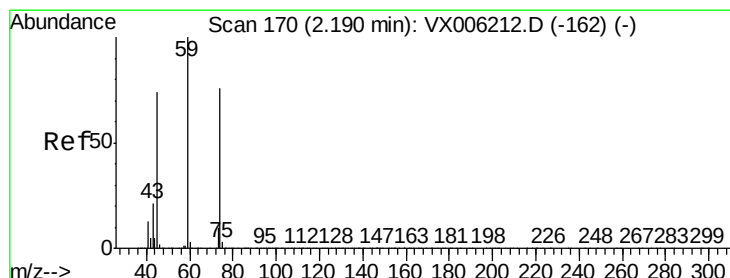
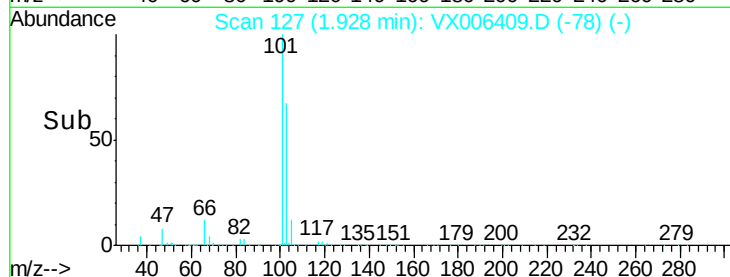
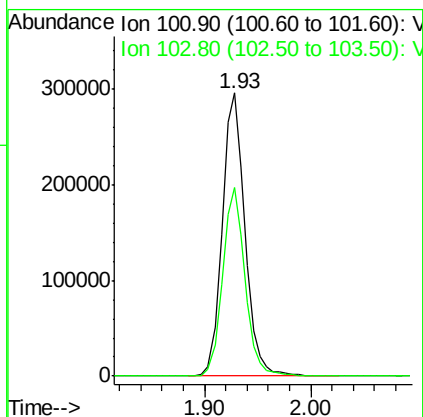
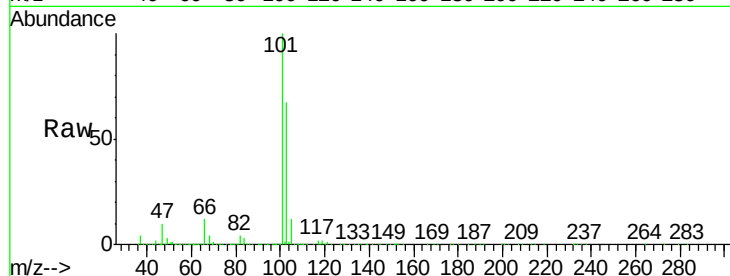
Trichlorofluoromethane
Concen: 48.516 ug/l
RT: 1.93 min Scan# 127
Delta R.T. 0.00 min
Lab File: VX006409.D
Acq: 11 Dec 2018 09:31

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
101	100		
103	66.6	51.0	76.4

Manual Integrations
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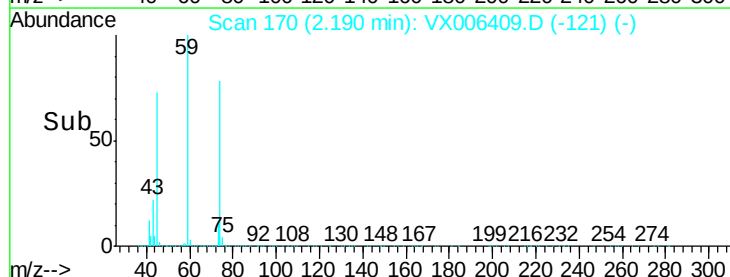
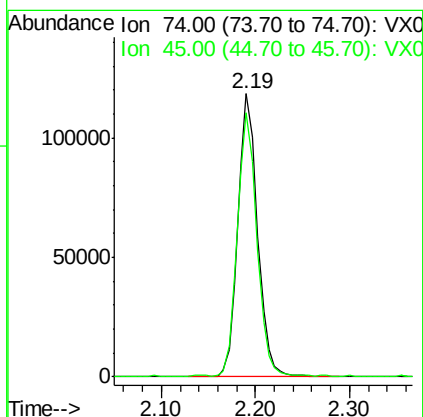
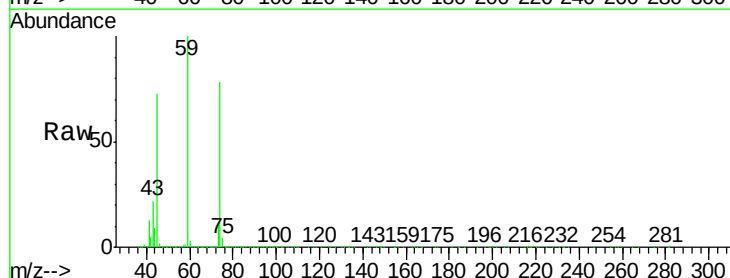
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12/11/2018 10:54:03 AM

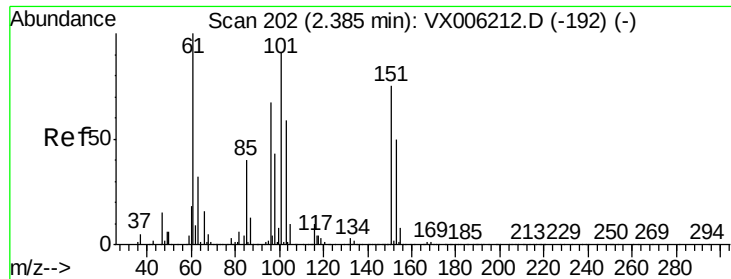


#8

Diethyl Ether
Concen: 49.948 ug/l
RT: 2.19 min Scan# 170
Delta R.T. 0.00 min
Lab File: VX006409.D
Acq: 11 Dec 2018 09:31

Tgt Ion	Ratio	Lower	Upper
74	100		
45	92.6	49.5	148.7





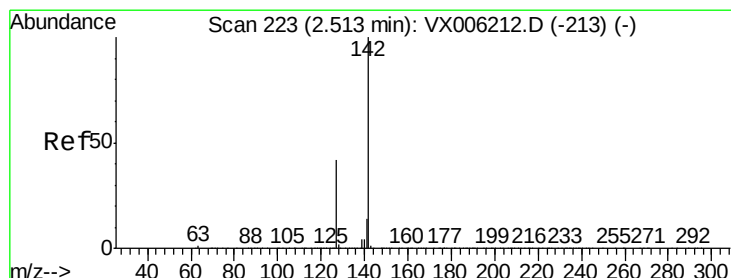
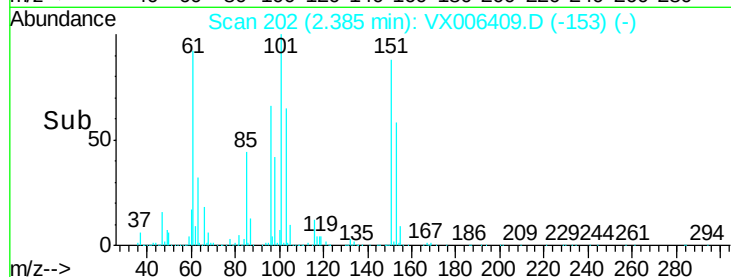
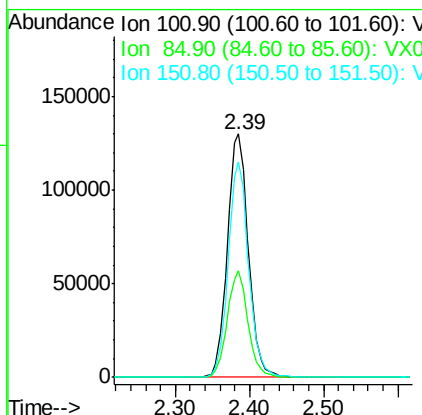
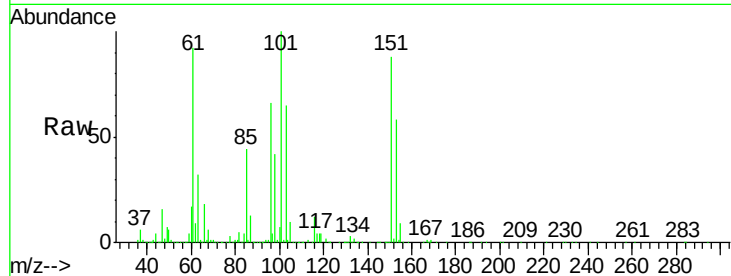
#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 49.723 ug/l
 RT: 2.39 min Scan# 202
 Delta R.T. 0.00 min
 Lab File: VX006409.D
 Acq: 11 Dec 2018 09:31

Instrument :
 MSVOA_X
 ClientSampleId :
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Tot Ion	Ratio	Resp	Lower	Upper
101	100	256348		
85	43.0		35.5	53.3
151	86.1		68.6	103.0

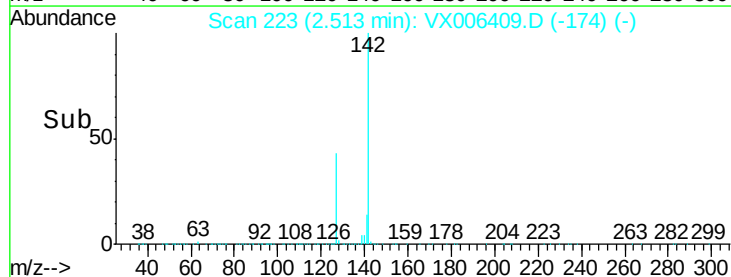
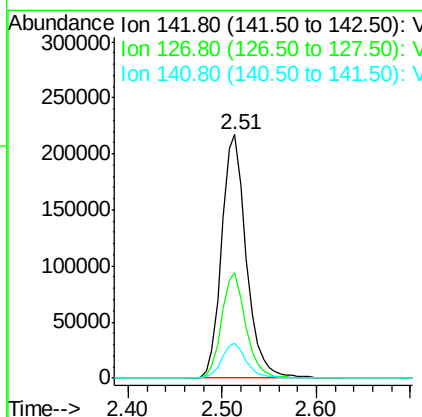
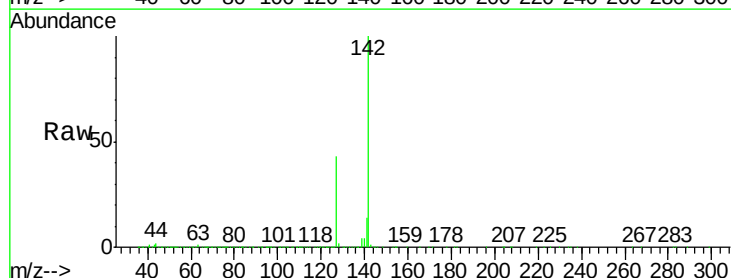
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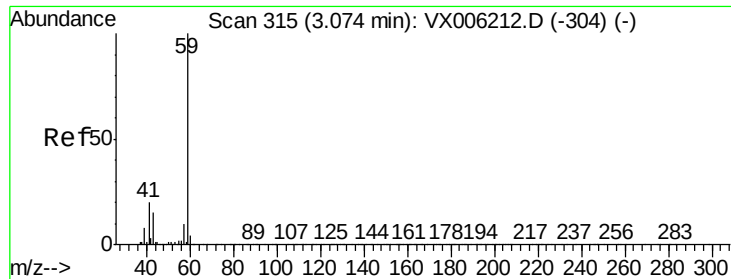
MMDadoda
 12/11/2018 10:54:03 AM



#10
 Methyl Iodide
 Concen: 50.644 ug/l
 RT: 2.51 min Scan# 223
 Delta R.T. 0.00 min
 Lab File: VX006409.D
 Acq: 11 Dec 2018 09:31

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	393478		
127	42.5		34.8	52.2
141	14.0		11.4	17.2





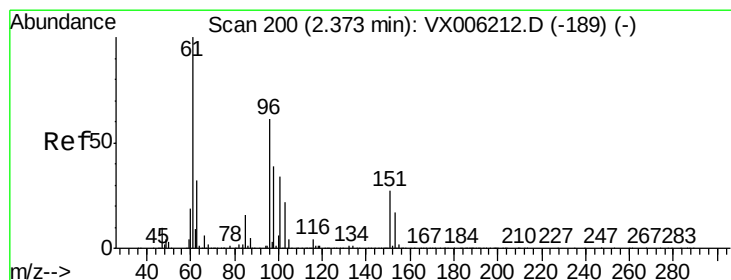
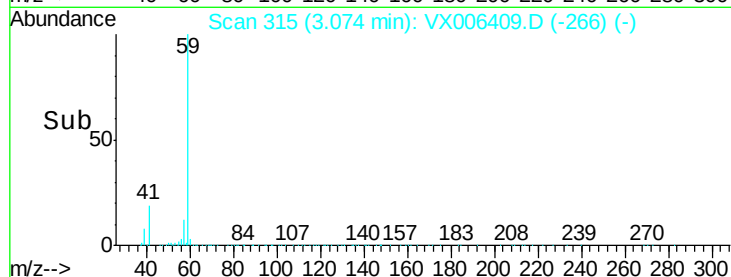
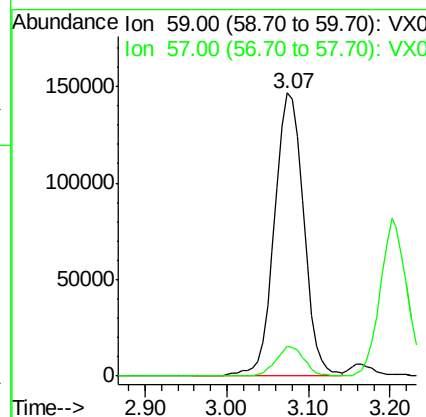
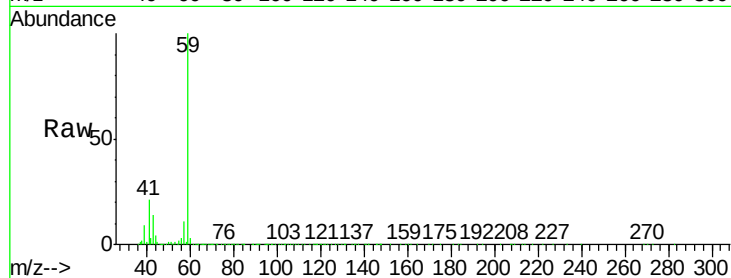
#11
Tert butyl alcohol
Concen: 239.123 ug/l
RT: 3.07 min Scan# 315
Delta R.T. 0.00 min
Lab File: VX006409.D
Acq: 11 Dec 2018 09:31

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 59 Resp: 364113
Ion Ratio Lower Upper
59 100
57 10.2 8.2 12.2

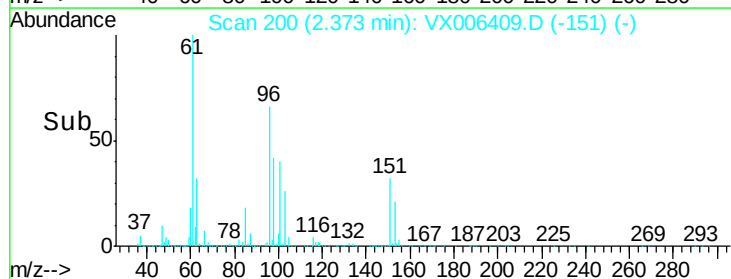
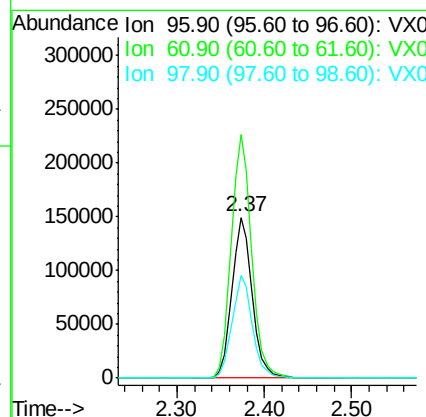
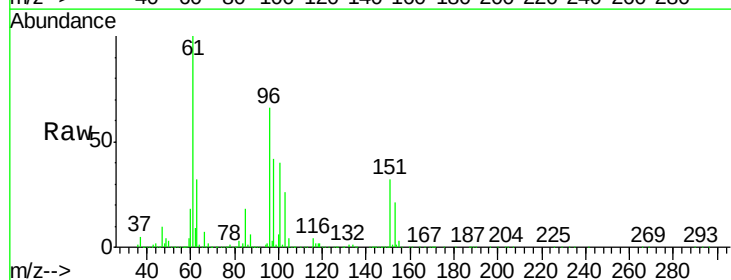
Manual Integrations
APPROVED

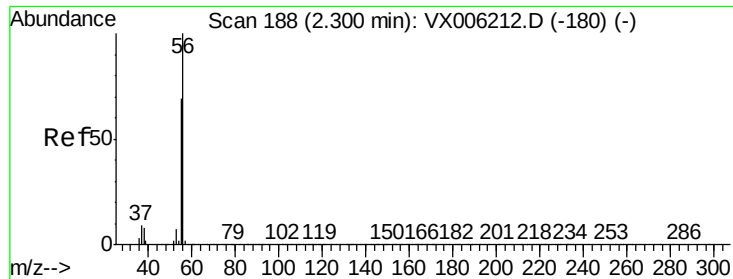
MMDadoda
12/11/2018 10:54:03 AM



#12
1,1-Dichloroethene
Concen: 48.529 ug/l
RT: 2.37 min Scan# 200
Delta R.T. 0.00 min
Lab File: VX006409.D
Acq: 11 Dec 2018 09:31

Tgt Ion: 96 Resp: 239506
Ion Ratio Lower Upper
96 100
61 151.4 131.7 197.5
98 63.9 51.8 77.6





#13

Acrolein

Concen: 219.184 ug/l

RT: 2.30 min Scan# 188

Delta R.T. 0.00 min

Lab File: VX006409.D

Acq: 11 Dec 2018 09:31

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 56 Resp: 182417

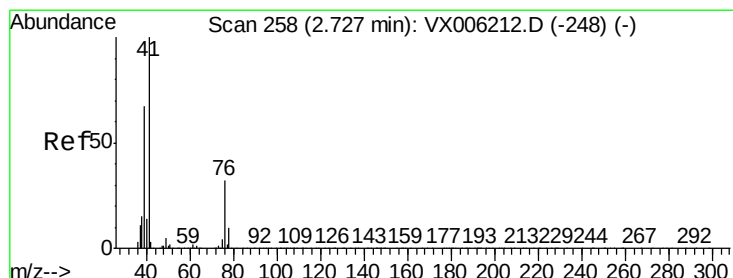
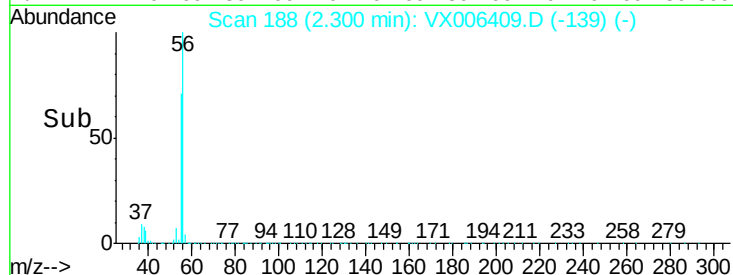
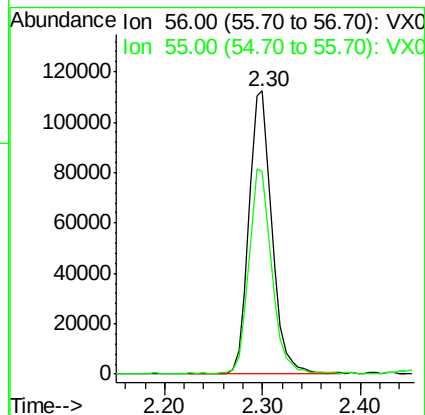
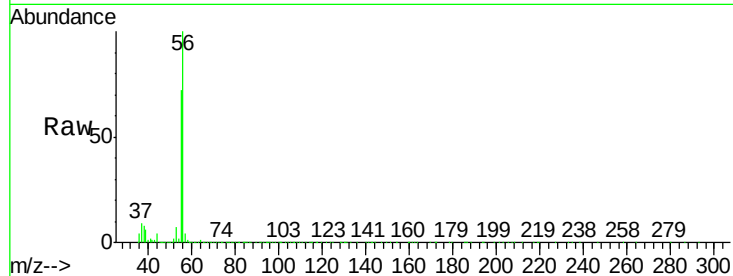
Ion Ratio Lower Upper

56 100

55 71.5 57.8 86.6

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#14

Allyl chloride

Concen: 41.913 ug/l

RT: 2.73 min Scan# 258

Delta R.T. 0.00 min

Lab File: VX006409.D

Acq: 11 Dec 2018 09:31

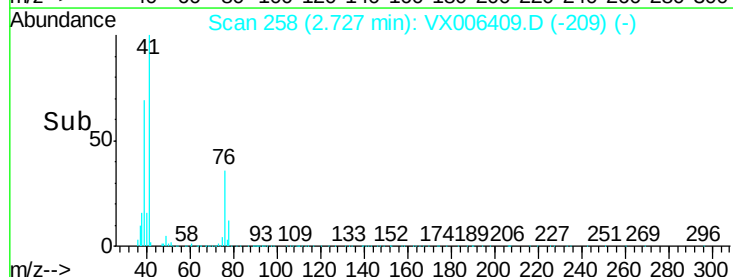
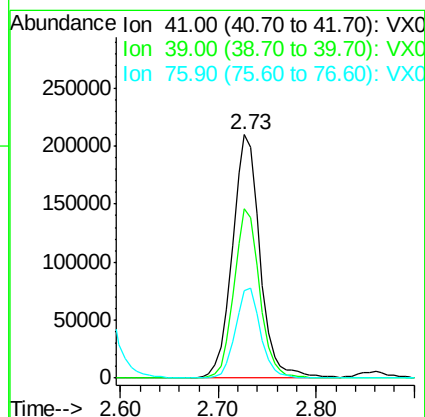
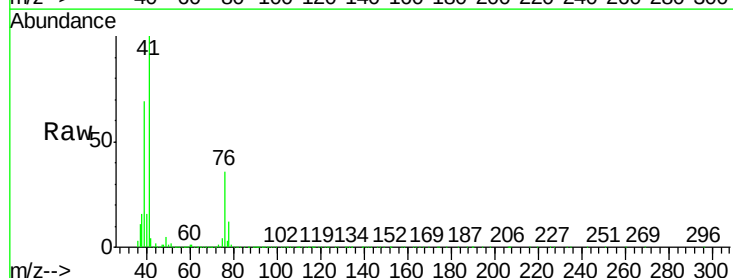
Tgt Ion: 41 Resp: 408626

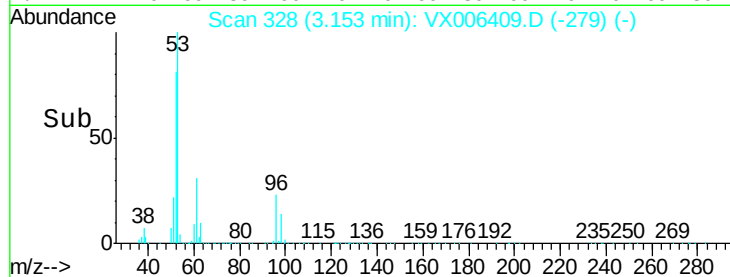
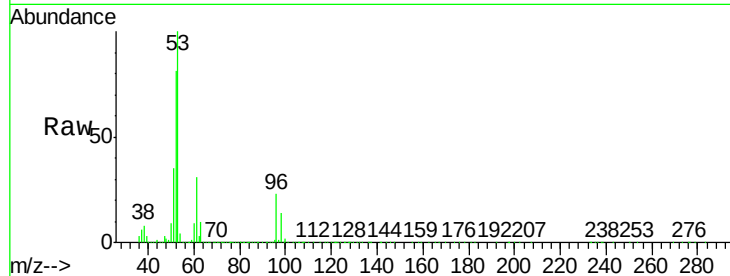
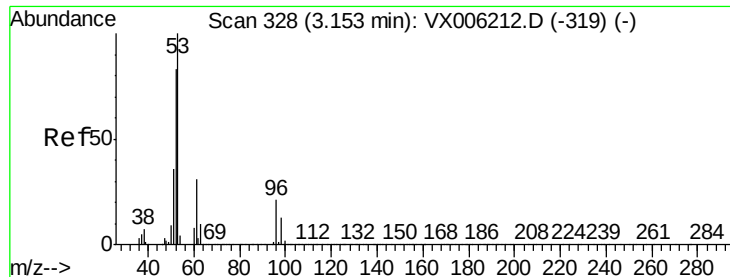
Ion Ratio Lower Upper

41 100

39 64.7 52.4 78.6

76 33.8 25.4 38.0





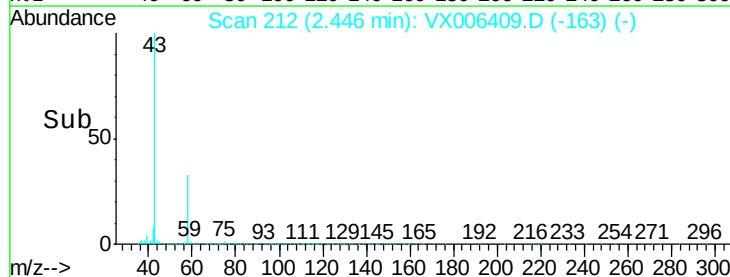
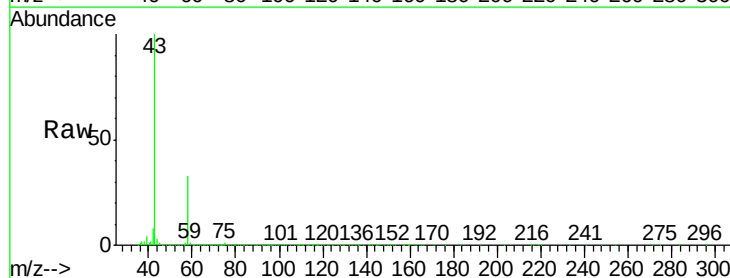
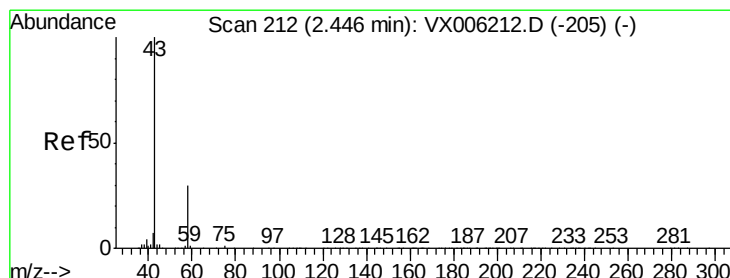
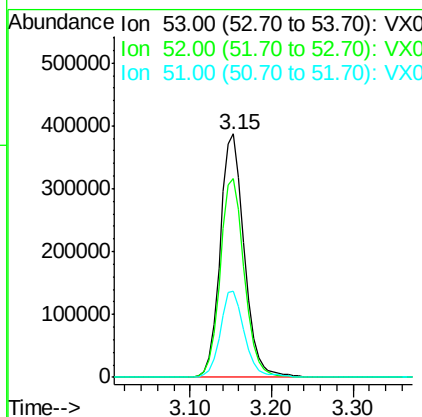
#15
Acrylonitrile
Concen: 248.013 ug/l
RT: 3.15 min Scan# 328
Delta R.T. 0.00 min
Lab File: VX006409.D
Acq: 11 Dec 2018 09:31

Tot Ion	53	Resp	788065
Ion Ratio	Lower	Upper	
53	100		
52	82.1	66.2	99.4
51	35.6	28.7	43.1

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

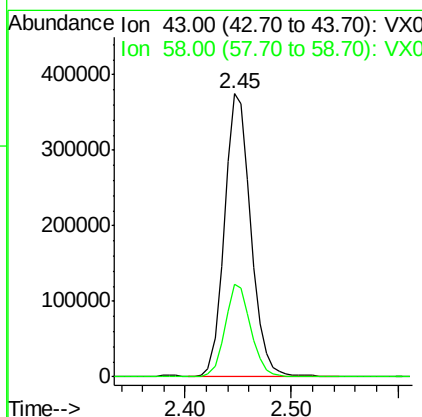
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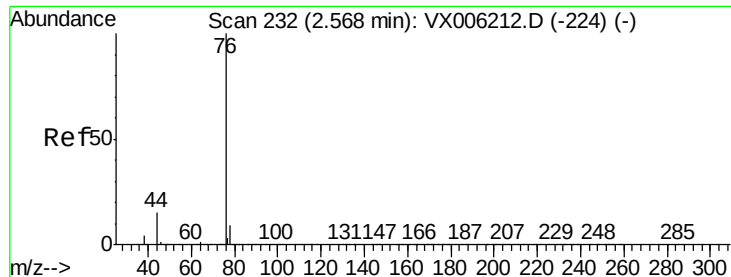
MMDadoda
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#16
Acetone
Concen: 246.764 ug/l
RT: 2.45 min Scan# 212
Delta R.T. 0.00 min
Lab File: VX006409.D
Acq: 11 Dec 2018 09:31

Tgt Ion	43	Resp	644792
Ion Ratio	Lower	Upper	
43	100		
58	32.5	24.0	36.0





#17

Carbon Disulfide

Concen: 39.692 ug/l

RT: 2.57 min Scan# 232

Delta R.T. 0.00 min

Lab File: VX006409.D

Acq: 11 Dec 2018 09:31

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 76 Resp: 603641

Ion Ratio Lower Upper

76 100

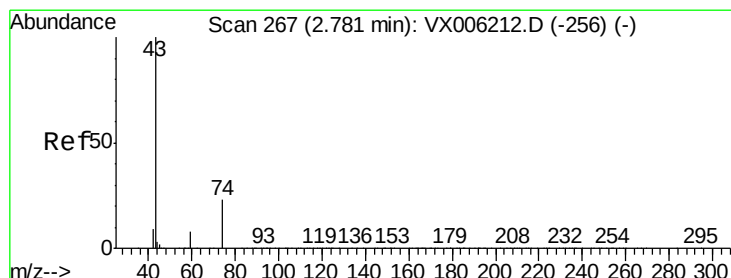
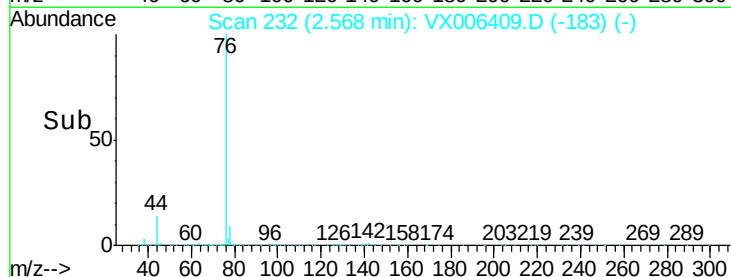
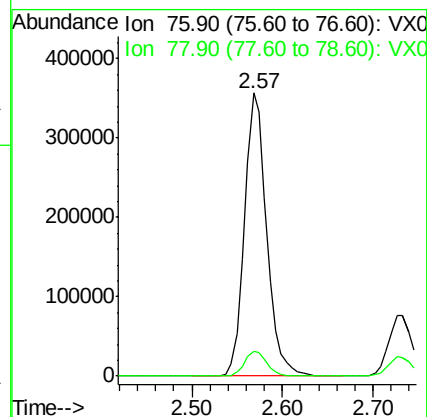
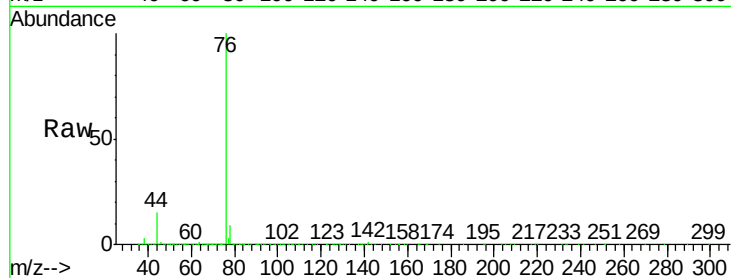
78 8.8 7.1 10.7

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#18

Methyl Acetate

Concen: 51.237 ug/l

RT: 2.78 min Scan# 267

Delta R.T. 0.00 min

Lab File: VX006409.D

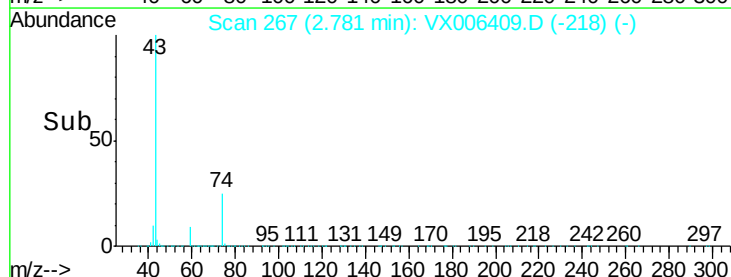
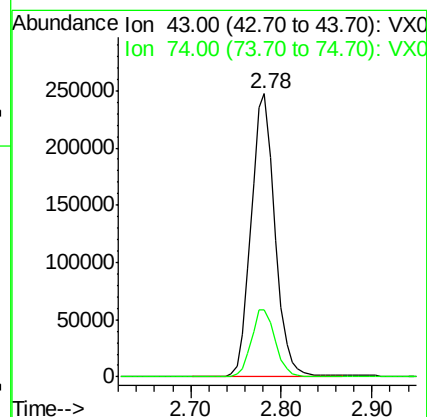
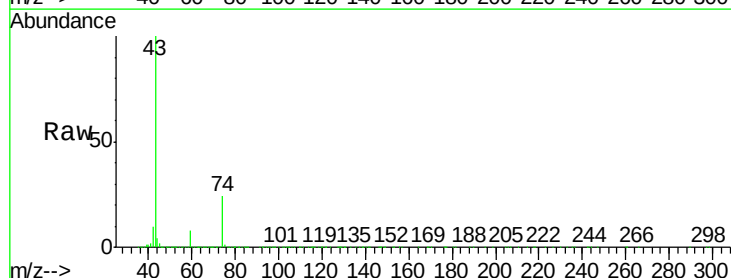
Acq: 11 Dec 2018 09:31

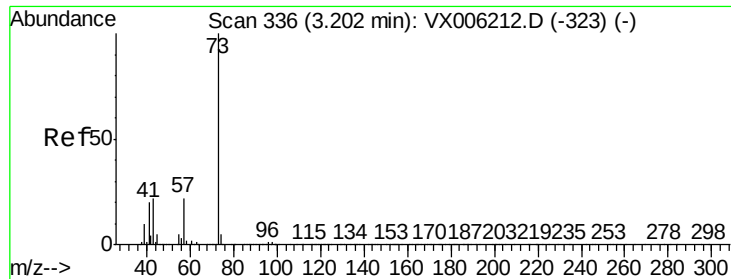
Tgt Ion: 43 Resp: 447727

Ion Ratio Lower Upper

43 100

74 24.1 17.9 26.9





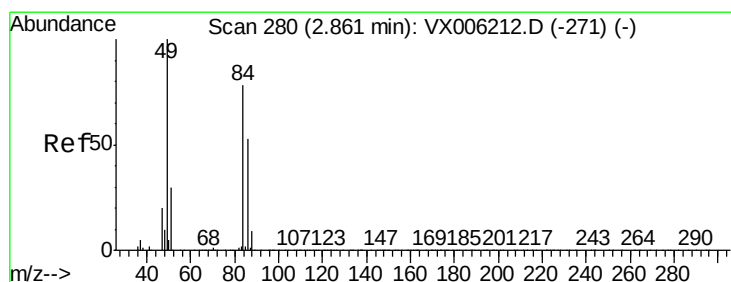
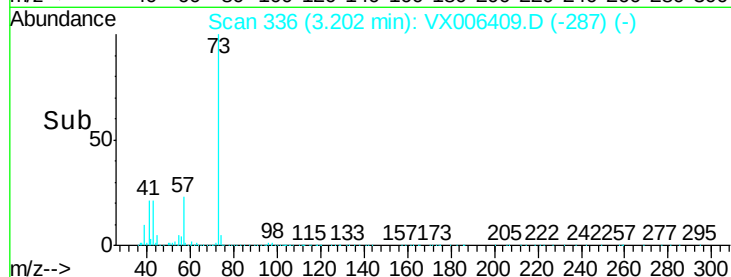
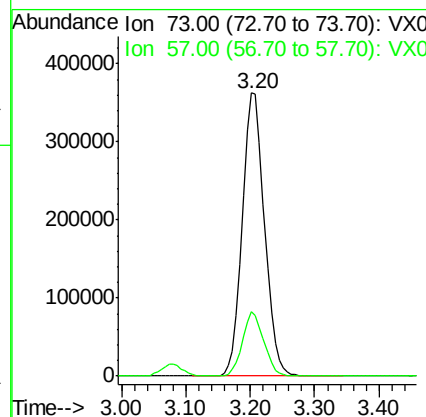
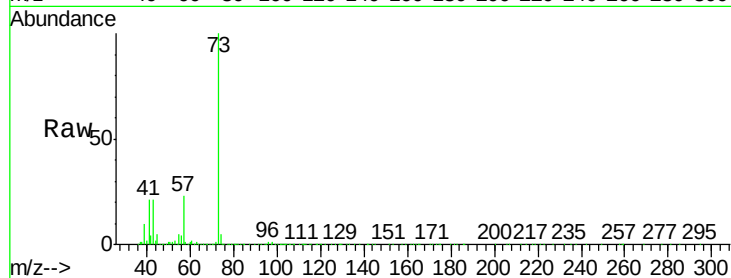
#19
Methyl tert-butyl Ether
Concen: 49.214 ug/l
RT: 3.20 min Scan# 336
Delta R.T. 0.00 min
Lab File: VX006409.D
Acq: 11 Dec 2018 09:31

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
73	100		
57	22.5	17.5	26.3

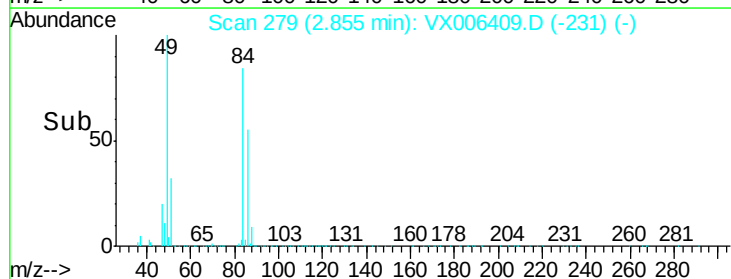
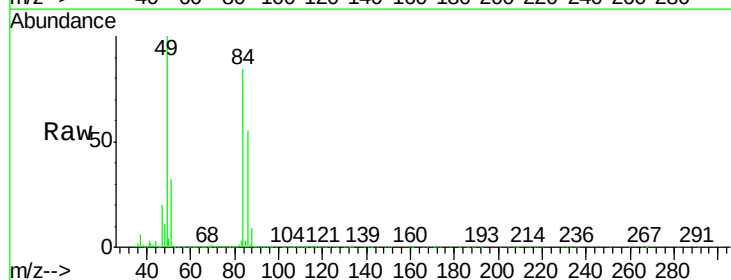
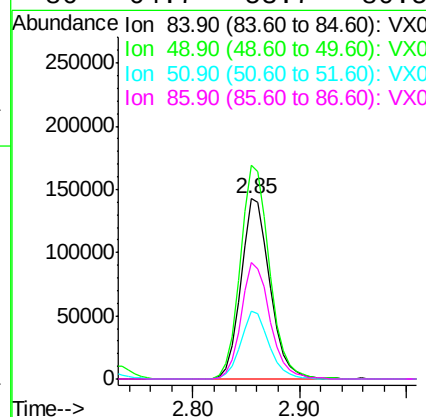
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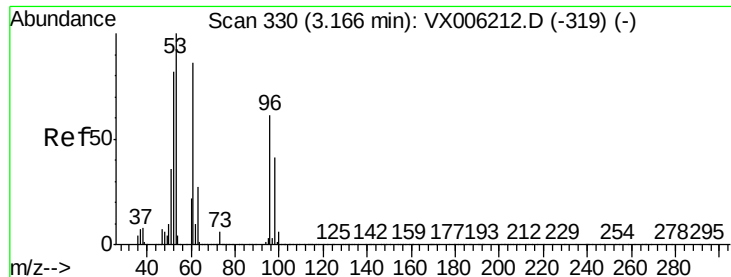
MMDadoda
12/11/2018 10:54:03 AM



#20
Methylene Chloride
Concen: 49.294 ug/l
RT: 2.85 min Scan# 279
Delta R.T. -0.01 min
Lab File: VX006409.D
Acq: 11 Dec 2018 09:31

Tgt Ion	Ratio	Lower	Upper
84	100		
49	118.5	102.2	153.4
51	37.3	31.1	46.7
86	64.7	53.7	80.5





#21

trans-1,2-Dichloroethene

Concen: 48.517 ug/l

RT: 3.17 min Scan# 330

Delta R.T. 0.00 min

Lab File: VX006409.D

Acq: 11 Dec 2018 09:31

Instrument :

MSVOA_X

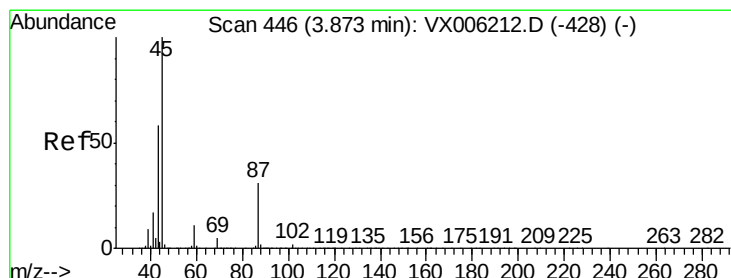
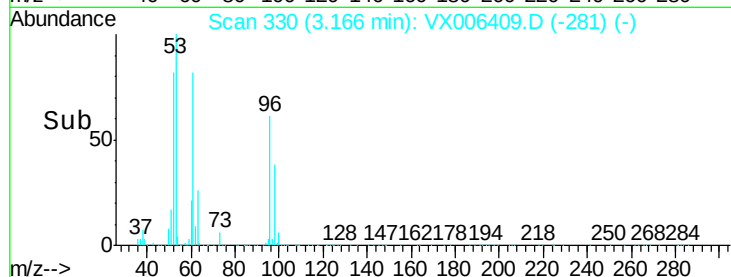
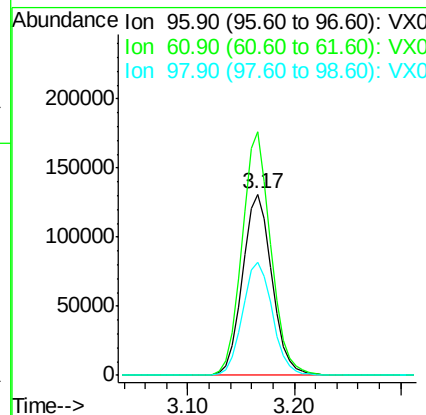
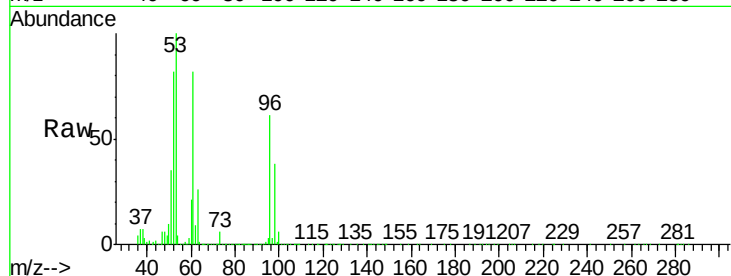
ClientSampleId :

VSTDCCC050EC

Tot Ion:	96	Resp:	255175
Ion Ratio	Lower	Upper	
96	100		
61	134.4	113.3	169.9
98	62.6	53.2	79.8

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#22

Diisopropyl ether

Concen: 51.142 ug/l

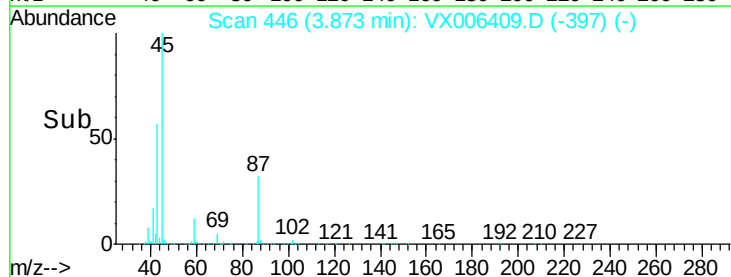
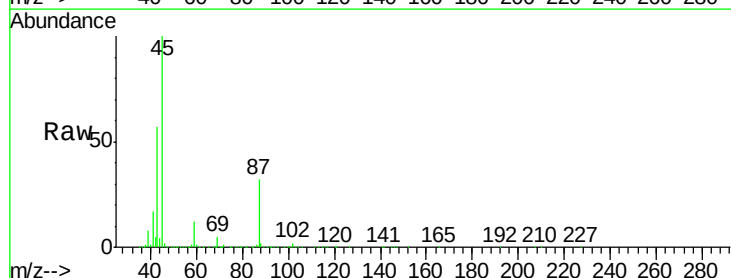
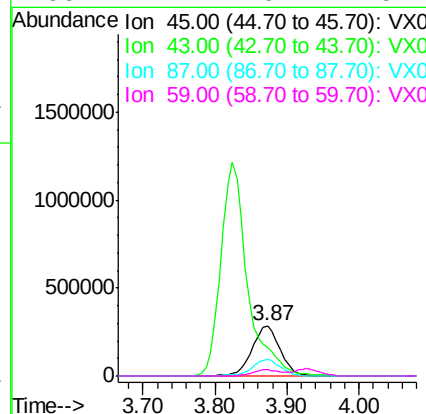
RT: 3.87 min Scan# 446

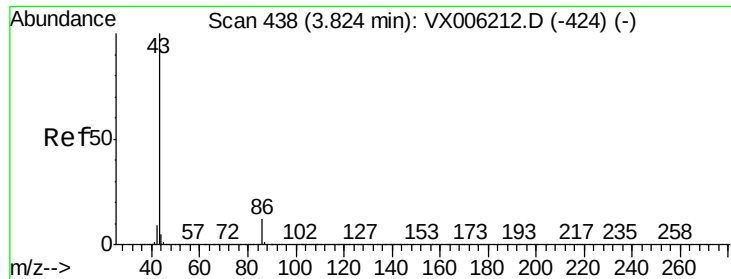
Delta R.T. 0.00 min

Lab File: VX006409.D

Acq: 11 Dec 2018 09:31

Tgt Ion:	45	Resp:	778797
Ion Ratio	Lower	Upper	
45	100		
43	57.1	46.2	69.2
87	32.4	24.9	37.3
59	11.7	9.1	13.7





#23

Vinyl Acetate

Concen: 242.392 ug/l

RT: 3.82 min Scan# 438

Delta R.T. 0.00 min

Lab File: VX006409.D

Acq: 11 Dec 2018 09:31

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 3148242

Ion Ratio Lower Upper

43 100

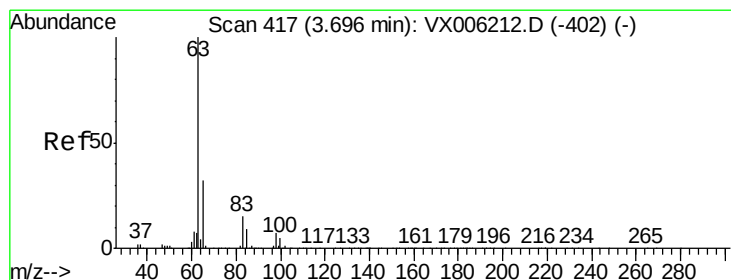
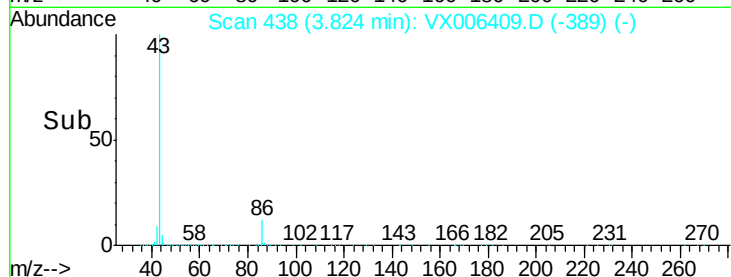
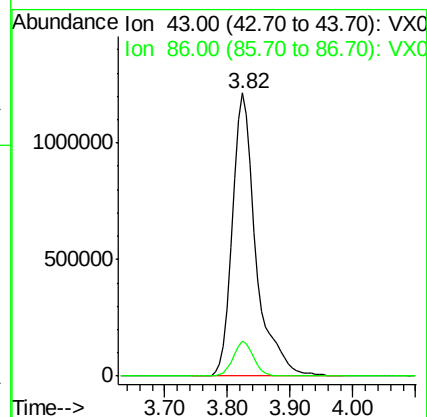
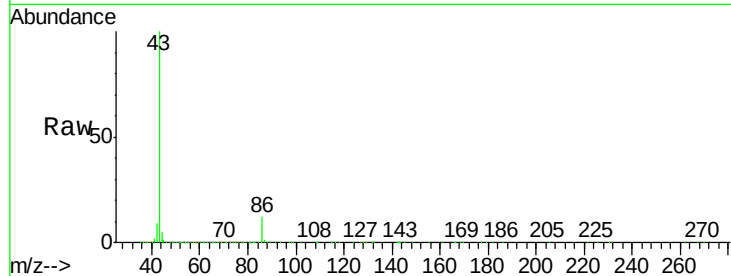
86 12.3 9.4 14.0

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#24

1,1-Dichloroethane

Concen: 51.045 ug/l

RT: 3.70 min Scan# 417

Delta R.T. 0.00 min

Lab File: VX006409.D

Acq: 11 Dec 2018 09:31

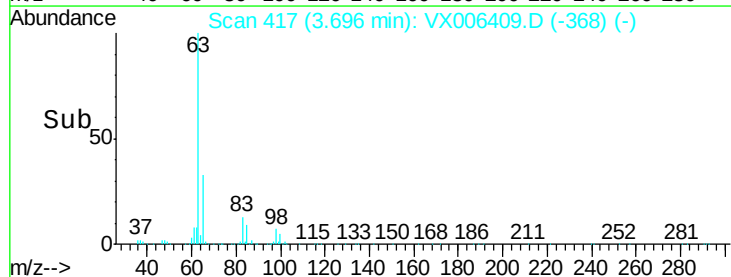
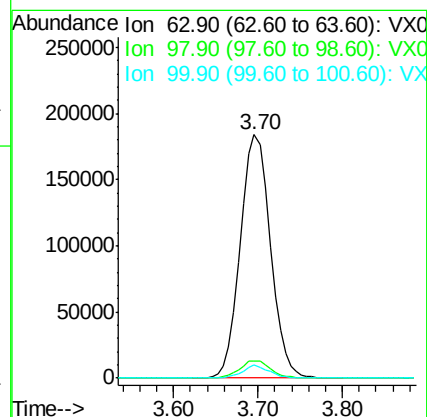
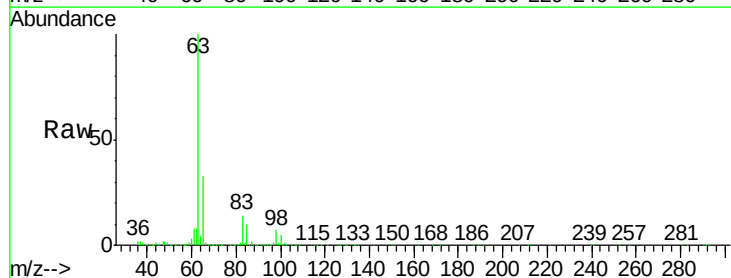
Tgt Ion: 63 Resp: 444293

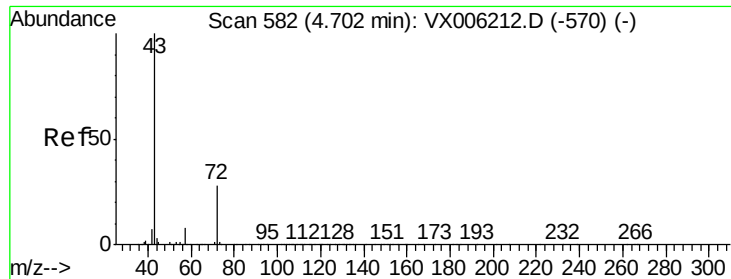
Ion Ratio Lower Upper

63 100

98 7.2 3.8 11.4

100 5.3 2.5 7.4





#25

2-Butanone

Concen: 258.393 ug/l

RT: 4.70 min Scan# 582

Delta R.T. 0.00 min

Lab File: VX006409.D

Acq: 11 Dec 2018 09:31

Tot Ion: 43 Resp: 963384

Ion Ratio Lower Upper

43 100

72 28.8 22.6 33.8

Instrument :

MSVOA_X

ClientSampleId :

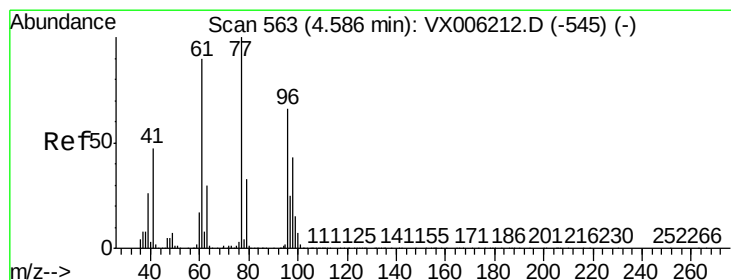
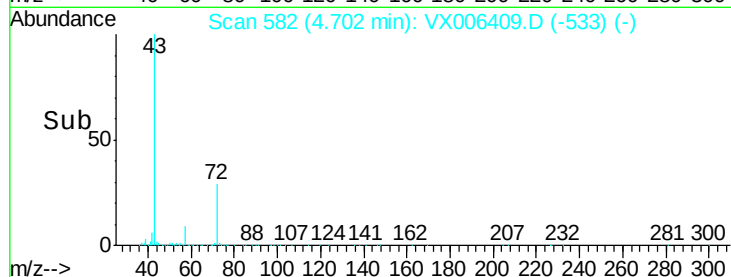
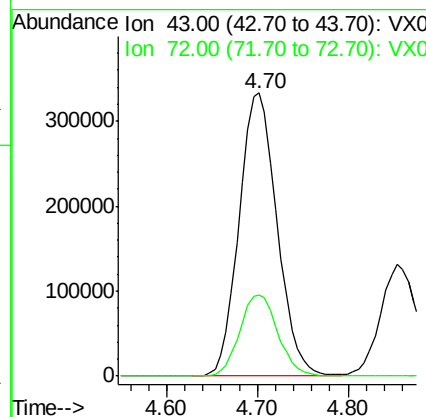
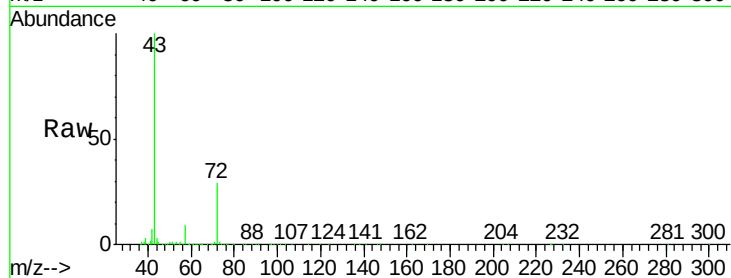
VSTDCCC050EC

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#26

2,2-Dichloropropane

Concen: 31.019 ug/l

RT: 4.59 min Scan# 563

Delta R.T. 0.00 min

Lab File: VX006409.D

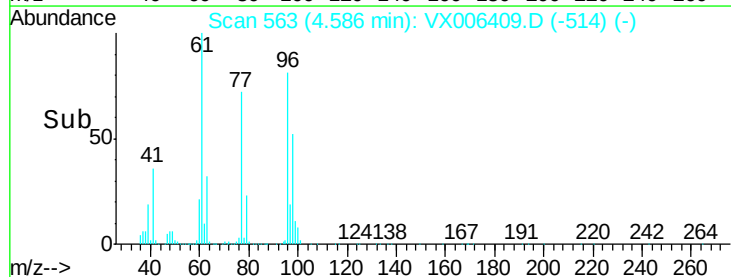
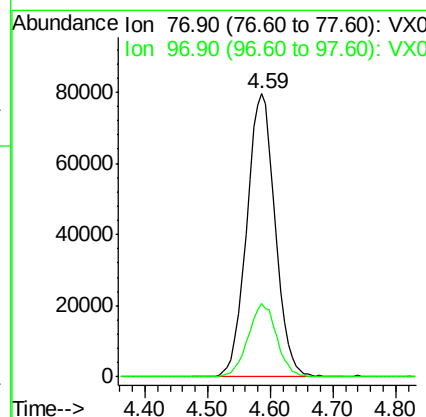
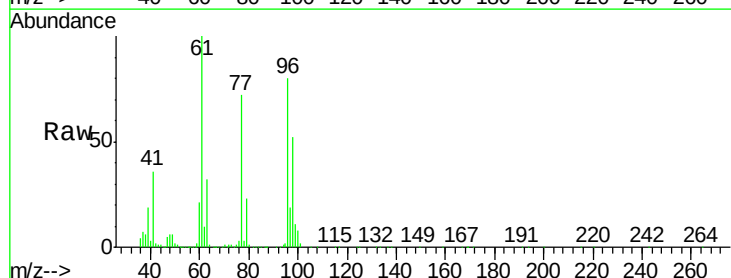
Acq: 11 Dec 2018 09:31

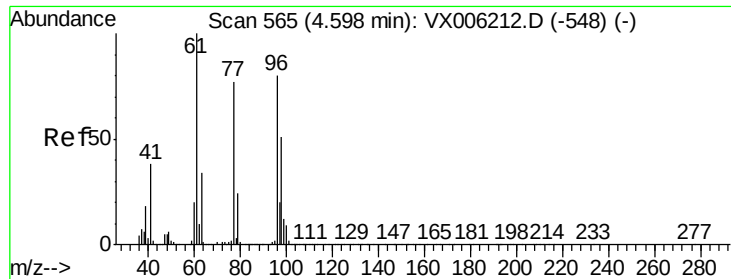
Tgt Ion: 77 Resp: 249165

Ion Ratio Lower Upper

77 100

97 26.0 12.3 36.8





#27

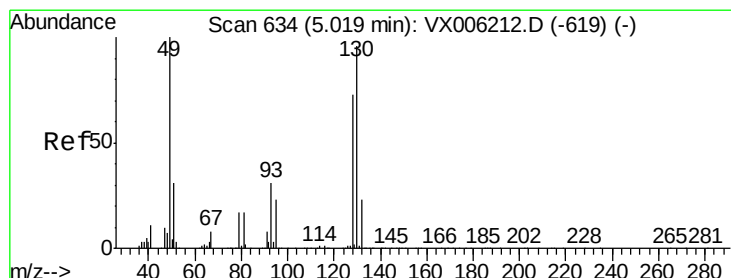
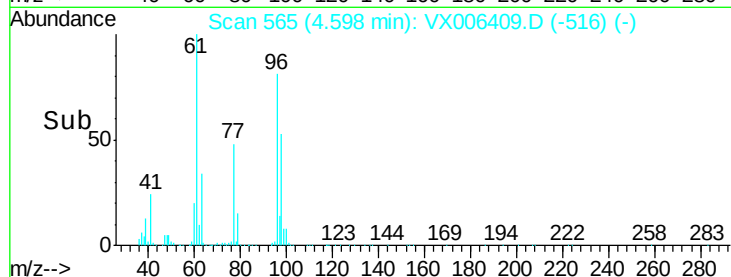
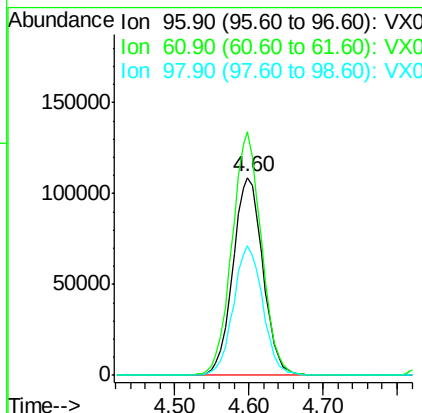
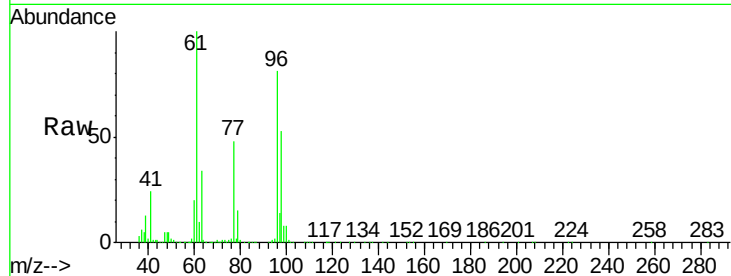
cis-1,2-Dichloroethene
Concen: 52.262 ug/l
RT: 4.60 min Scan# 565
Delta R.T. 0.00 min
Lab File: VX006409.D
Acq: 11 Dec 2018 09:31

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
96	100	306603		
61	121.3		0.0	265.0
98	64.3		0.0	130.2

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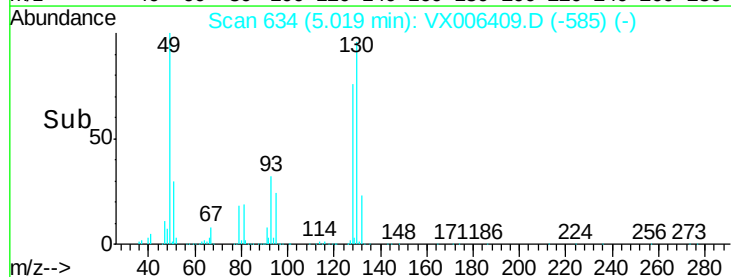
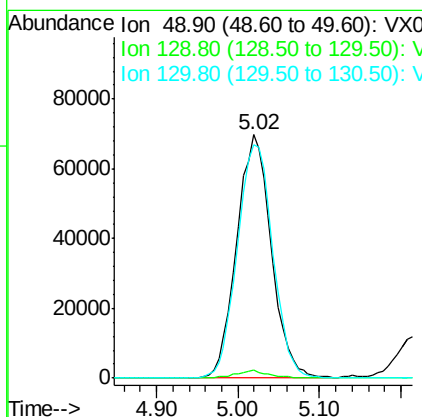
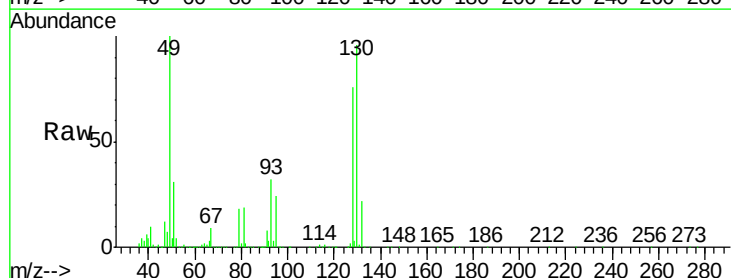
MMDadoda
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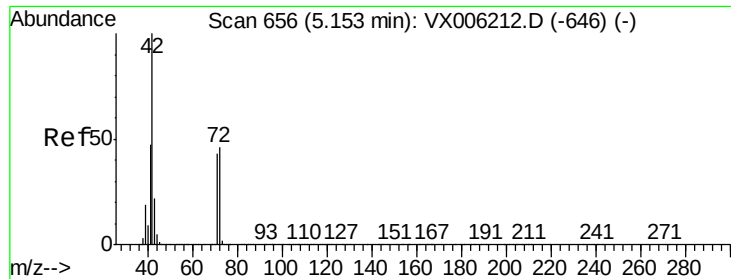


#28

Bromochloromethane
Concen: 53.987 ug/l
RT: 5.02 min Scan# 634
Delta R.T. 0.00 min
Lab File: VX006409.D
Acq: 11 Dec 2018 09:31

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	205249		
129	2.9		0.0	5.0
130	99.0		78.3	117.5





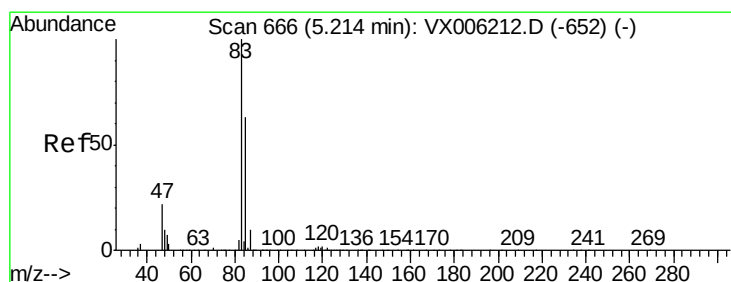
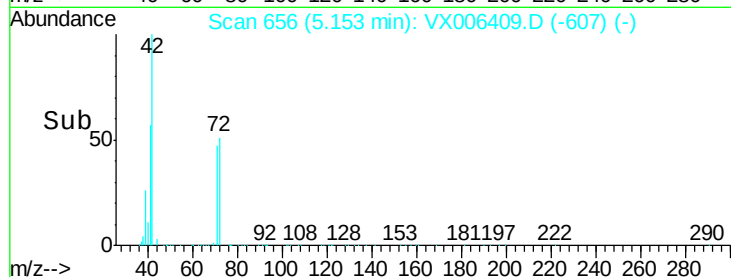
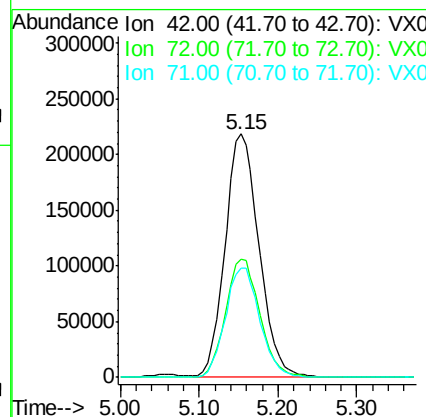
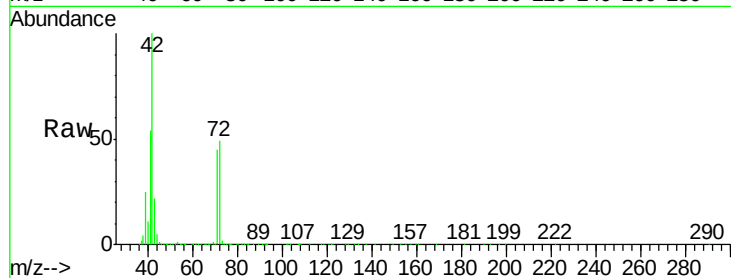
#29
Tetrahydrofuran
Concen: 250.619 ug/l
RT: 5.15 min Scan# 656
Delta R.T. 0.00 min
Lab File: VX006409.D
Acq: 11 Dec 2018 09:31

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
42	100		
72	49.6	37.8	56.8
71	45.9	35.2	52.8

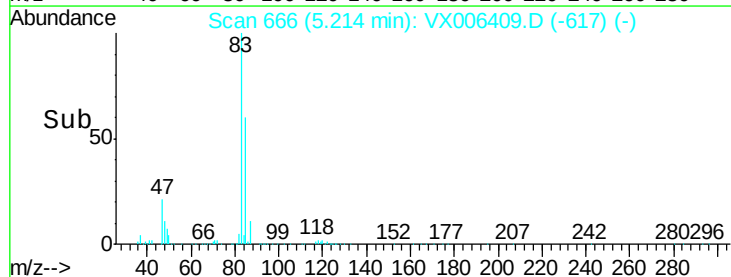
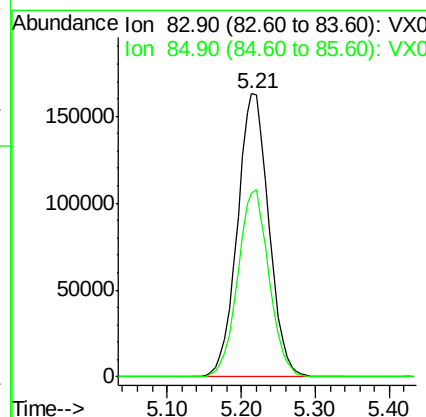
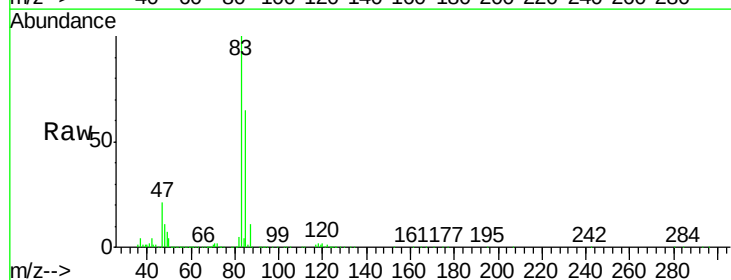
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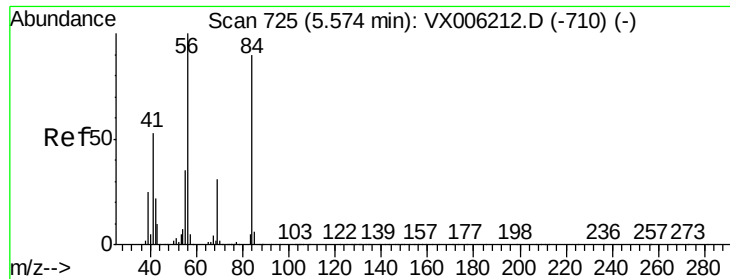
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#30
Chloroform
Concen: 52.678 ug/l
RT: 5.21 min Scan# 666
Delta R.T. 0.00 min
Lab File: VX006409.D
Acq: 11 Dec 2018 09:31

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.7	50.3	75.5





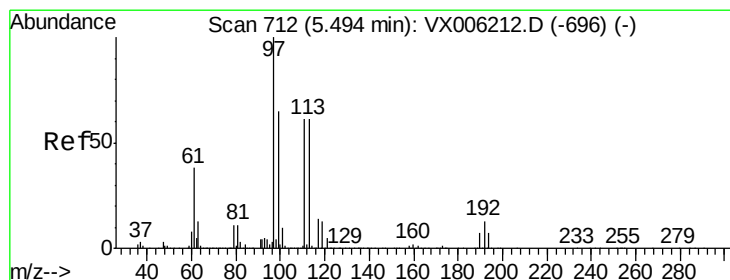
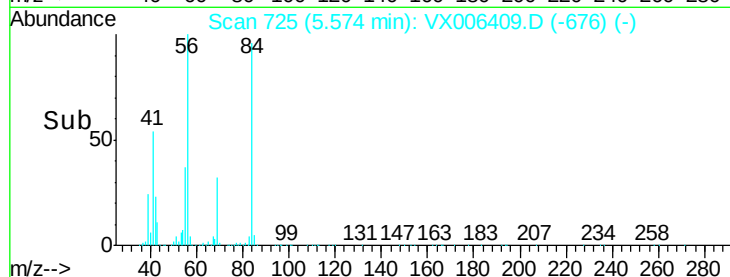
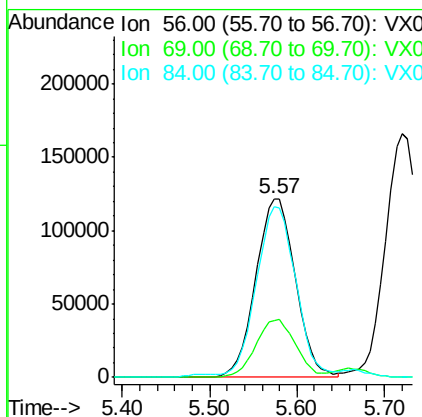
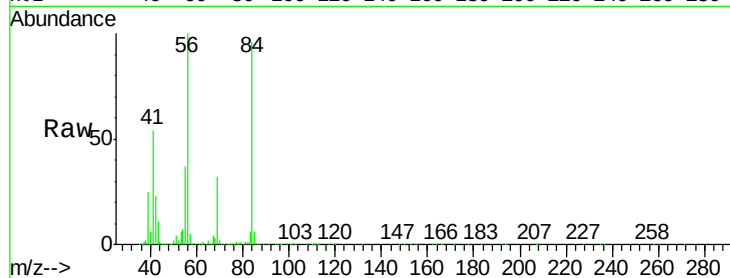
#31
Cyclohexane
Concen: 47.606 ug/l
RT: 5.57 min Scan# 725
Delta R.T. 0.00 min
Lab File: VX006409.D
Acq: 11 Dec 2018 09:31

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
56	100		
69	31.9	24.5	36.7
84	94.3	71.8	107.6

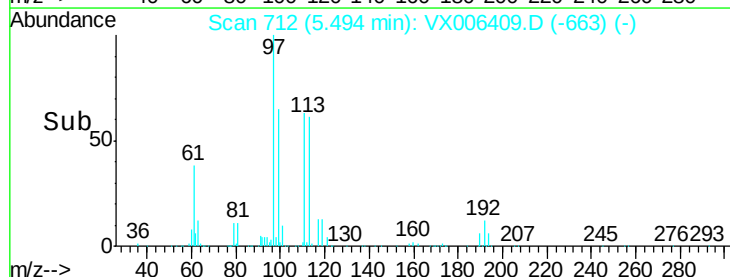
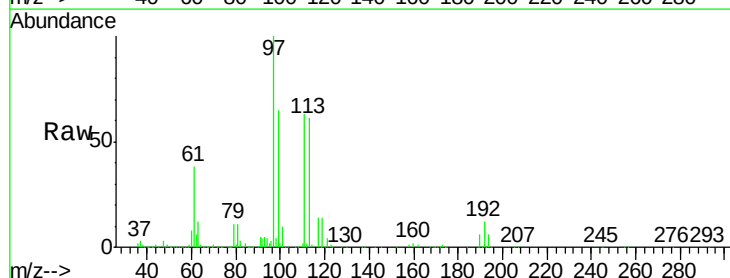
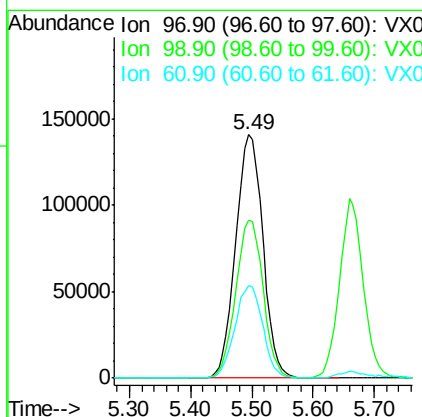
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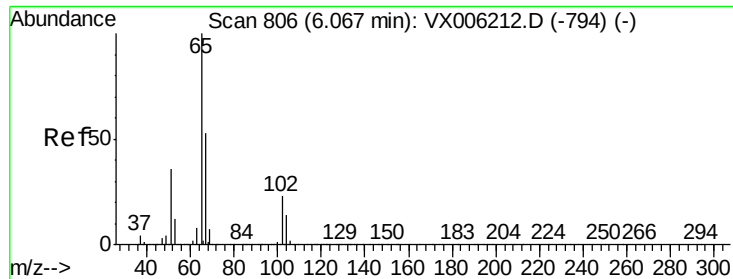
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#32
1,1,1-Trichloroethane
Concen: 49.858 ug/l
RT: 5.49 min Scan# 712
Delta R.T. 0.00 min
Lab File: VX006409.D
Acq: 11 Dec 2018 09:31

Tgt Ion	Ratio	Lower	Upper
97	100		
99	65.0	51.6	77.4
61	38.8	30.6	46.0





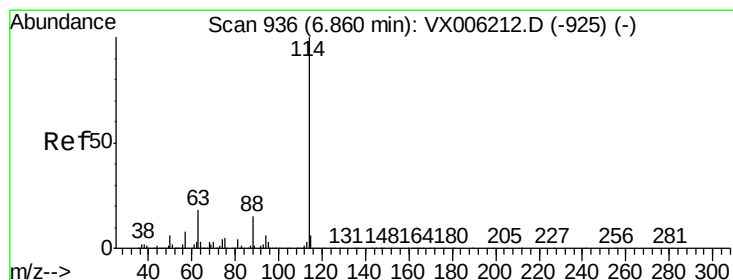
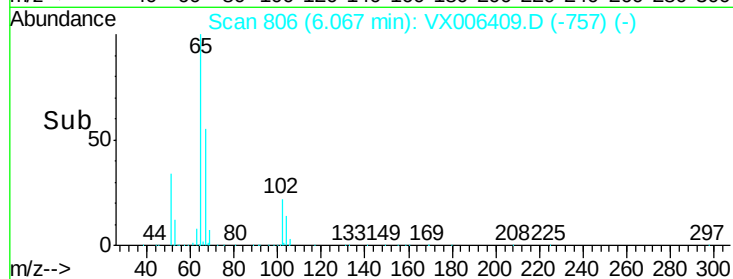
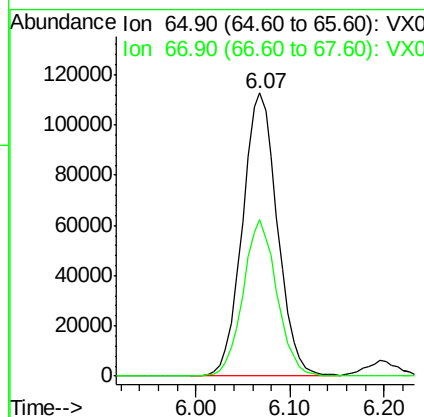
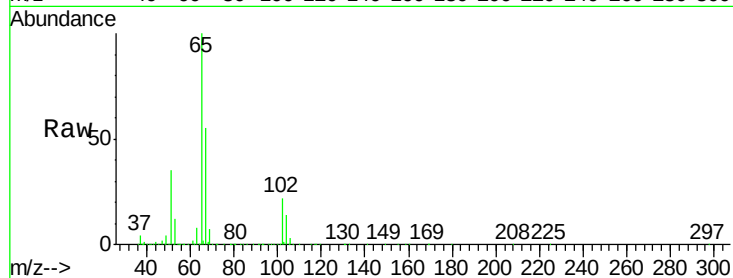
#33
 1,2-Dichloroethane-d4
 Concen: 52.428 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. 0.00 min
 Lab File: VX006409.D
 Acq: 11 Dec 2018 09:31

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
65	100	291915		
67	53.3	0.0	107.2	

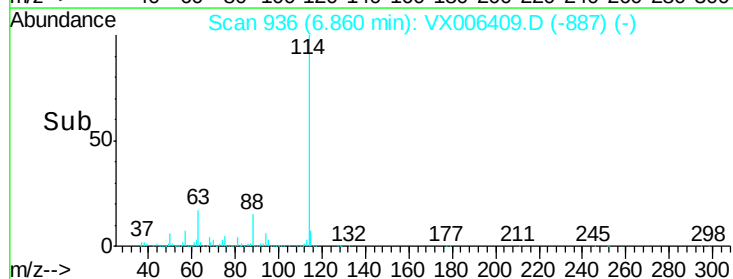
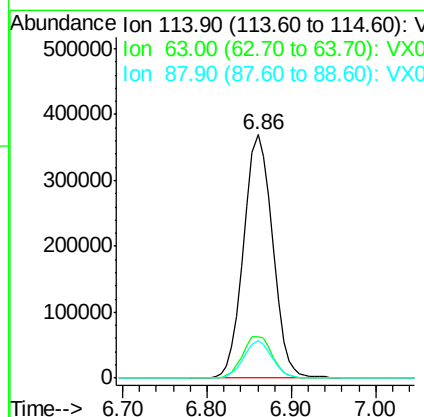
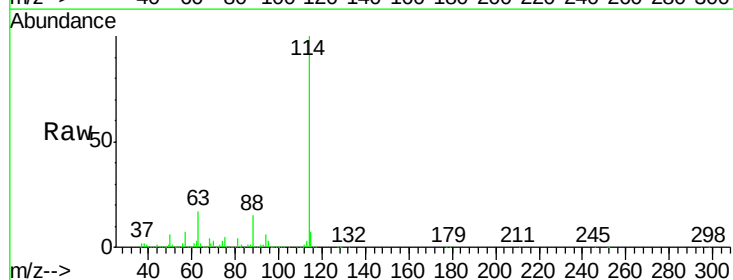
Manual Integrations
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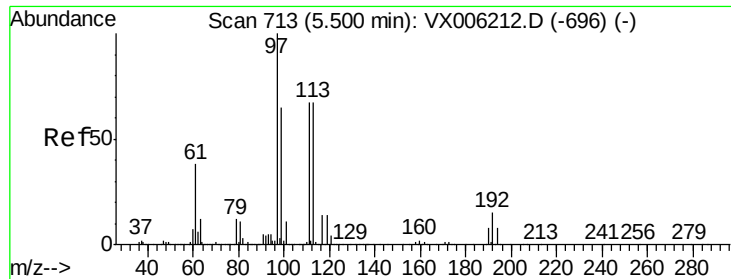
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX006409.D
 Acq: 11 Dec 2018 09:31

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	860579		
63	17.2	0.0	36.6	
88	15.4	0.0	29.0	





#35

Dibromofluoromethane

Concen: 49.165 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.00 min

Lab File: VX006409.D

Acq: 11 Dec 2018 09:31

Instrument :

MSVOA_X

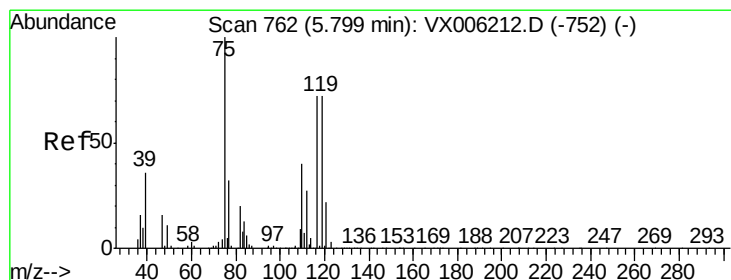
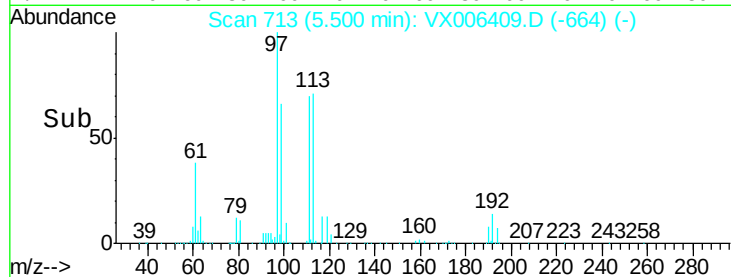
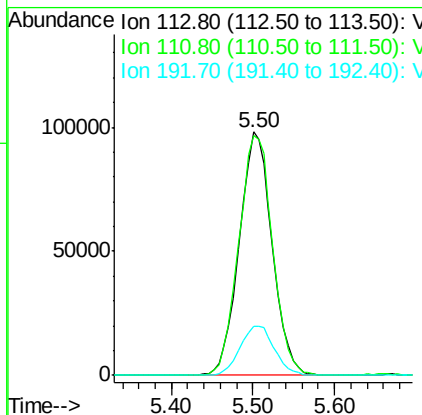
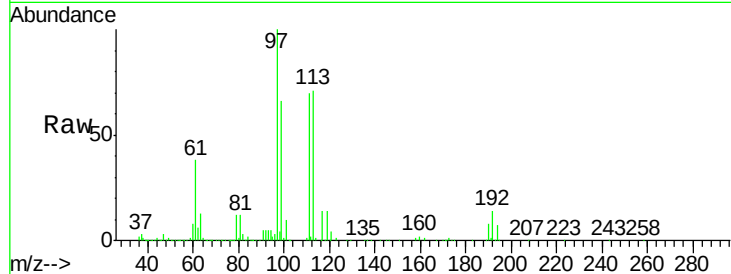
ClientSampleId :

VSTDCCC050EC

Tot Ion:	113	Resp:	273942
Ion Ratio	Lower	Upper	
113	100		
111	101.9	81.1	121.7
192	21.4	18.2	27.2

Manual Integrations
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#36

1,1-Dichloropropene

Concen: 46.848 ug/l

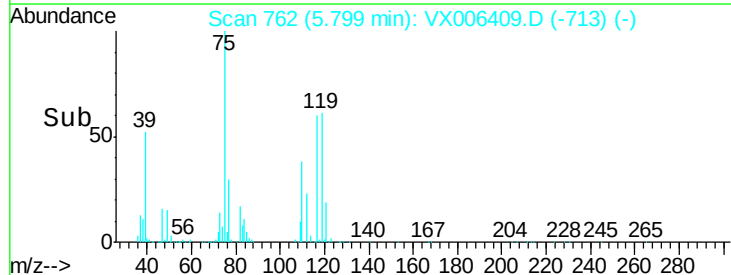
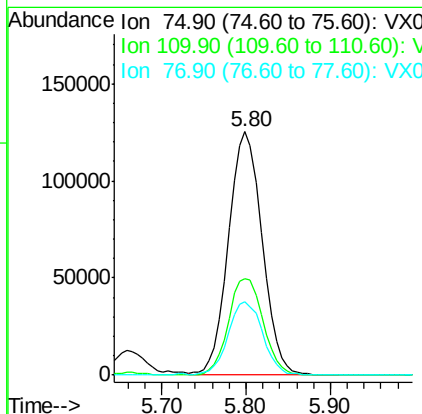
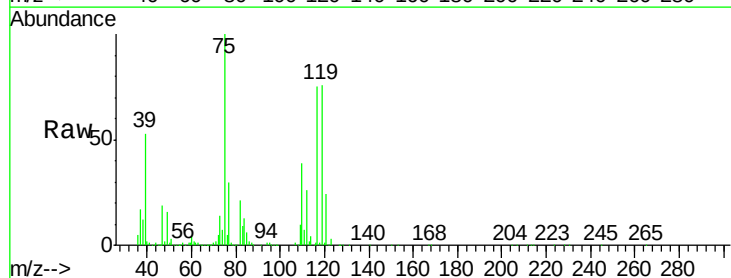
RT: 5.80 min Scan# 762

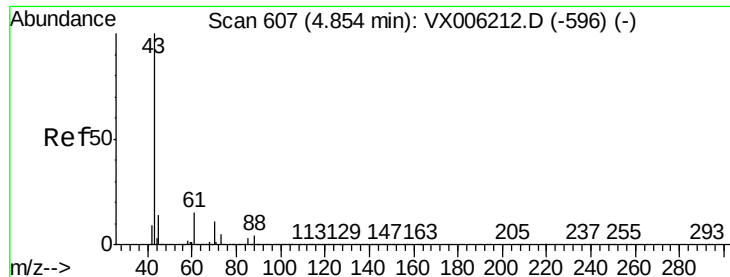
Delta R.T. 0.00 min

Lab File: VX006409.D

Acq: 11 Dec 2018 09:31

Tgt Ion:	75	Resp:	339508
Ion Ratio	Lower	Upper	
75	100		
110	40.8	20.4	61.3
77	30.7	24.9	37.3





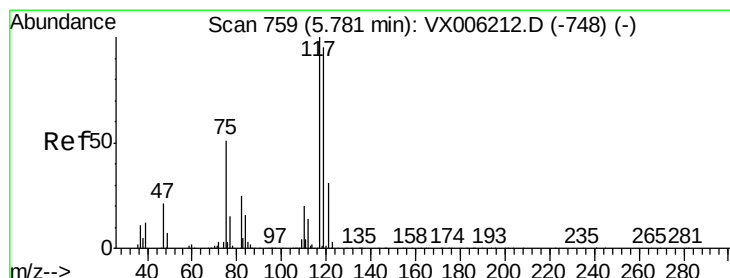
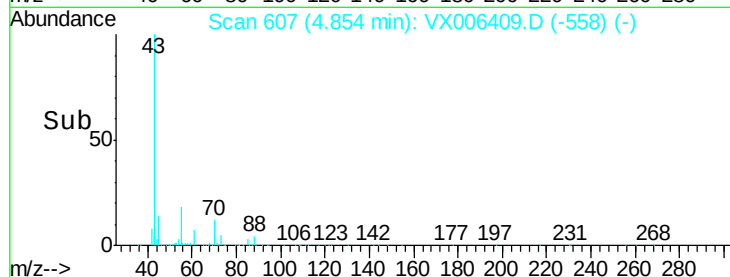
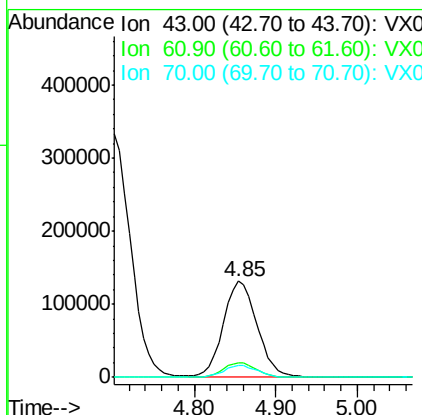
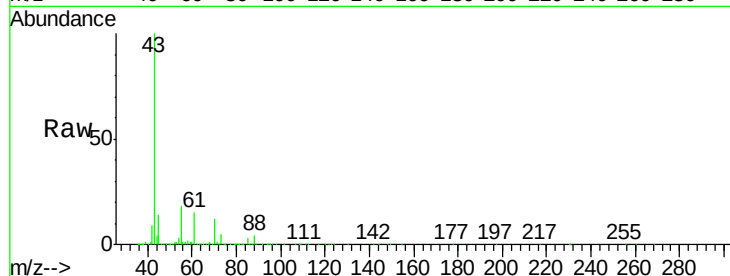
#37
Ethyl Acetate
Concen: 46.585 ug/l
RT: 4.85 min Scan# 607
Delta R.T. 0.00 min
Lab File: VX006409.D
Acq: 11 Dec 2018 09:31

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.7	11.5	17.3
70	12.0	9.0	13.6

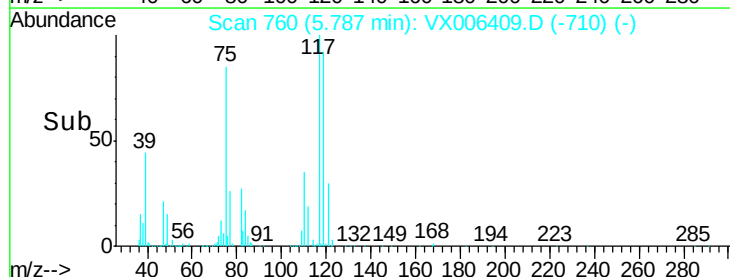
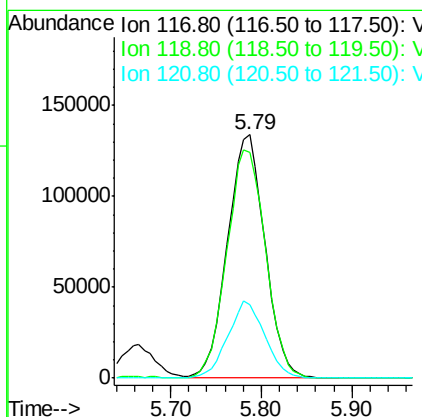
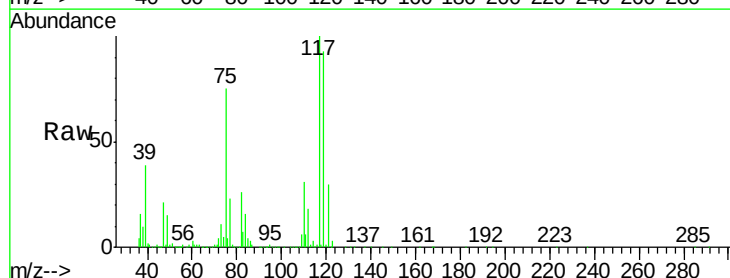
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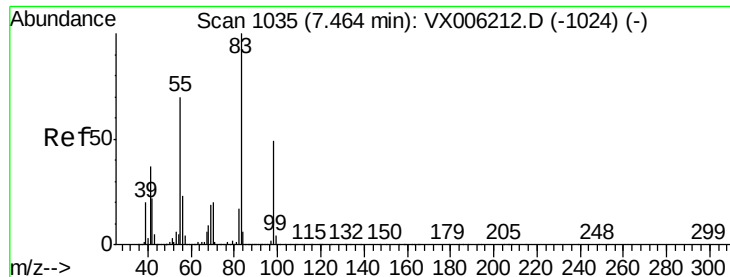
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#38
Carbon Tetrachloride
Concen: 44.960 ug/l
RT: 5.79 min Scan# 760
Delta R.T. 0.01 min
Lab File: VX006409.D
Acq: 11 Dec 2018 09:31

Tgt Ion	Ratio	Lower	Upper
117	100		
119	92.8	75.8	113.8
121	30.2	24.6	37.0





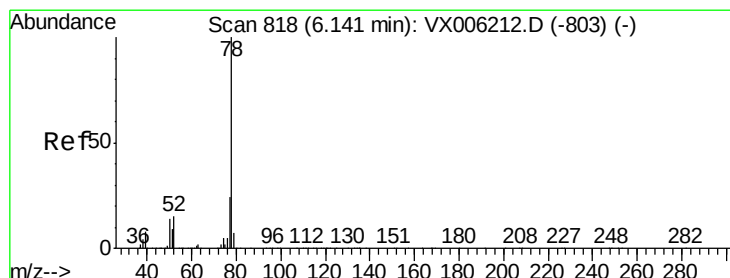
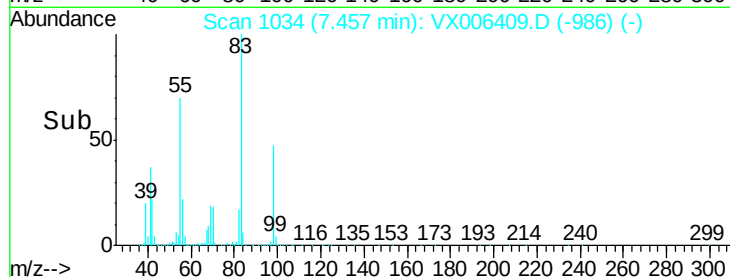
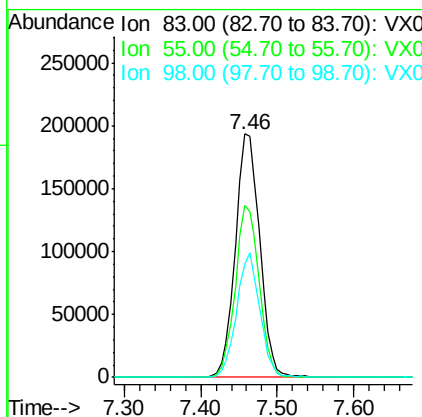
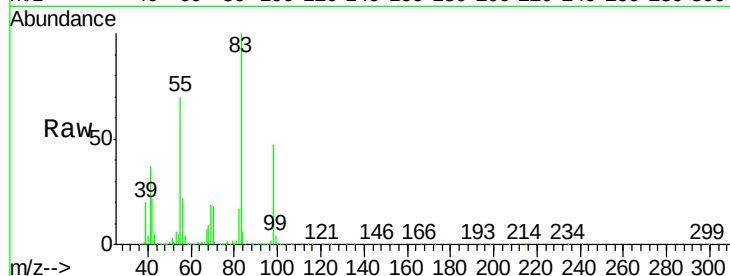
#39
Methvlcvclohexane
Concen: 45.602 ug/l
RT: 7.46 min Scan# 1034
Delta R.T. -0.01 min
Lab File: VX006409.D
Acq: 11 Dec 2018 09:31

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
83	100		
55	70.4	56.4	84.6
98	46.6	39.0	58.6

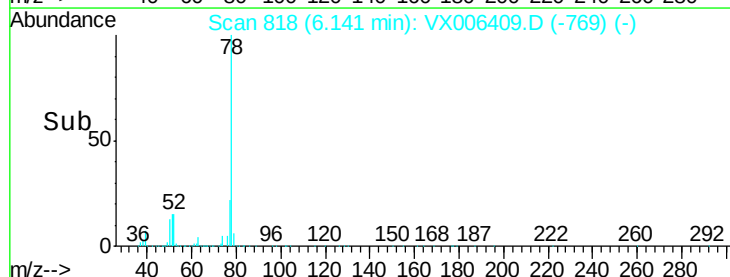
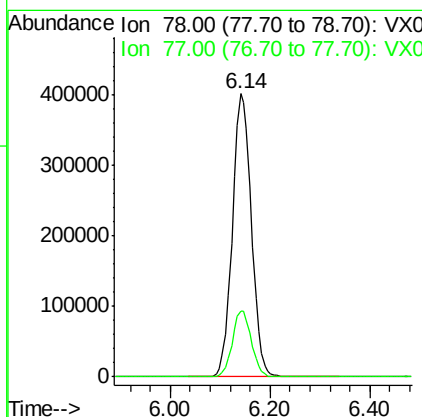
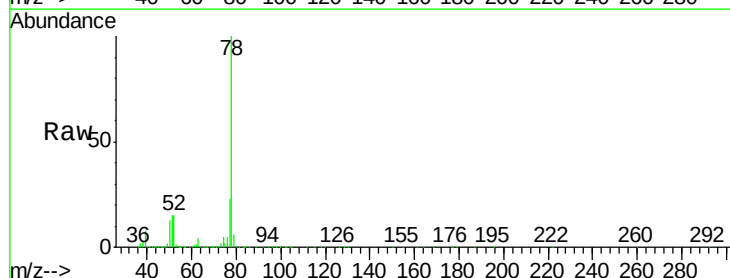
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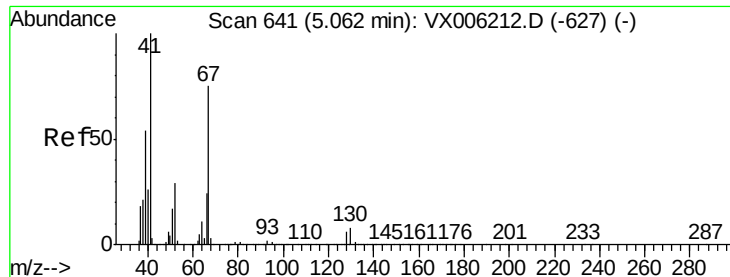
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#40
Benzene
Concen: 48.917 ug/l
RT: 6.14 min Scan# 818
Delta R.T. 0.00 min
Lab File: VX006409.D
Acq: 11 Dec 2018 09:31

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.1	19.2	28.8





#41

Methacrylonitrile

Concen: 46.297 ug/l

RT: 5.06 min Scan# 641

Delta R.T. 0.00 min

Lab File: VX006409.D

Acq: 11 Dec 2018 09:31

Instrument :

MSVOA_X

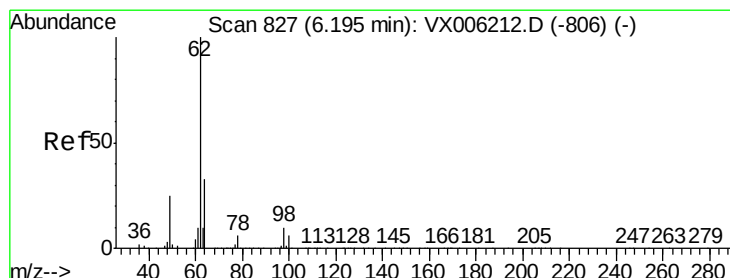
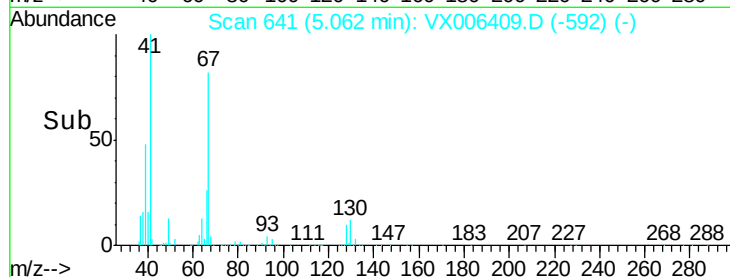
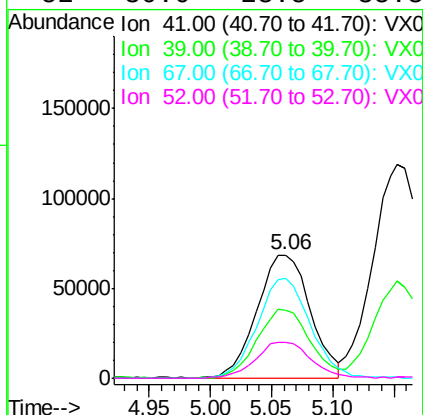
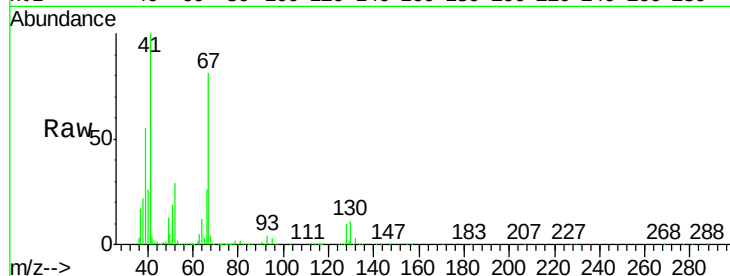
ClientSampleId :

VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
41	100		
39	56.5	44.0	66.0
67	81.5	61.4	92.0
52	30.0	23.5	35.3

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#42

1,2-Dichloroethane

Concen: 51.024 ug/l

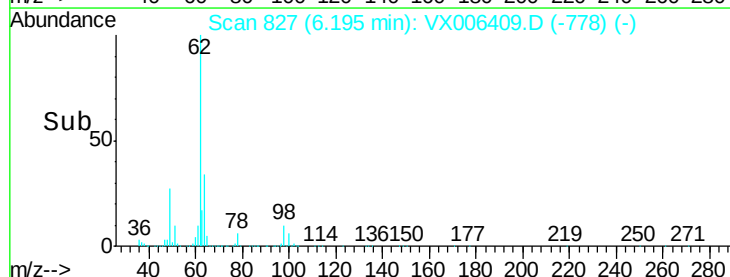
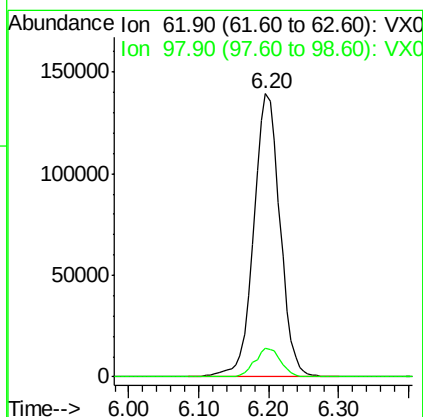
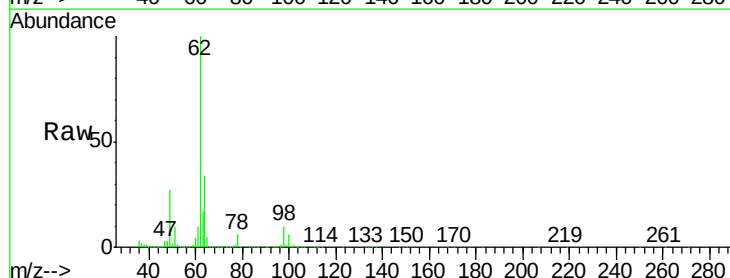
RT: 6.20 min Scan# 827

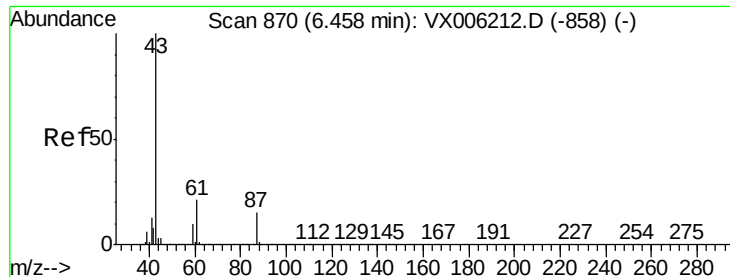
Delta R.T. 0.00 min

Lab File: VX006409.D

Acq: 11 Dec 2018 09:31

Tgt Ion	Ratio	Lower	Upper
62	100		
98	10.1	0.0	20.2





#43

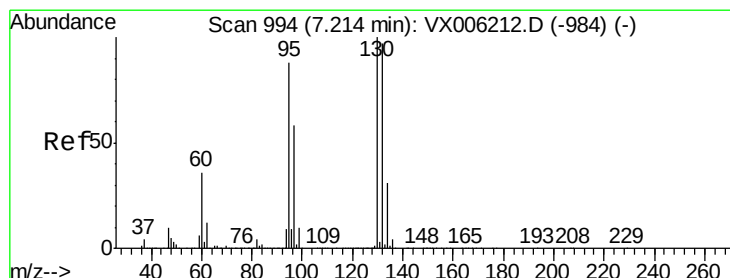
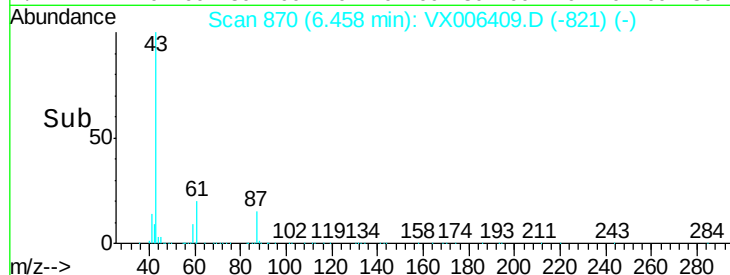
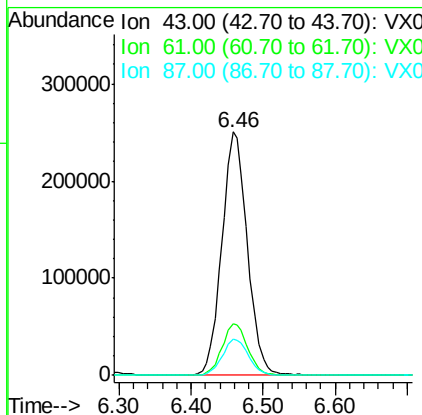
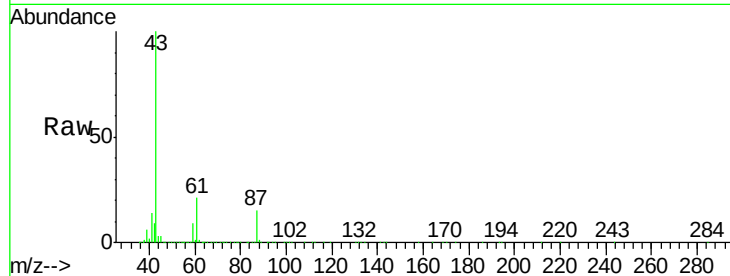
Isopropyl Acetate
 Concen: 45.370 ug/l
 RT: 6.46 min Scan# 870
 Delta R.T. 0.00 min
 Lab File: VX006409.D
 Acq: 11 Dec 2018 09:31

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	21.1	16.8	25.2
87	15.3	11.9	17.9

Manual Integrations
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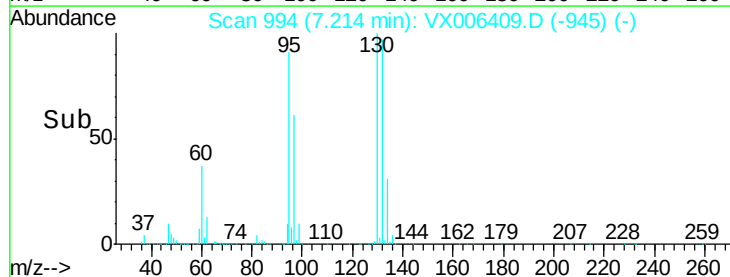
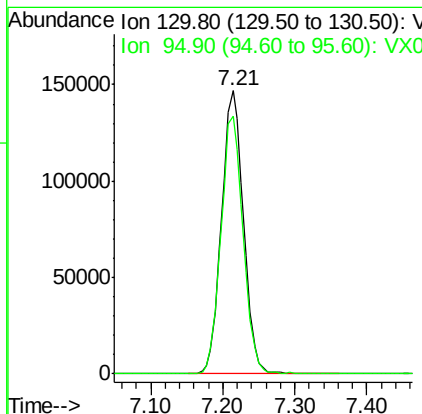
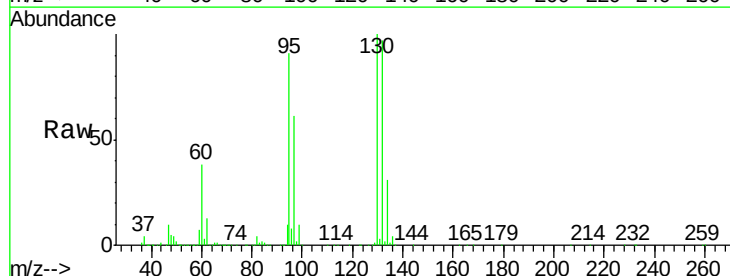
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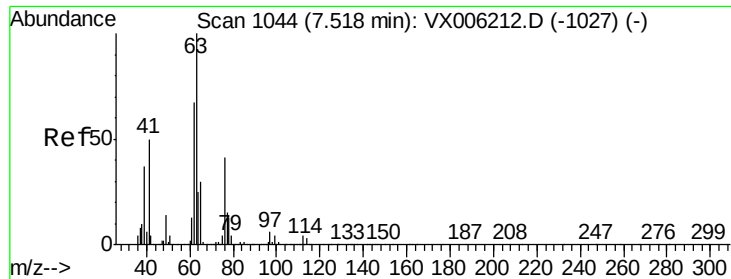


#44

Trichloroethene
 Concen: 47.551 ug/l
 RT: 7.21 min Scan# 994
 Delta R.T. 0.00 min
 Lab File: VX006409.D
 Acq: 11 Dec 2018 09:31

Tgt Ion	Ratio	Lower	Upper
130	100		
95	91.0	0.0	175.8





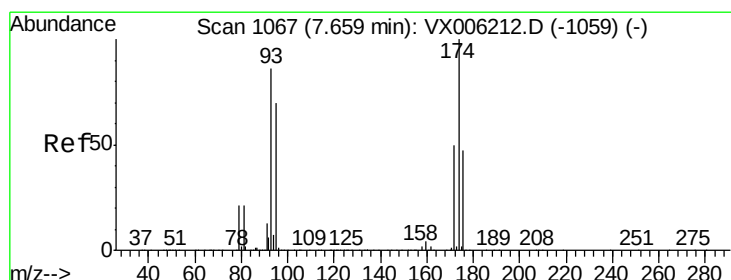
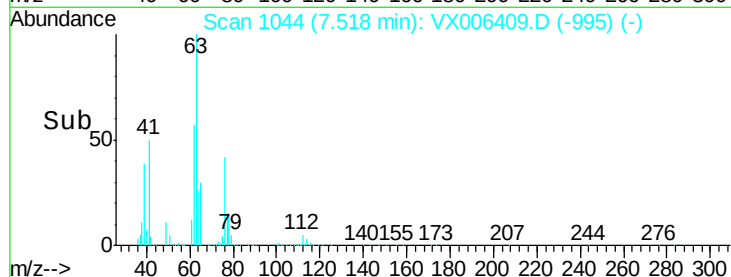
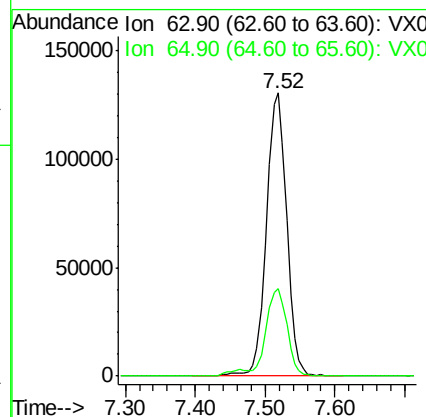
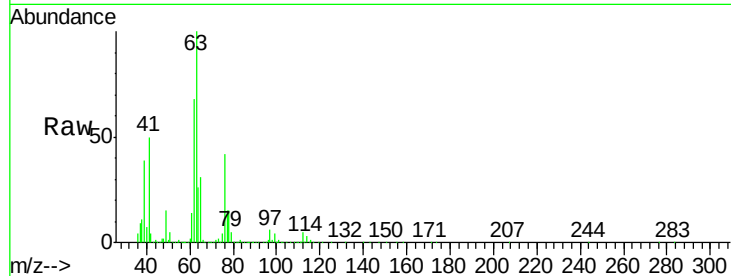
#45
 1,2-Dichloropropane
 Concen: 47.733 ug/l
 RT: 7.52 min Scan# 1044
 Delta R.T. 0.00 min
 Lab File: VX006409.D
 Acq: 11 Dec 2018 09:31

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
63	100	263315		
65	31.0		24.3	36.5

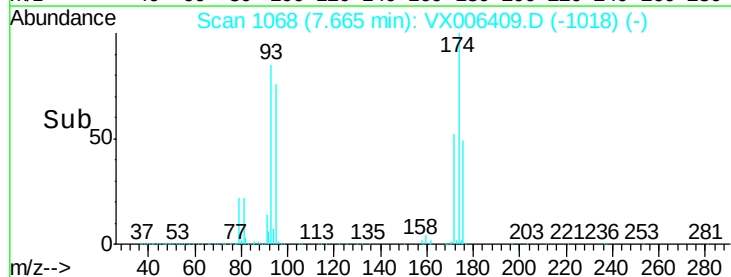
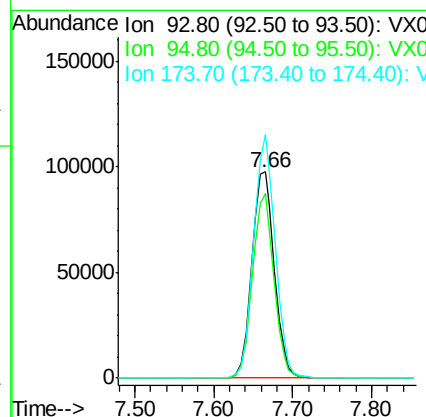
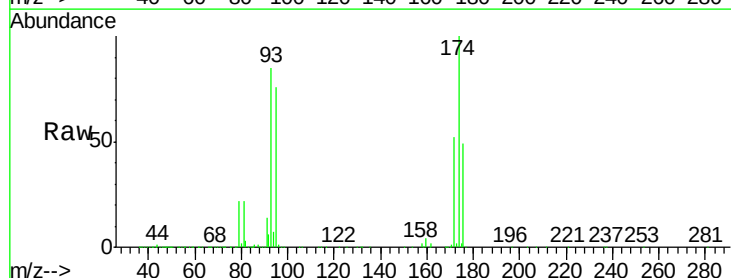
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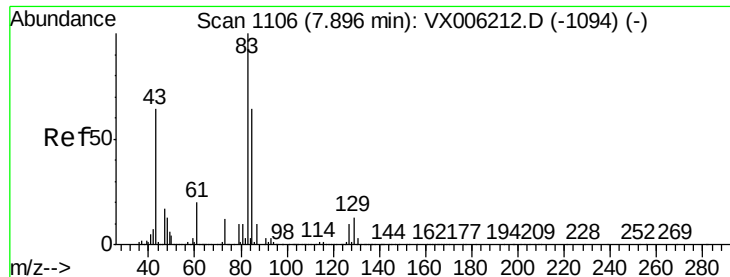
MMDadoda
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#46
 Dibromomethane
 Concen: 48.530 ug/l
 RT: 7.66 min Scan# 1068
 Delta R.T. 0.01 min
 Lab File: VX006409.D
 Acq: 11 Dec 2018 09:31

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	193346		
95	85.4		66.2	99.4
174	113.5		97.2	145.8





#47

Bromodichloromethane

Concen: 47.184 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. 0.00 min

Lab File: VX006409.D

Acq: 11 Dec 2018 09:31

Instrument :

MSVOA_X

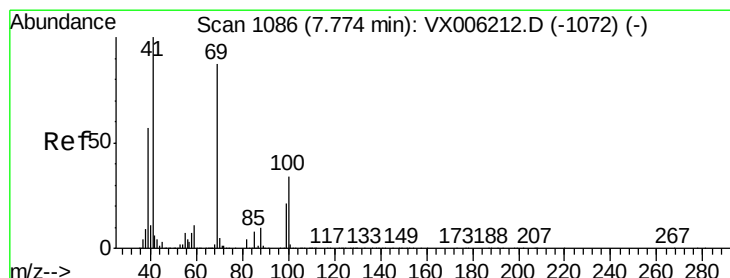
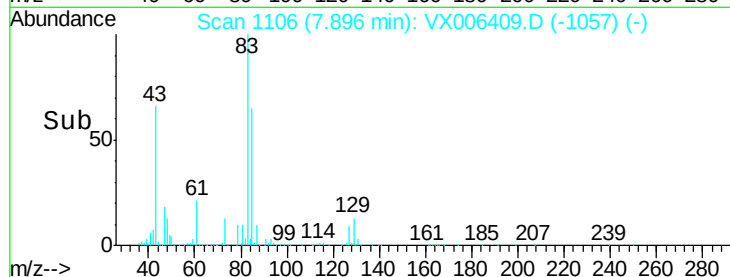
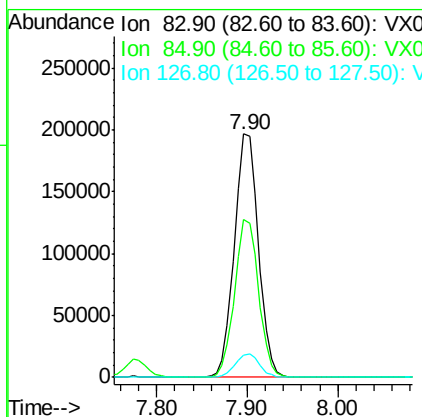
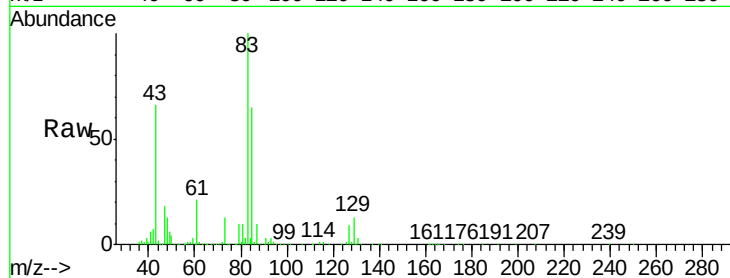
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	364038
Ion	Ratio	Lower	Upper
83	100		
85	65.0	51.4	77.0
127	9.2	7.9	11.9

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#48

Methyl methacrylate

Concen: 46.374 ug/l

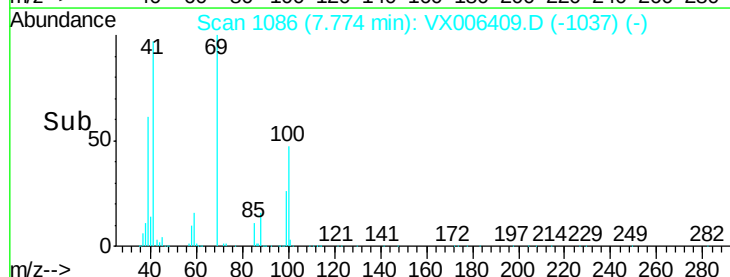
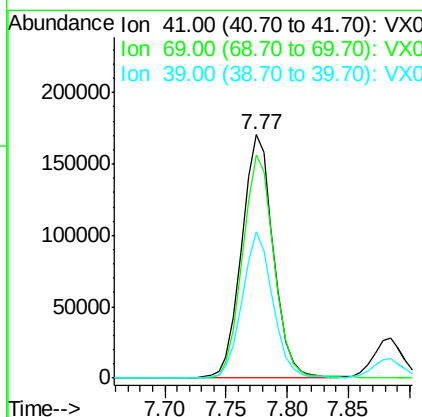
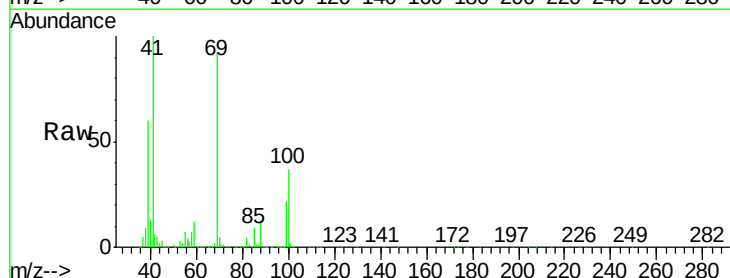
RT: 7.77 min Scan# 1086

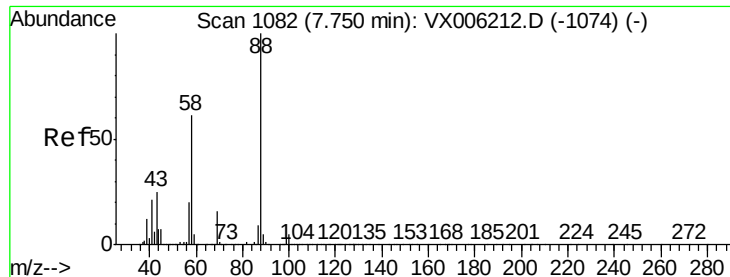
Delta R.T. 0.00 min

Lab File: VX006409.D

Acq: 11 Dec 2018 09:31

Tgt Ion:	41	Resp:	305267
Ion	Ratio	Lower	Upper
41	100		
69	92.0	70.3	105.5
39	57.8	45.3	67.9





#49

1,4-Dioxane

Concen: 978.241 ug/l

RT: 7.75 min Scan# 1082

Delta R.T. 0.00 min

Lab File: VX006409.D

Acq: 11 Dec 2018 09:31

Instrument :

MSVOA_X

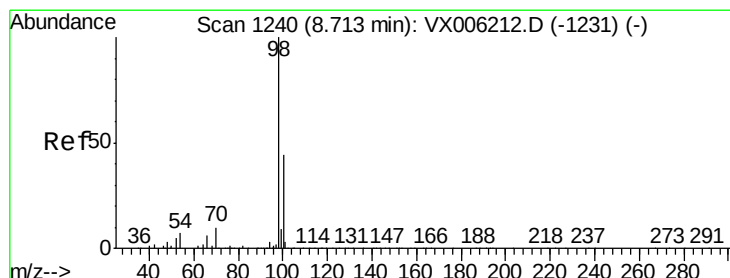
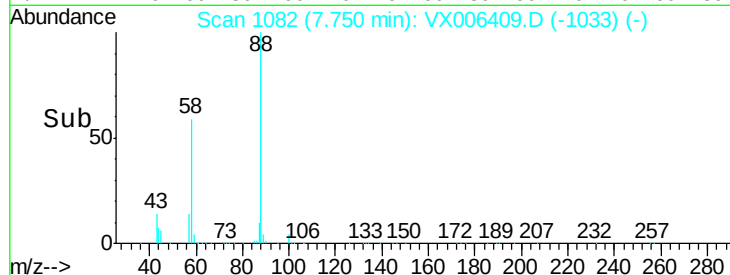
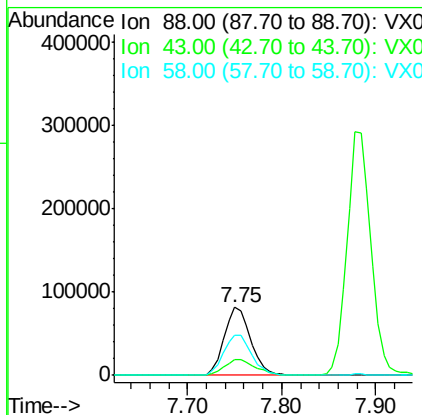
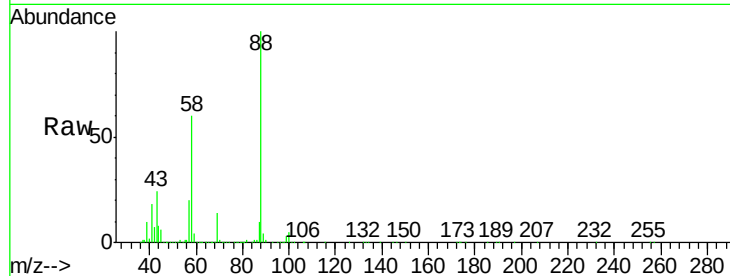
ClientSampleId :

VSTDCCC050EC

Tot Ion:	88	Resp:	158711
Ion Ratio	Lower	Upper	
88	100		
43	26.9	23.2	34.8
58	63.1	51.4	77.0

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#50

Toluene-d8

Concen: 49.049 ug/l

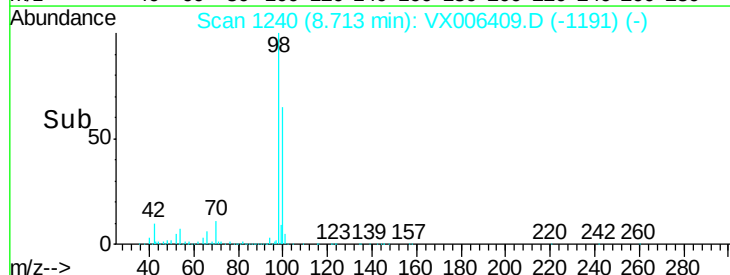
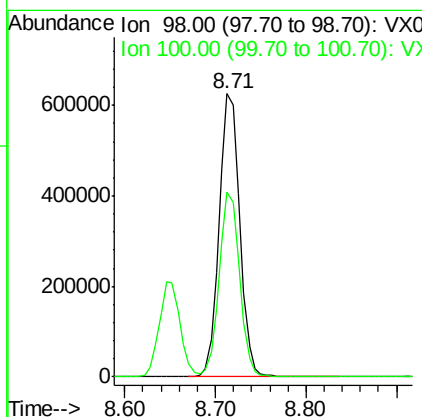
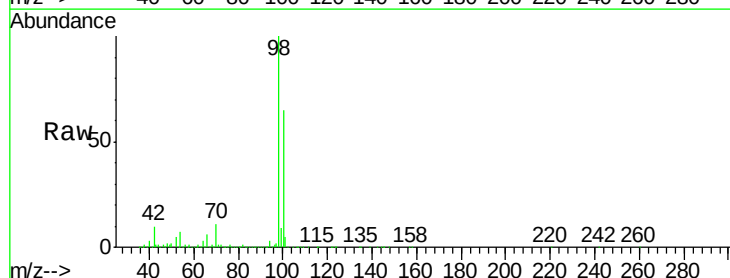
RT: 8.71 min Scan# 1240

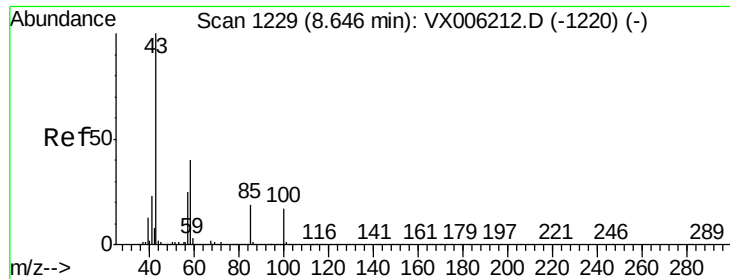
Delta R.T. 0.00 min

Lab File: VX006409.D

Acq: 11 Dec 2018 09:31

Tgt Ion:	98	Resp:	994092
Ion Ratio	Lower	Upper	
98	100		
100	65.0	52.2	78.2





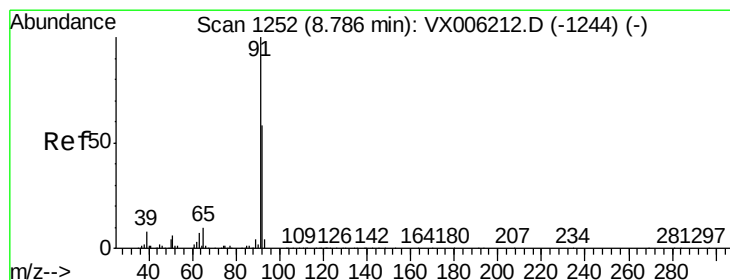
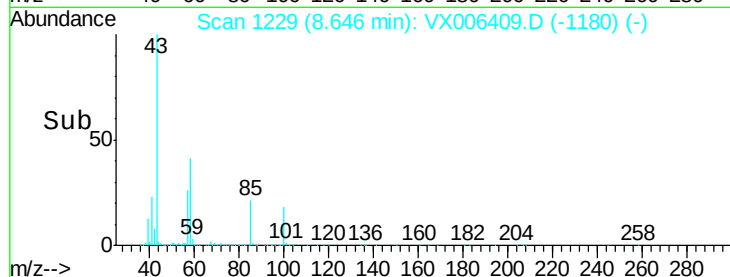
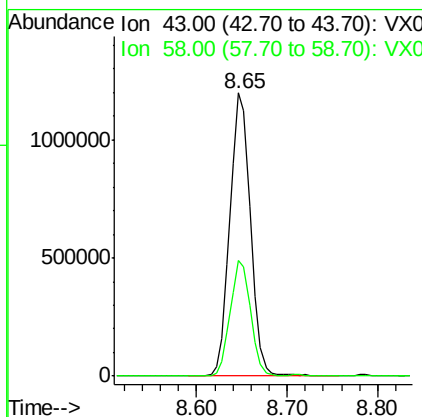
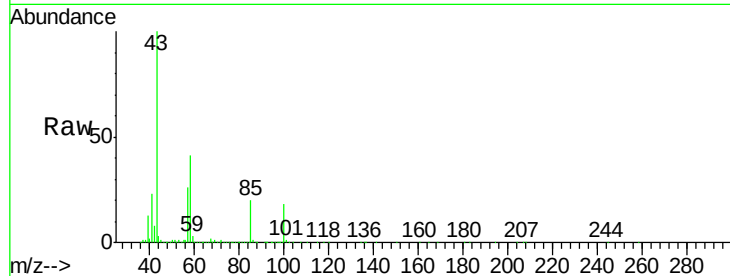
#51
4-Methyl-2-Pentanone
Concen: 239.825 ug/l
RT: 8.65 min Scan# 1229
Delta R.T. 0.00 min
Lab File: VX006409.D
Acq: 11 Dec 2018 09:31

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 1889113
Ion Ratio Lower Upper
43 100
58 40.3 31.3 46.9

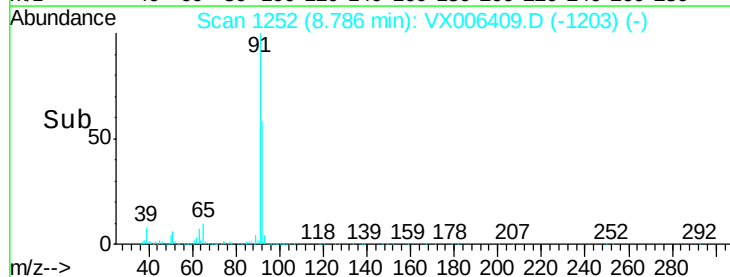
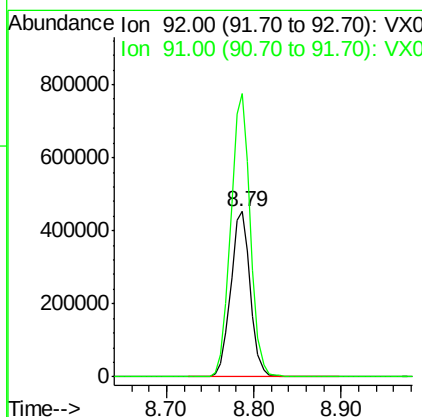
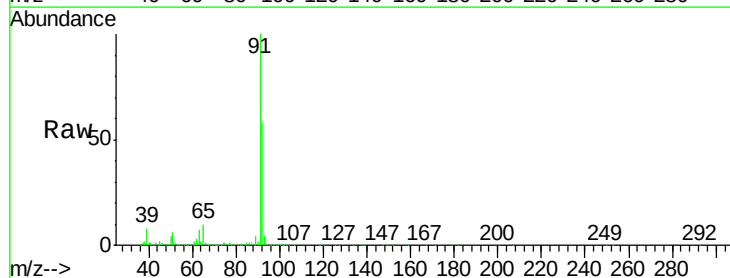
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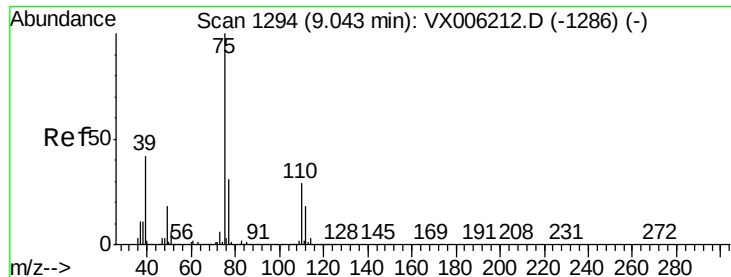
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#52
Toluene
Concen: 49.275 ug/l
RT: 8.79 min Scan# 1252
Delta R.T. 0.00 min
Lab File: VX006409.D
Acq: 11 Dec 2018 09:31

Tgt Ion: 92 Resp: 703641
Ion Ratio Lower Upper
92 100
91 171.7 139.2 208.8





#53

t-1,3-Dichloropropene

Concen: 41.933 ug/l

RT: 9.04 min Scan# 1294

Delta R.T. 0.00 min

Lab File: VX006409.D

Acq: 11 Dec 2018 09:31

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 75 Resp: 378368

Ion Ratio Lower Upper

75 100

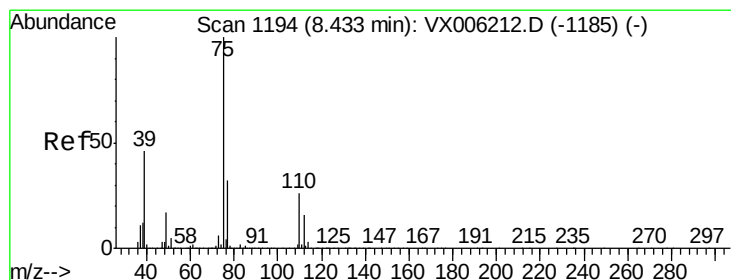
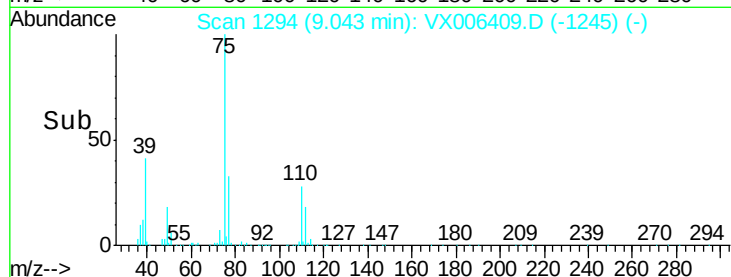
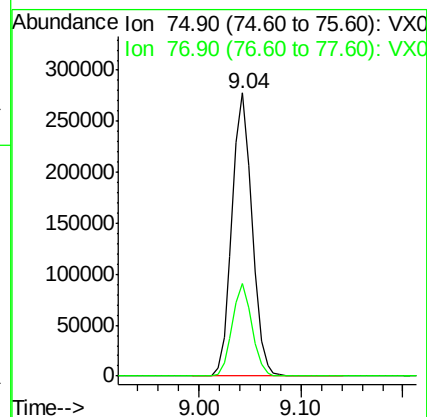
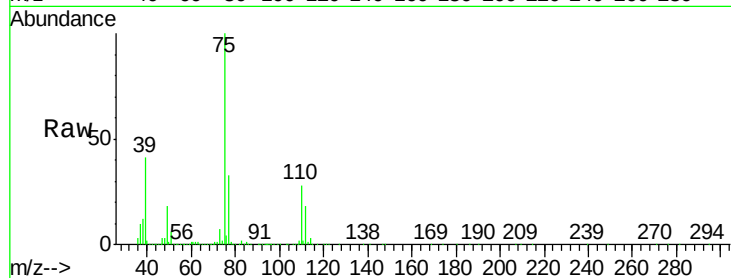
77 32.8 25.0 37.4

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#54

cis-1,3-Dichloropropene

Concen: 43.352 ug/l

RT: 8.44 min Scan# 1195

Delta R.T. 0.01 min

Lab File: VX006409.D

Acq: 11 Dec 2018 09:31

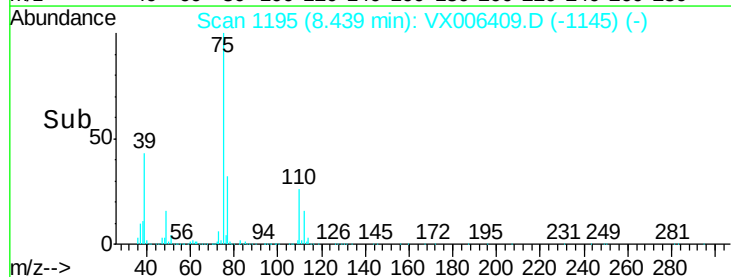
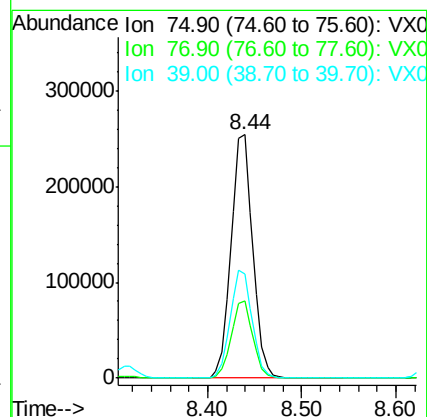
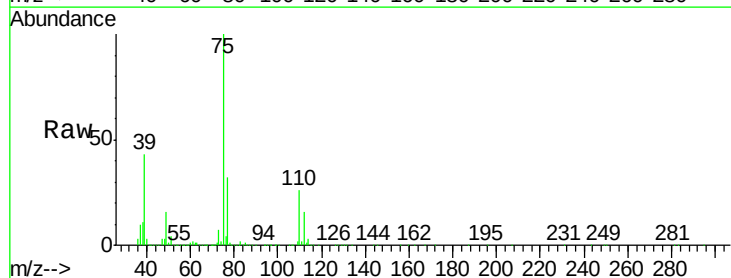
Tgt Ion: 75 Resp: 406182

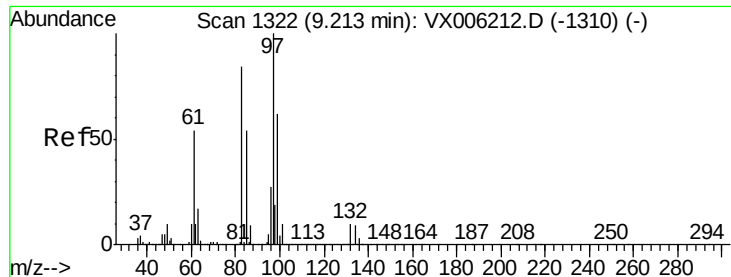
Ion Ratio Lower Upper

75 100

77 31.6 25.6 38.4

39 42.8 36.5 54.7





#55

1,1,2-Trichloroethane

Concen: 51.306 ug/l

RT: 9.21 min Scan# 1322

Delta R.T. 0.00 min

Lab File: VX006409.D

Acq: 11 Dec 2018 09:31

Instrument :

MSVOA_X

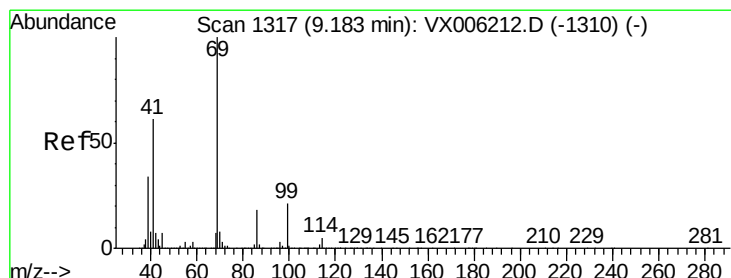
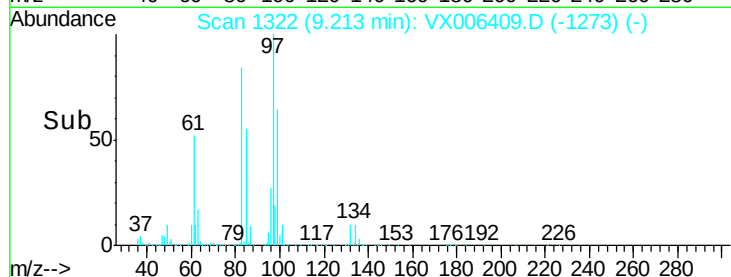
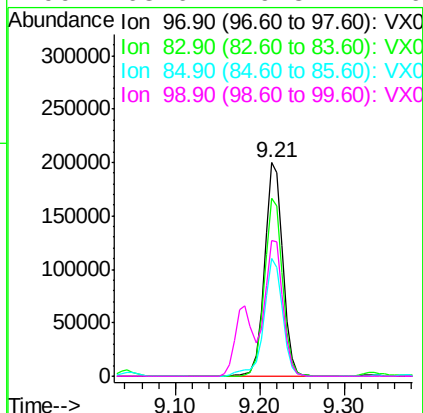
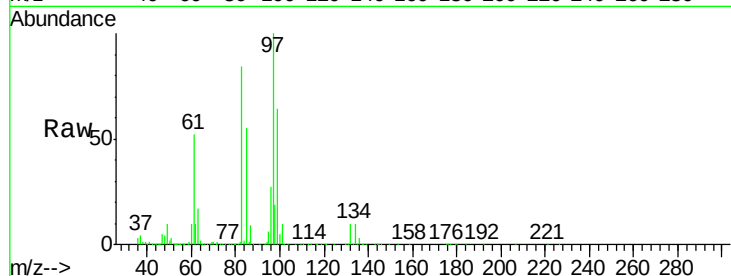
ClientSampleId :

VSTDCCC050EC

Tot Ion:	97	Resp:	297641
Ion	Ratio	Lower	Upper
97	100		
83	83.6	67.1	100.7
85	55.2	43.2	64.8
99	63.6	49.8	74.6

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#56

Ethyl methacrylate

Concen: 49.144 ug/l

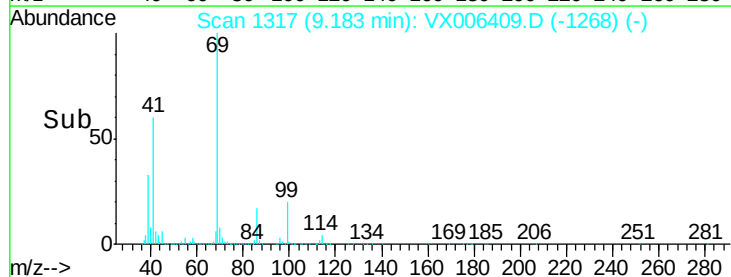
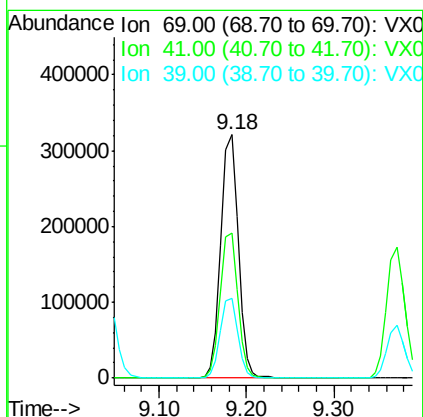
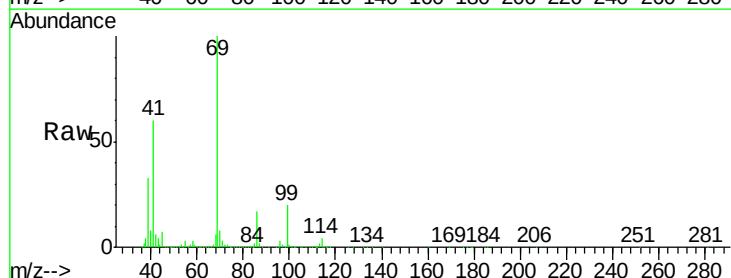
RT: 9.18 min Scan# 1317

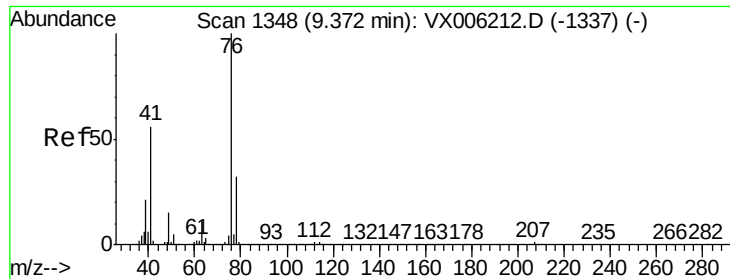
Delta R.T. 0.00 min

Lab File: VX006409.D

Acq: 11 Dec 2018 09:31

Tgt Ion:	69	Resp:	445700
Ion	Ratio	Lower	Upper
69	100		
41	60.1	50.6	76.0
39	32.7	27.6	41.4





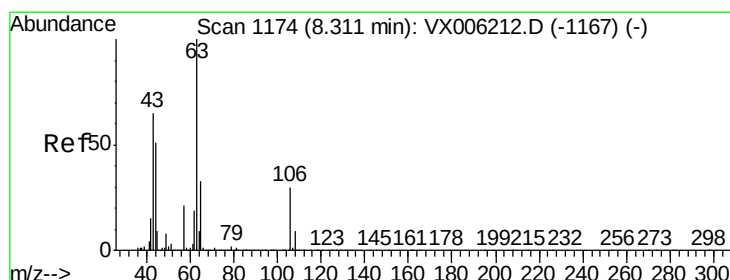
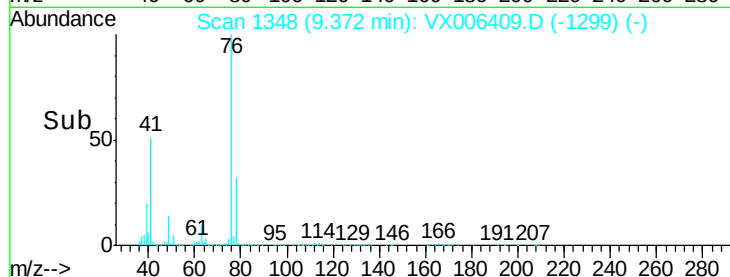
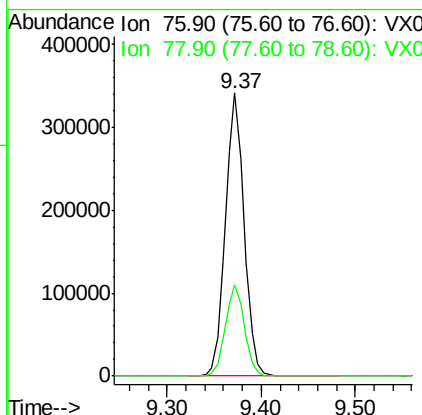
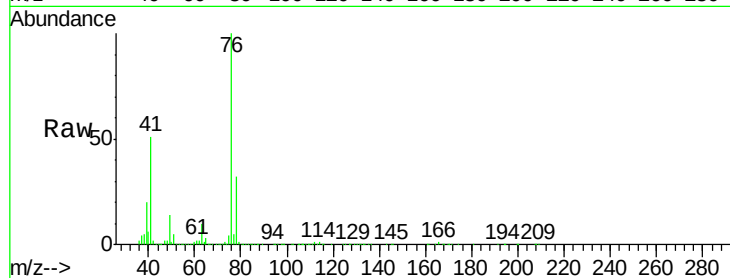
#57
 1,3-Dichloropropane
 Concen: 51.039 ug/l
 RT: 9.37 min Scan# 1348
 Delta R.T. 0.00 min
 Lab File: VX006409.D
 Acq: 11 Dec 2018 09:31

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.7	26.1	39.1

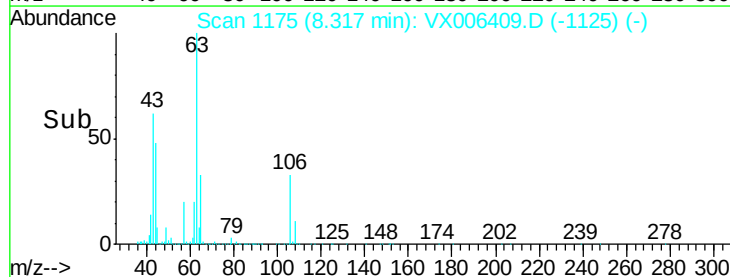
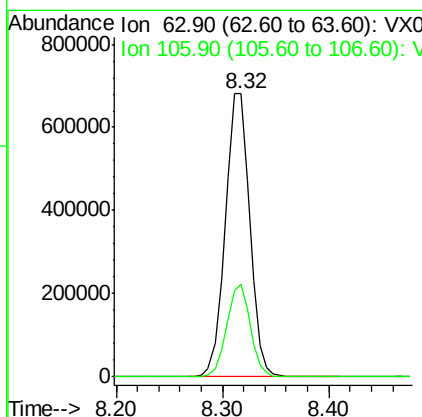
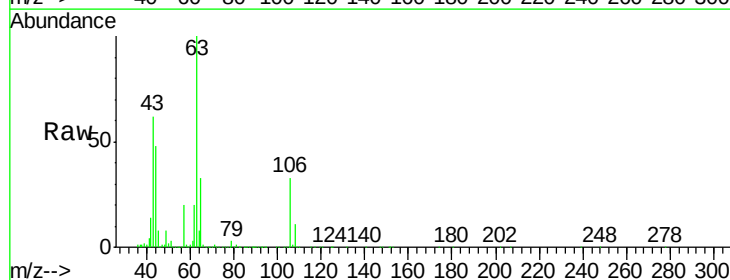
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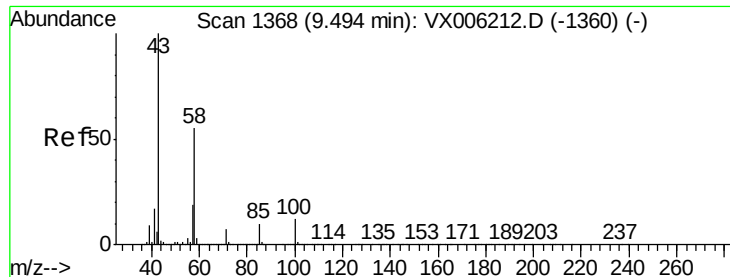
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#58
 2-Chloroethyl Vinyl ether
 Concen: 238.290 ug/l
 RT: 8.32 min Scan# 1175
 Delta R.T. 0.01 min
 Lab File: VX006409.D
 Acq: 11 Dec 2018 09:31

Tgt Ion	Ratio	Lower	Upper
63	100		
106	31.7	24.9	37.3





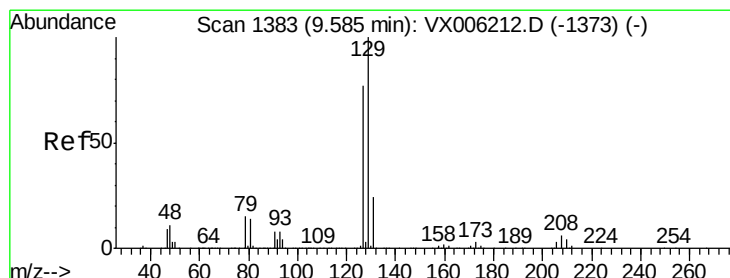
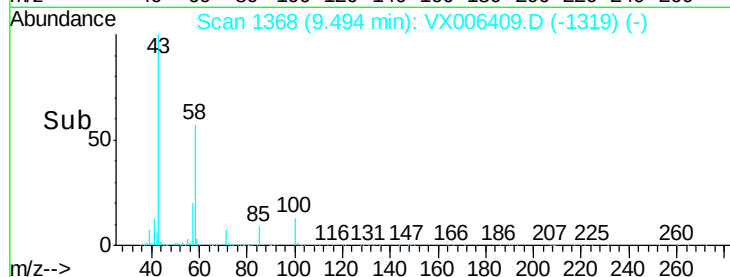
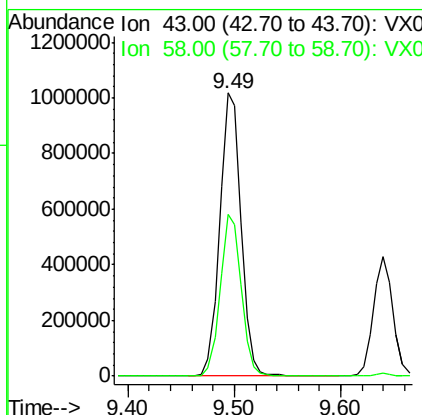
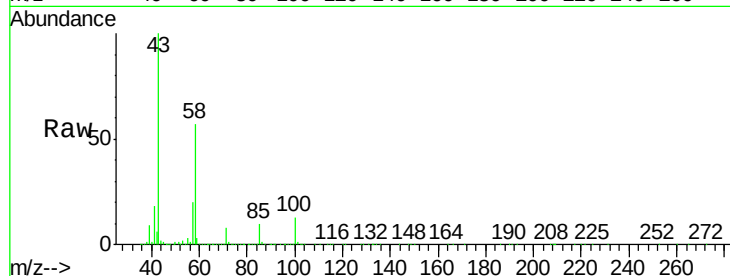
#59
2-Hexanone
Concen: 235.489 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. 0.00 min
Lab File: VX006409.D
Acq: 11 Dec 2018 09:31

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 1417197
Ion Ratio Lower Upper
43 100
58 56.4 27.7 83.1

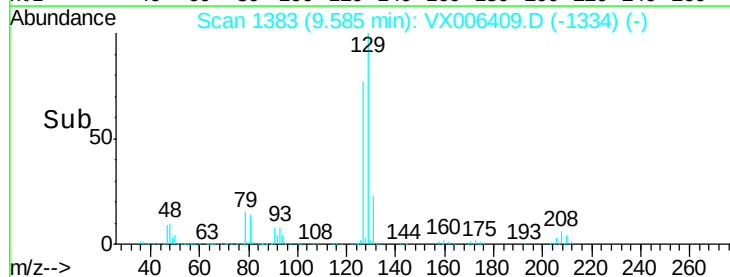
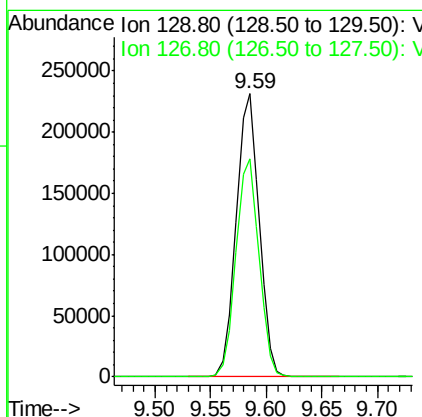
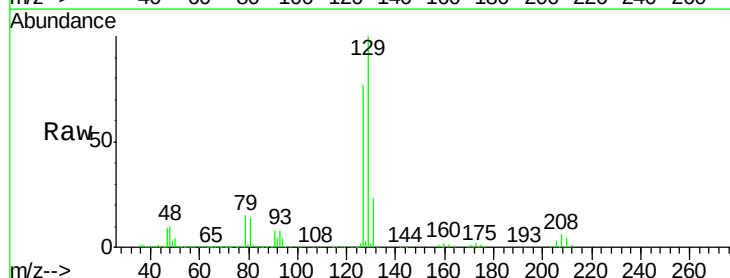
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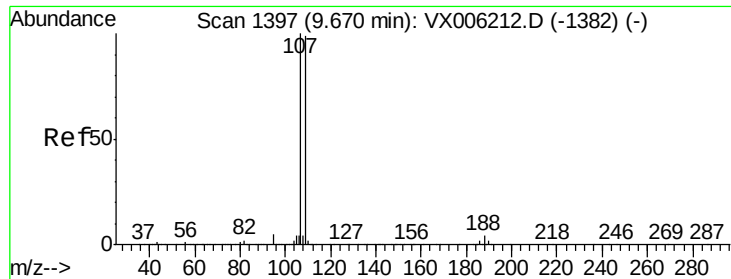
MMDadoda
12/11/2018 10:54:03 AM



#60
Dibromochloromethane
Concen: 46.181 ug/l
RT: 9.59 min Scan# 1383
Delta R.T. 0.00 min
Lab File: VX006409.D
Acq: 11 Dec 2018 09:31

Tgt Ion: 129 Resp: 330355
Ion Ratio Lower Upper
129 100
127 77.5 38.6 115.8





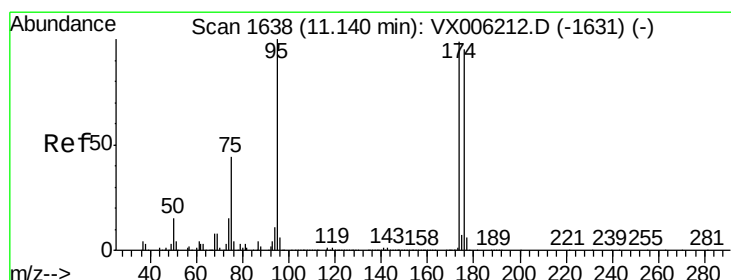
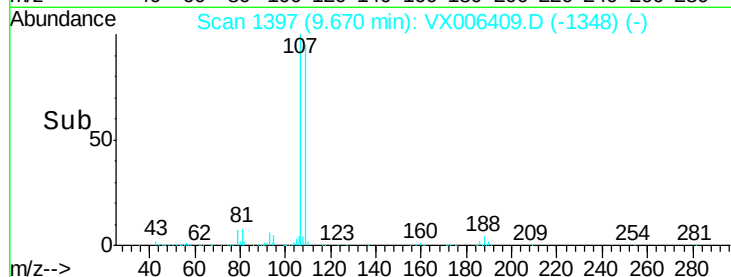
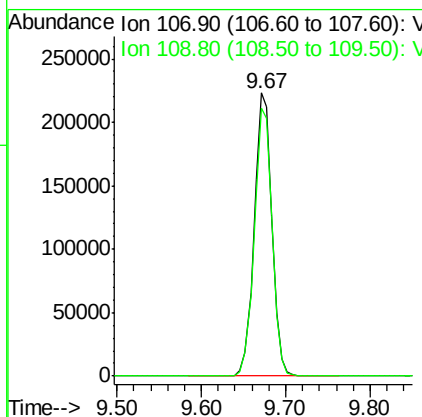
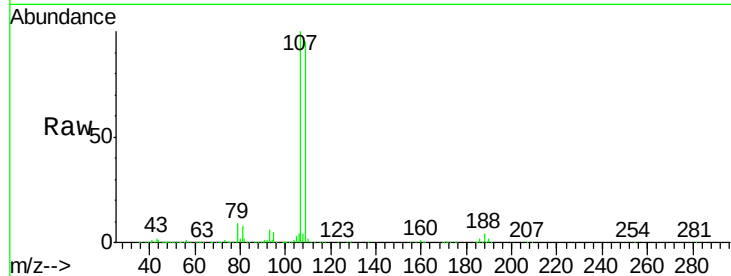
#61
 1,2-Dibromoethane
 Concen: 49.415 ug/l
 RT: 9.67 min Scan# 1397
 Delta R.T. 0.00 min
 Lab File: VX006409.D
 Acq: 11 Dec 2018 09:31

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 107 Resp: 320543
 Ion Ratio Lower Upper
 107 100
 109 95.9 76.3 114.5

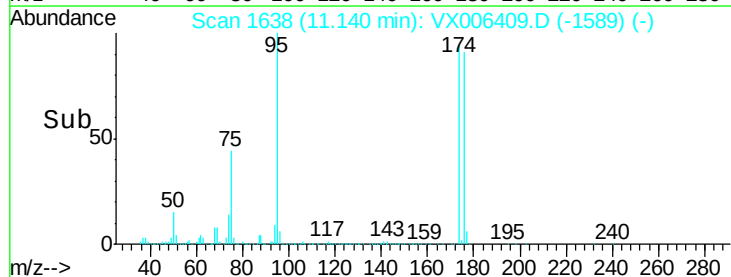
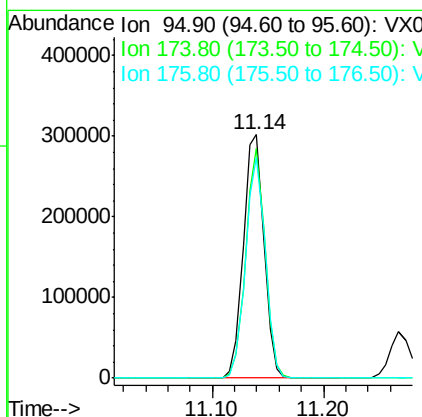
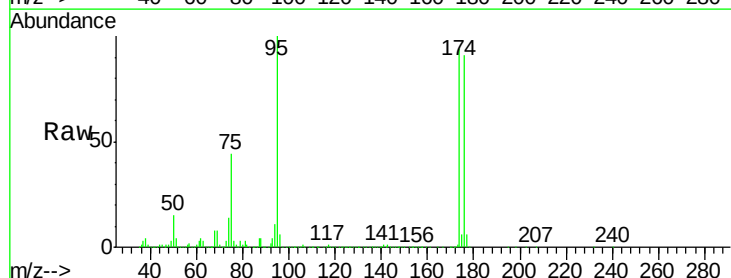
Manual Integrations
 APPROVED

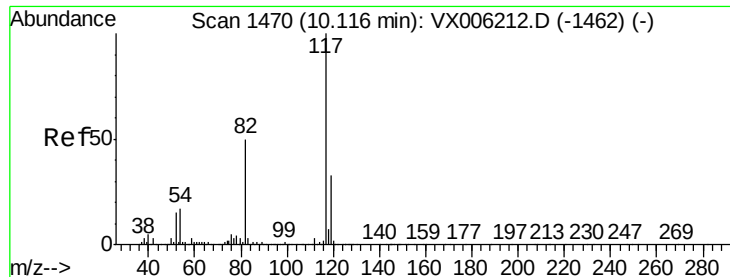
MMDadoda
 12/11/2018 10:54:03 AM



#62
 4-Bromofluorobenzene
 Concen: 50.656 ug/l
 RT: 11.14 min Scan# 1638
 Delta R.T. 0.00 min
 Lab File: VX006409.D
 Acq: 11 Dec 2018 09:31

Tgt Ion: 95 Resp: 386875
 Ion Ratio Lower Upper
 95 100
 174 88.7 0.0 187.0
 176 87.0 0.0 181.8





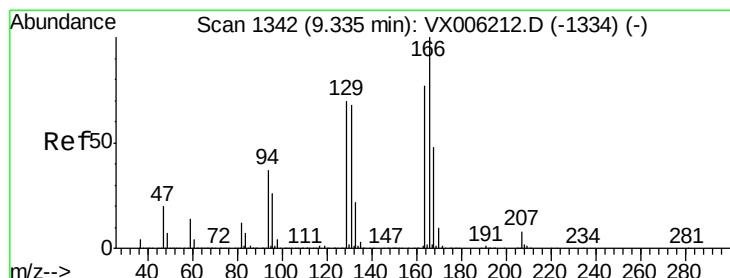
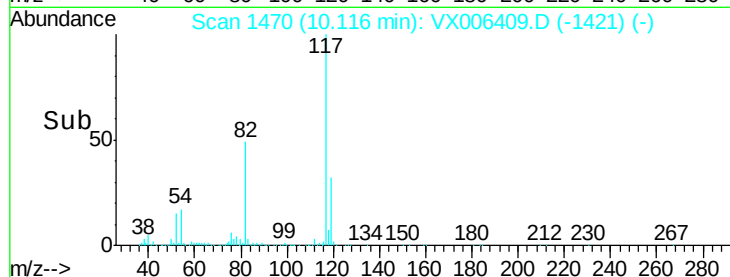
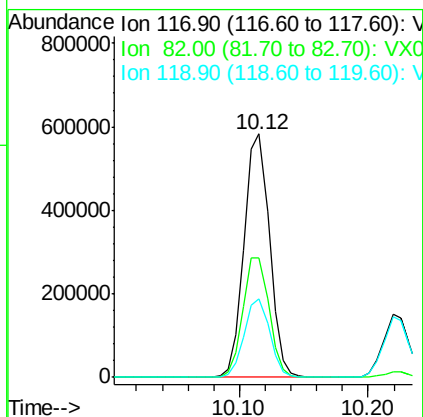
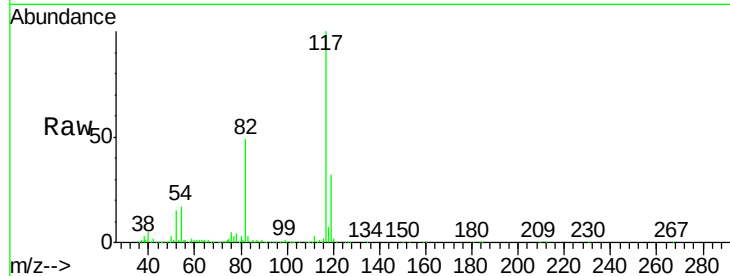
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VX006409.D
Acq: 11 Dec 2018 09:31

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
117	100	795406		
82	49.3		39.6	59.4
119	32.1		26.3	39.5

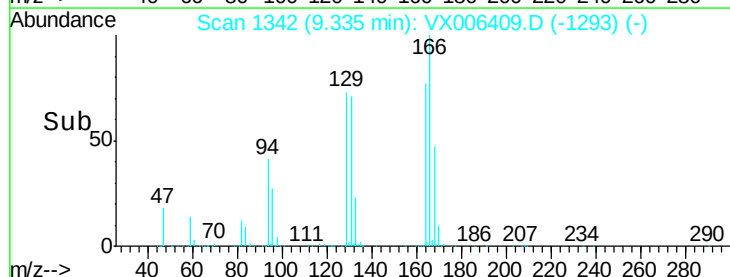
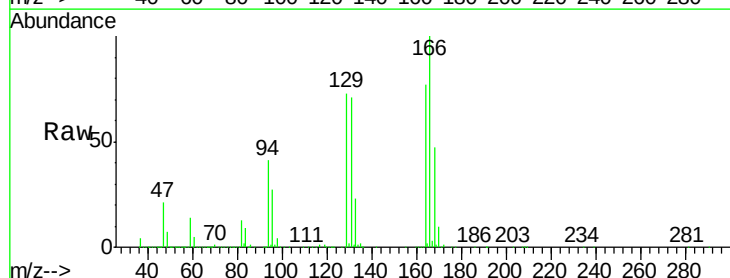
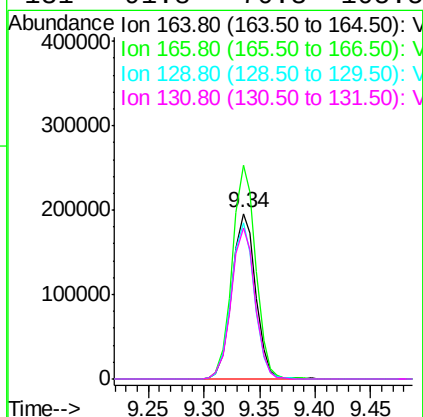
Manual Integrations
APPROVED

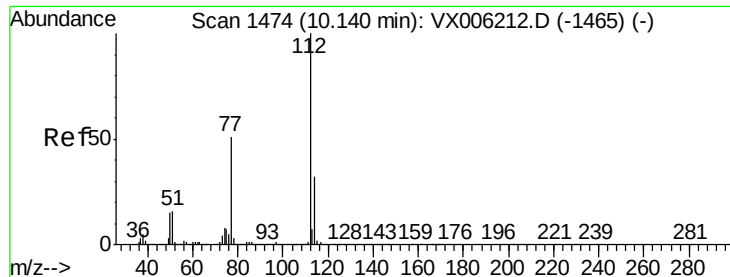
MMDadoda
12/11/2018 10:54:03 AM



#64
Tetrachloroethene
Concen: 48.104 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX006409.D
Acq: 11 Dec 2018 09:31

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	288151		
166	129.3		104.2	156.2
129	94.5		72.6	108.8
131	91.8		70.3	105.5





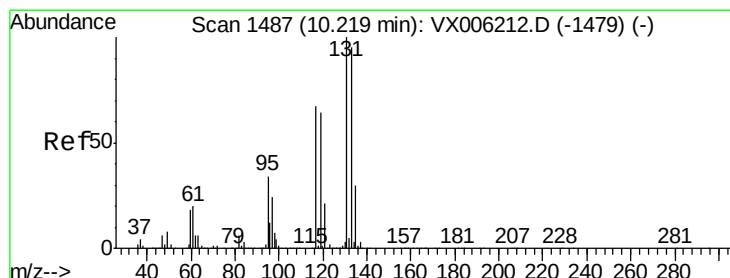
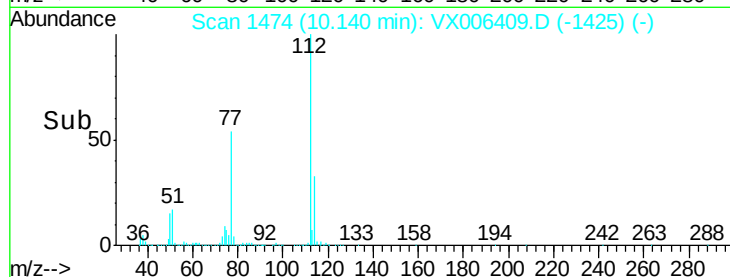
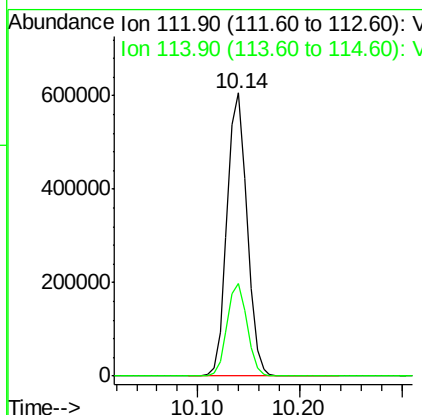
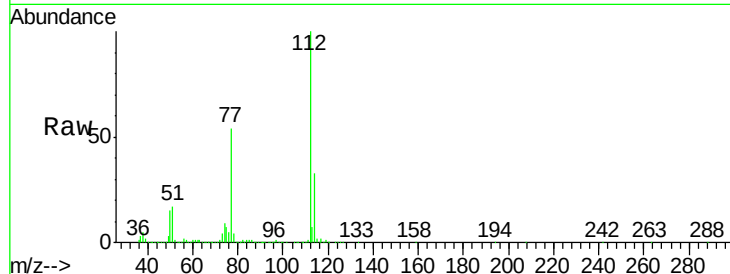
#65
Chlorobenzene
Concen: 48.774 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. 0.00 min
Lab File: VX006409.D
Acq: 11 Dec 2018 09:31

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
112	100		
114	32.8	25.4	38.2

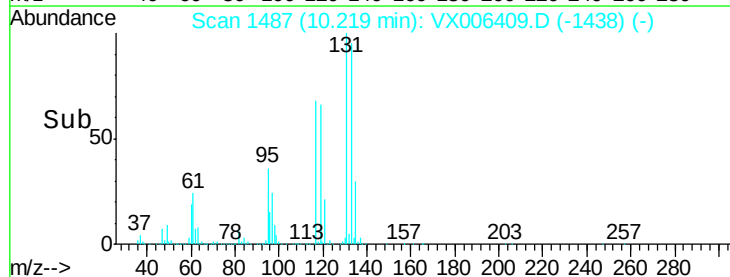
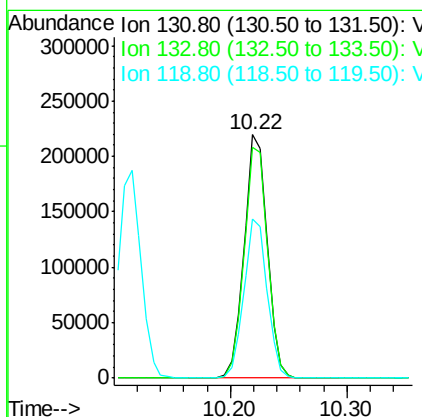
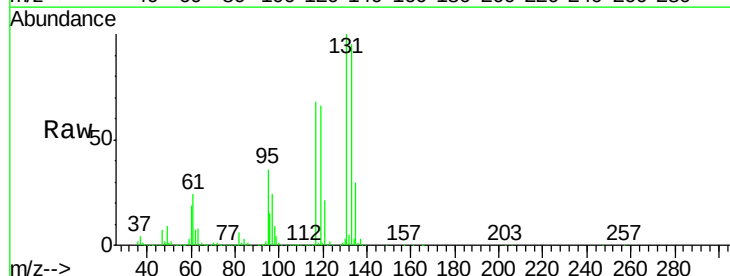
Manual Integrations
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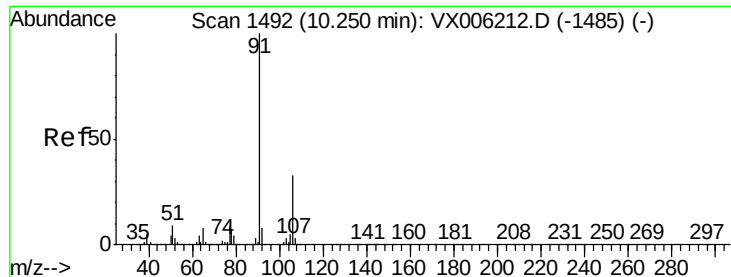
MMDadoda
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#66
1,1,1,2-Tetrachloroethane
Concen: 46.490 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VX006409.D
Acq: 11 Dec 2018 09:31

Tgt Ion	Ratio	Lower	Upper
131	100		
133	96.7	48.1	144.4
119	65.8	32.1	96.3





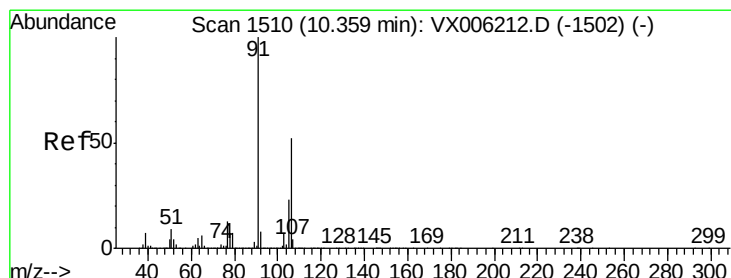
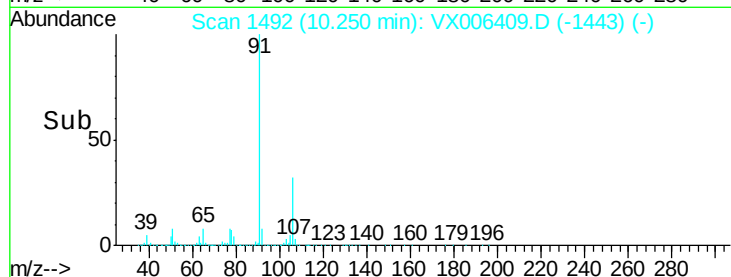
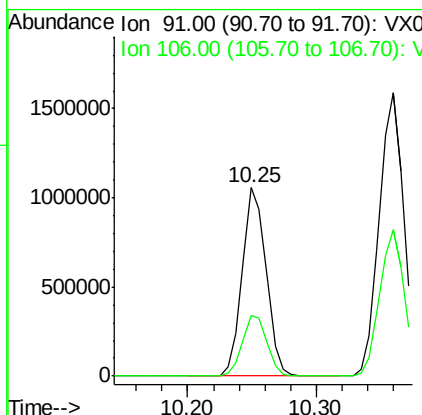
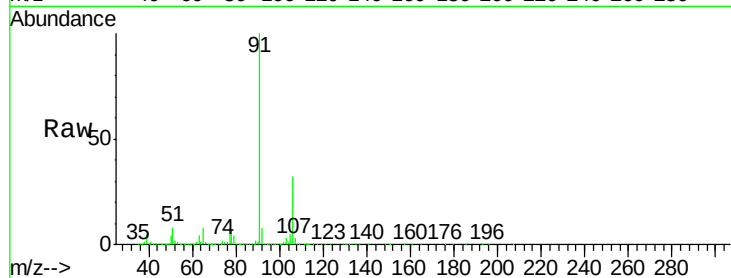
#67
Ethyl Benzene
Concen: 48.257 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VX006409.D
Acq: 11 Dec 2018 09:31

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 91 Resp: 1355188
Ion Ratio Lower Upper
91 100
106 32.4 26.5 39.7

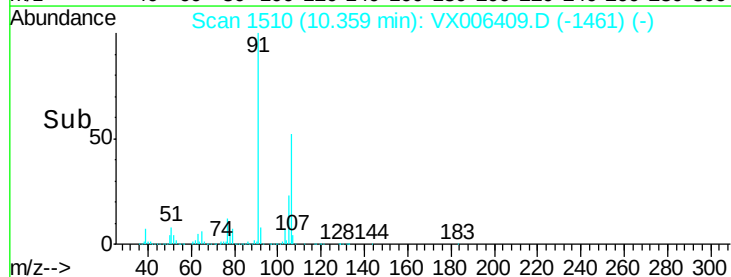
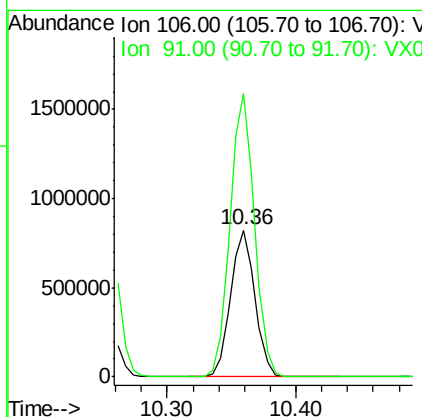
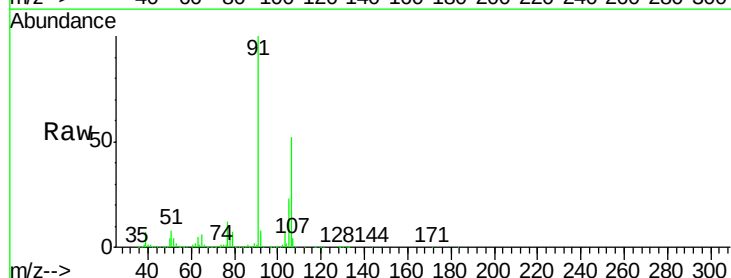
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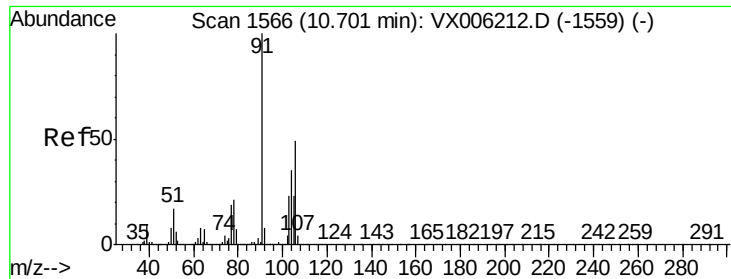
MMDadoda
12/11/2018 10:54:03 AM



#68
m/p-Xylenes
Concen: 96.491 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. 0.00 min
Lab File: VX006409.D
Acq: 11 Dec 2018 09:31

Tgt Ion: 106 Resp: 1085434
Ion Ratio Lower Upper
106 100
91 193.8 155.2 232.8





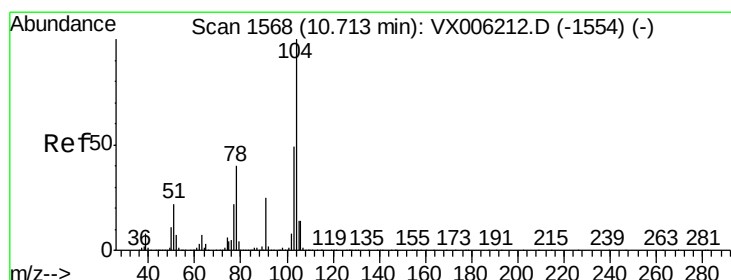
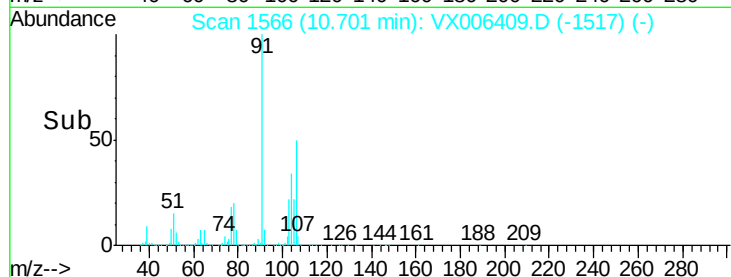
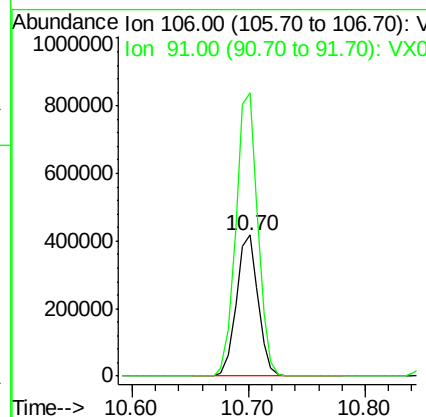
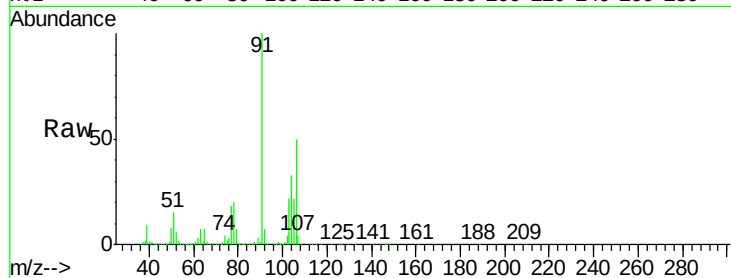
#69
o-Xylene
Concen: 48.519 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. 0.00 min
Lab File: VX006409.D
Acq: 11 Dec 2018 09:31

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
106	100		
91	203.7	101.8	305.6

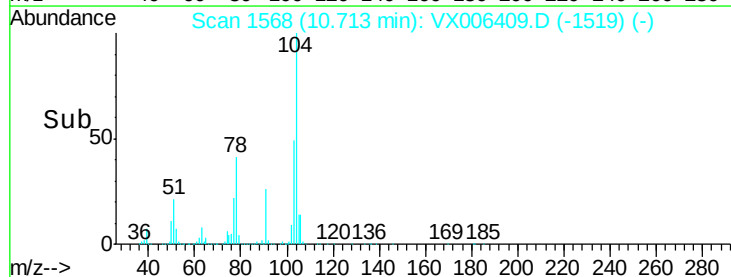
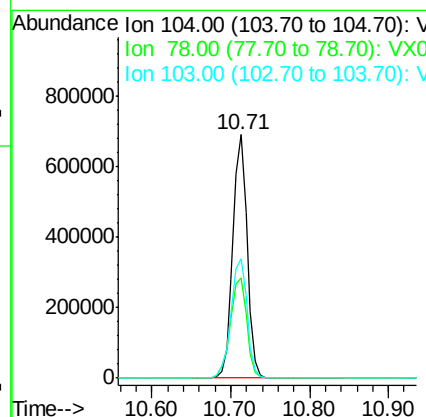
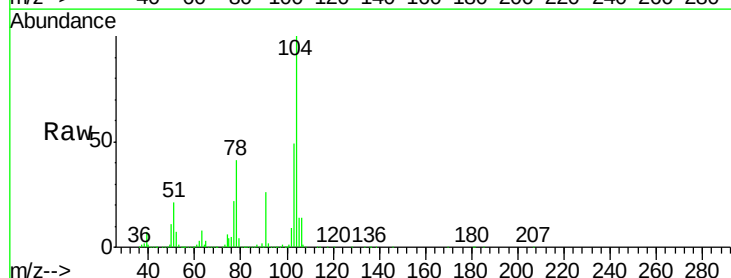
Manual Integrations
APPROVED

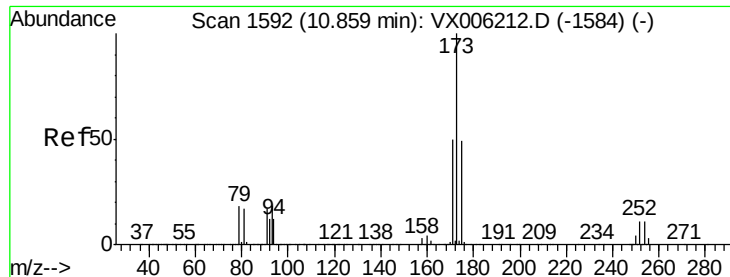
MMDadoda
12/11/2018 10:54:03 AM



#70
Styrene
Concen: 48.629 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX006409.D
Acq: 11 Dec 2018 09:31

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





#71

Bromoform

Concen: 41.274 ug/l

RT: 10.86 min Scan# 1592

Delta R.T. 0.00 min

Lab File: VX006409.D

Acq: 11 Dec 2018 09:31

Instrument :

MSVOA_X

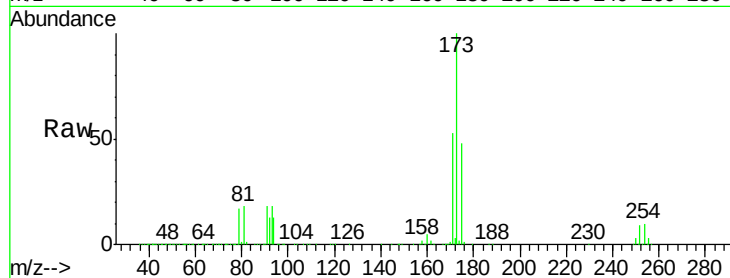
ClientSampleId :

VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
173	100		
175	48.3	24.6	73.8
254	0.2	0.2	0.2

Manual Integrations
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12/11/2018 10:54:03 AM

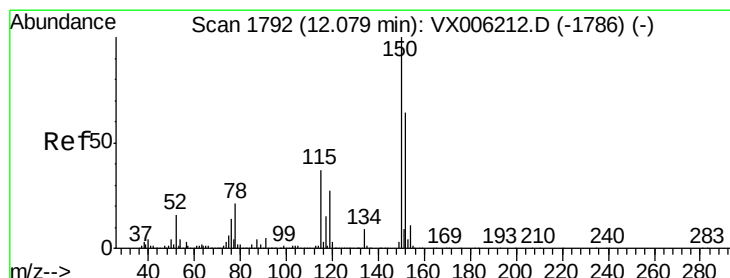
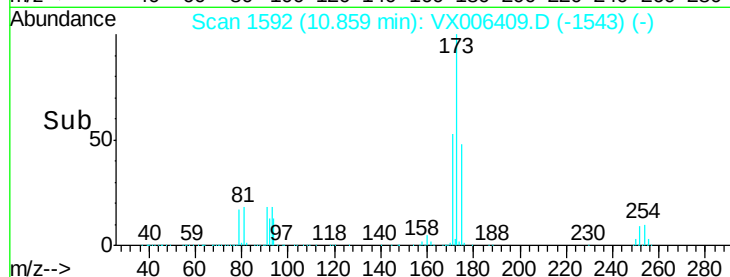
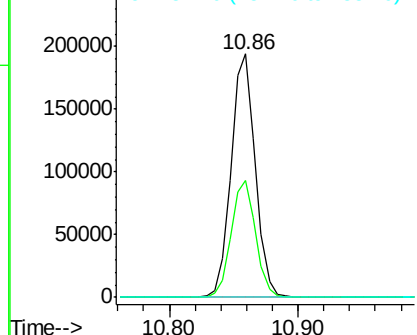


Abundance

Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX006409.D

Acq: 11 Dec 2018 09:31

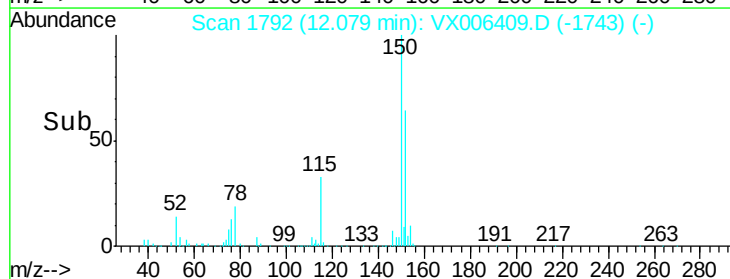
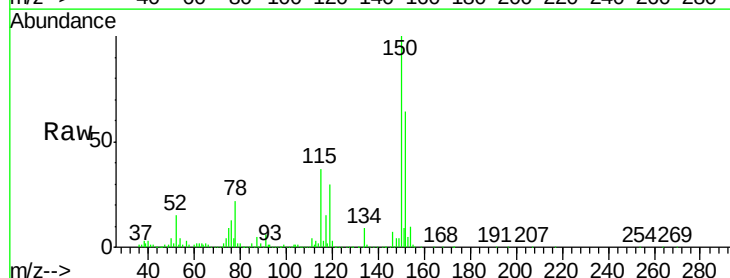
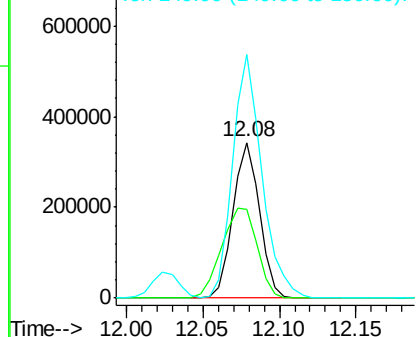
Tgt Ion	Ratio	Lower	Upper
152	100		
115	77.8	39.0	116.9
150	172.5	0.0	345.8

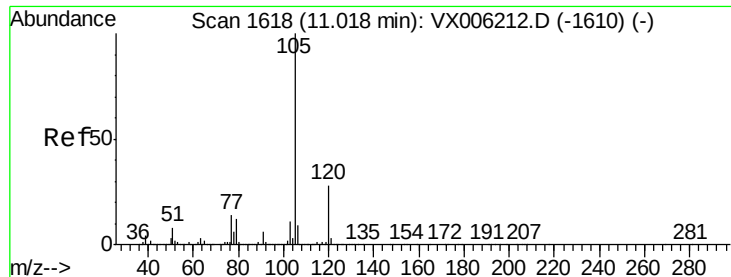
Abundance

Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 49.812 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX006409.D

Acq: 11 Dec 2018 09:31

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 1417295

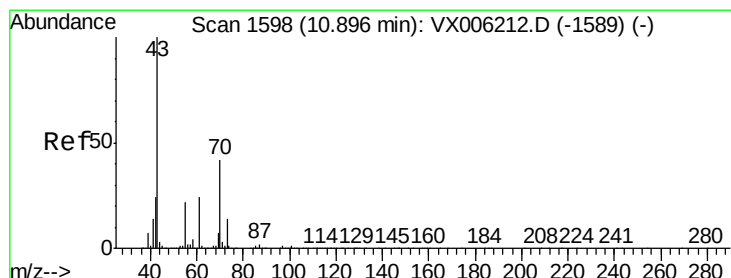
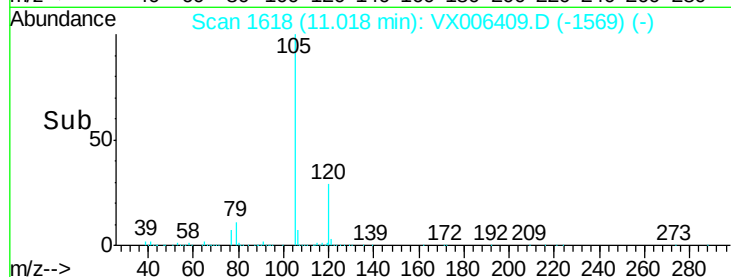
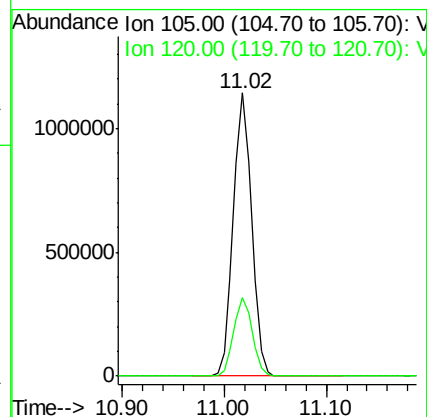
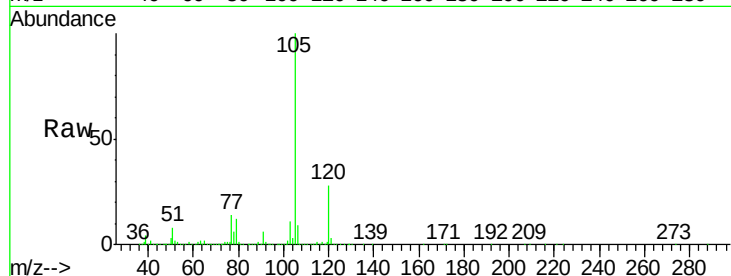
Ion Ratio Lower Upper

105 100

120 28.0 14.1 42.3

Manual Integrations
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#74

N-ethyl acetate

Concen: 44.276 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. 0.00 min

Lab File: VX006409.D

Acq: 11 Dec 2018 09:31

Tgt Ion: 43 Resp: 542492

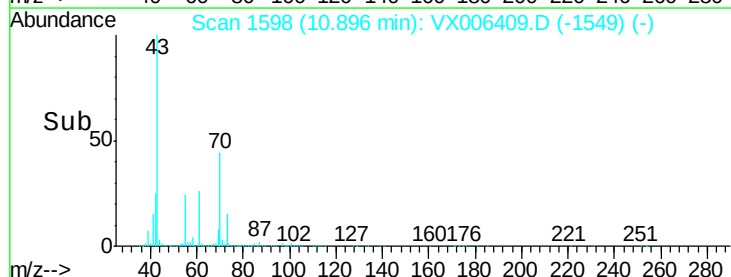
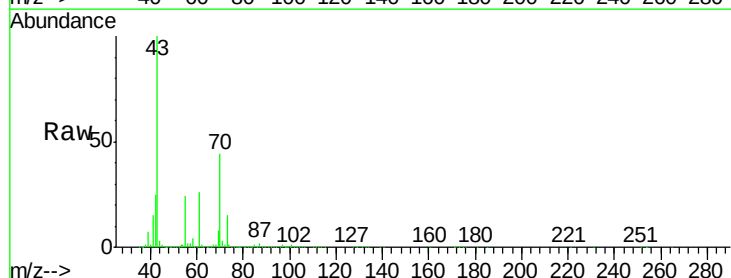
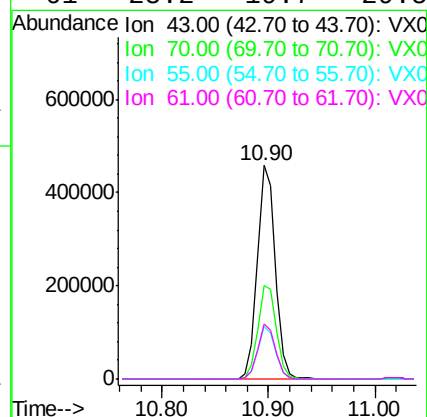
Ion Ratio Lower Upper

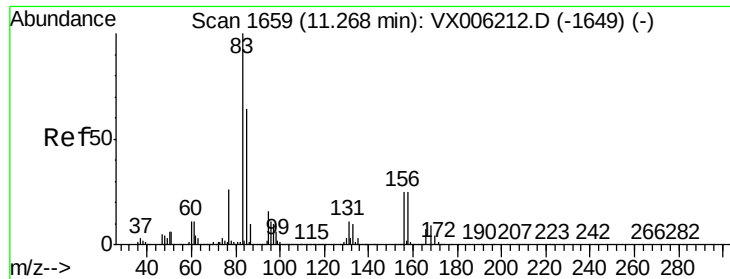
43 100

70 45.0 34.1 51.1

55 24.4 17.8 26.8

61 25.2 19.7 29.5





#75

1,1,2,2-Tetrachloroethane

Concen: 48.699 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. 0.00 min

Lab File: VX006409.D

Acq: 11 Dec 2018 09:31

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 83 Resp: 443295

Ion Ratio Lower Upper

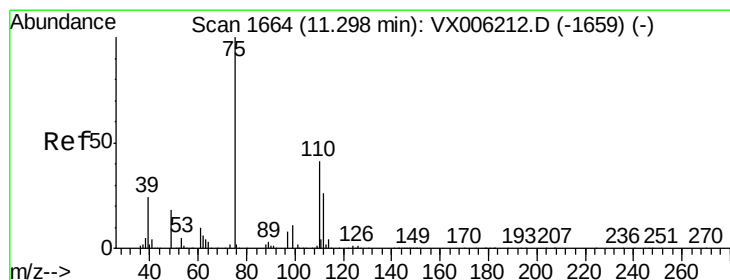
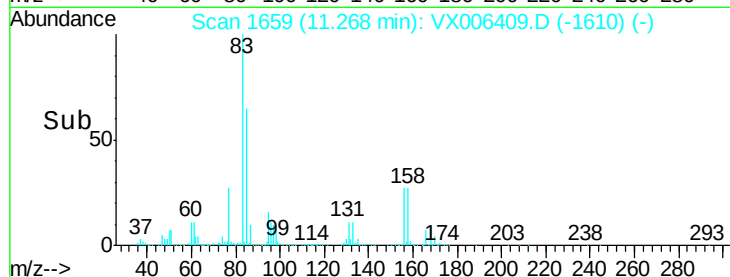
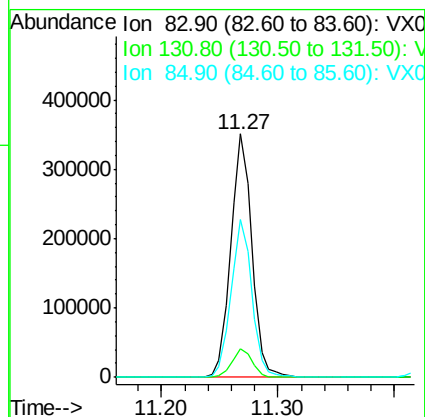
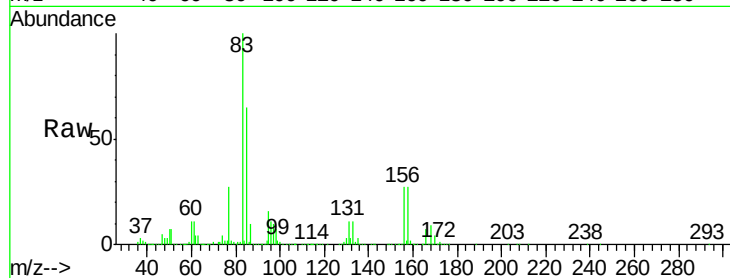
83 100

131 11.5 5.7 17.1

85 64.3 32.1 96.5

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 50.837 ug/l m

RT: 11.30 min Scan# 1664

Delta R.T. 0.00 min

Lab File: VX006409.D

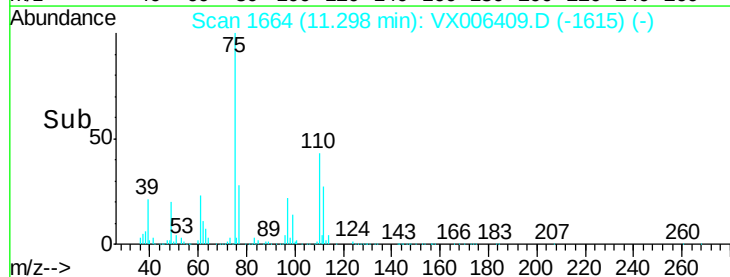
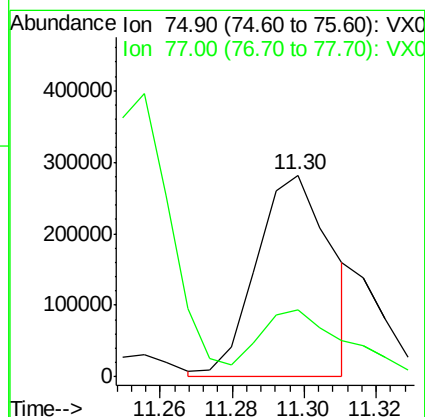
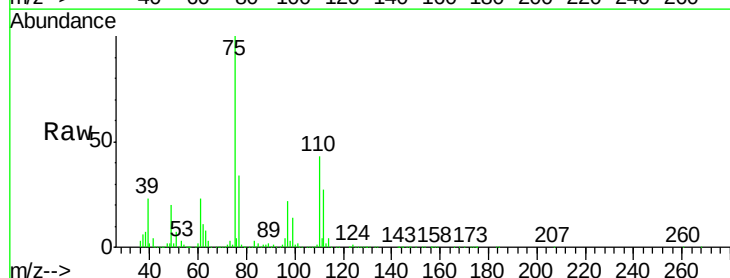
Acq: 11 Dec 2018 09:31

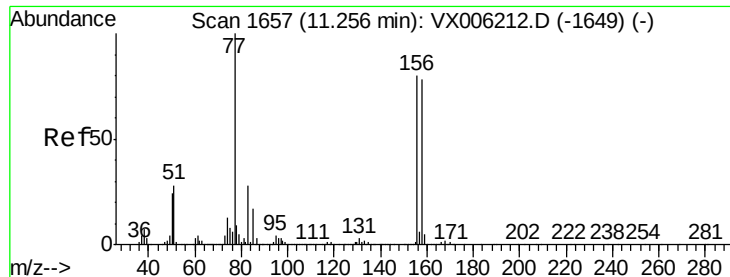
Tgt Ion: 75 Resp: 404280

Ion Ratio Lower Upper

75 100

77 38.9 19.9 59.7





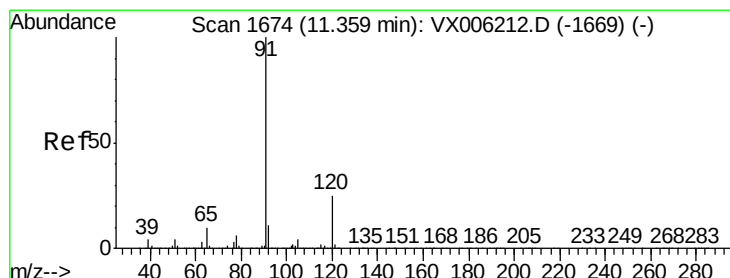
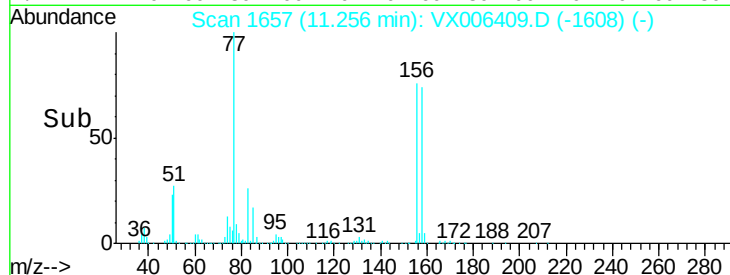
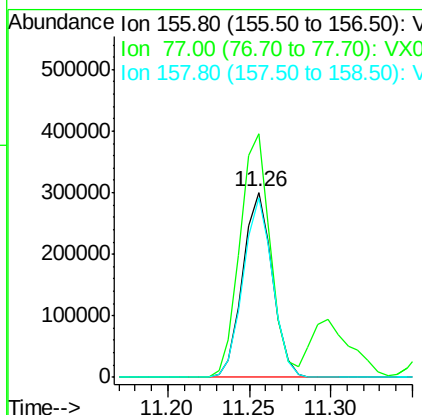
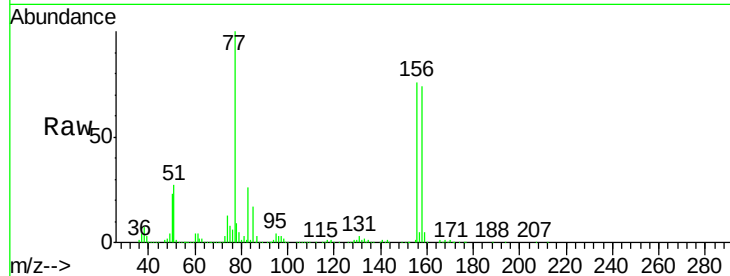
#77
Bromobenzene
Concen: 48.411 ug/l
RT: 11.26 min Scan# 1657
Delta R.T. 0.00 min
Lab File: VX006409.D
Acq: 11 Dec 2018 09:31

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
156	100		
77	135.8	66.2	198.6
158	97.0	48.8	146.4

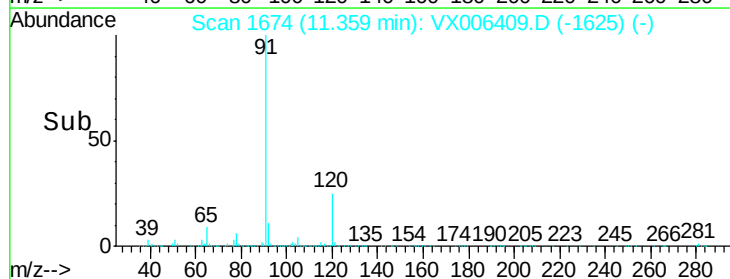
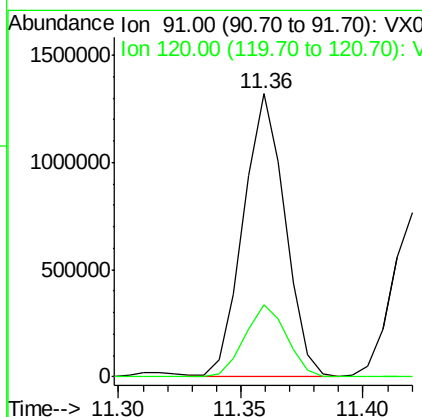
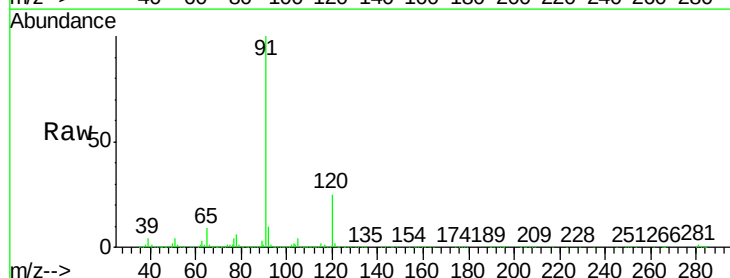
Manual Integrations
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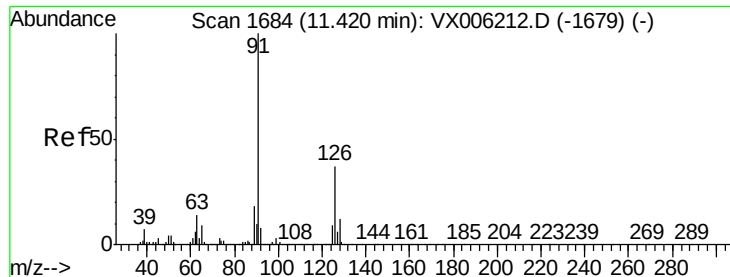
MMDadoda
12/11/2018 10:54:03 AM



#78
n-propylbenzene
Concen: 49.437 ug/l
RT: 11.36 min Scan# 1674
Delta R.T. 0.00 min
Lab File: VX006409.D
Acq: 11 Dec 2018 09:31

Tgt Ion	Ratio	Lower	Upper
91	100		
120	25.6	12.7	38.0





#79

2-Chlorotoluene

Concen: 49.740 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. 0.00 min

Lab File: VX006409.D

Acq: 11 Dec 2018 09:31

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 91 Resp: 935030

Ion Ratio Lower Upper

91 100

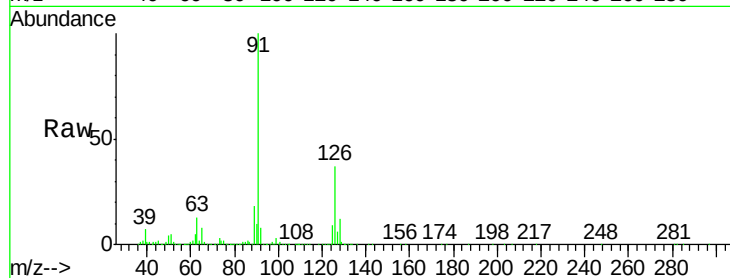
126 37.7 18.6 56.0

Manual Integrations

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Abundance Ion 91.00 (90.70 to 91.70): VX006212.D (-1679) (-)

Ion 125.90 (125.60 to 126.60): VX006212.D (-1679) (-)

1500000

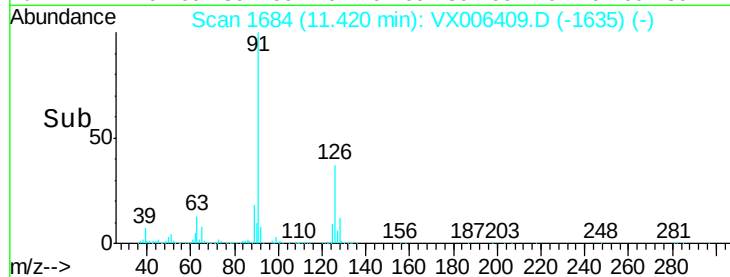
1000000

500000

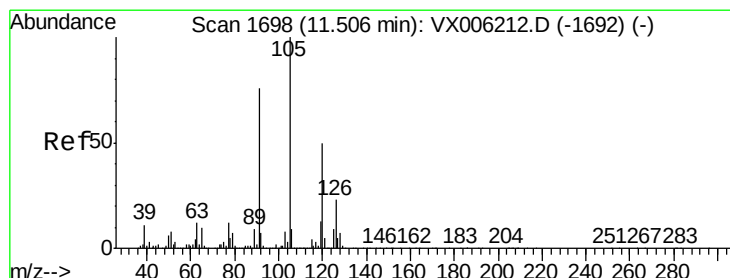
0

11.42

11.40 11.45



Time-->



#80

1,3,5-Trimethylbenzene

Concen: 49.086 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX006409.D

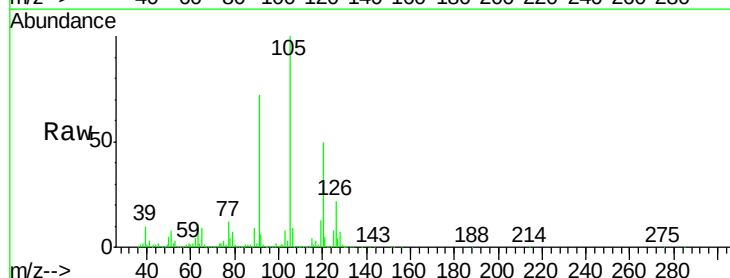
Acq: 11 Dec 2018 09:31

Tgt Ion: 105 Resp: 1162046

Ion Ratio Lower Upper

105 100

120 50.5 25.4 76.0



Abundance Ion 105.00 (104.70 to 105.70): VX006212.D (-1692) (-)

Ion 120.00 (119.70 to 120.70): VX006212.D (-1692) (-)

1200000

1000000

800000

600000

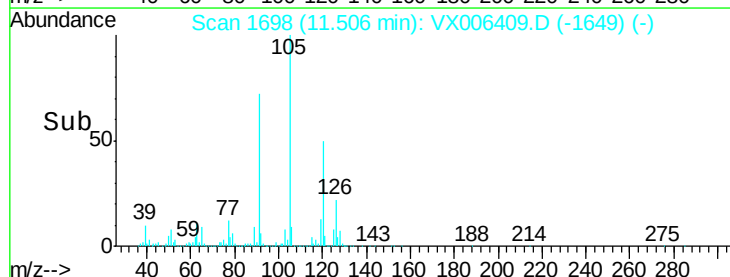
400000

200000

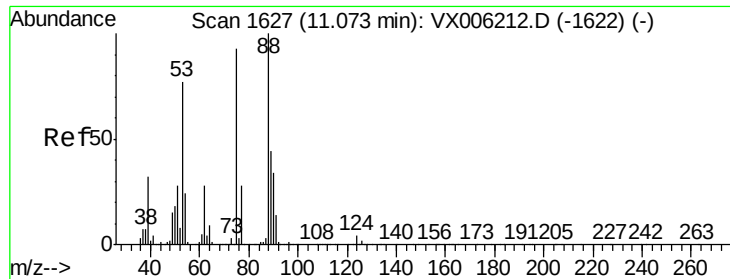
0

11.51

11.45 11.55



Time-->



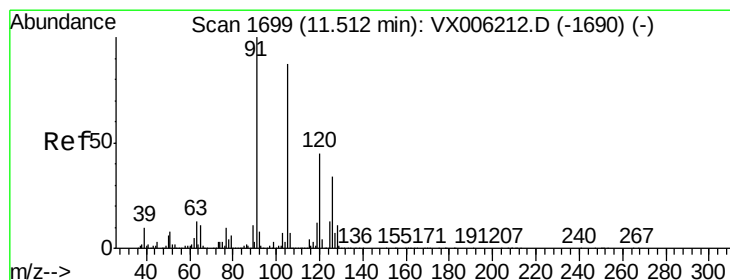
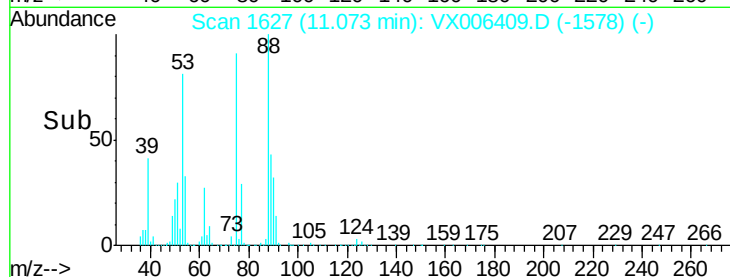
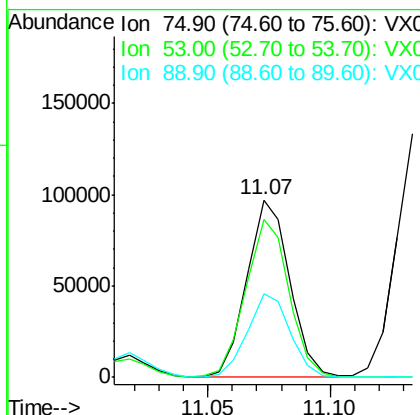
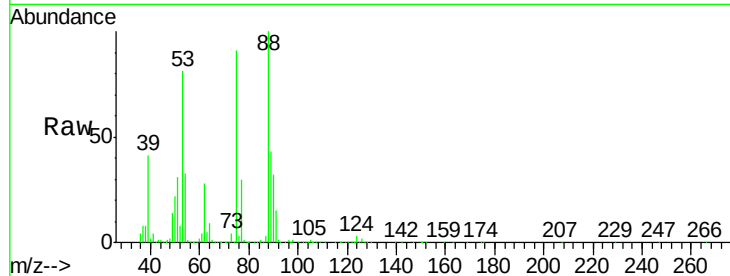
#81
trans-1,4-Dichloro-2-butene
Concen: 34.989 ug/l
RT: 11.07 min Scan# 1627
Delta R.T. 0.00 min
Lab File: VX006409.D
Acq: 11 Dec 2018 09:31

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
75	100		
53	90.1	64.4	96.6
89	47.1	44.2	66.4

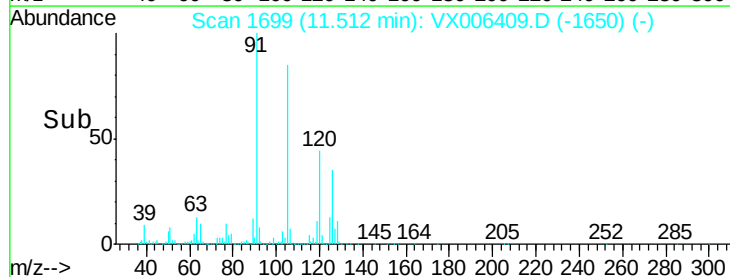
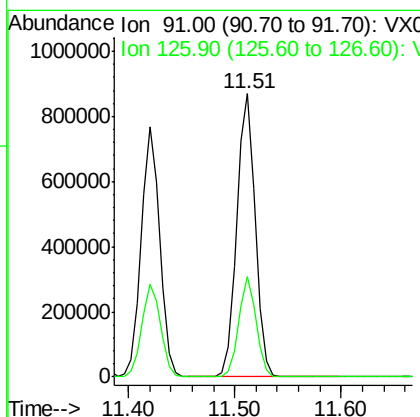
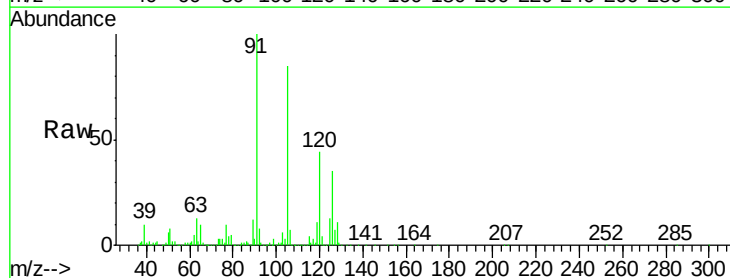
Manual Integrations
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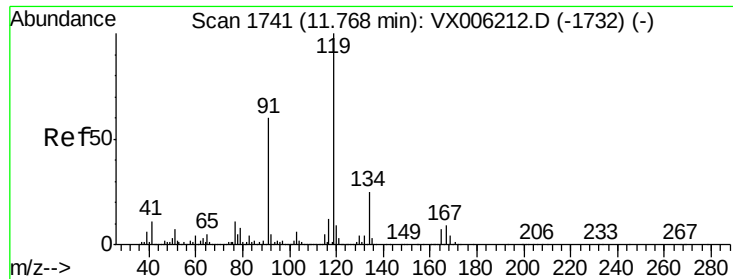
MMDadoda
12/11/2018 10:54:03 AM



#82
4-Chlorotoluene
Concen: 48.540 ug/l
RT: 11.51 min Scan# 1699
Delta R.T. 0.00 min
Lab File: VX006409.D
Acq: 11 Dec 2018 09:31

Tgt Ion	Ratio	Lower	Upper
91	100		
126	33.3	16.4	49.4





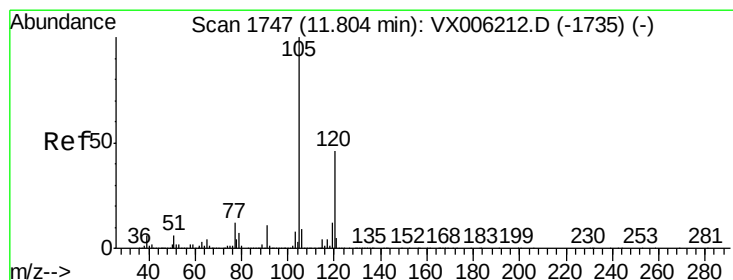
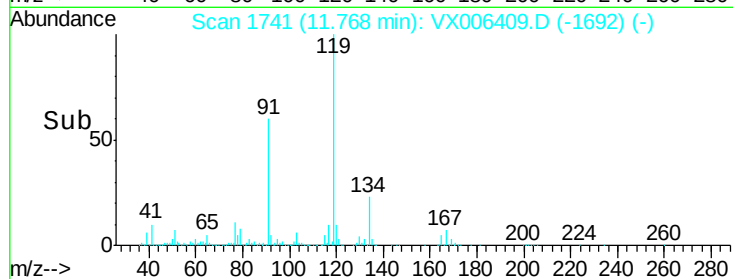
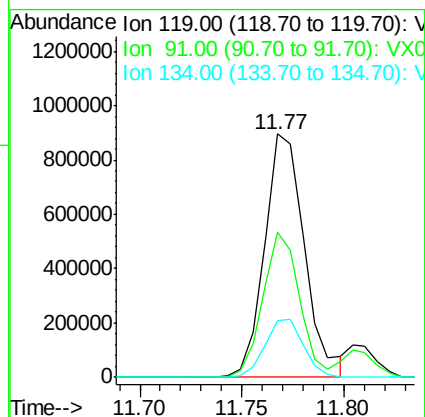
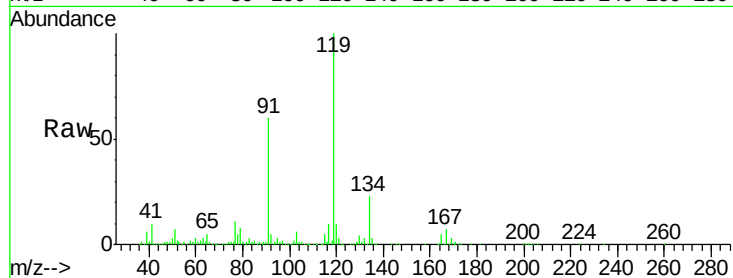
#83
 tert-Butylbenzene
 Concen: 48.482 ug/l
 RT: 11.77 min Scan# 1741
 Delta R.T. 0.00 min
 Lab File: VX006409.D
 Acq: 11 Dec 2018 09:31

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ion	Ratio	Lower	Upper
119	100			
91	54.7	26.4	79.2	
134	23.2	11.6	34.7	

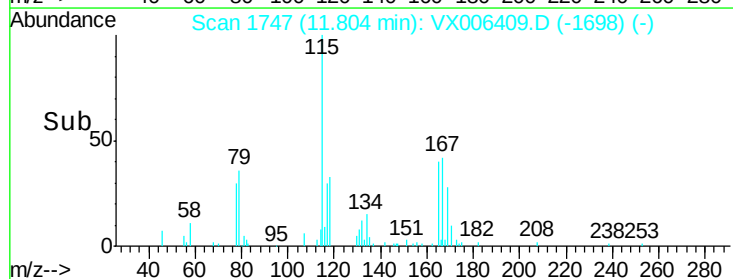
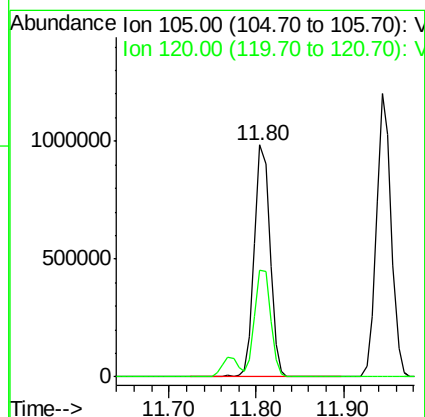
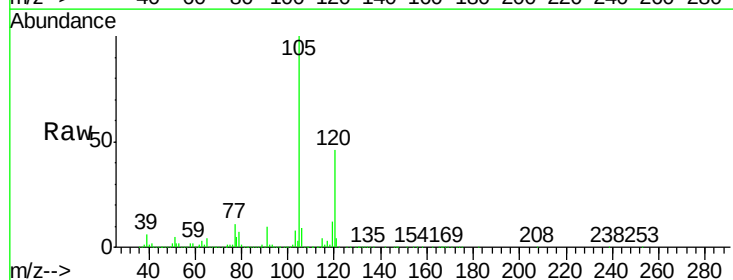
Manual Integrations
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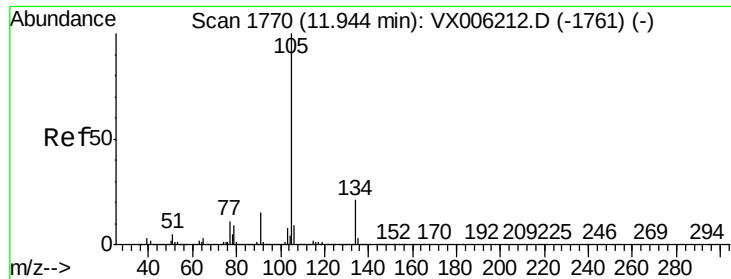
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 12/11/2018 10:54:03 AM



#84
 1,2,4-Trimethylbenzene
 Concen: 49.624 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. 0.00 min
 Lab File: VX006409.D
 Acq: 11 Dec 2018 09:31

Tgt Ion	Ion	Ratio	Lower	Upper
105	100			
120	46.7	23.4	70.0	





#85

sec-Butylbenzene

Concen: 49.623 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. 0.00 min

Lab File: VX006409.D

Acq: 11 Dec 2018 09:31

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 1425942

Ion Ratio Lower Upper

105 100

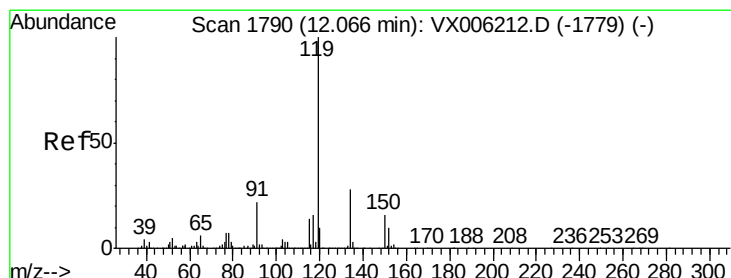
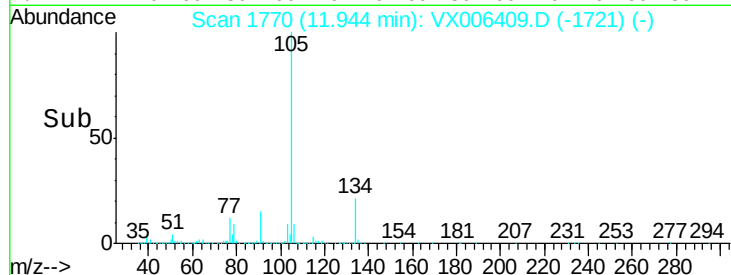
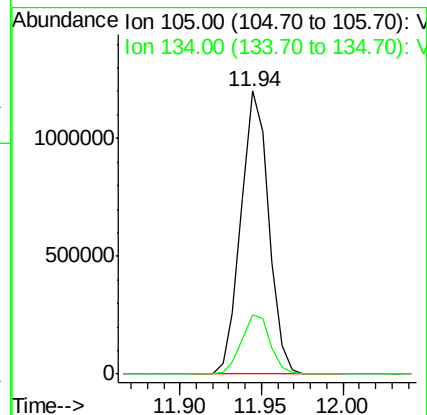
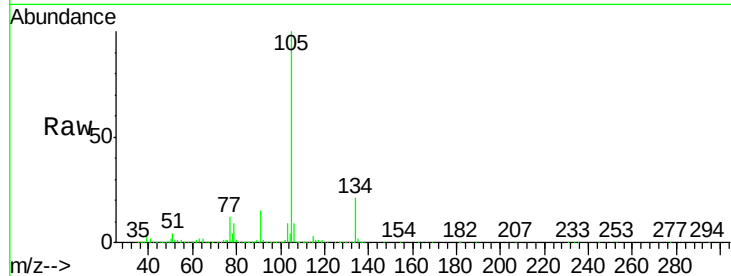
134 21.6 10.8 32.4

Manual Integrations

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#86

p-Isopropyltoluene

Concen: 49.385 ug/l

RT: 12.07 min Scan# 1790

Delta R.T. 0.00 min

Lab File: VX006409.D

Acq: 11 Dec 2018 09:31

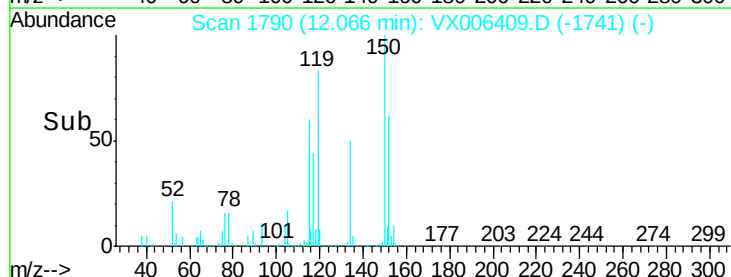
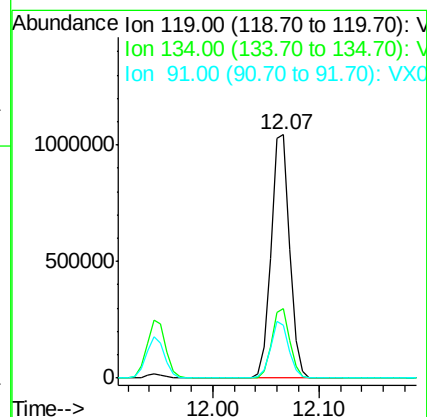
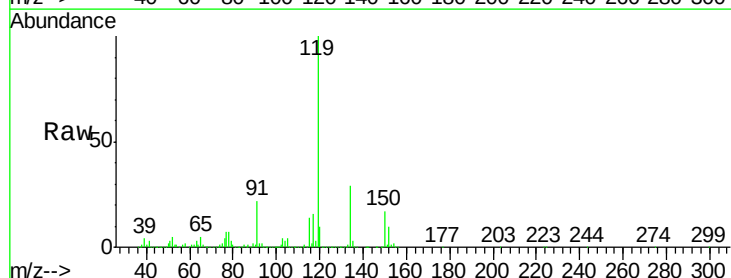
Tgt Ion:119 Resp: 1277863

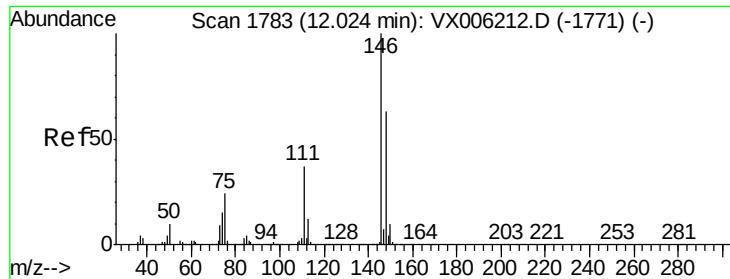
Ion Ratio Lower Upper

119 100

134 27.9 13.9 41.6

91 22.6 11.3 33.8





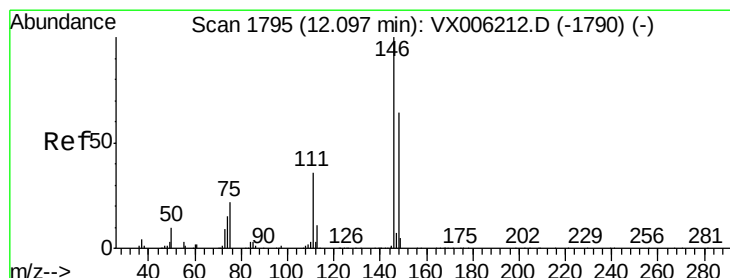
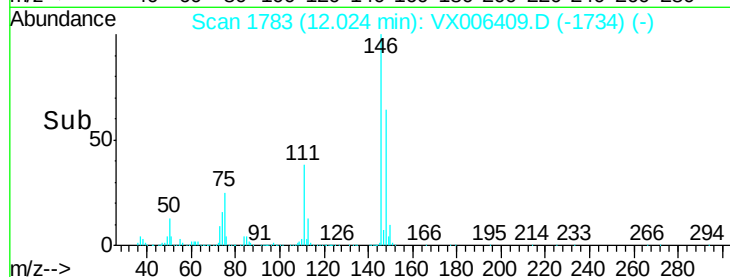
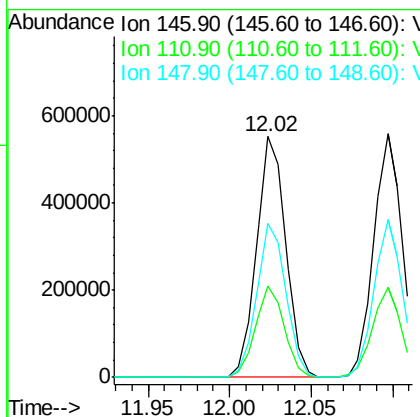
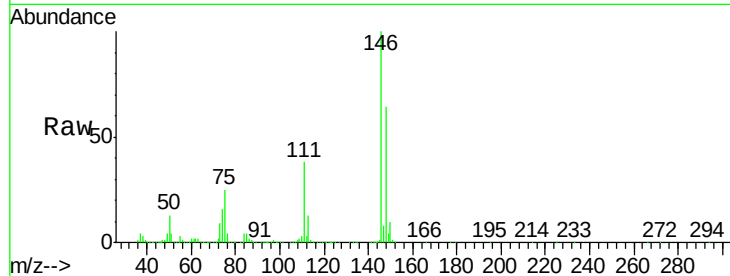
#87
 1,3-Dichlorobenzene
 Concen: 48.920 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. 0.00 min
 Lab File: VX006409.D
 Acq: 11 Dec 2018 09:31

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.7	18.4	55.2
148	63.9	32.0	96.0

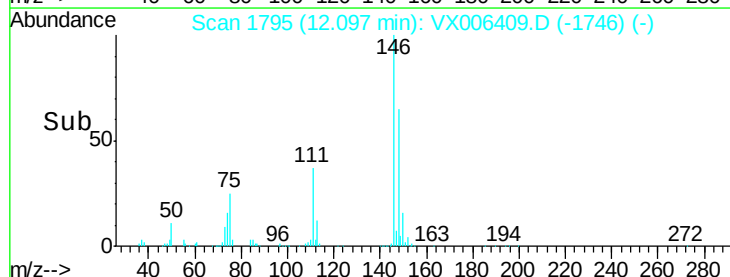
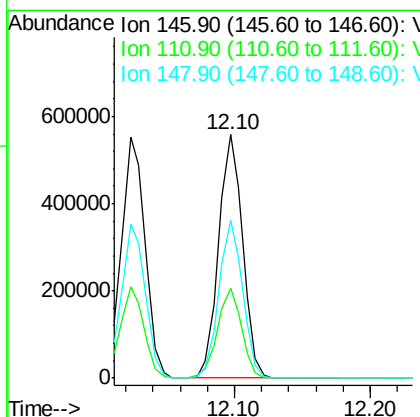
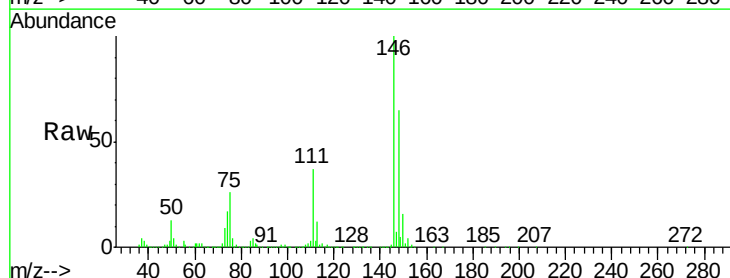
Manual Integrations
 APPROVED

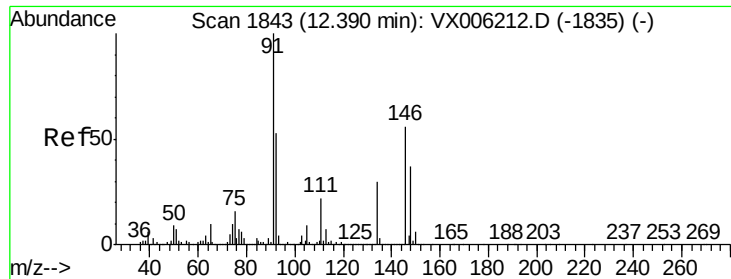
MMDadoda
 12/11/2018 10:54:03 AM



#88
 1,4-Dichlorobenzene
 Concen: 47.847 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. 0.00 min
 Lab File: VX006409.D
 Acq: 11 Dec 2018 09:31

Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.9	18.3	54.8
148	64.1	31.9	95.9





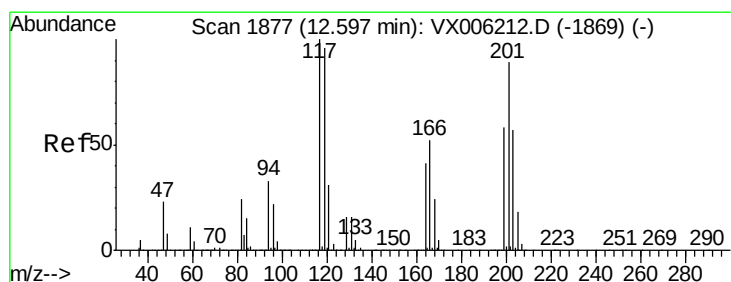
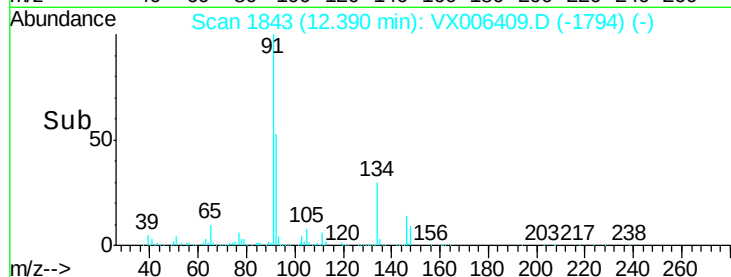
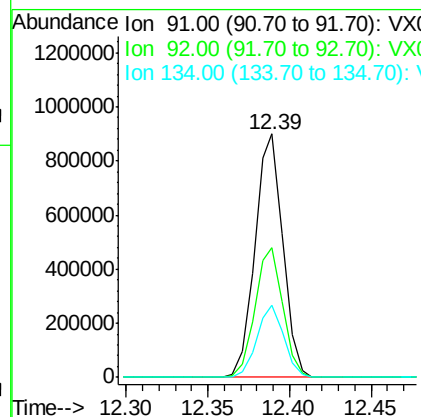
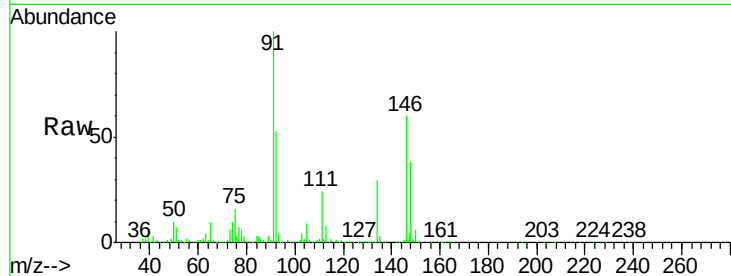
#89
n-Butylbenzene
Concen: 48.411 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. 0.00 min
Lab File: VX006409.D
Acq: 11 Dec 2018 09:31

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 91 Resp: 1068824
Ion Ratio Lower Upper
91 100
92 53.3 26.6 79.8
134 28.9 14.8 44.3

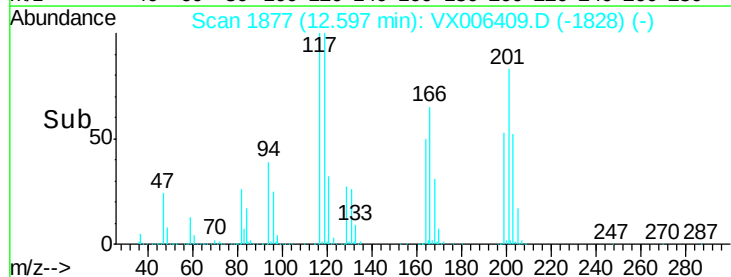
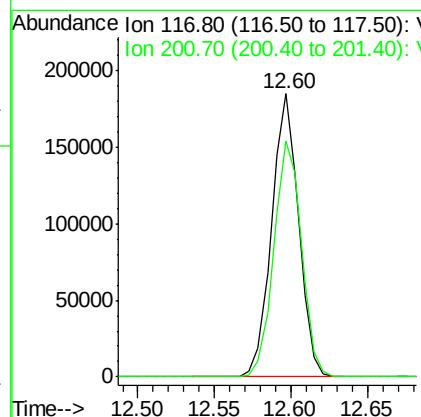
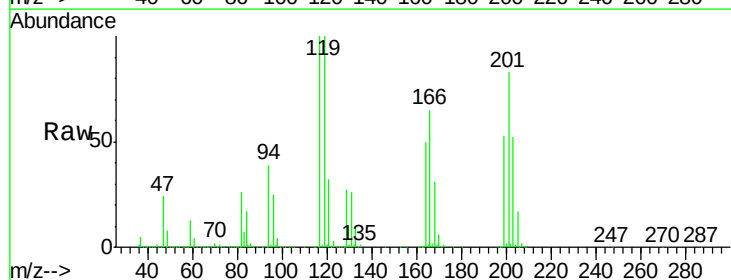
Manual Integrations
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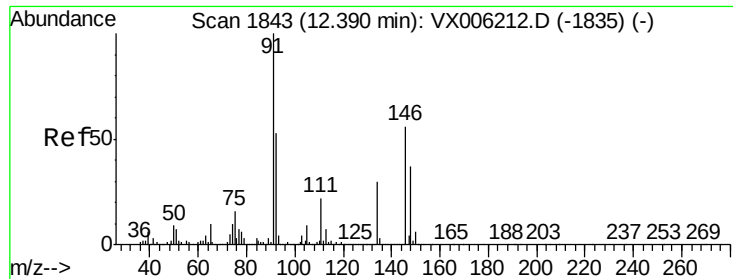
MMDadoda
12/11/2018 10:54:03 AM



#90
Hexachloroethane
Concen: 43.190 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. 0.00 min
Lab File: VX006409.D
Acq: 11 Dec 2018 09:31

Tgt Ion: 117 Resp: 227772
Ion Ratio Lower Upper
117 100
201 85.4 44.7 134.1





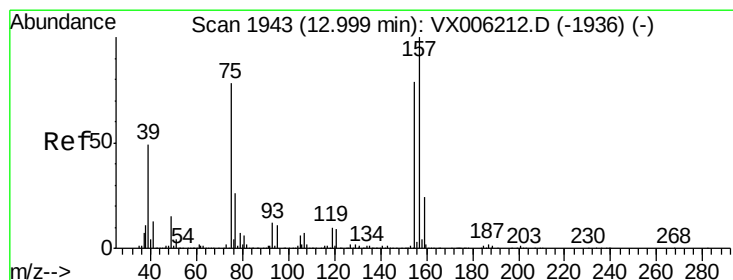
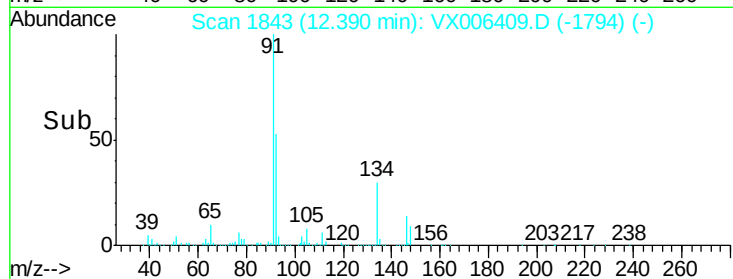
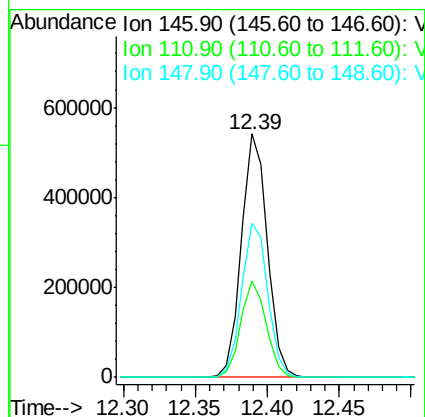
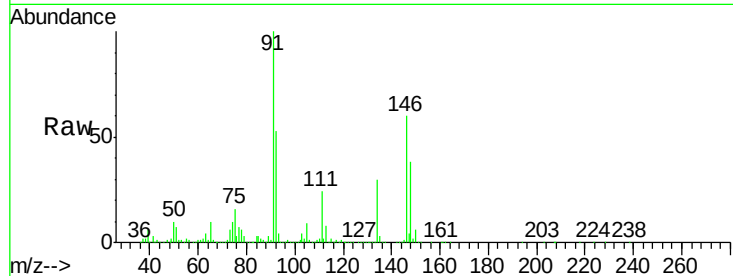
#91
 1,2-Dichlorobenzene
 Concen: 48.388 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. 0.00 min
 Lab File: VX006409.D
 Acq: 11 Dec 2018 09:31

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.2	19.1	57.3
148	64.1	32.1	96.3

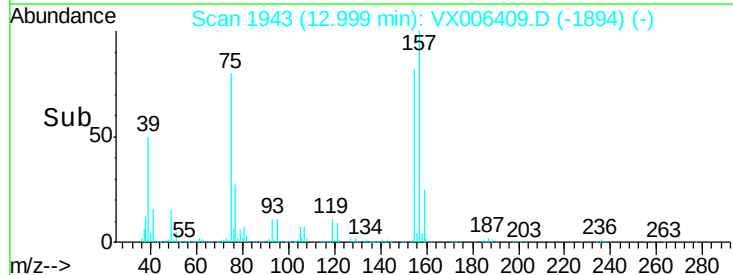
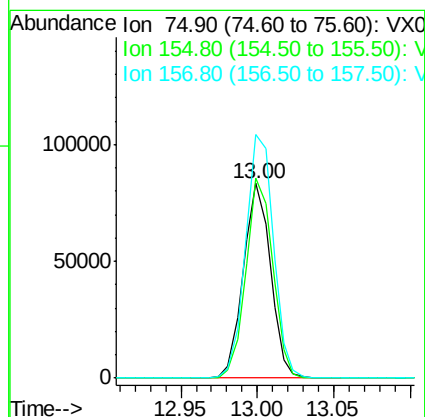
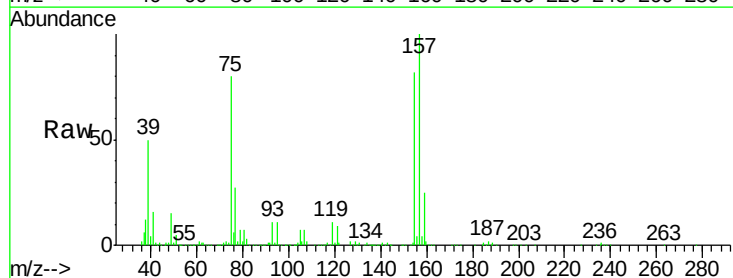
Manual Integrations
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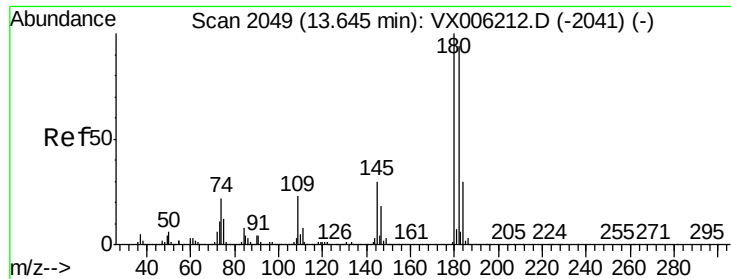
MMDadoda
 12/11/2018 10:54:03 AM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 44.049 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VX006409.D
 Acq: 11 Dec 2018 09:31

Tgt Ion	Ratio	Lower	Upper
75	100		
155	101.6	53.4	160.3
157	128.7	68.0	203.8





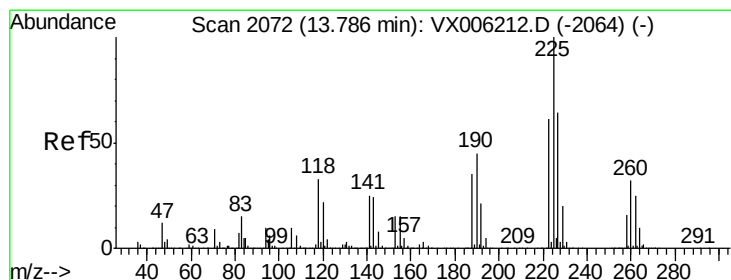
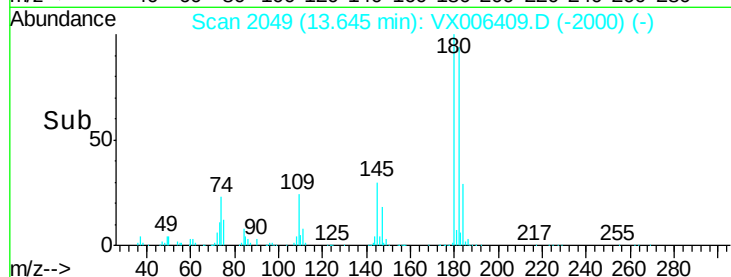
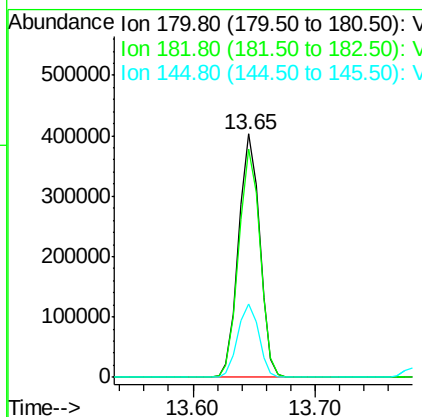
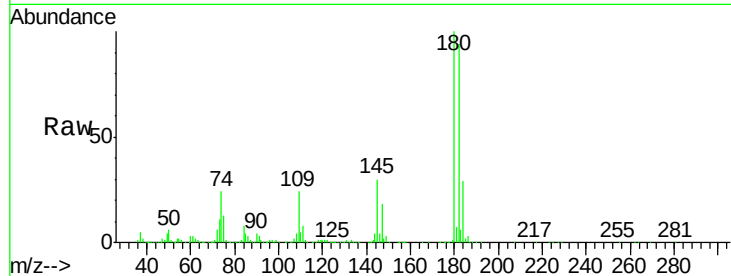
#93
 1,2,4-Trichlorobenzene
 Concen: 47.058 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. 0.00 min
 Lab File: VX006409.D
 Acq: 11 Dec 2018 09:31

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
180	100		
182	94.6	47.3	141.9
145	30.1	14.6	43.8

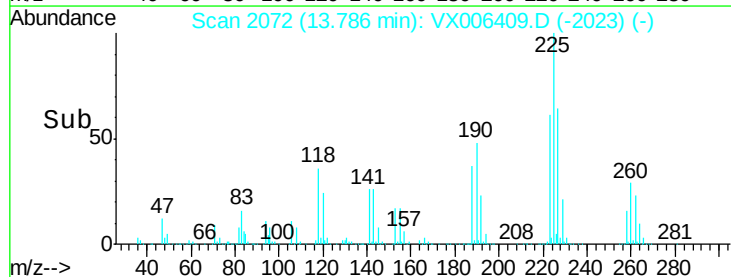
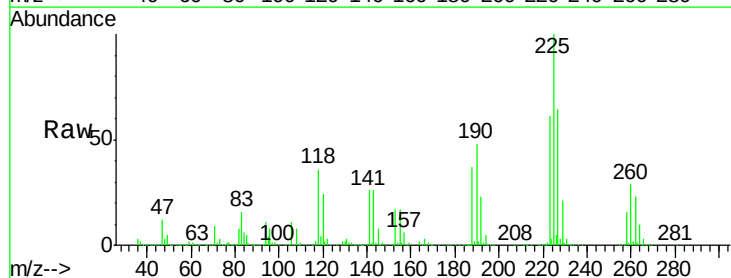
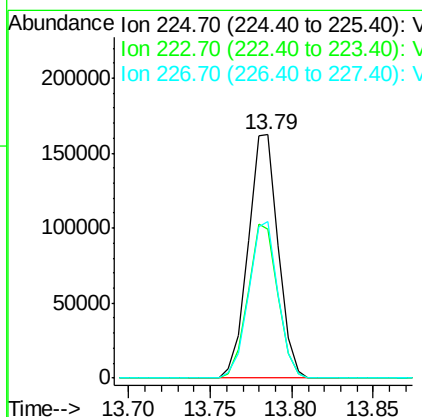
Manual Integrations
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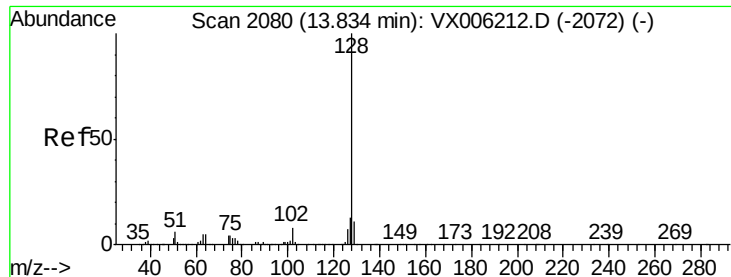
MMDadoda
 12/11/2018 10:54:03 AM



#94
 Hexachlorobutadiene
 Concen: 46.440 ug/l
 RT: 13.79 min Scan# 2072
 Delta R.T. 0.00 min
 Lab File: VX006409.D
 Acq: 11 Dec 2018 09:31

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.5	31.2	93.6
227	62.8	31.9	95.5





#95

Naphthalene

Concen: 49.538 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. 0.00 min

Lab File: VX006409.D

Acq: 11 Dec 2018 09:31

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:128 Resp: 1567636

Ion Ratio Lower Upper

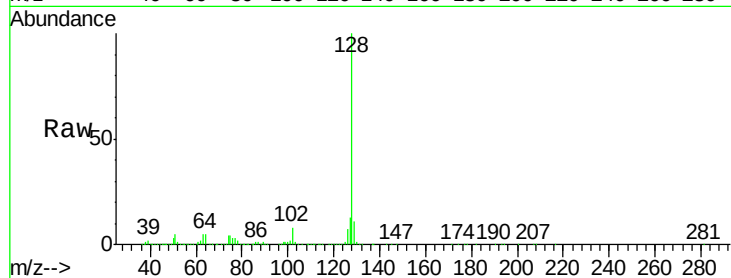
128 100

127 12.7 10.2 15.4

129 10.8 8.9 13.3

Manual Integrations
APPROVED

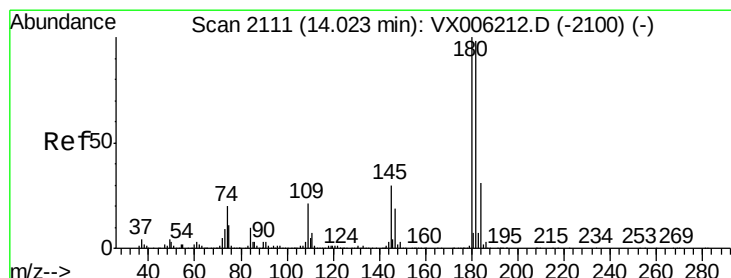
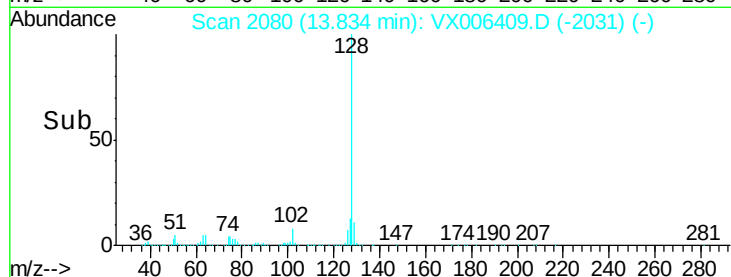
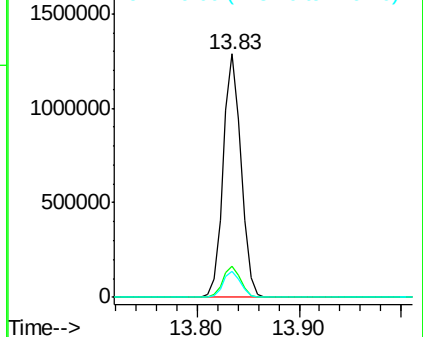
MMDadoda
12/11/2018 10:54:03 AM



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 48.301 ug/l

RT: 14.02 min Scan# 2110

Delta R.T. -0.01 min

Lab File: VX006409.D

Acq: 11 Dec 2018 09:31

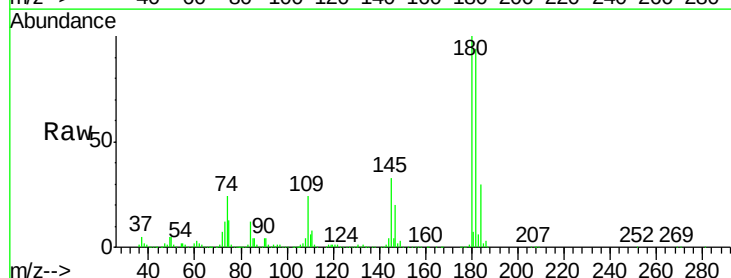
Tgt Ion:180 Resp: 486693

Ion Ratio Lower Upper

180 100

182 94.2 48.4 145.2

145 32.0 15.6 46.8



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

