

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX121018\
 Data File : VX006363.D
 Acq On : 10 Dec 2018 12:12
 Operator : JC/MD
 Sample : VX1210WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1210WBS01

Manual Integrations
 APPROVED

MMDadoda
 12/11/2018 10:54:43 AM

Quant Time: Dec 11 04:12:48 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	777671	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	1132088	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	991407	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	507706	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	390613	49.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.40%	
35) Dibromofluoromethane	5.51	113	379302	51.75	ug/l	0.01
Spiked Amount	50.000		Recovery	=	103.50%	
50) Toluene-d8	8.71	98	1316225	49.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.74%	
62) 4-Bromofluorobenzene	11.13	95	491431	48.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.82%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.21	85	143185	18.804	ug/l	100
3) Chloromethane	1.34	50	131225	16.770	ug/l	99
4) Vinyl Chloride	1.42	62	152584	18.118	ug/l	99
5) Bromomethane	1.65	94	115016	19.706	ug/l	100
6) Chloroethane	1.73	64	99066	19.185	ug/l	100
7) Trichlorofluoromethane	1.94	101	237459	18.369	ug/l	98
8) Diethyl Ether	2.20	74	93246	19.059	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	2.39	101	137466	18.701	ug/l	99
10) Methyl Iodide	2.52	142	194720	17.577	ug/l	98
11) Tert butyl alcohol	3.07	59	194053	89.381	ug/l	99
12) 1,1-Dichloroethene	2.39	96	127882	18.173	ug/l	91
13) Acrolein	2.31	56	95105	80.147	ug/l	97
14) Allyl chloride	2.74	41	236037	16.980	ug/l	98
15) Acrylonitrile	3.15	53	405614	89.529	ug/l	99
16) Acetone	2.45	43	352721	94.675	ug/l	94
17) Carbon Disulfide	2.58	76	338854	15.627	ug/l	100
18) Methyl Acetate	2.79	43	235578	18.908	ug/l	97
19) Methyl tert-butyl Ether	3.21	73	470405	18.739	ug/l	99
20) Methylene Chloride	2.87	84	145703	18.376	ug/l	95
21) trans-1,2-Dichloroethene	3.17	96	132905	17.723	ug/l	95
22) Diisopropyl ether	3.88	45	417370	19.223	ug/l	98
23) Vinyl Acetate	3.83	43	1721630	92.968	ug/l	98
24) 1,1-Dichloroethane	3.70	63	238556	19.223	ug/l	98
25) 2-Butanone	4.70	43	506979	95.370	ug/l	99
26) 2,2-Dichloropropane	4.59	77	219534	19.168	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	166026	19.849	ug/l	98
28) Bromochloromethane	5.03	49	110900	20.459	ug/l	99
29) Tetrahydrofuran	5.16	42	338521	91.627	ug/l	98
30) Chloroform	5.22	83	257213	19.723	ug/l	99
31) Cyclohexane	5.58	56	203208	17.718	ug/l	99
32) 1,1,1-Trichloroethane	5.50	97	236125	19.029	ug/l	100
36) 1,1-Dichloropropene	5.81	75	179661	18.846	ug/l	99
37) Ethyl Acetate	4.86	43	196989	18.451	ug/l	98
38) Carbon Tetrachloride	5.79	117	214177	19.097	ug/l	99

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 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	230267	18.608	ug/l	97
40) Benzene	6.15	78	551820	19.326	ug/l	100
41) Methacrylonitrile	5.07	41	108276	18.431	ug/l	99
42) 1,2-Dichloroethane	6.20	62	184435	19.736	ug/l	99
43) Isopropyl Acetate	6.46	43	321428	18.058	ug/l	99
44) Trichloroethene	7.21	130	164495	19.017	ug/l	98
45) 1,2-Dichloropropane	7.52	63	138684	19.111	ug/l	98
46) Dibromomethane	7.66	93	102603	19.577	ug/l	98
47) Bromodichloromethane	7.90	83	192883	19.004	ug/l	97
48) Methyl methacrylate	7.77	41	158918	18.352	ug/l	97
49) 1,4-Dioxane	7.76	88	81298	380.916	ug/l	99
51) 4-Methyl-2-Pentanone	8.65	43	958258	92.476	ug/l	99
52) Toluene	8.79	92	355151	18.906	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	214752	18.092	ug/l	99
54) cis-1,3-Dichloropropene	8.44	75	229833	18.647	ug/l	97
55) 1,1,2-Trichloroethane	9.22	97	153101	20.062	ug/l	96
56) Ethyl methacrylate	9.18	69	225322	18.886	ug/l	96
57) 1,3-Dichloropropane	9.37	76	239701	19.863	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.32	63	596781	98.573	ug/l	98
59) 2-Hexanone	9.49	43	732279	92.497	ug/l	99
60) Dibromochloromethane	9.59	129	174696	18.564	ug/l	99
61) 1,2-Dibromoethane	9.67	107	162805	19.079	ug/l	100
64) Tetrachloroethene	9.34	164	147956	19.817	ug/l	98
65) Chlorobenzene	10.14	112	415489	19.743	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	162743	19.903	ug/l	99
67) Ethyl Benzene	10.25	91	677028	19.342	ug/l	99
68) m/p-Xylenes	10.36	106	544659	38.846	ug/l	99
69) o-Xylene	10.70	106	269482	19.458	ug/l	100
70) Styrene	10.71	104	431495	19.264	ug/l	99
71) Bromoform	10.86	173	138576	17.953	ug/l #	99
73) Isopropylbenzene	11.02	105	715824	20.416	ug/l	100
74) N-amyl acetate	10.90	43	276556	18.317	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.27	83	226882	20.227	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	215001m	21.940	ug/l	
77) Bromobenzene	11.26	156	197658	20.314	ug/l	99
78) n-propylbenzene	11.36	91	771489	19.795	ug/l	99
79) 2-Chlorotoluene	11.42	91	465067	20.076	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	591634	20.281	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	74496	17.840	ug/l	91
82) 4-Chlorotoluene	11.51	91	532437	19.769	ug/l	100
83) tert-Butylbenzene	11.77	119	632618	20.325	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	614041	20.384	ug/l	99
85) sec-Butylbenzene	11.94	105	717349	20.259	ug/l	99
86) p-Isopropyltoluene	12.06	119	641618	20.123	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	345589	19.961	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	343046	19.521	ug/l	99
89) n-Butylbenzene	12.39	91	528667	19.432	ug/l	100
90) Hexachloroethane	12.60	117	122296	18.819	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	344539	20.051	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	51735	17.992	ug/l	95

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ClientSampleId :
VX1210WBS01

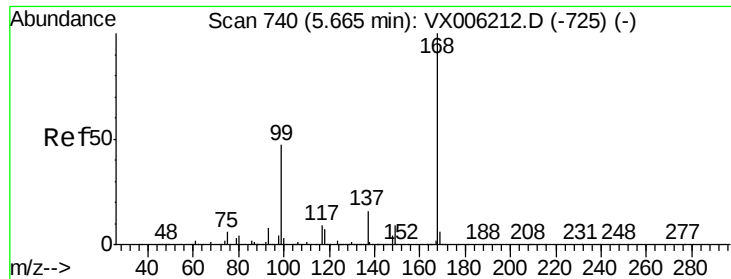
Manual Integrations
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Quant Title : SW846 8260
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	241996	19.304	ug/l	100
94) Hexachlorobutadiene	13.79	225	112910	20.366	ug/l	98
95) Naphthalene	13.83	128	757844	19.434	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	244179	19.665	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 741

Delta R.T. 0.01 min

Lab File: VX006363.D

Acq: 10 Dec 2018 12:12

Instrument :

MSVOA_X

ClientSampleId :

VX1210WBS01

Tot Ion:168 Resp: 777671

Ion Ratio Lower Upper

168 100

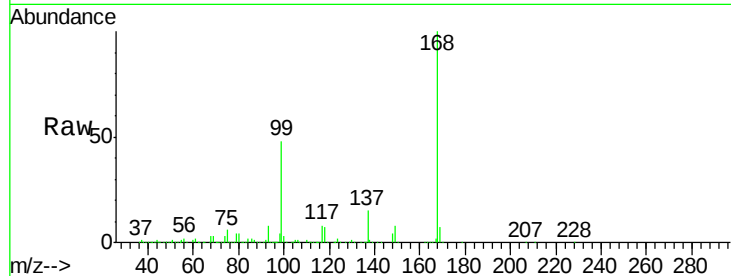
99 48.1 37.8 56.8

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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

250000

200000

150000

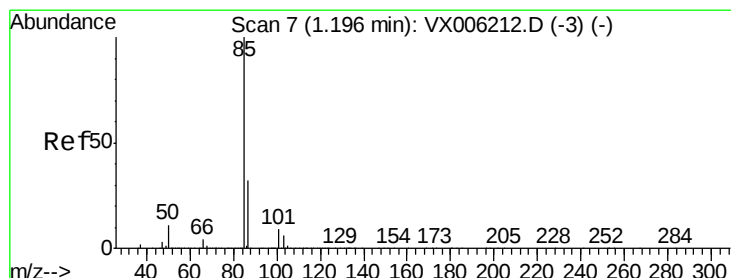
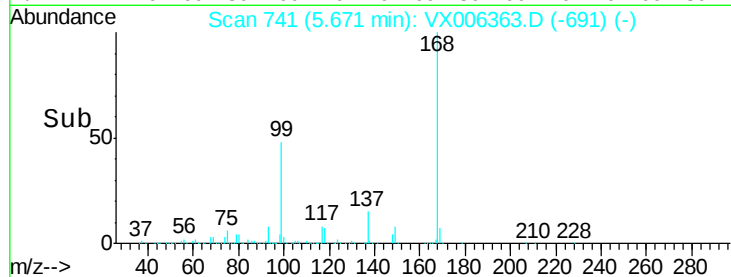
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50000

0

Time-->

5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 18.804 ug/l

RT: 1.21 min Scan# 9

Delta R.T. 0.01 min

Lab File: VX006363.D

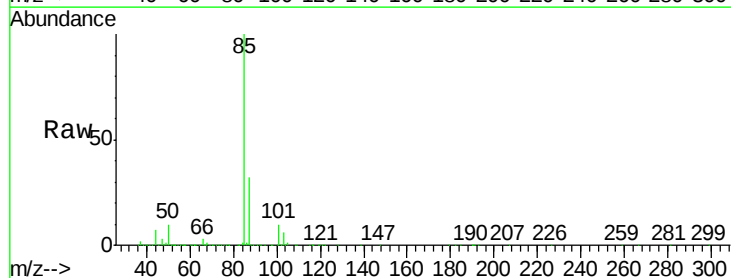
Acq: 10 Dec 2018 12:12

Tgt Ion: 85 Resp: 143185

Ion Ratio Lower Upper

85 100

87 32.3 16.1 48.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.21

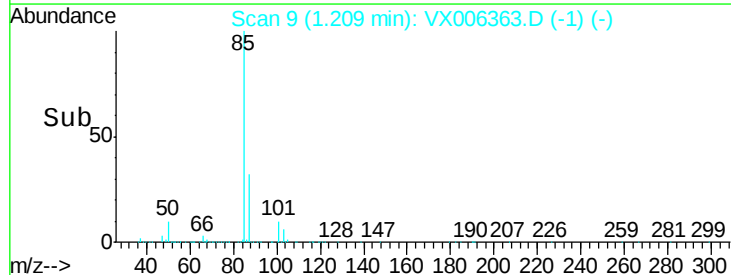
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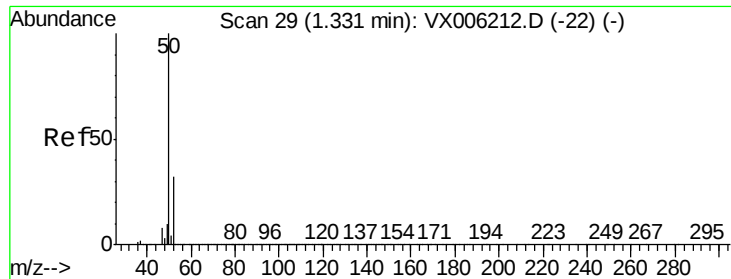
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Time-->

1.15 1.20 1.25 1.30





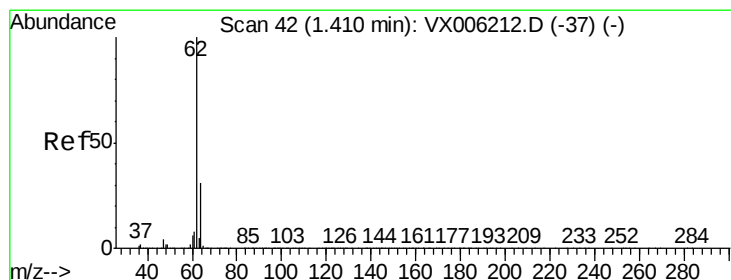
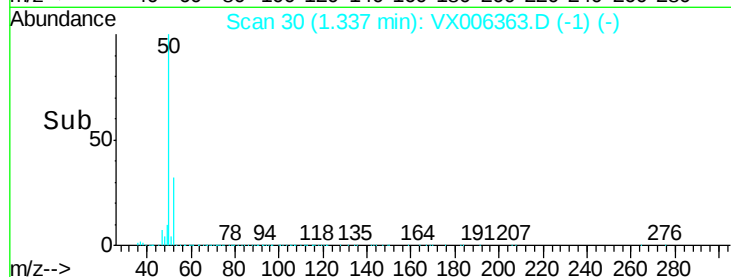
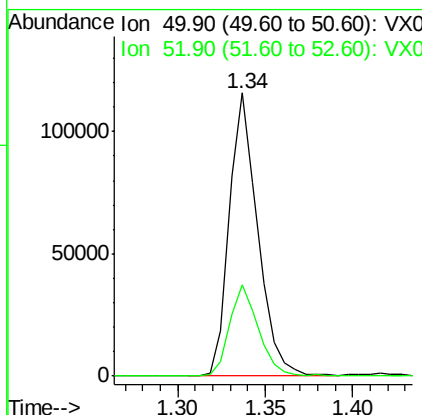
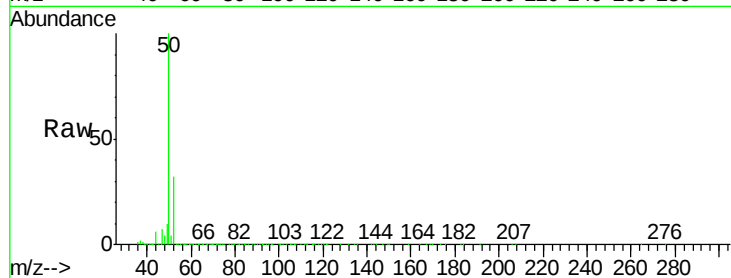
#3
Chloromethane
Concen: 16.770 ug/l
RT: 1.34 min Scan# 30
Delta R.T. 0.01 min
Lab File: VX006363.D
Acq: 10 Dec 2018 12:12

Instrument :
MSVOA_X
ClientSampleId :
VX1210WBS01

Tot Ion	Ratio	Lower	Upper
50	100		
52	31.9	25.2	37.8

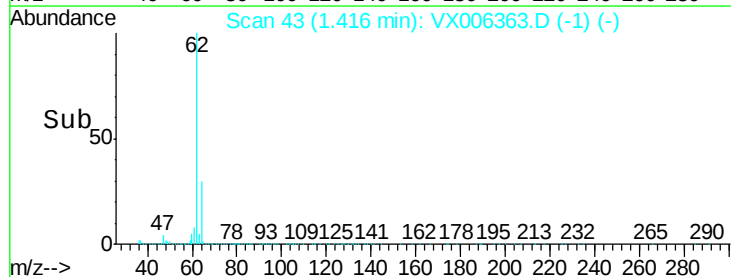
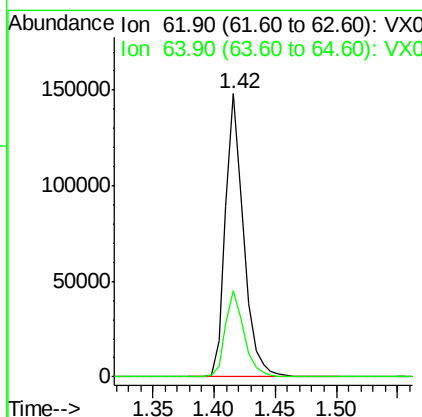
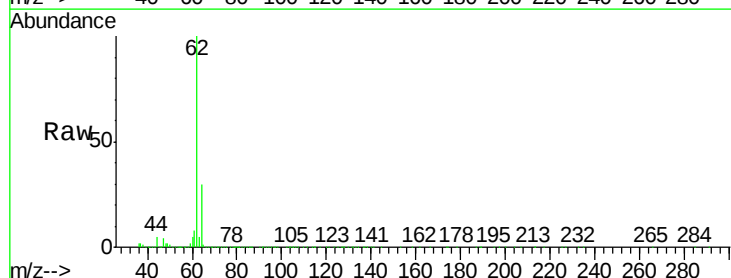
Manual Integrations
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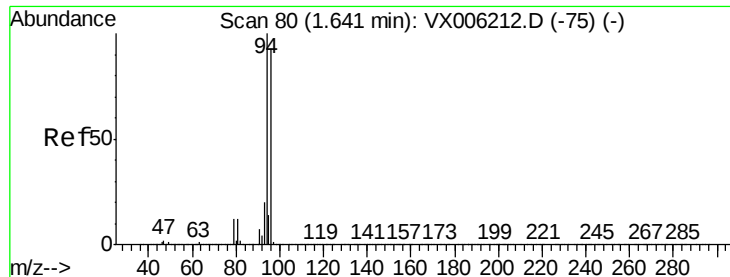
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#4
Vinyl Chloride
Concen: 18.118 ug/l
RT: 1.42 min Scan# 43
Delta R.T. 0.01 min
Lab File: VX006363.D
Acq: 10 Dec 2018 12:12

Tgt Ion	Ratio	Lower	Upper
62	100		
64	30.3	24.9	37.3





#5

Bromomethane

Concen: 19.706 ug/l

RT: 1.65 min Scan# 81

Delta R.T. 0.01 min

Lab File: VX006363.D

Acq: 10 Dec 2018 12:12

Instrument :

MSVOA_X

ClientSampleId :

VX1210WBS01

Tot Ion: 94 Resp: 115016

Ion Ratio Lower Upper

94 100

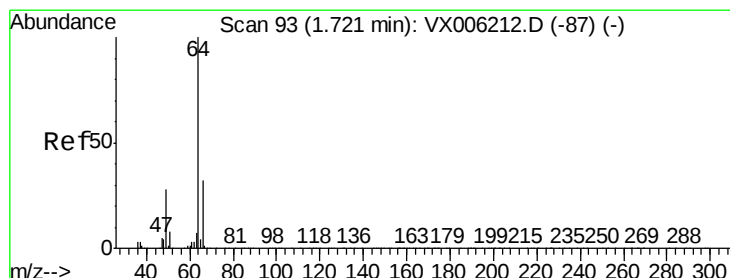
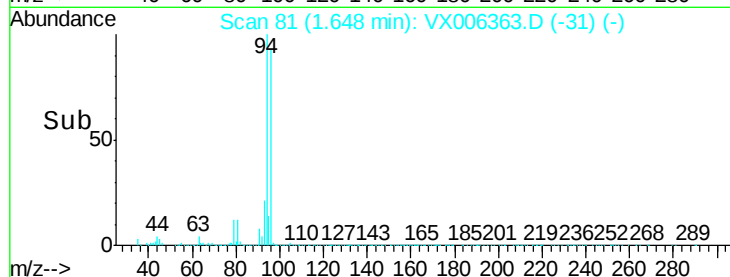
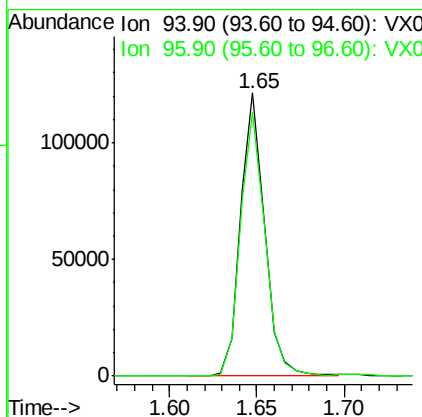
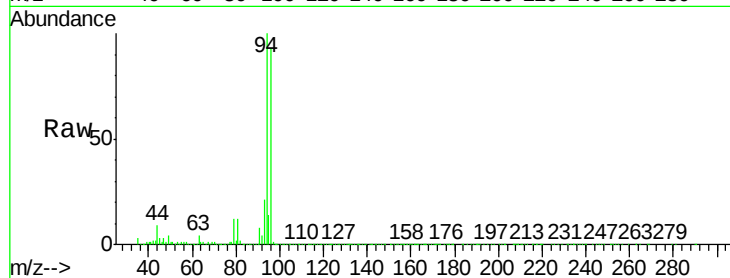
96 93.1 74.5 111.7

Manual Integrations

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#6

Chloroethane

Concen: 19.185 ug/l

RT: 1.73 min Scan# 95

Delta R.T. 0.01 min

Lab File: VX006363.D

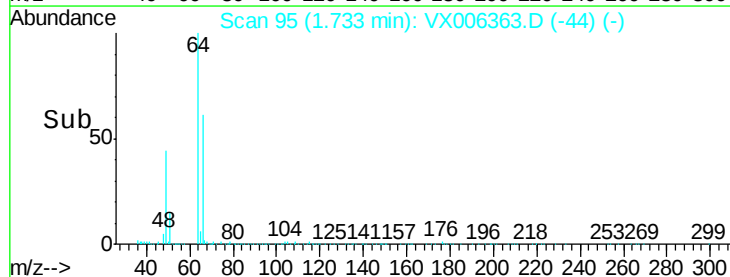
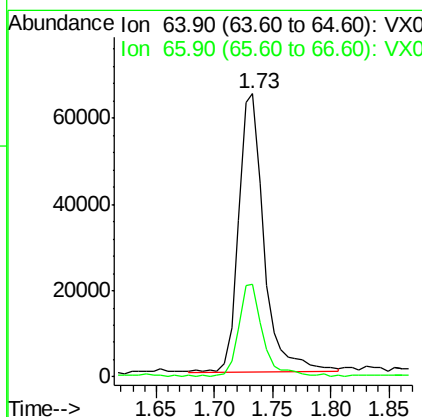
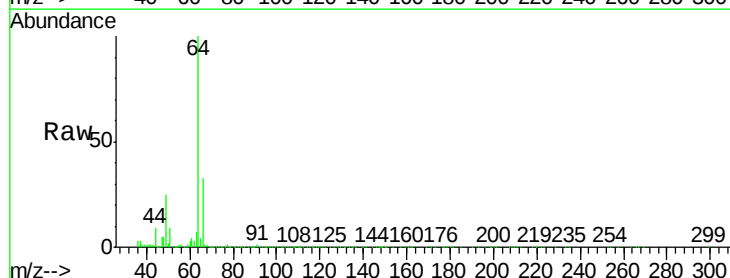
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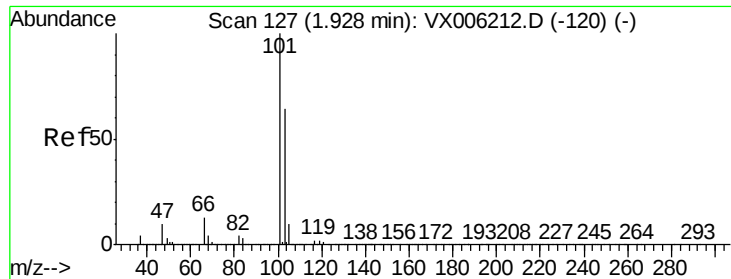
Tgt Ion: 64 Resp: 99066

Ion Ratio Lower Upper

64 100

66 32.6 25.9 38.9





#7

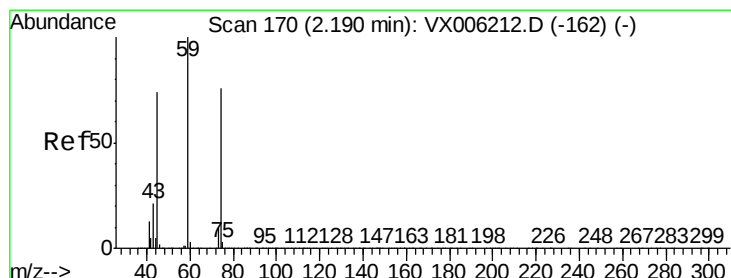
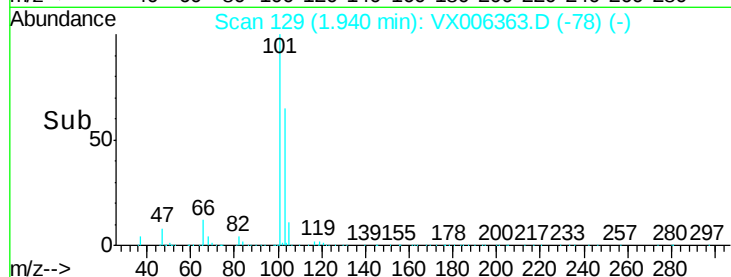
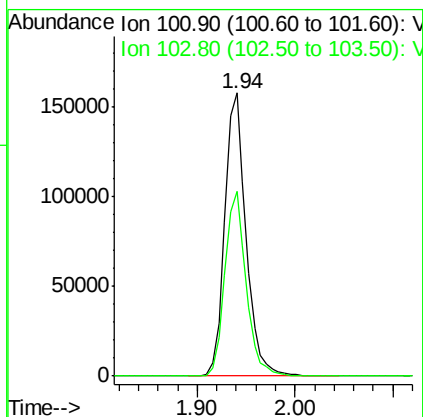
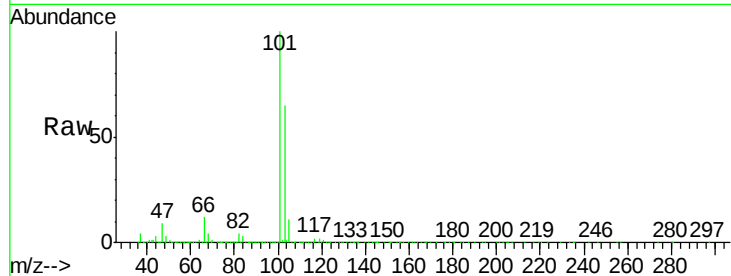
Trichlorofluoromethane
Concen: 18.369 ug/l
RT: 1.94 min Scan# 129
Delta R.T. 0.01 min
Lab File: VX006363.D
Acq: 10 Dec 2018 12:12

Instrument :
MSVOA_X
ClientSampleId :
VX1210WBS01

Tot Ion	Ratio	Lower	Upper
101	100		
103	65.4	51.0	76.4

Manual Integrations
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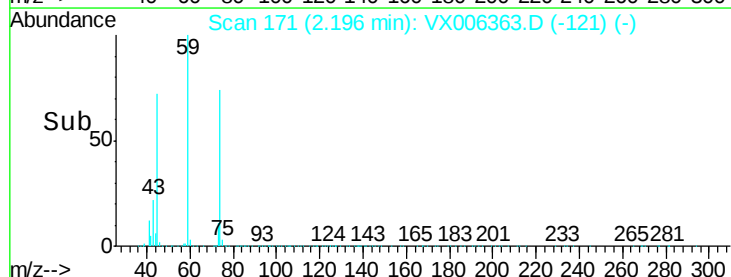
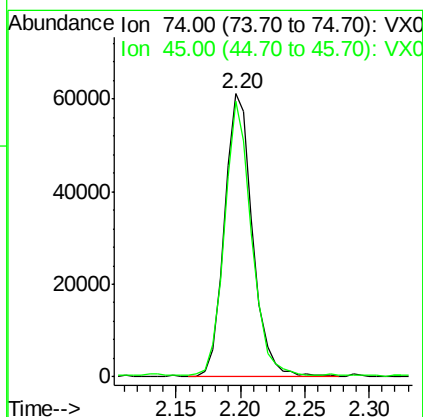
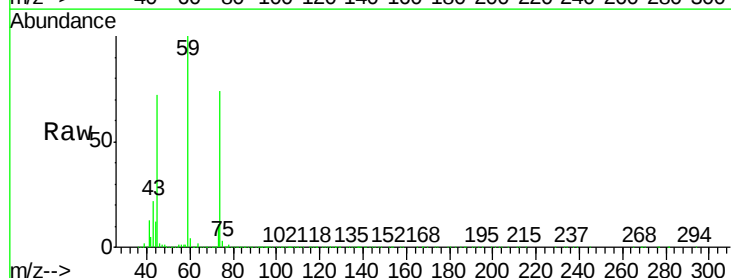
MMDadoda
12/11/2018 10:54:43 AM

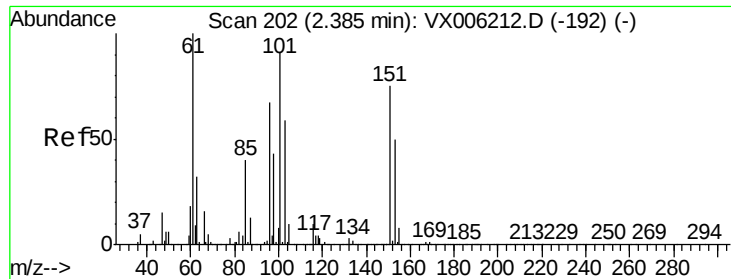


#8

Diethyl Ether
Concen: 19.059 ug/l
RT: 2.20 min Scan# 171
Delta R.T. 0.01 min
Lab File: VX006363.D
Acq: 10 Dec 2018 12:12

Tgt Ion	Ratio	Lower	Upper
74	100		
45	93.2	49.5	148.7





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.701 ug/l

RT: 2.39 min Scan# 203

Delta R.T. 0.01 min

Lab File: VX006363.D

Acq: 10 Dec 2018 12:12

Instrument :

MSVOA_X

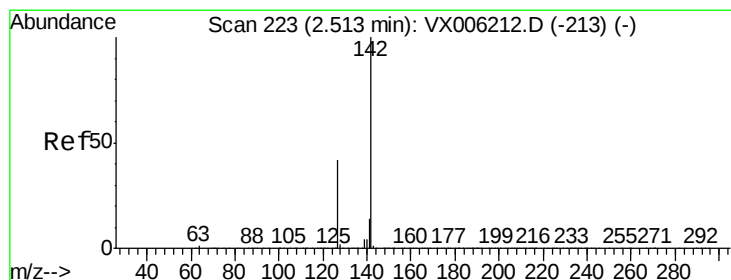
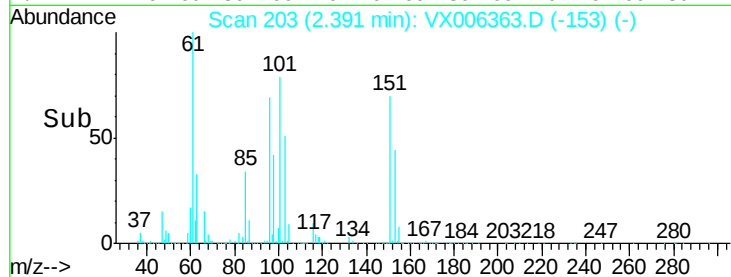
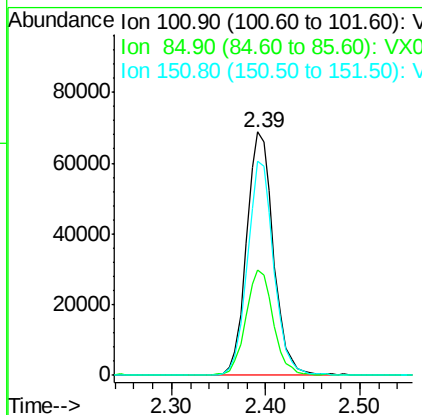
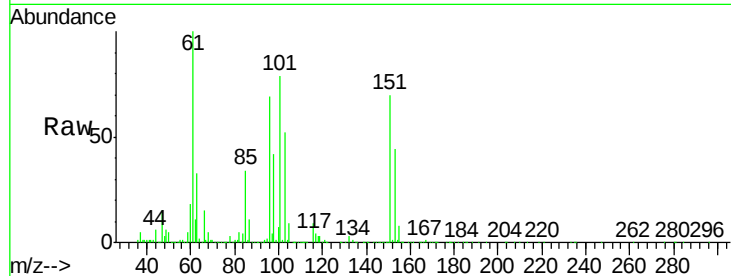
ClientSampleId :

VX1210WBS01

Tot Ion:	101	Resp:	137466
Ion Ratio	Lower	Upper	
101	100		
85	44.3	35.5	53.3
151	86.8	68.6	103.0

Manual Integrations
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12/11/2018 10:54:43 AM



#10

Methyl Iodide

Concen: 17.577 ug/l

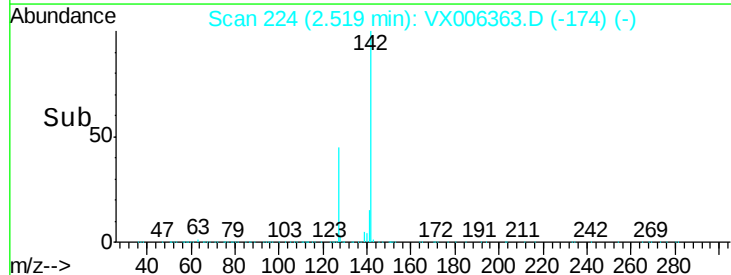
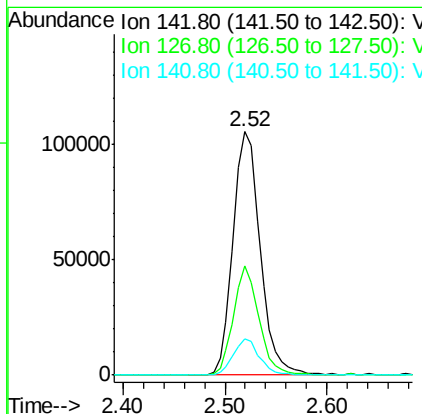
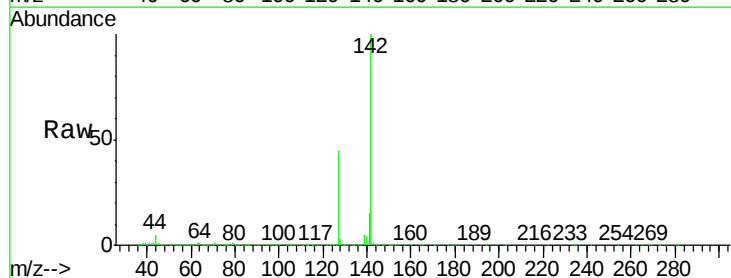
RT: 2.52 min Scan# 224

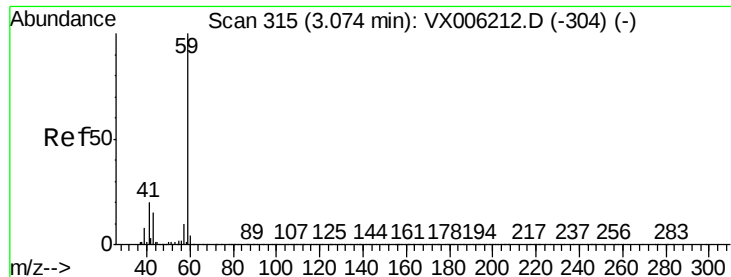
Delta R.T. 0.01 min

Lab File: VX006363.D

Acq: 10 Dec 2018 12:12

Tgt Ion:	142	Resp:	194720
Ion Ratio	Lower	Upper	
142	100		
127	42.2	34.8	52.2
141	14.5	11.4	17.2





#11

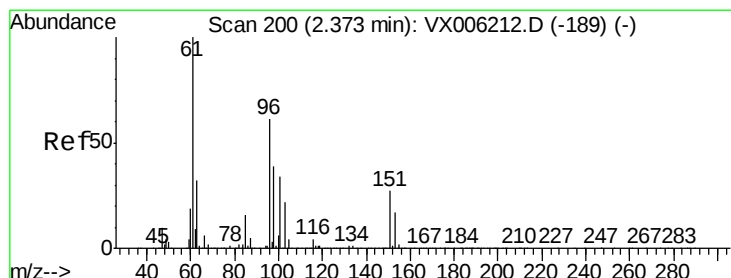
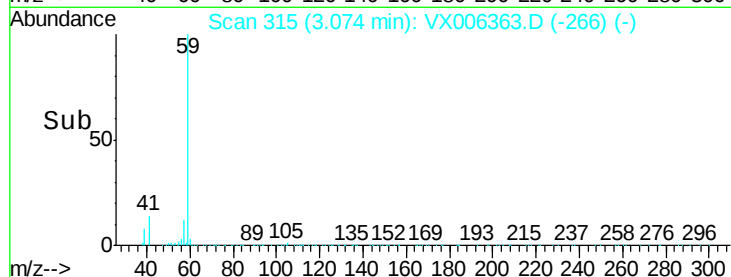
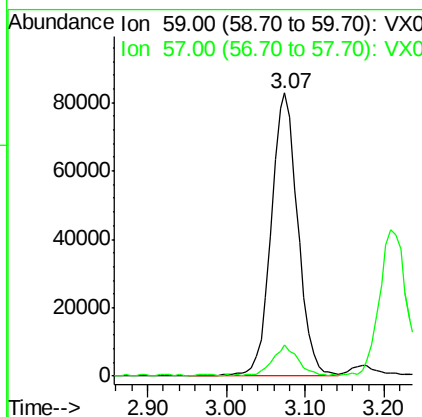
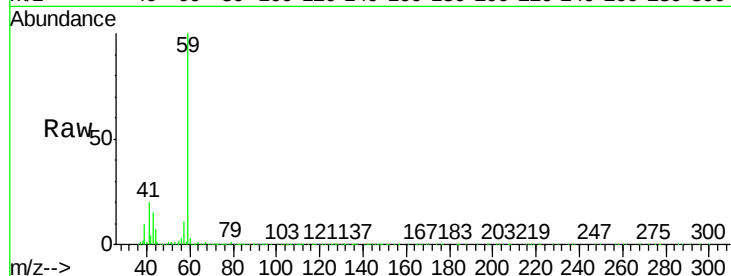
Tert butyl alcohol
Concen: 89.381 ug/l
RT: 3.07 min Scan# 315
Delta R.T. 0.00 min
Lab File: VX006363.D
Acq: 10 Dec 2018 12:12

Instrument :
MSVOA_X
ClientSampleId :
VX1210WBS01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
59	59	100	194053		
57	57	10.0		8.2	12.2

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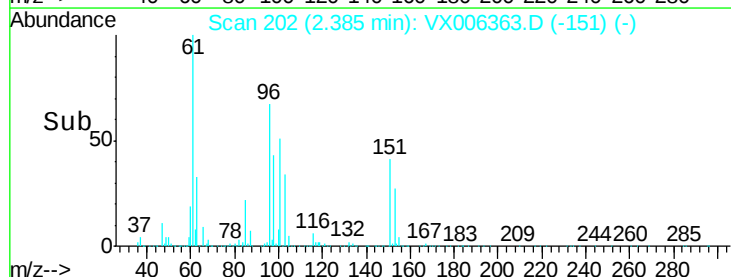
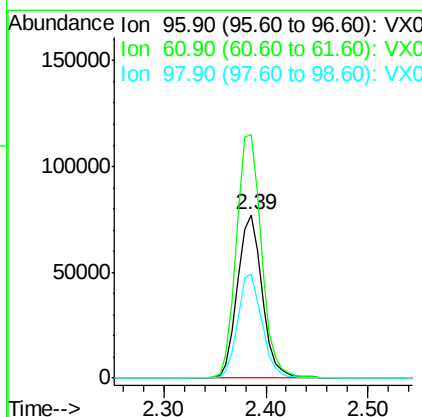
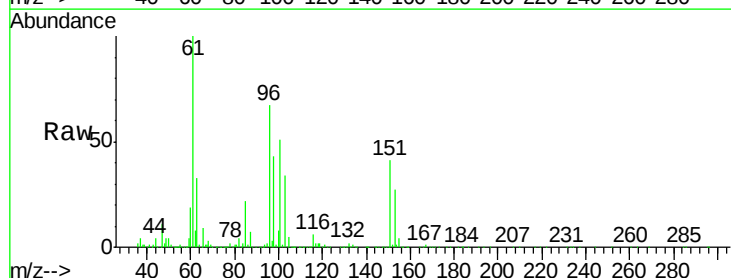
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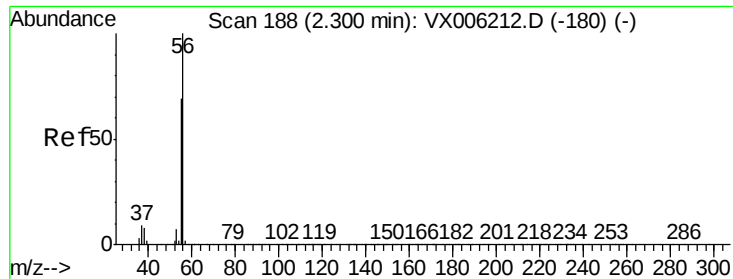


#12

1,1-Dichloroethene
Concen: 18.173 ug/l
RT: 2.39 min Scan# 202
Delta R.T. 0.01 min
Lab File: VX006363.D
Acq: 10 Dec 2018 12:12

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
96	96	100	127882		
61	61	149.0		131.7	197.5
98	98	63.7		51.8	77.6





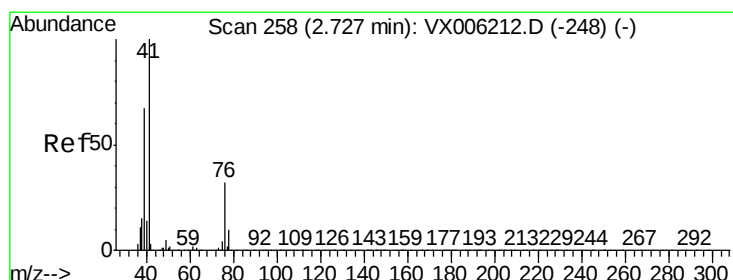
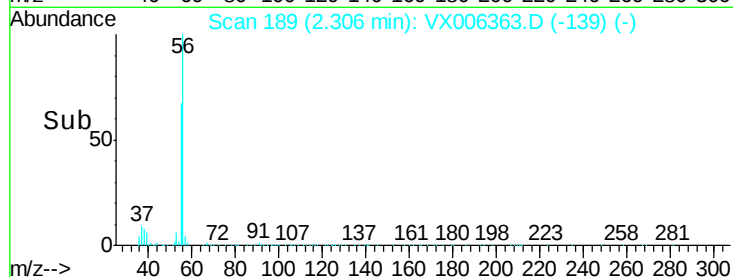
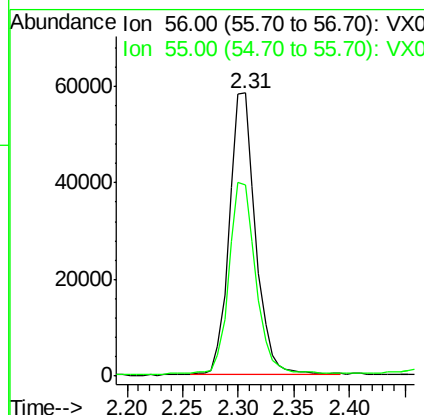
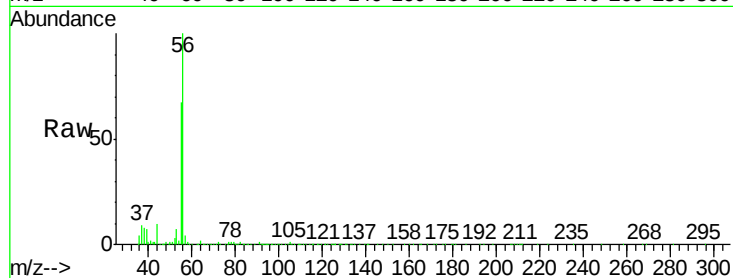
#13
Acrolein
Concen: 80.147 ug/l
RT: 2.31 min Scan# 189
Delta R.T. 0.01 min
Lab File: VX006363.D
Acq: 10 Dec 2018 12:12

Instrument :
MSVOA_X
ClientSampleId :
VX1210WBS01

Tot Ion	Ion	Ratio	Lower	Upper
56	56	100		
55	55	70.1	57.8	86.6

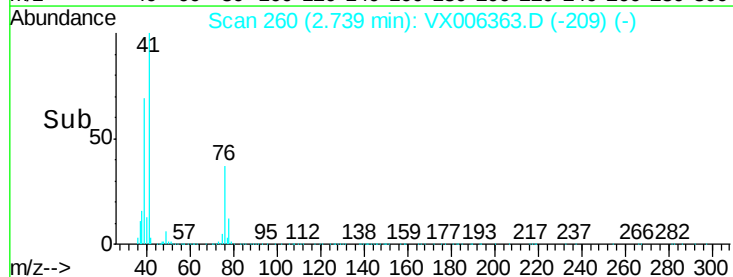
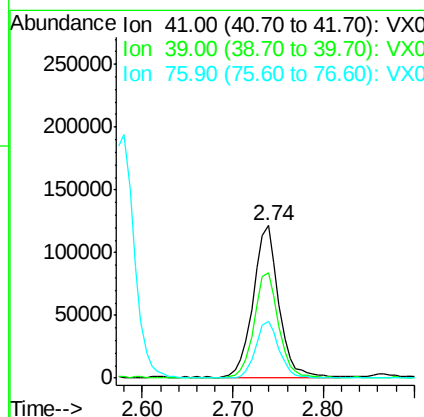
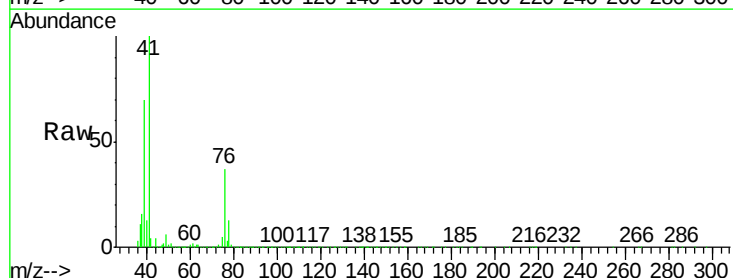
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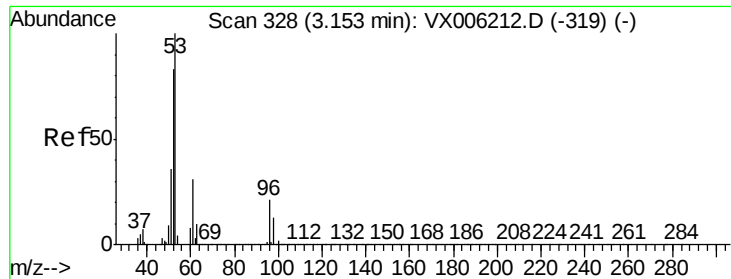
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#14
Allyl chloride
Concen: 16.980 ug/l
RT: 2.74 min Scan# 260
Delta R.T. 0.01 min
Lab File: VX006363.D
Acq: 10 Dec 2018 12:12

Tgt Ion	Ion	Ratio	Lower	Upper
41	41	100		
39	39	66.1	52.4	78.6
76	76	34.5	25.4	38.0





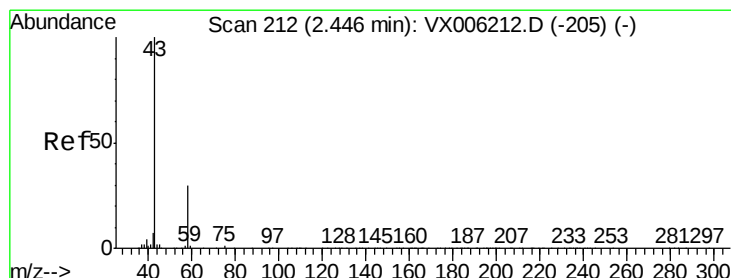
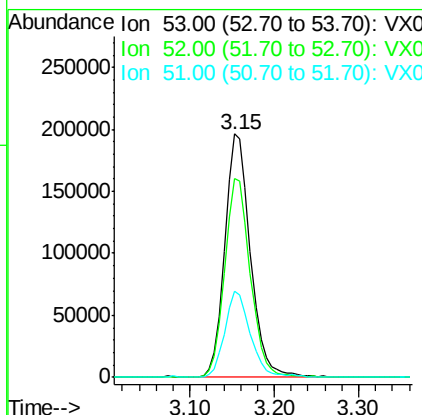
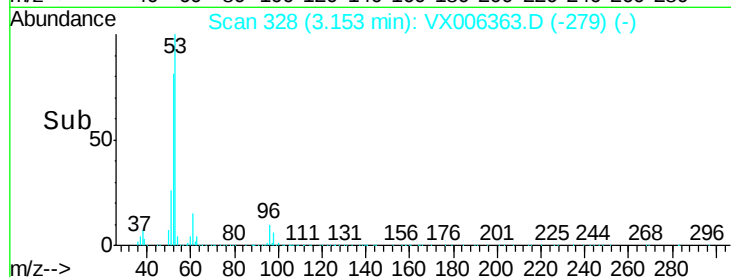
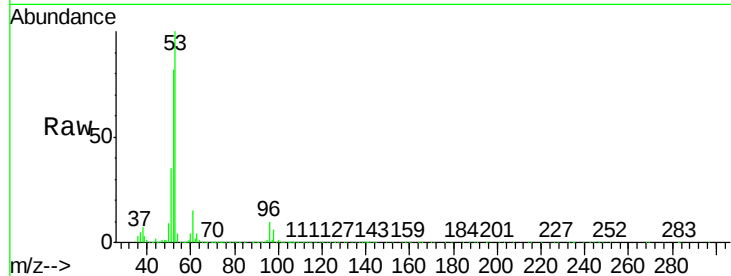
#15
 Acrylonitrile
 Concen: 89.529 ug/l
 RT: 3.15 min Scan# 328
 Delta R.T. 0.00 min
 Lab File: VX006363.D
 Acq: 10 Dec 2018 12:12

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1210WBS01

Tot Ion:	53	Resp:	405614
Ion Ratio		Lower	Upper
53	100		
52	82.3	66.2	99.4
51	35.2	28.7	43.1

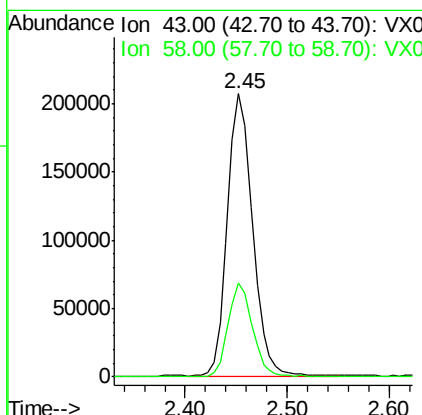
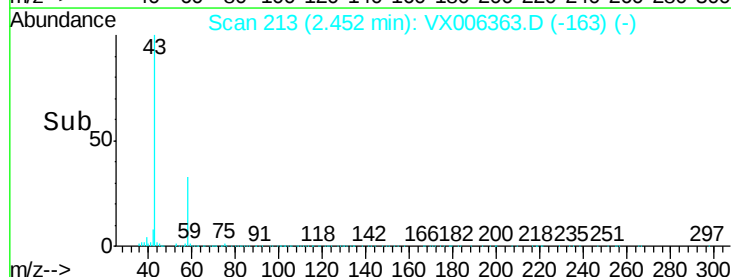
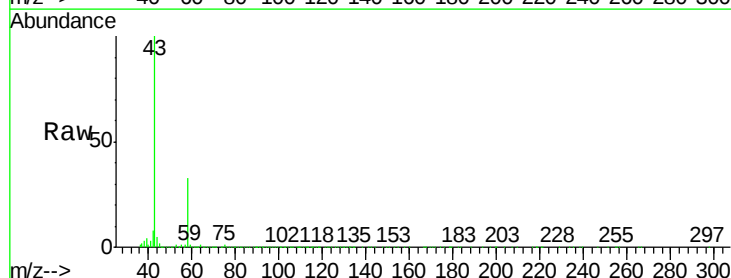
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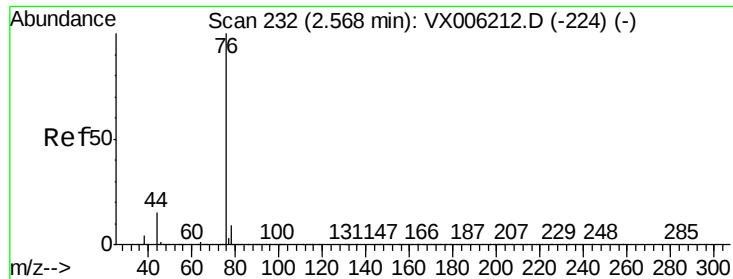
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#16
 Acetone
 Concen: 94.675 ug/l
 RT: 2.45 min Scan# 213
 Delta R.T. 0.01 min
 Lab File: VX006363.D
 Acq: 10 Dec 2018 12:12

Tgt Ion:	43	Resp:	352721
Ion Ratio		Lower	Upper
43	100		
58	33.4	24.0	36.0





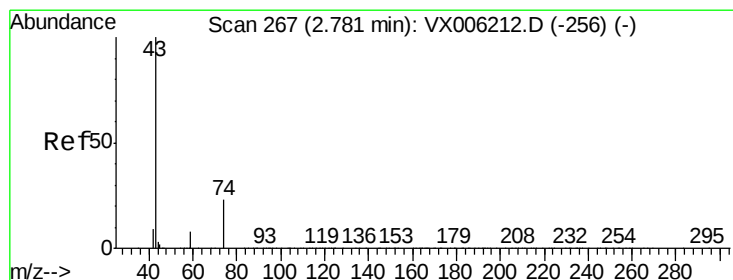
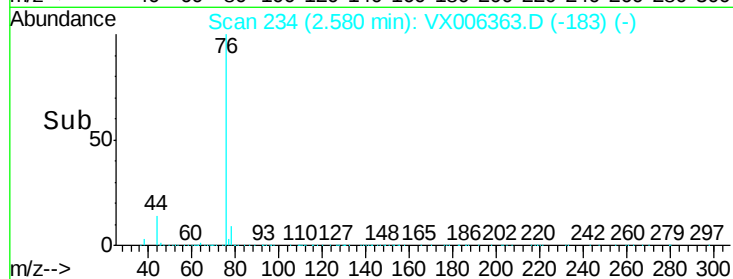
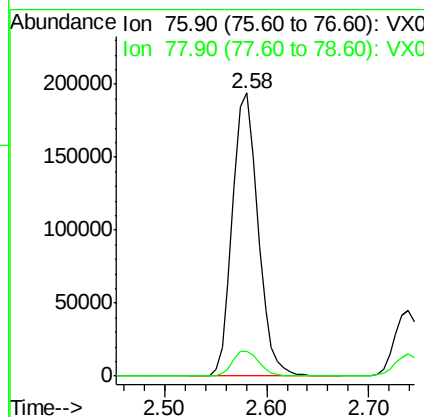
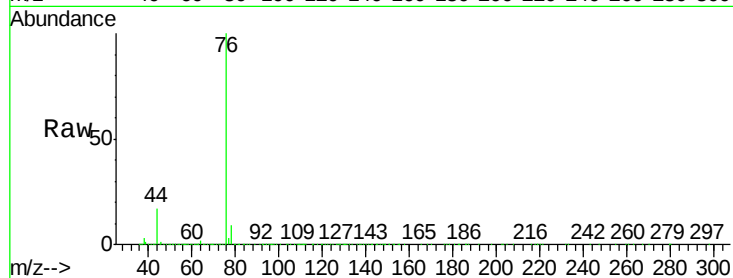
#17
Carbon Disulfide
Concen: 15.627 ug/l
RT: 2.58 min Scan# 234
Delta R.T. 0.01 min
Lab File: VX006363.D
Acq: 10 Dec 2018 12:12

Instrument :
MSVOA_X
ClientSampleId :
VX1210WBS01

Tot Ion	Ratio	Lower	Upper
76	100		
78	8.8	7.1	10.7

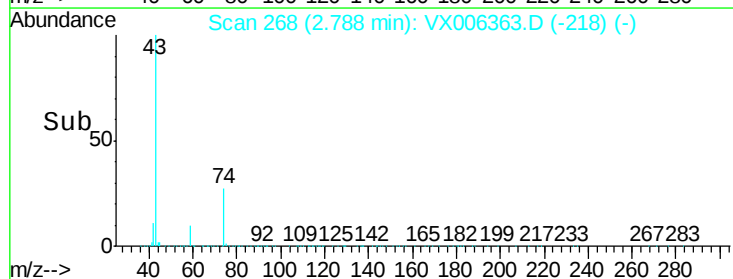
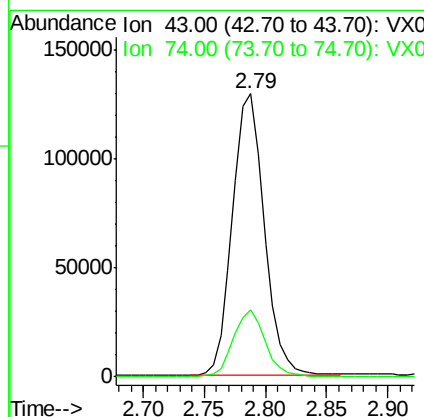
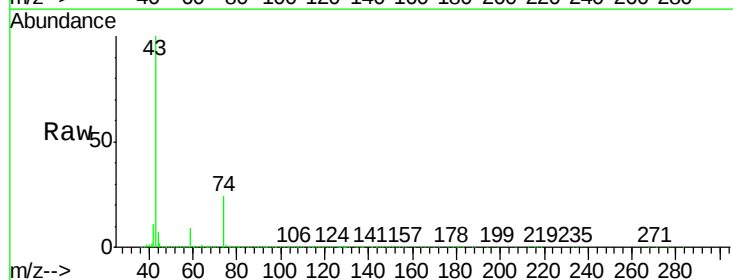
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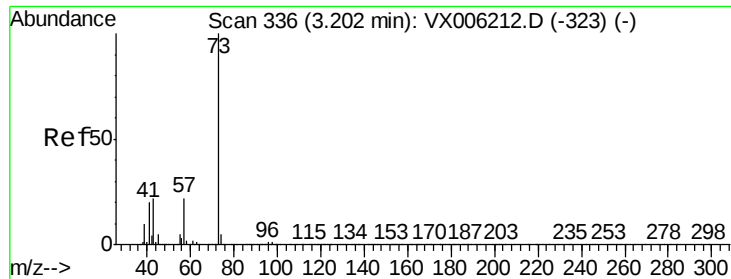
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#18
Methyl Acetate
Concen: 18.908 ug/l
RT: 2.79 min Scan# 268
Delta R.T. 0.01 min
Lab File: VX006363.D
Acq: 10 Dec 2018 12:12

Tgt Ion	Ratio	Lower	Upper
43	100		
74	23.6	17.9	26.9





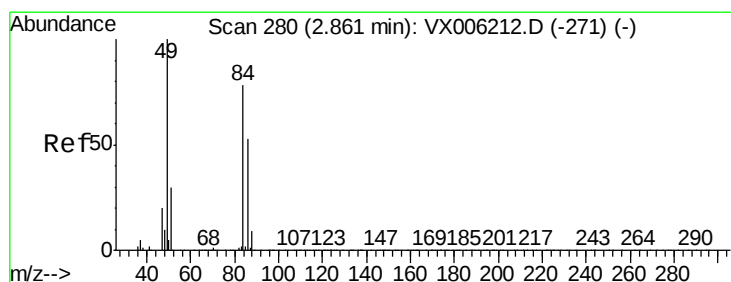
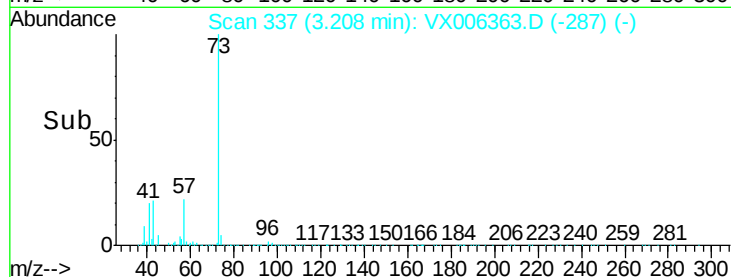
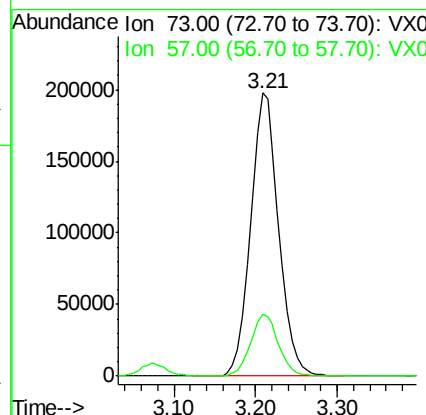
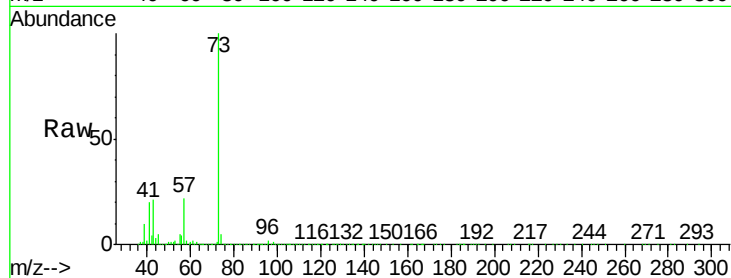
#19
Methvl tert-butvl Ether
Concen: 18.739 ug/l
RT: 3.21 min Scan# 337
Delta R.T. 0.01 min
Lab File: VX006363.D
Acq: 10 Dec 2018 12:12

Instrument :
MSVOA_X
ClientSampleId :
VX1210WBS01

Tot Ion	Ratio	Lower	Upper
73	100		
57	21.6	17.5	26.3

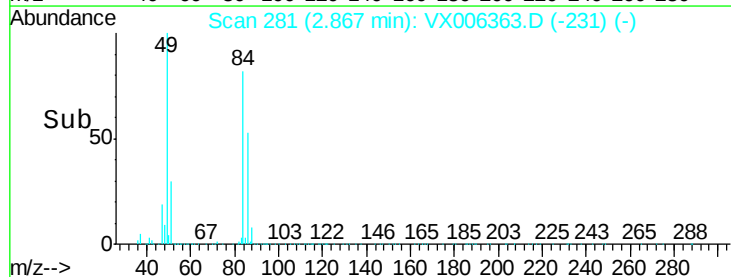
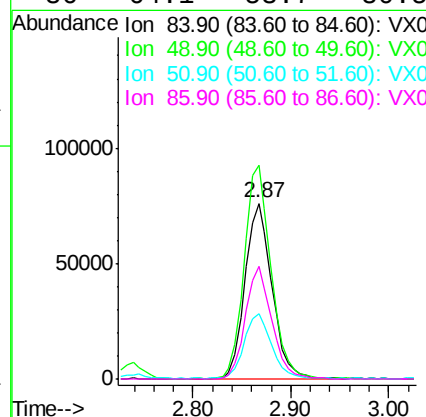
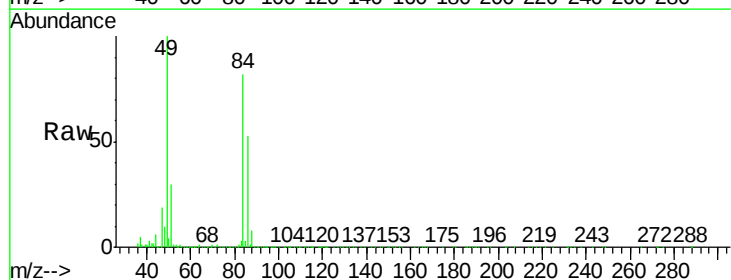
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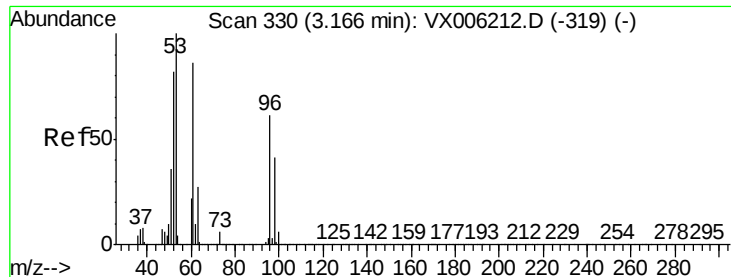
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#20
Methylene Chloride
Concen: 18.376 ug/l
RT: 2.87 min Scan# 281
Delta R.T. 0.01 min
Lab File: VX006363.D
Acq: 10 Dec 2018 12:12

Tgt Ion	Ratio	Lower	Upper
84	100		
49	121.2	102.2	153.4
51	36.4	31.1	46.7
86	64.1	53.7	80.5





#21

trans-1,2-Dichloroethene

Concen: 17.723 ug/l

RT: 3.17 min Scan# 331

Delta R.T. 0.01 min

Lab File: VX006363.D

Acq: 10 Dec 2018 12:12

Instrument :

MSVOA_X

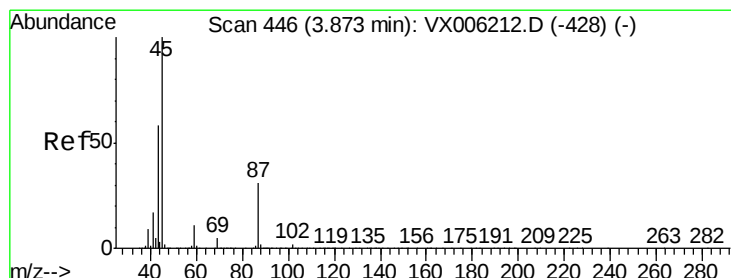
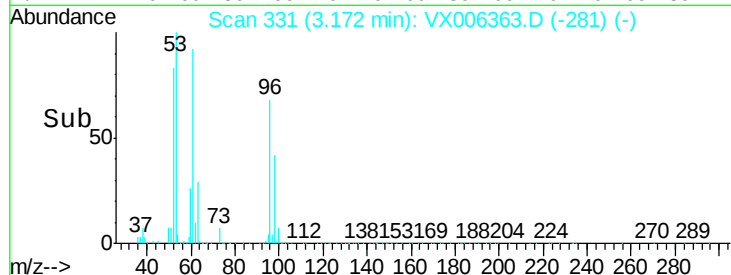
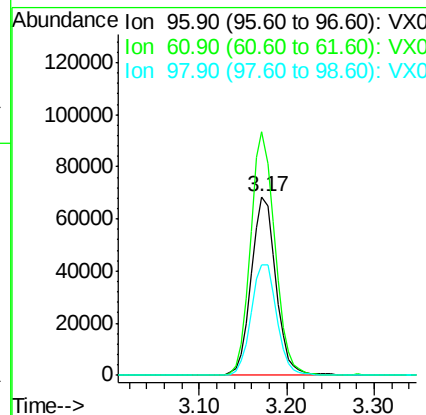
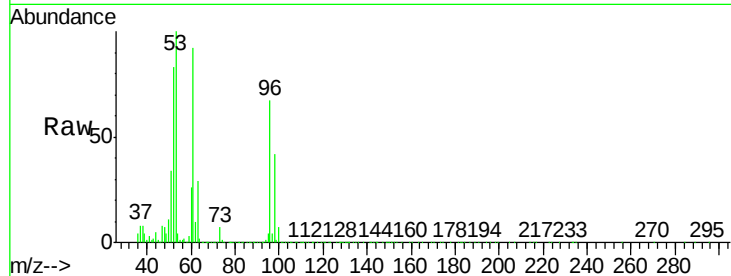
ClientSampleId :

VX1210WBS01

Tot Ion:	96	Resp:	132905
Ion	Ratio	Lower	Upper
96	100		
61	136.1	113.3	169.9
98	61.8	53.2	79.8

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#22

Diisopropyl ether

Concen: 19.223 ug/l

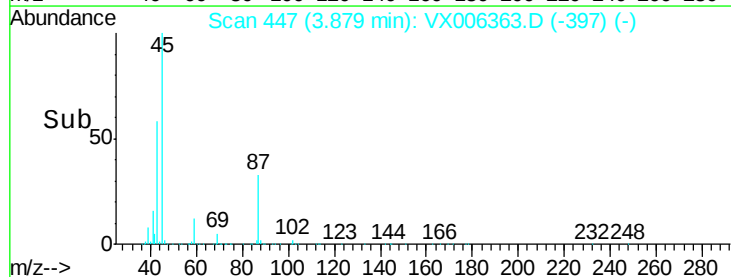
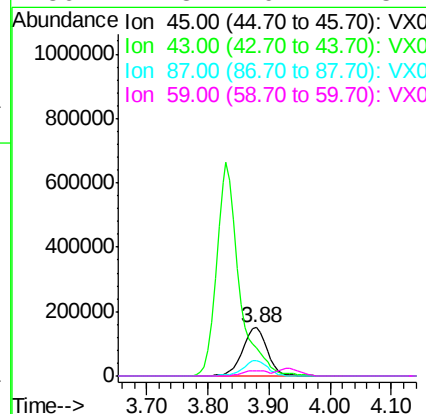
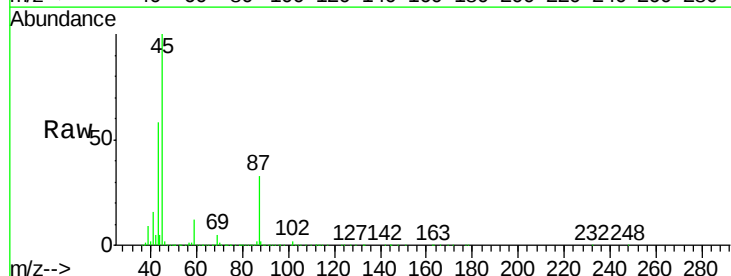
RT: 3.88 min Scan# 447

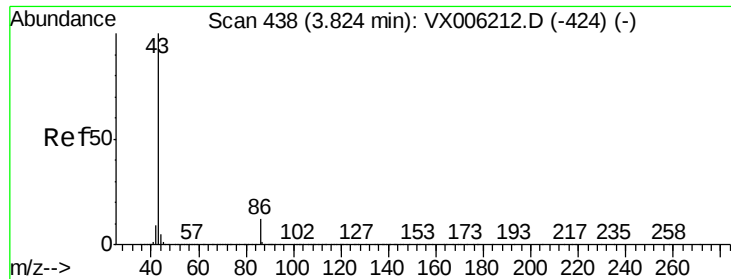
Delta R.T. 0.01 min

Lab File: VX006363.D

Acq: 10 Dec 2018 12:12

Tgt Ion:	45	Resp:	417370
Ion	Ratio	Lower	Upper
45	100		
43	57.2	46.2	69.2
87	33.2	24.9	37.3
59	11.8	9.1	13.7





#23

Vinyl Acetate

Concen: 92.968 ug/l

RT: 3.83 min Scan# 439

Delta R.T. 0.01 min

Lab File: VX006363.D

Acq: 10 Dec 2018 12:12

Tot Ion: 43 Resp: 1721630

Ion Ratio Lower Upper

43 100

86 12.3 9.4 14.0

Instrument :

MSVOA_X

ClientSampleId :

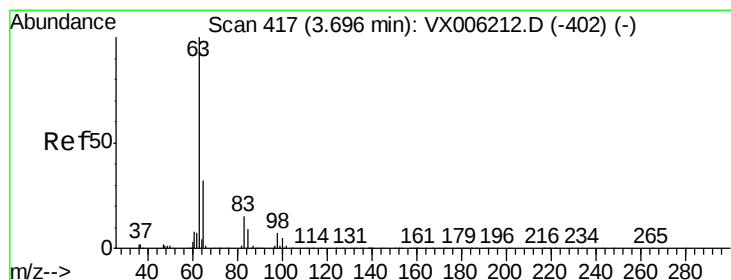
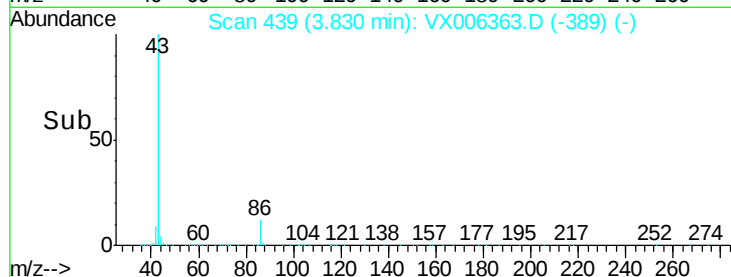
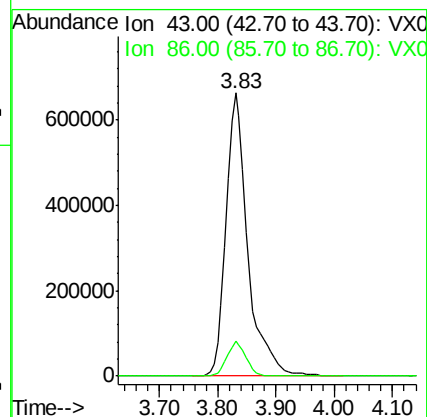
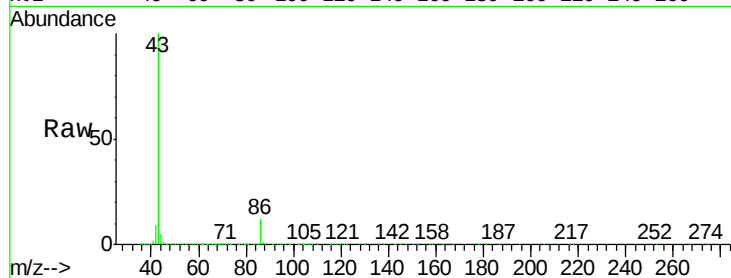
VX1210WBS01

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#24

1,1-Dichloroethane

Concen: 19.223 ug/l

RT: 3.70 min Scan# 418

Delta R.T. 0.01 min

Lab File: VX006363.D

Acq: 10 Dec 2018 12:12

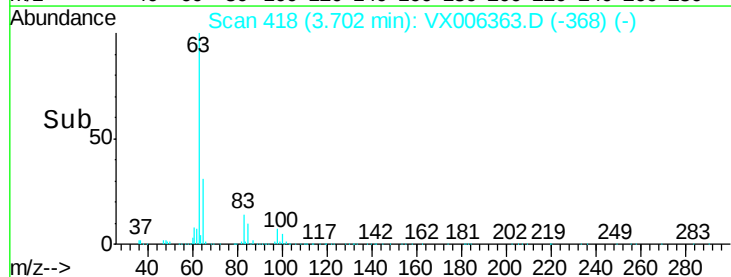
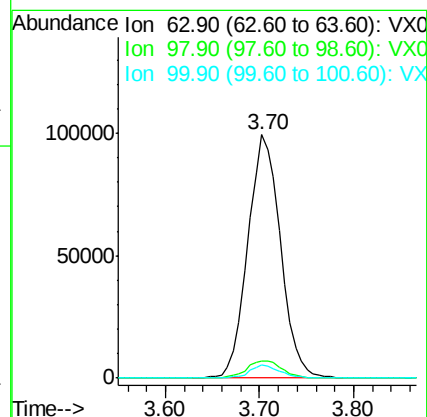
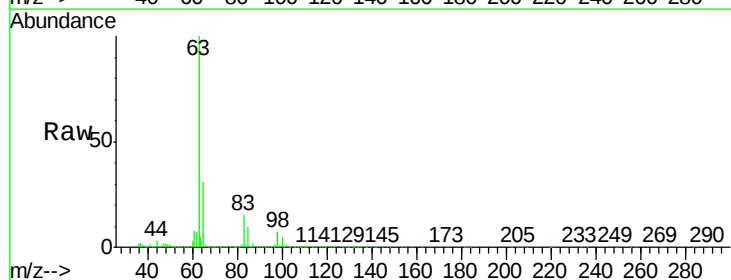
Tgt Ion: 63 Resp: 238556

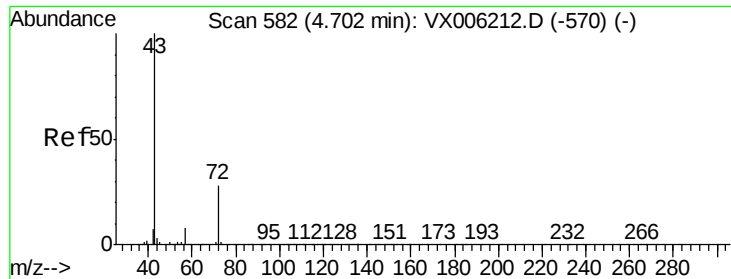
Ion Ratio Lower Upper

63 100

98 6.8 3.8 11.4

100 5.1 2.5 7.4





#25

2-Butanone

Concen: 95.370 ug/l

RT: 4.70 min Scan# 582

Delta R.T. 0.00 min

Lab File: VX006363.D

Acq: 10 Dec 2018 12:12

Instrument :

MSVOA_X

ClientSampleId :

VX1210WBS01

Tot Ion: 43 Resp: 506979

Ion Ratio Lower Upper

43 100

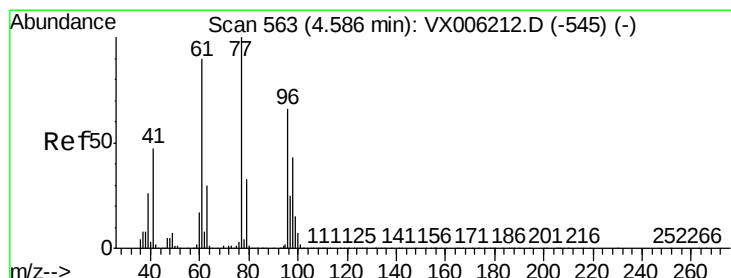
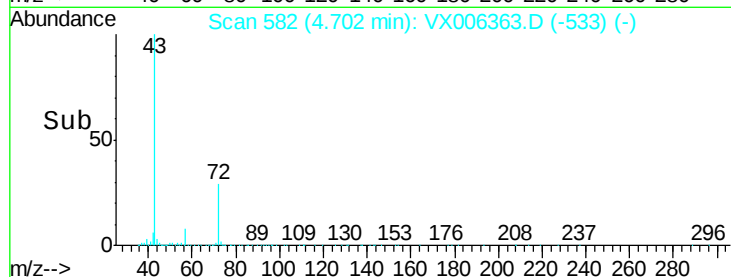
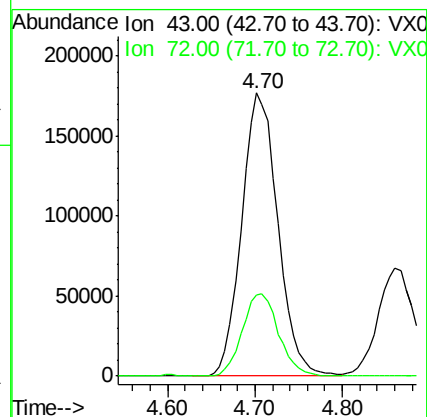
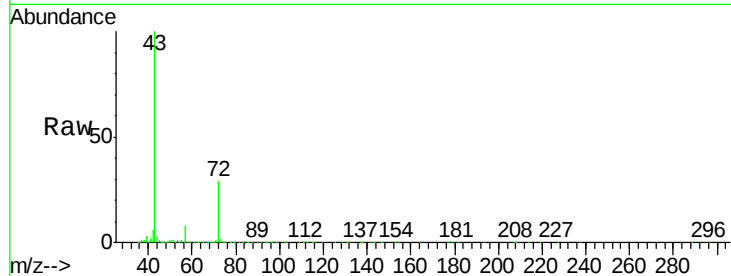
72 28.5 22.6 33.8

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#26

2,2-Dichloropropane

Concen: 19.168 ug/l

RT: 4.59 min Scan# 564

Delta R.T. 0.01 min

Lab File: VX006363.D

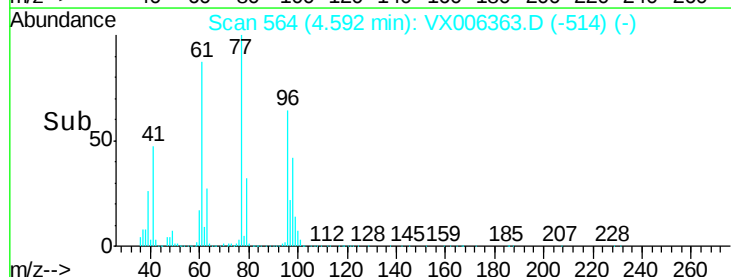
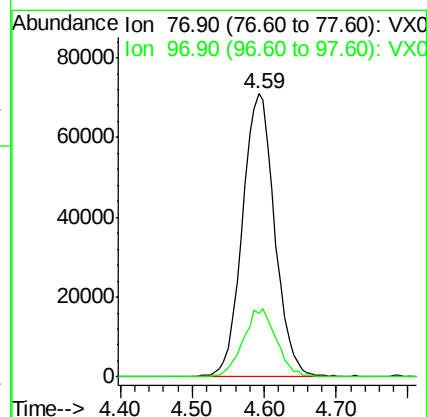
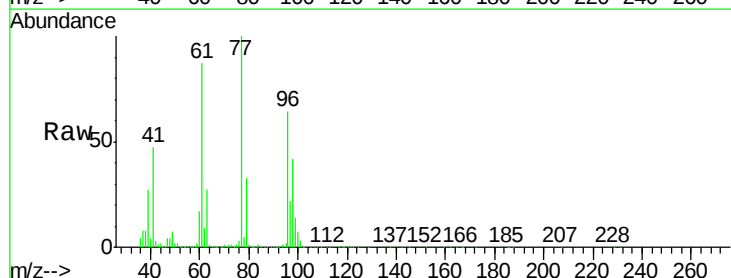
Acq: 10 Dec 2018 12:12

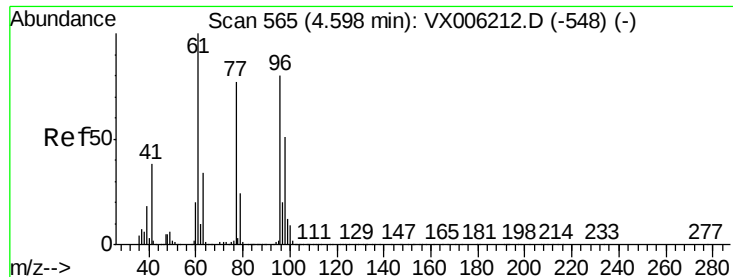
Tgt Ion: 77 Resp: 219534

Ion Ratio Lower Upper

77 100

97 24.9 12.3 36.8





#27

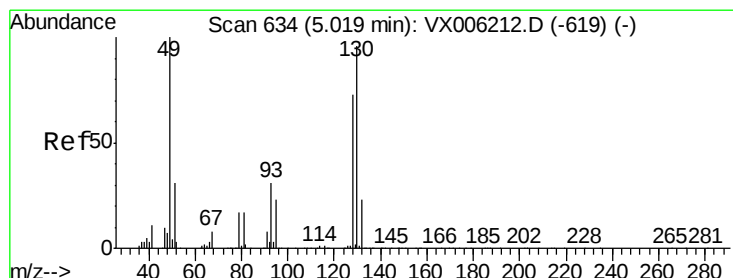
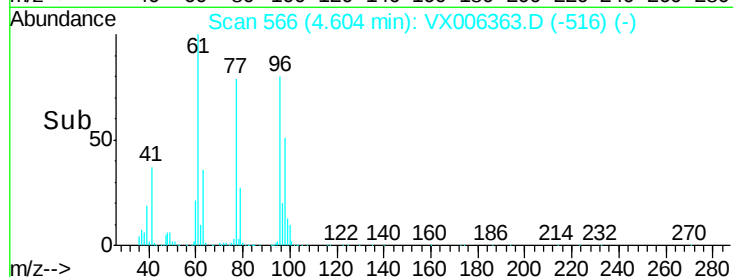
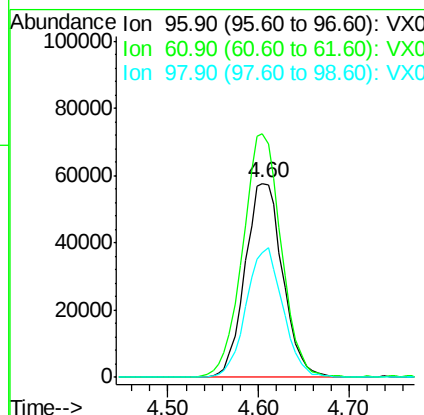
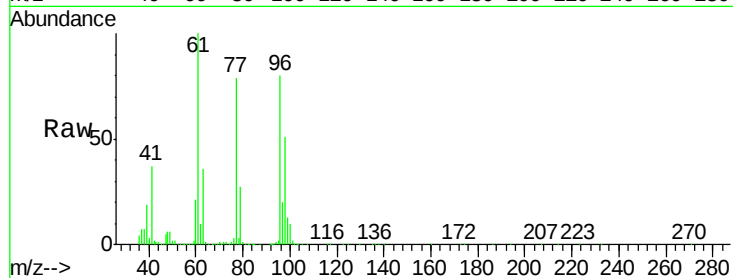
cis-1,2-Dichloroethene
Concen: 19.849 ug/l
RT: 4.60 min Scan# 566
Delta R.T. 0.01 min
Lab File: VX006363.D
Acq: 10 Dec 2018 12:12

Instrument :
MSVOA_X
ClientSampleId :
VX1210WBS01

Tot Ion	Ratio	Resp	Lower	Upper
96	100	166026		
61	128.3	0.0	265.0	
98	65.2	0.0	130.2	

Manual Integrations
APPROVED

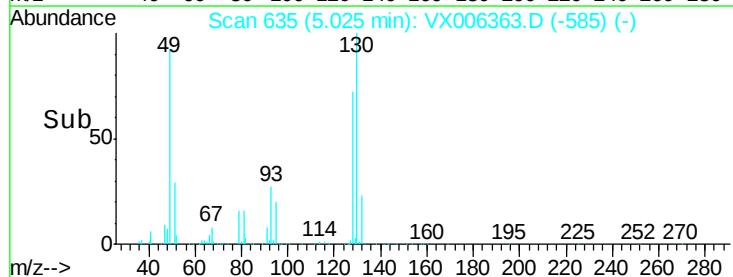
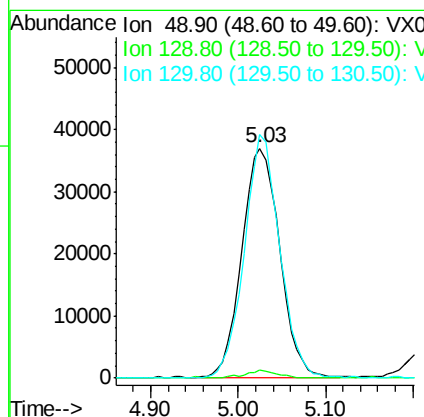
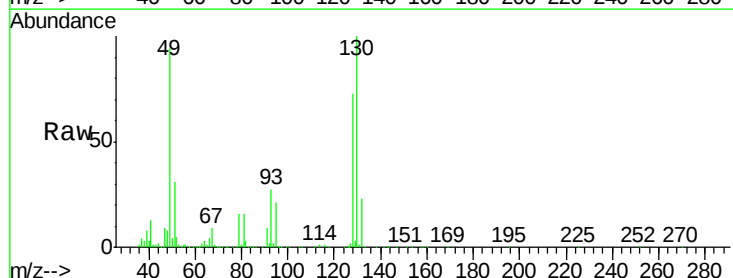
MMDadoda
12/11/2018 10:54:43 AM

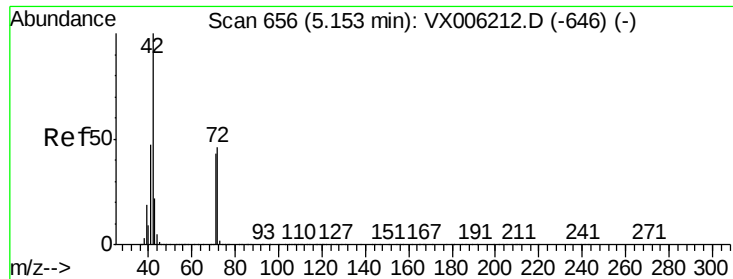


#28

Bromochloromethane
Concen: 20.459 ug/l
RT: 5.03 min Scan# 635
Delta R.T. 0.01 min
Lab File: VX006363.D
Acq: 10 Dec 2018 12:12

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	110900		
129	3.1	0.0	5.0	
130	99.3	78.3	117.5	





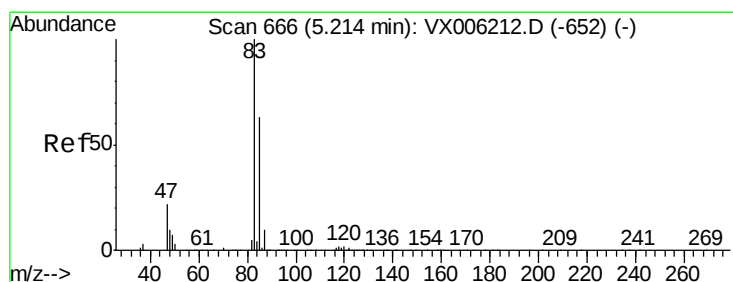
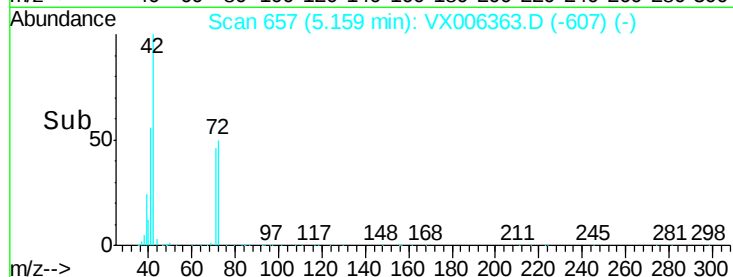
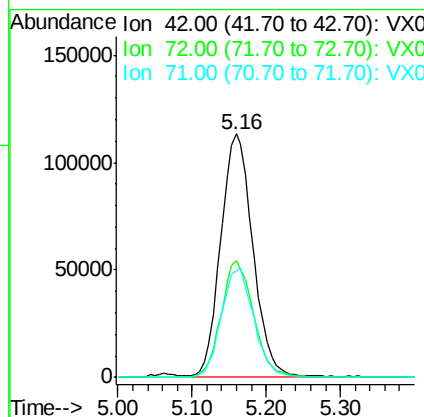
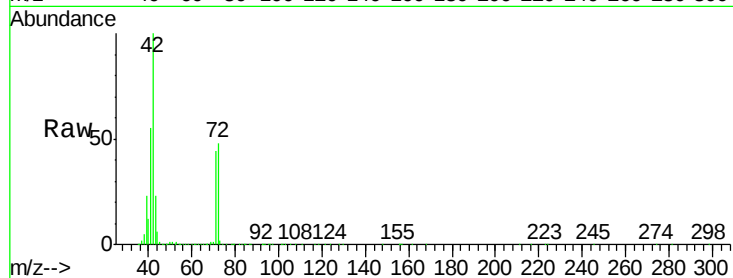
#29
Tetrahydrofuran
Concen: 91.627 ug/l
RT: 5.16 min Scan# 657
Delta R.T. 0.01 min
Lab File: VX006363.D
Acq: 10 Dec 2018 12:12

Instrument :
MSVOA_X
ClientSampleId :
VX1210WBS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	48.7	37.8	56.8
71	45.1	35.2	52.8

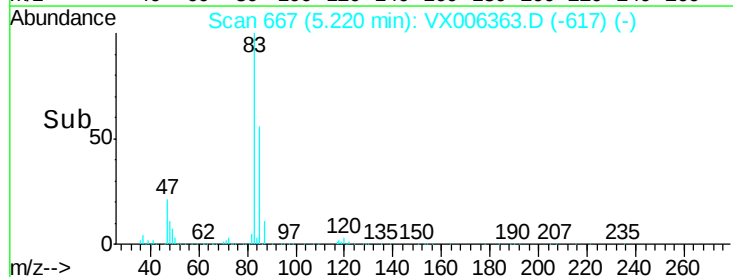
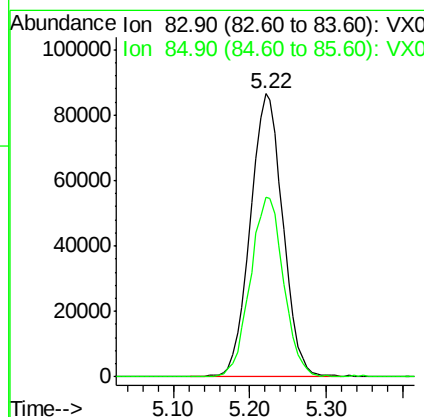
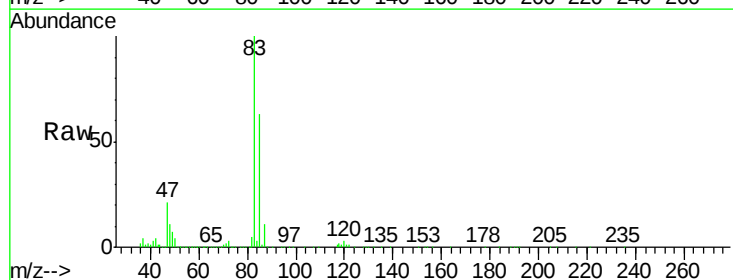
Manual Integrations
APPROVED

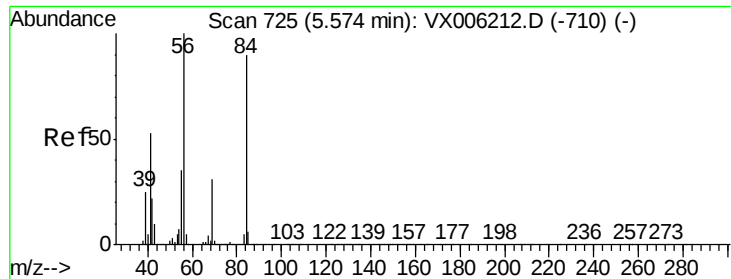
MMDadoda
12/11/2018 10:54:43 AM



#30
Chloroform
Concen: 19.723 ug/l
RT: 5.22 min Scan# 667
Delta R.T. 0.01 min
Lab File: VX006363.D
Acq: 10 Dec 2018 12:12

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.4	50.3	75.5





#31

Cyclohexane

Concen: 17.718 ug/l

RT: 5.58 min Scan# 726

Delta R.T. 0.01 min

Lab File: VX006363.D

Acq: 10 Dec 2018 12:12

Instrument :

MSVOA_X

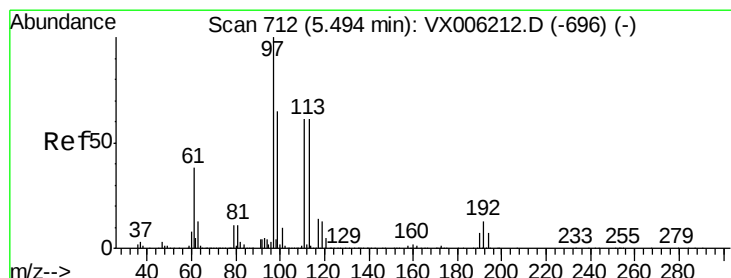
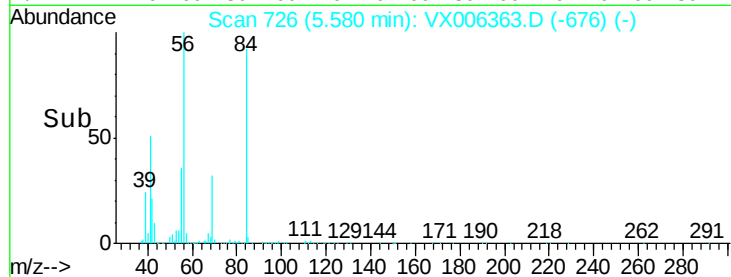
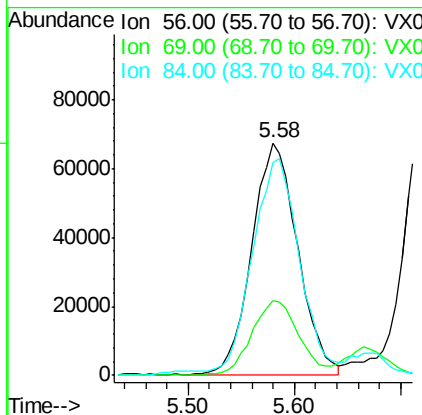
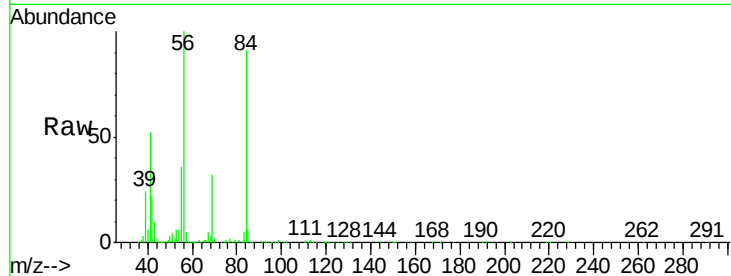
ClientSampleId :

VX1210WBS01

Tot Ion:	56	Resp:	203208
Ion Ratio		Lower	Upper
56	100		
69	32.1	24.5	36.7
84	89.8	71.8	107.6

Manual Integrations
APPROVED

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12/11/2018 10:54:43 AM



#32

1,1,1-Trichloroethane

Concen: 19.029 ug/l

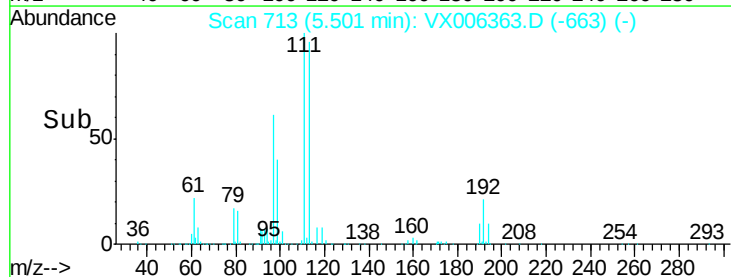
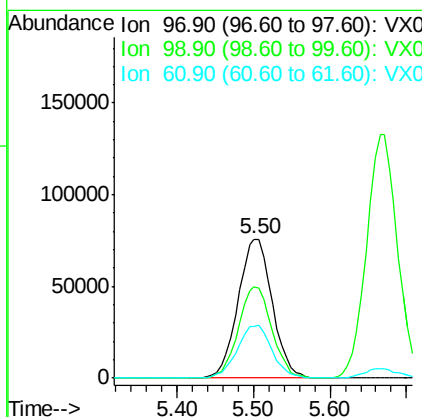
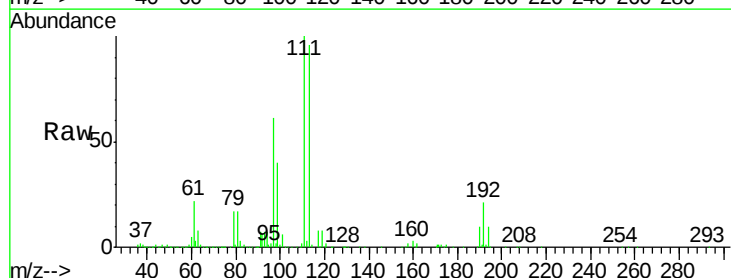
RT: 5.50 min Scan# 713

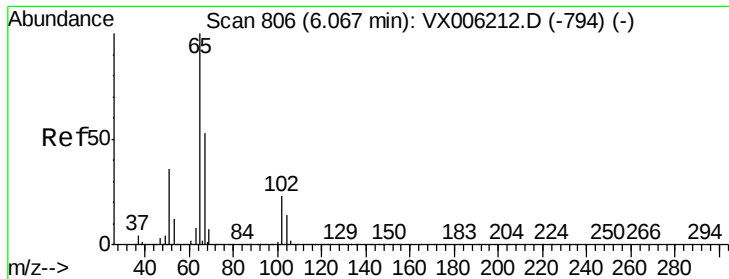
Delta R.T. 0.01 min

Lab File: VX006363.D

Acq: 10 Dec 2018 12:12

Tgt Ion:	97	Resp:	236125
Ion Ratio		Lower	Upper
97	100		
99	64.3	51.6	77.4
61	38.3	30.6	46.0





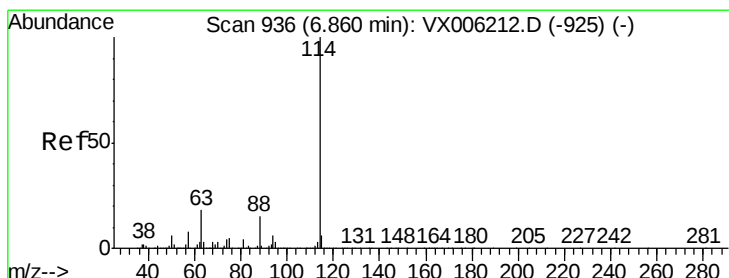
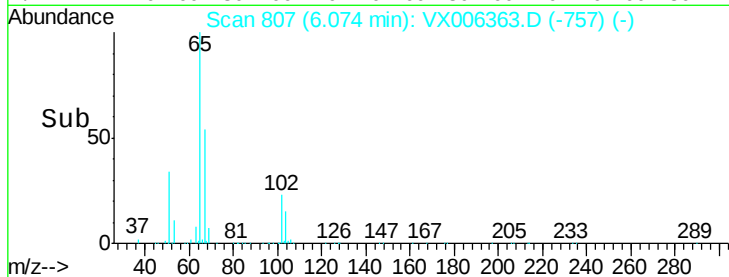
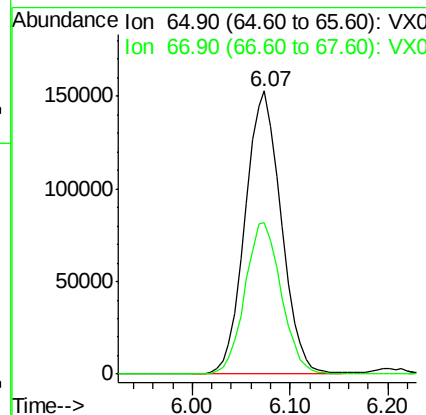
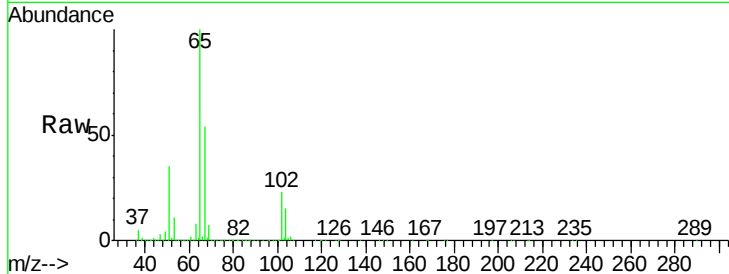
#33
 1,2-Dichloroethane-d4
 Concen: 49.203 ug/l
 RT: 6.07 min Scan# 807
 Delta R.T. 0.01 min
 Lab File: VX006363.D
 Acq: 10 Dec 2018 12:12

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1210WBS01

Tot Ion	Ratio	Resp	Lower	Upper
65	100	390613		
67	54.0	0.0	107.2	

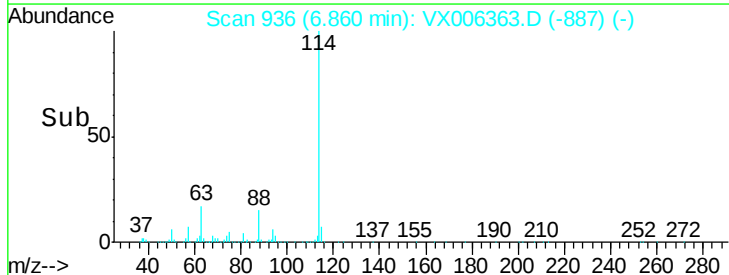
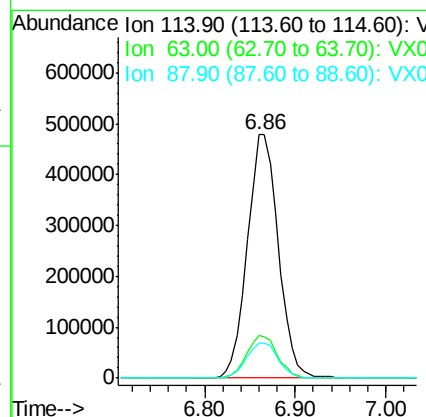
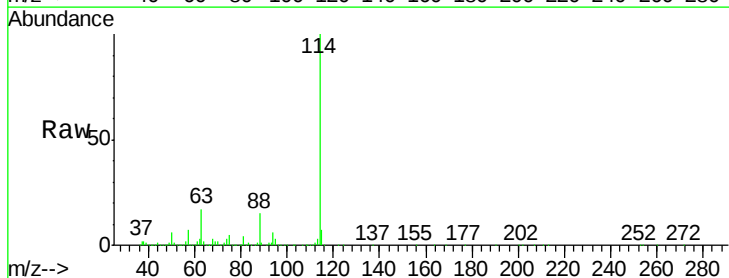
Manual Integrations
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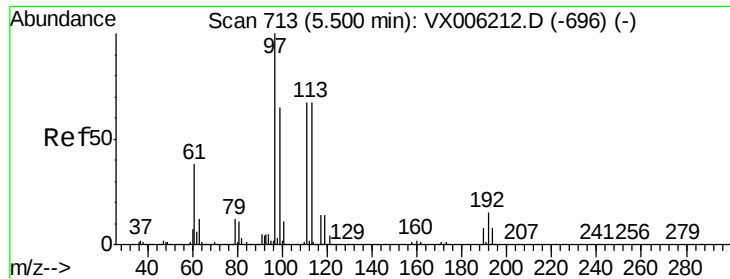
MMDadoda
 12/11/2018 10:54:43 AM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX006363.D
 Acq: 10 Dec 2018 12:12

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	1132088		
63	17.3	0.0	36.6	
88	14.6	0.0	29.0	





#35

Dibromofluoromethane

Concen: 51.748 ug/l

RT: 5.51 min Scan# 715

Delta R.T. 0.01 min

Lab File: VX006363.D

Acq: 10 Dec 2018 12:12

Instrument :

MSVOA_X

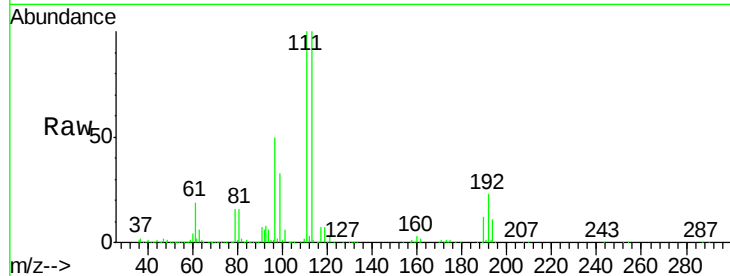
ClientSampleId :

VX1210WBS01

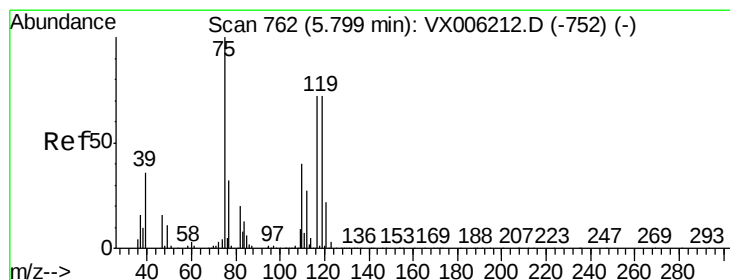
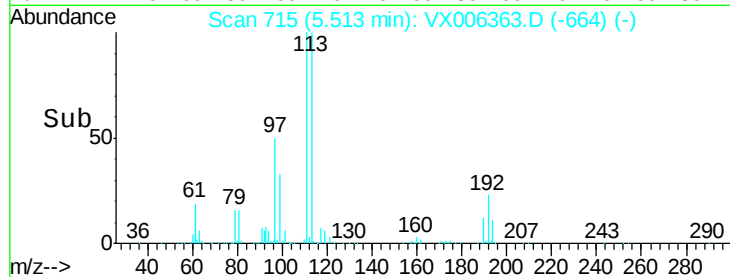
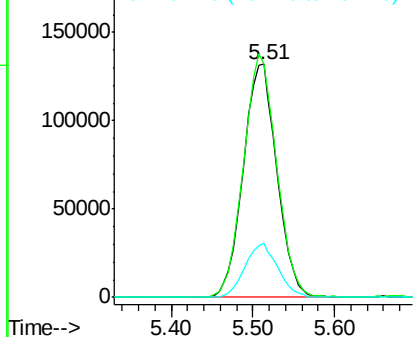
Tot Ion:	113	Resp:	379302
Ion Ratio	Lower	Upper	
113	100		
111	102.8	81.1	121.7
192	22.7	18.2	27.2

Manual Integrations
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Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 18.846 ug/l

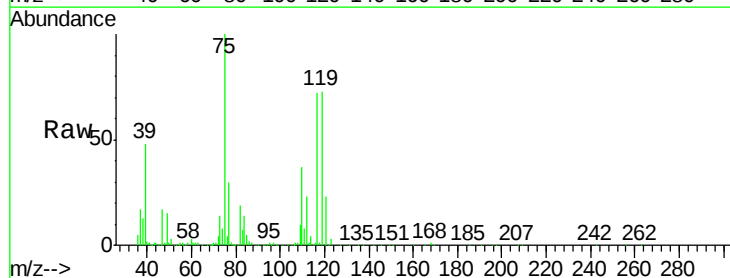
RT: 5.81 min Scan# 763

Delta R.T. 0.01 min

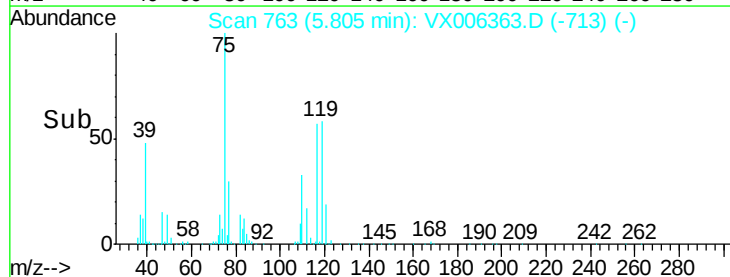
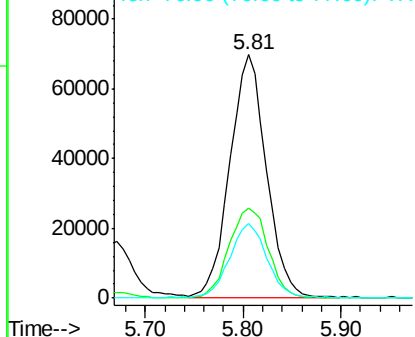
Lab File: VX006363.D

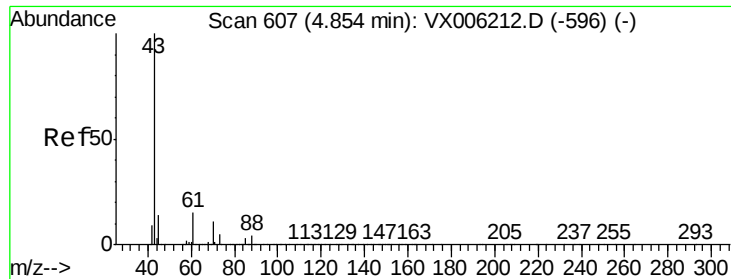
Acq: 10 Dec 2018 12:12

Tgt Ion:	75	Resp:	179661
Ion Ratio	Lower	Upper	
75	100		
110	40.2	20.4	61.3
77	31.2	24.9	37.3



Abundance Ion 74.90 (74.60 to 75.60): VX0
Ion 109.90 (109.60 to 110.60): V
Ion 76.90 (76.60 to 77.60): VX0





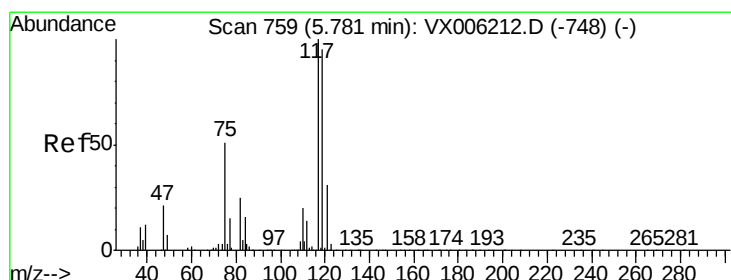
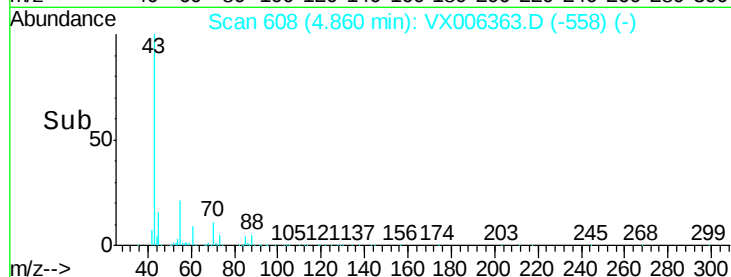
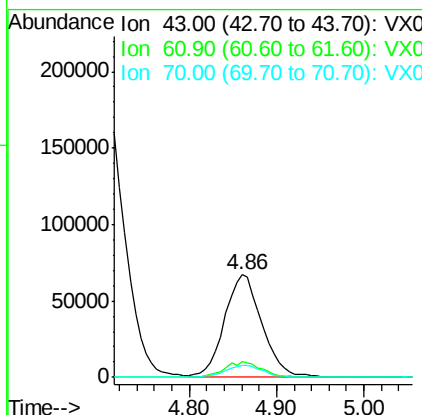
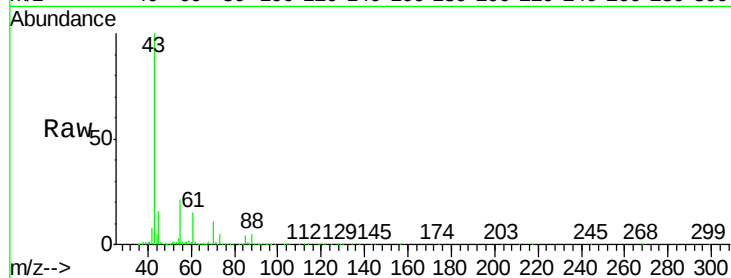
#37
Ethyl Acetate
Concen: 18.451 ug/l
RT: 4.86 min Scan# 608
Delta R.T. 0.01 min
Lab File: VX006363.D
Acq: 10 Dec 2018 12:12

Instrument :
MSVOA_X
ClientSampleId :
VX1210WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	15.1	11.5	17.3
70	12.1	9.0	13.6

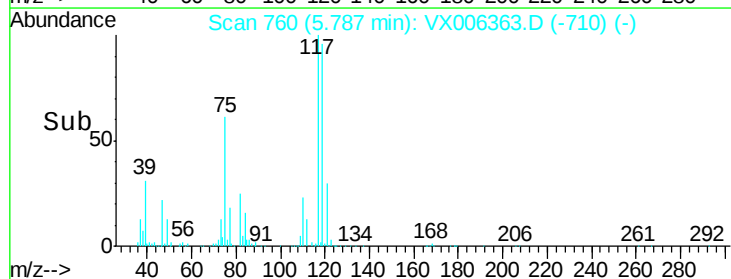
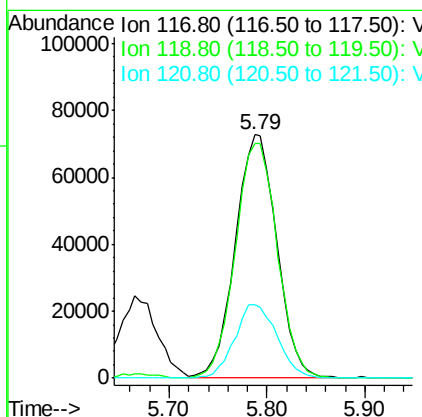
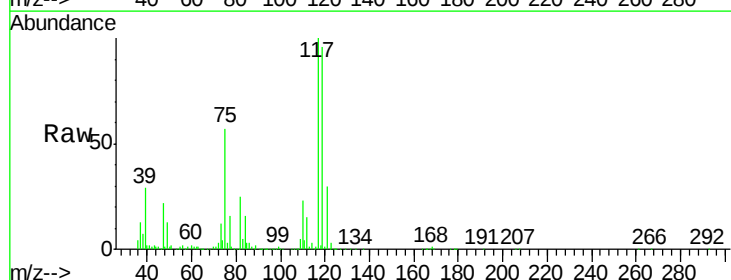
Manual Integrations
APPROVED

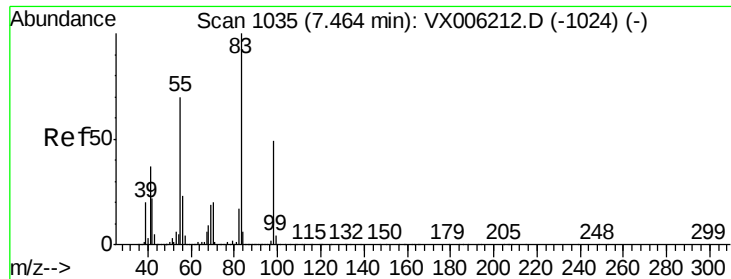
MMDadoda
12/11/2018 10:54:43 AM



#38
Carbon Tetrachloride
Concen: 19.097 ug/l
RT: 5.79 min Scan# 760
Delta R.T. 0.01 min
Lab File: VX006363.D
Acq: 10 Dec 2018 12:12

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.2	75.8	113.8
121	30.2	24.6	37.0





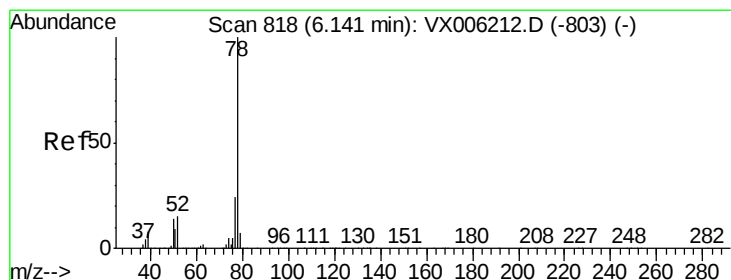
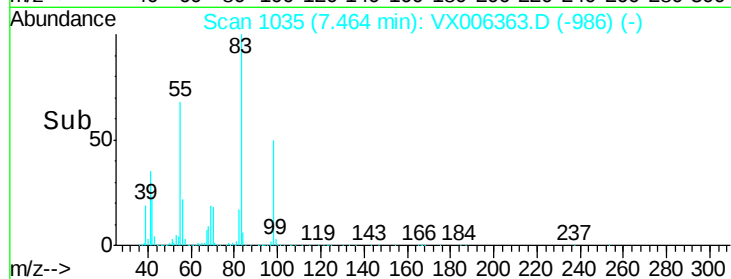
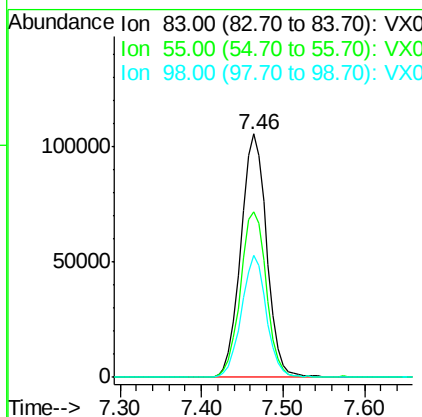
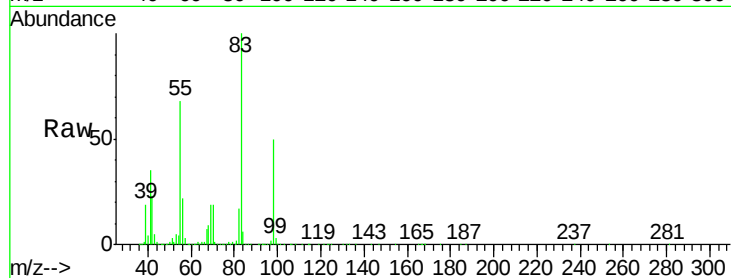
#39
Methvlcvclohexane
Concen: 18.608 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. 0.00 min
Lab File: VX006363.D
Acq: 10 Dec 2018 12:12

Instrument :
MSVOA_X
ClientSampleId :
VX1210WBS01

Tot Ion	Ratio	Resp	Lower	Upper
83	100	230267		
55	67.9		56.4	84.6
98	50.3		39.0	58.6

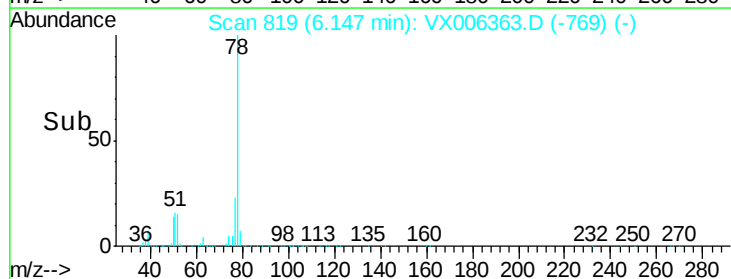
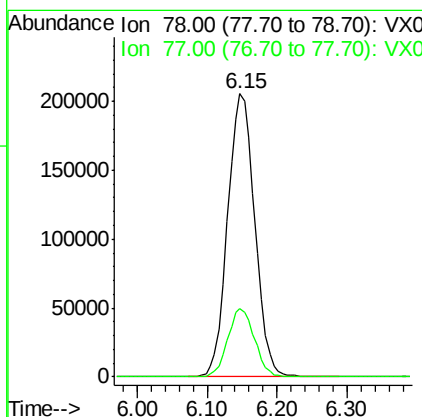
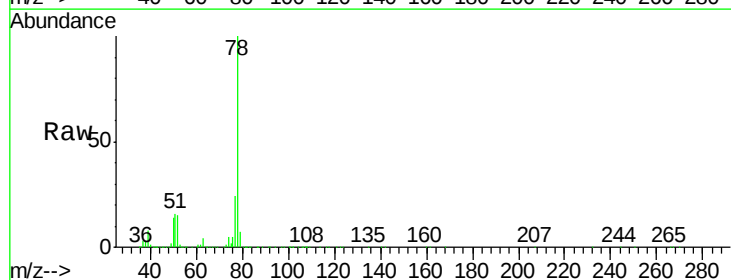
Manual Integrations
APPROVED

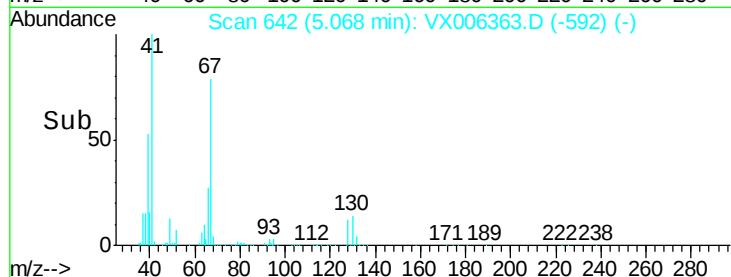
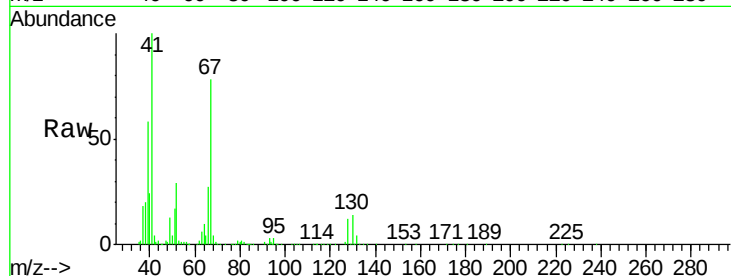
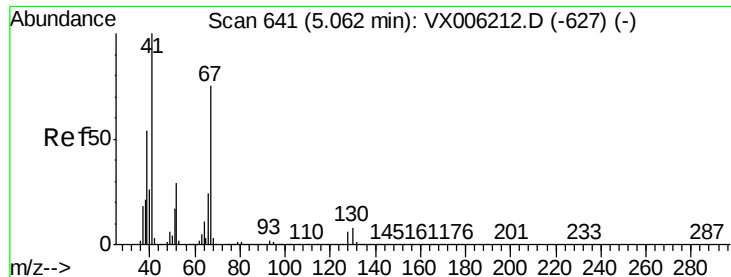
MMDadoda
12/11/2018 10:54:43 AM



#40
Benzene
Concen: 19.326 ug/l
RT: 6.15 min Scan# 819
Delta R.T. 0.01 min
Lab File: VX006363.D
Acq: 10 Dec 2018 12:12

Tgt Ion	Ratio	Resp	Lower	Upper
78	100	551820		
77	24.2		19.2	28.8





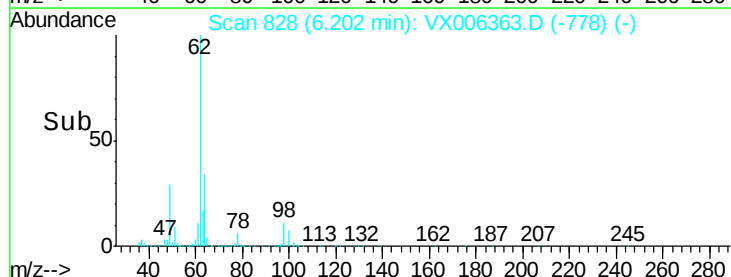
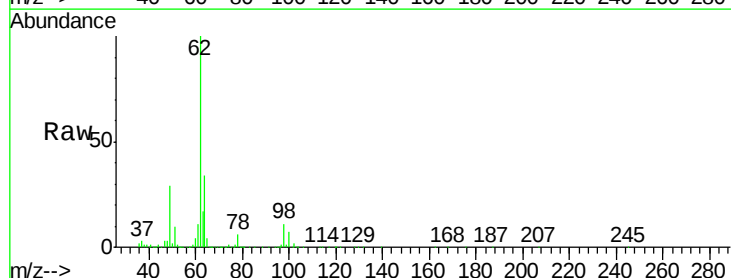
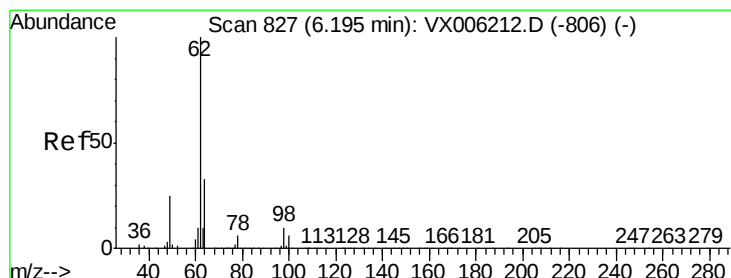
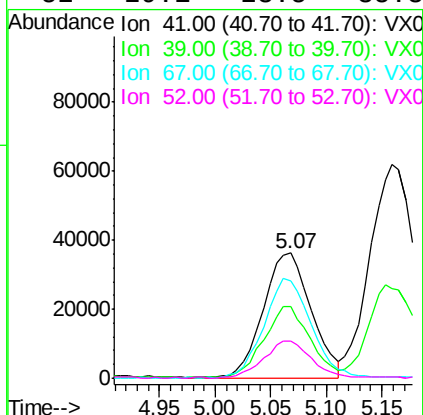
#41
Methacrylonitrile
Concen: 18.431 ug/l
RT: 5.07 min Scan# 642
Delta R.T. 0.01 min
Lab File: VX006363.D
Acq: 10 Dec 2018 12:12

Tot Ion	Ion	Ratio	Resp	Lower	Upper
41	100		108276		
39	54.3	44.0	66.0		
67	78.3	61.4	92.0		
52	29.1	23.5	35.3		

Instrument :
MSVOA_X
ClientSampleId :
VX1210WBS01

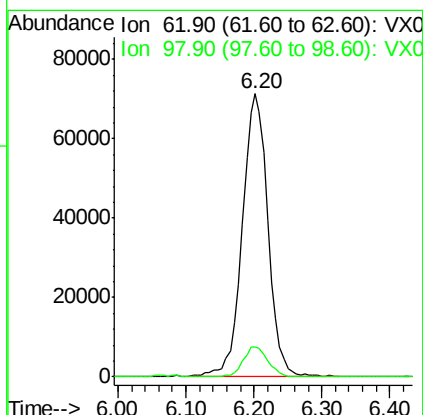
Manual Integrations
APPROVED

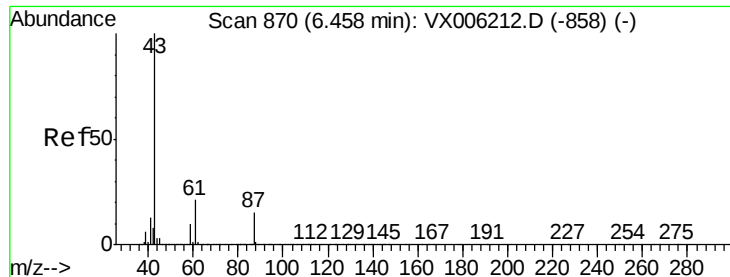
MMDadoda
12/11/2018 10:54:43 AM



#42
1,2-Dichloroethane
Concen: 19.736 ug/l
RT: 6.20 min Scan# 828
Delta R.T. 0.01 min
Lab File: VX006363.D
Acq: 10 Dec 2018 12:12

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
62	100		184435		
98	10.4	0.0	20.2		





#43

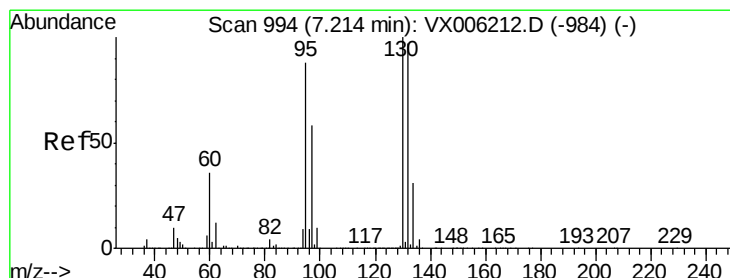
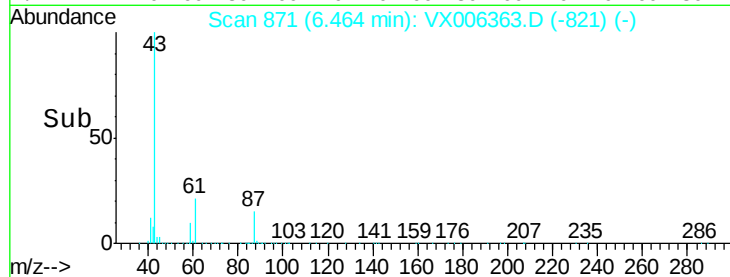
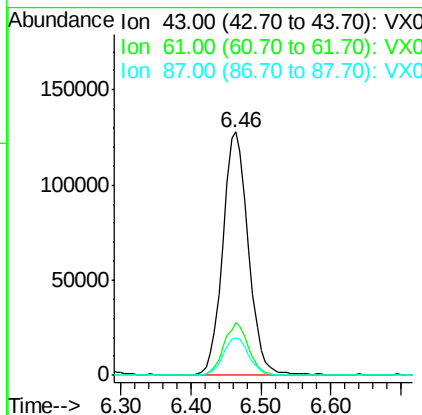
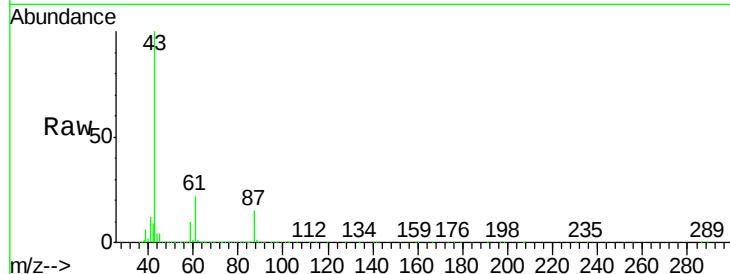
Isopropyl Acetate
 Concen: 18.058 ug/l
 RT: 6.46 min Scan# 871
 Delta R.T. 0.01 min
 Lab File: VX006363.D
 Acq: 10 Dec 2018 12:12

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1210WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	20.9	16.8	25.2
87	15.6	11.9	17.9

Manual Integrations
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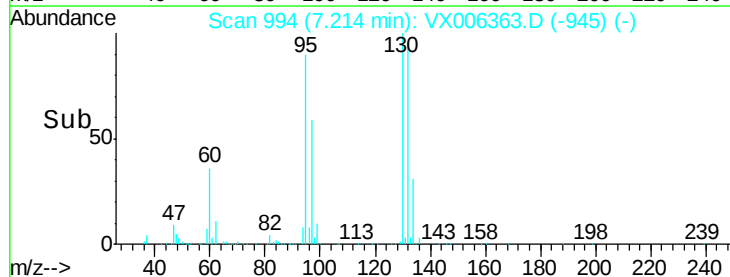
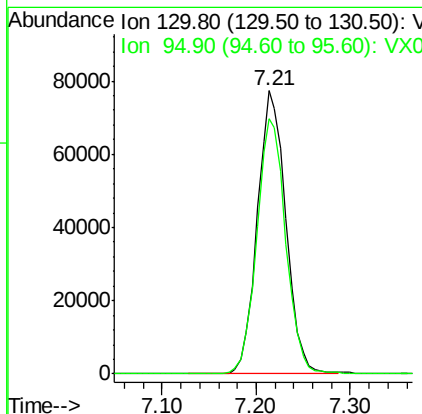
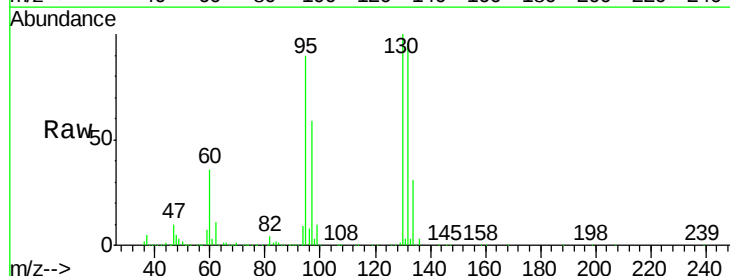
MMDadoda
 12/11/2018 10:54:43 AM



#44

Trichloroethene
 Concen: 19.017 ug/l
 RT: 7.21 min Scan# 994
 Delta R.T. 0.00 min
 Lab File: VX006363.D
 Acq: 10 Dec 2018 12:12

Tgt Ion	Ratio	Lower	Upper
130	100		
95	90.2	0.0	175.8





#45

1,2-Dichloropropane

Concen: 19.111 ug/l

RT: 7.52 min Scan# 1044

Delta R.T. 0.00 min

Lab File: VX006363.D

Acq: 10 Dec 2018 12:12

Instrument :

MSVOA_X

ClientSampleId :

VX1210WBS01

Tot Ion: 63 Resp: 138684

Ion Ratio Lower Upper

63 100

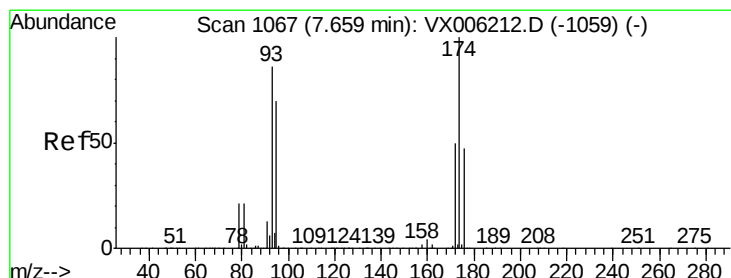
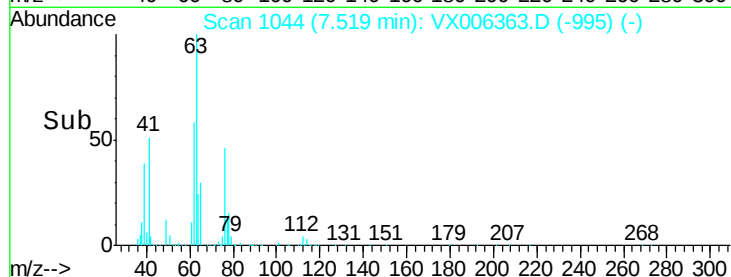
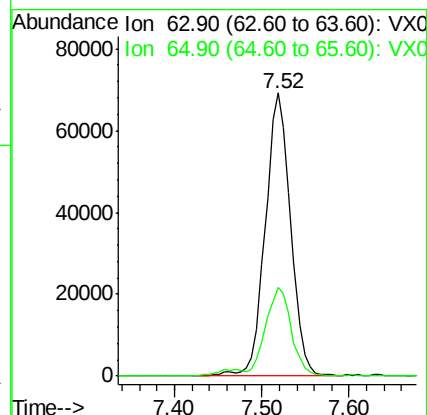
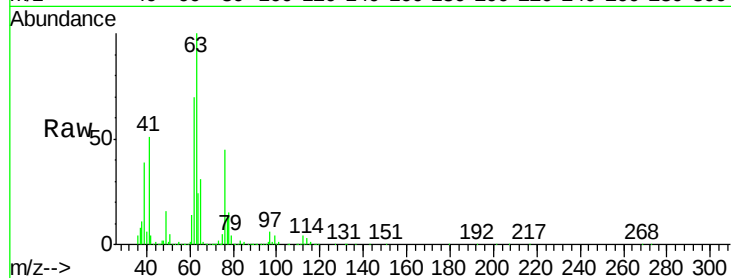
65 31.4 24.3 36.5

Manual Integrations

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12/11/2018 10:54:43 AM



#46

Dibromomethane

Concen: 19.577 ug/l

RT: 7.66 min Scan# 1068

Delta R.T. 0.01 min

Lab File: VX006363.D

Acq: 10 Dec 2018 12:12

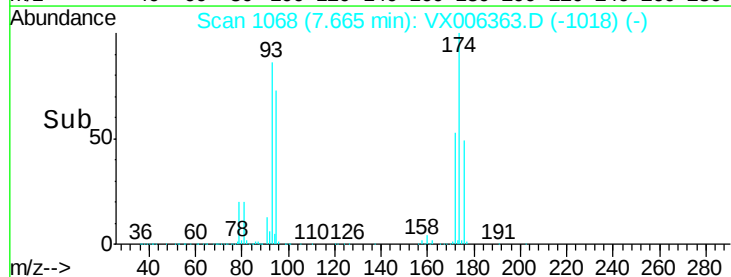
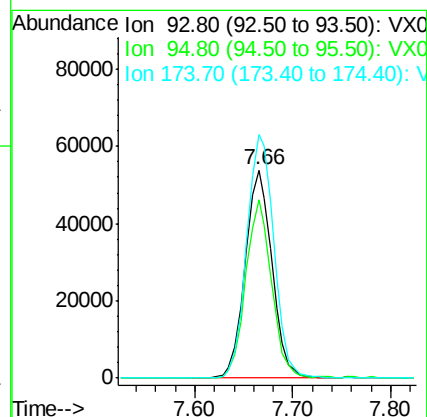
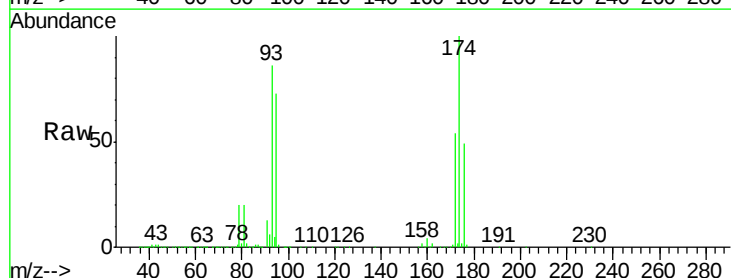
Tgt Ion: 93 Resp: 102603

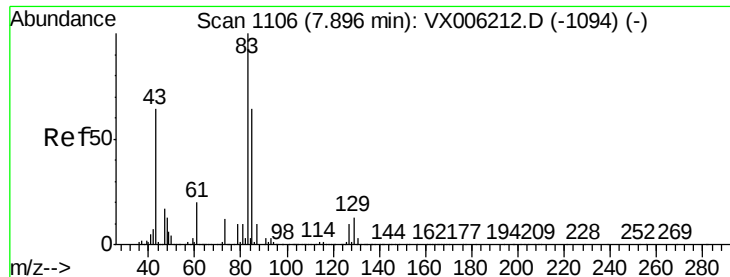
Ion Ratio Lower Upper

93 100

95 82.0 66.2 99.4

174 118.4 97.2 145.8





#47

Bromodichloromethane

Concen: 19.004 ug/l

RT: 7.90 min Scan# 1107

Delta R.T. 0.01 min

Lab File: VX006363.D

Acq: 10 Dec 2018 12:12

Instrument :

MSVOA_X

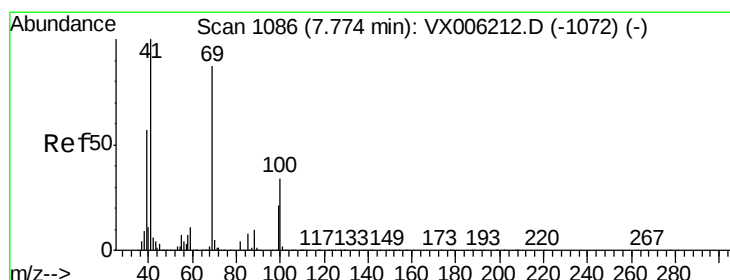
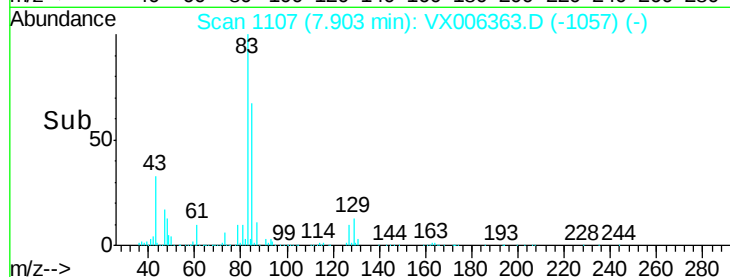
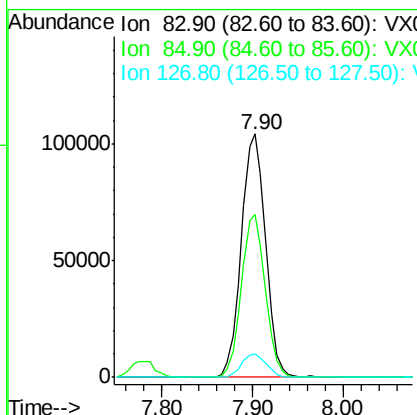
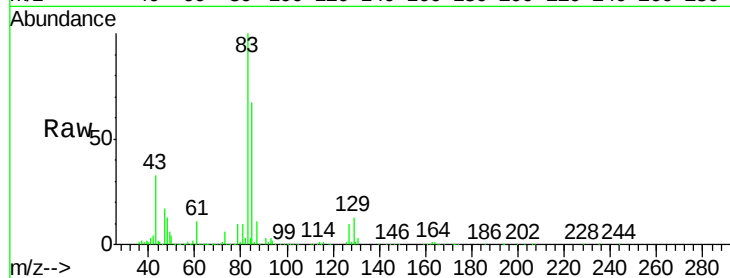
ClientSampleId :

VX1210WBS01

Tot Ion:	83	Resp:	192883
Ion Ratio	Lower	Upper	
83	100		
85	66.6	51.4	77.0
127	9.8	7.9	11.9

Manual Integrations
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#48

Methyl methacrylate

Concen: 18.352 ug/l

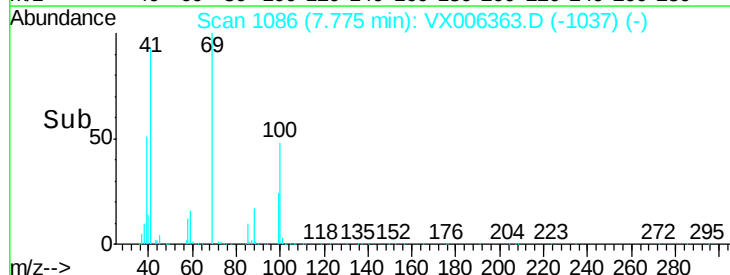
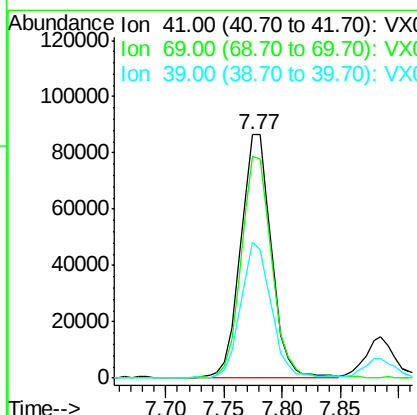
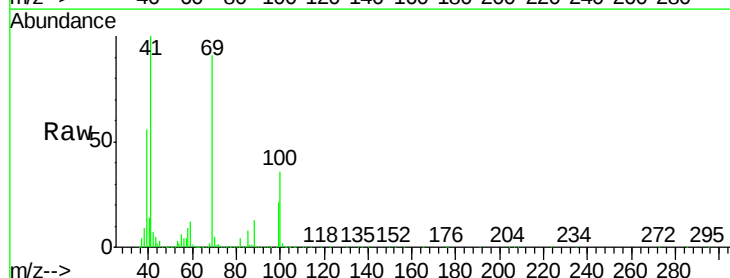
RT: 7.77 min Scan# 1086

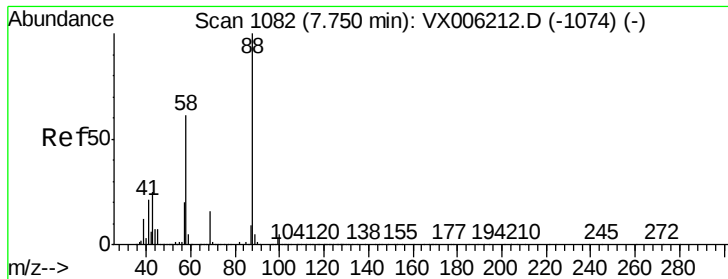
Delta R.T. 0.00 min

Lab File: VX006363.D

Acq: 10 Dec 2018 12:12

Tgt Ion:	41	Resp:	158918
Ion Ratio	Lower	Upper	
41	100		
69	90.3	70.3	105.5
39	54.7	45.3	67.9





#49

1,4-Dioxane

Concen: 380.916 ug/l

RT: 7.76 min Scan# 1083

Delta R.T. 0.01 min

Lab File: VX006363.D

Acq: 10 Dec 2018 12:12

Instrument :

MSVOA_X

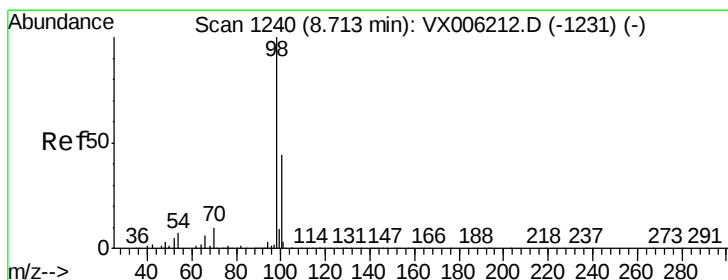
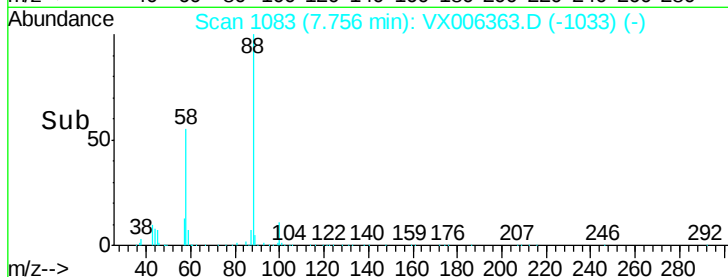
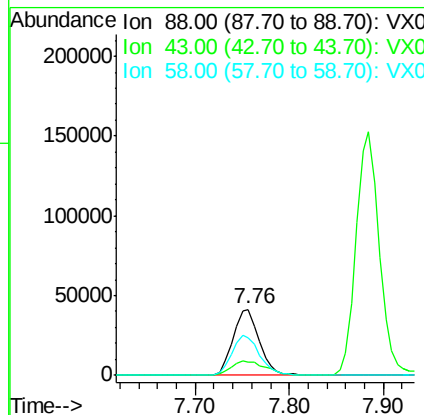
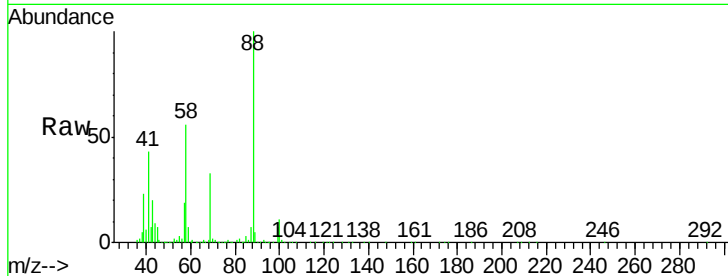
ClientSampleId :

VX1210WBS01

Tot Ion:	88	Resp:	81298
Ion	Ratio	Lower	Upper
88	100		
43	27.5	23.2	34.8
58	64.0	51.4	77.0

Manual Integrations
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#50

Toluene-d8

Concen: 49.368 ug/l

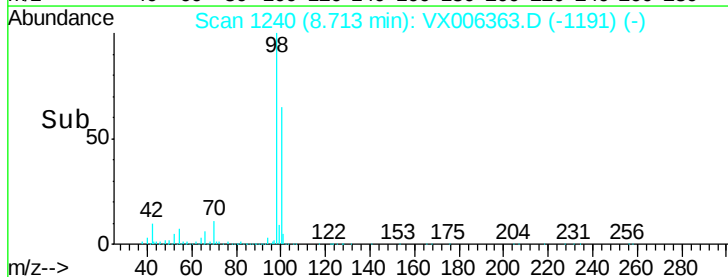
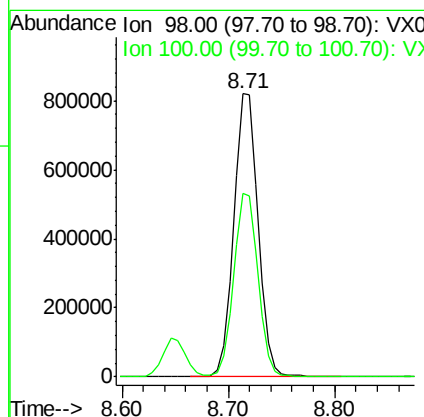
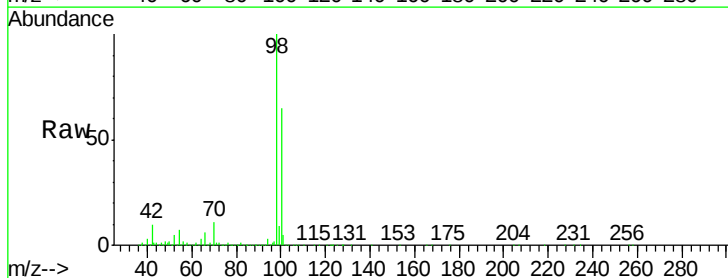
RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX006363.D

Acq: 10 Dec 2018 12:12

Tgt Ion:	98	Resp:	1316225
Ion	Ratio	Lower	Upper
98	100		
100	64.7	52.2	78.2





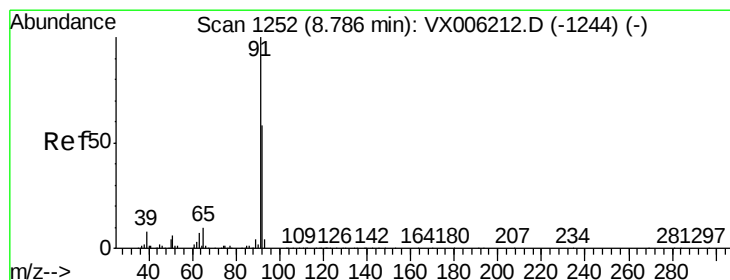
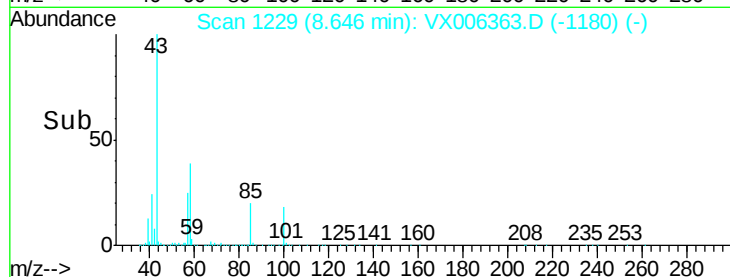
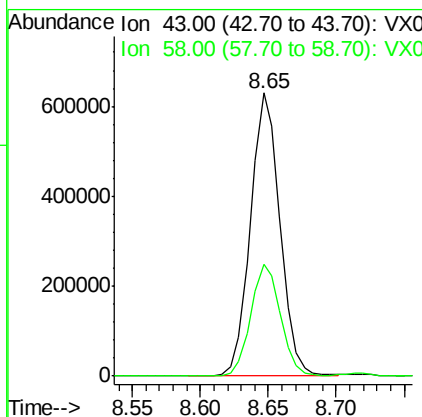
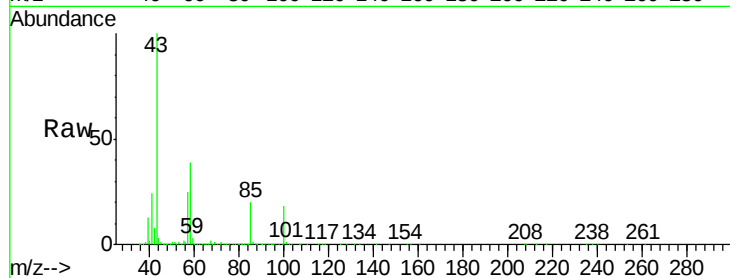
#51
 4-Methyl-2-Pentanone
 Concen: 92.476 ug/l
 RT: 8.65 min Scan# 1229
 Delta R.T. 0.00 min
 Lab File: VX006363.D
 Acq: 10 Dec 2018 12:12

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1210WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
58	39.7	31.3	46.9

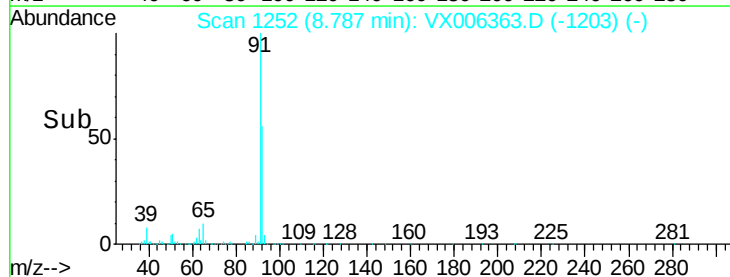
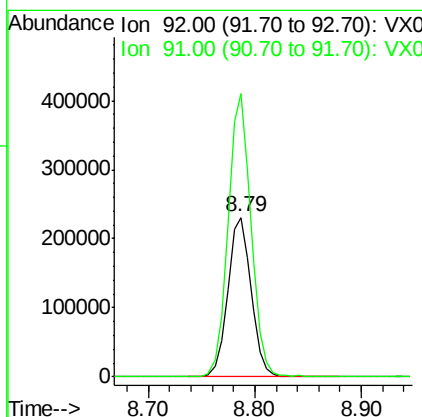
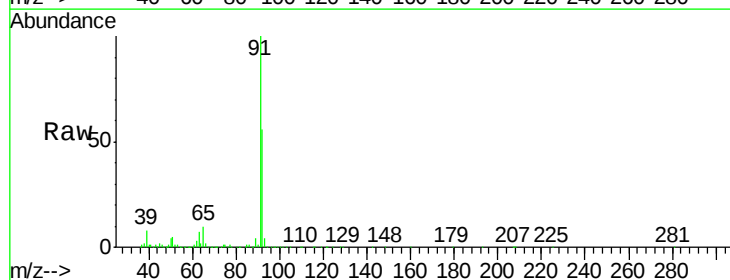
Manual Integrations
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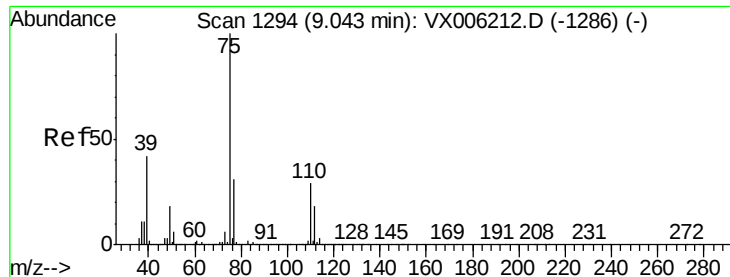
MMDadoda
 12/11/2018 10:54:43 AM



#52
 Toluene
 Concen: 18.906 ug/l
 RT: 8.79 min Scan# 1252
 Delta R.T. 0.00 min
 Lab File: VX006363.D
 Acq: 10 Dec 2018 12:12

Tgt Ion	Ratio	Lower	Upper
92	100		
91	174.3	139.2	208.8





#53

t-1,3-Dichloropropene

Concen: 18.092 ug/l

RT: 9.04 min Scan# 1294

Delta R.T. 0.00 min

Lab File: VX006363.D

Acq: 10 Dec 2018 12:12

Instrument :

MSVOA_X

ClientSampleId :

VX1210WBS01

Tot Ion: 75 Resp: 214752

Ion Ratio Lower Upper

75 100

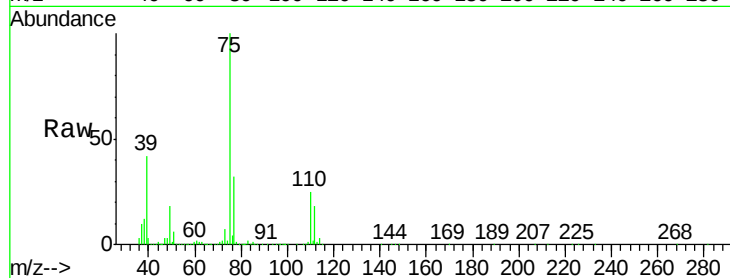
77 31.6 25.0 37.4

Manual Integrations

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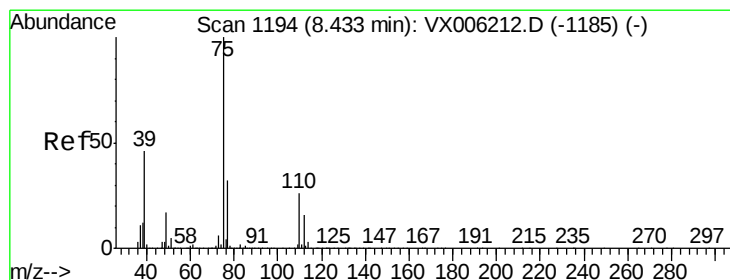
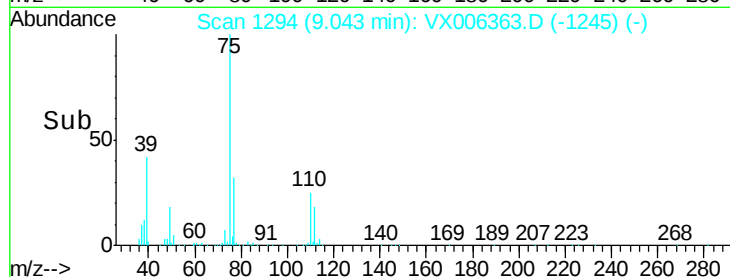
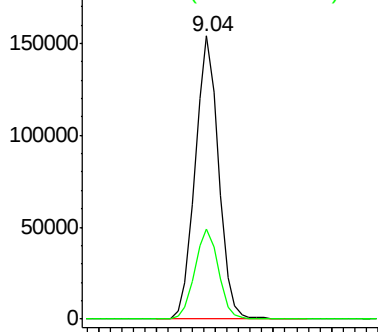
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Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0



#54

cis-1,3-Dichloropropene

Concen: 18.647 ug/l

RT: 8.44 min Scan# 1195

Delta R.T. 0.01 min

Lab File: VX006363.D

Acq: 10 Dec 2018 12:12

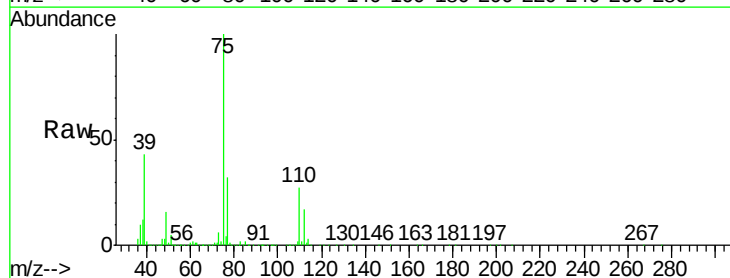
Tgt Ion: 75 Resp: 229833

Ion Ratio Lower Upper

75 100

77 31.9 25.6 38.4

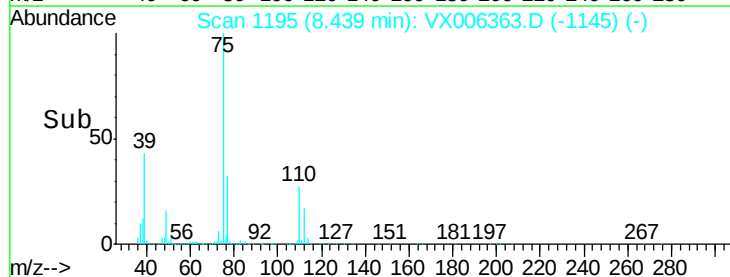
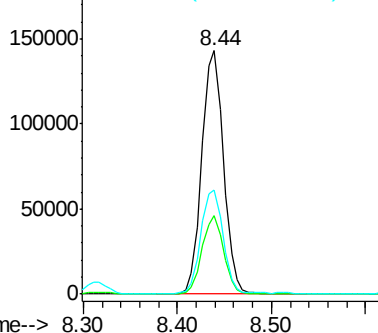
39 42.8 36.5 54.7

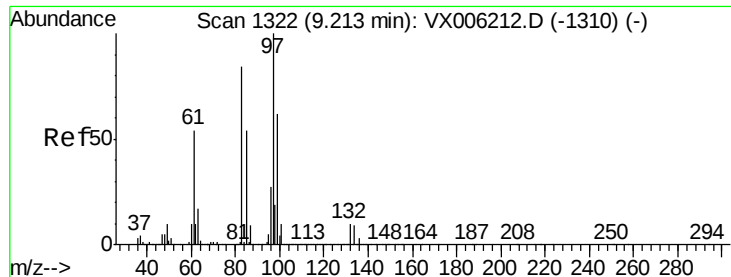


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0





#55

1,1,2-Trichloroethane

Concen: 20.062 ug/l

RT: 9.22 min Scan# 1323

Delta R.T. 0.01 min

Lab File: VX006363.D

Acq: 10 Dec 2018 12:12

Instrument :

MSVOA_X

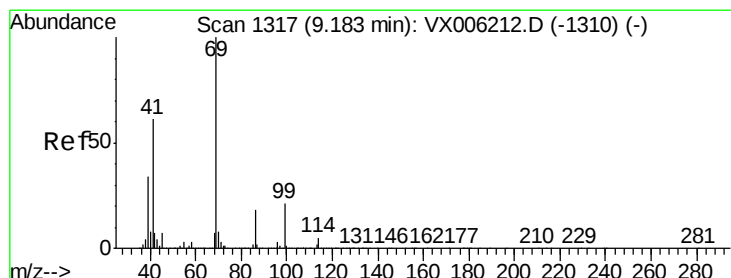
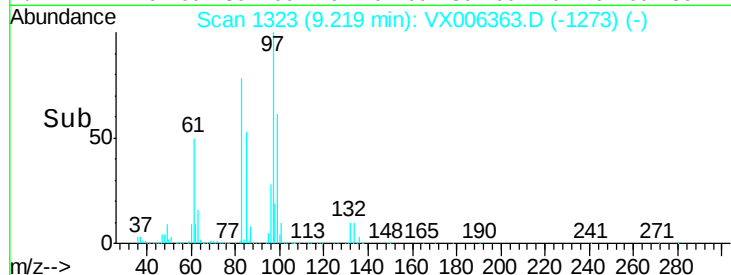
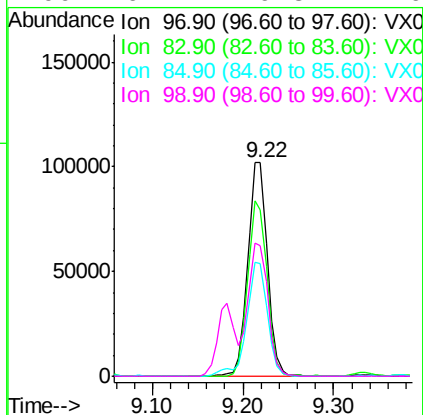
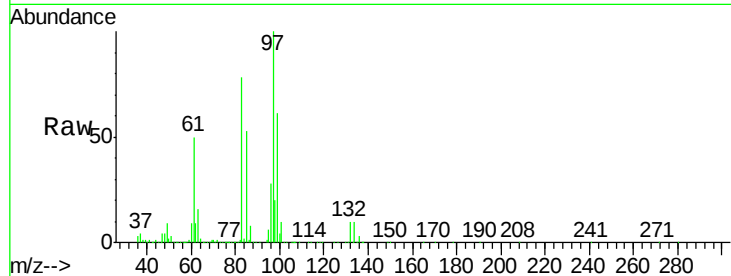
ClientSampleId :

VX1210WBS01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		153101		
83	78.1	67.1	100.7		
85	52.4	43.2	64.8		
99	61.1	49.8	74.6		

Manual Integrations
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#56

Ethyl methacrylate

Concen: 18.886 ug/l

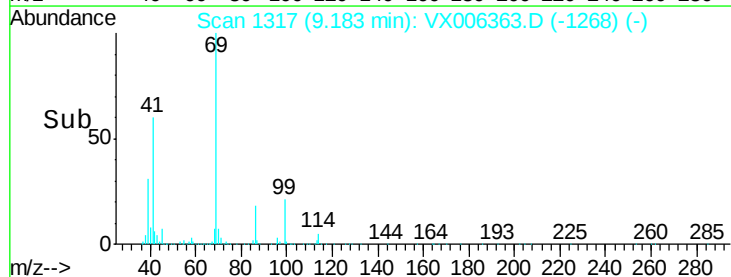
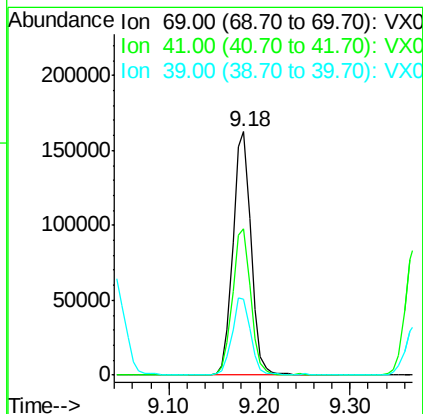
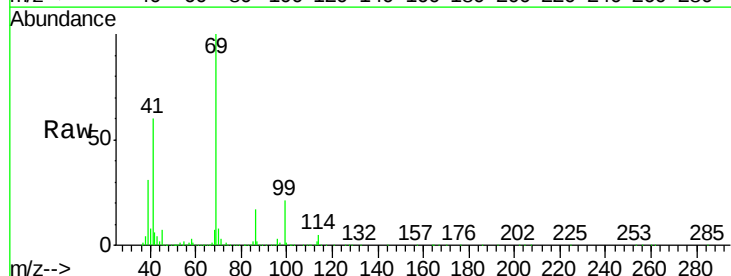
RT: 9.18 min Scan# 1317

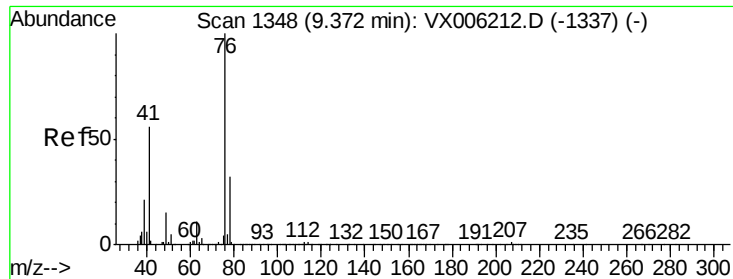
Delta R.T. 0.00 min

Lab File: VX006363.D

Acq: 10 Dec 2018 12:12

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		225322		
41	60.1	50.6	76.0		
39	32.0	27.6	41.4		





#57

1,3-Dichloropropane

Concen: 19.863 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. 0.00 min

Lab File: VX006363.D

Acq: 10 Dec 2018 12:12

Instrument :

MSVOA_X

ClientSampleId :

VX1210WBS01

Tot Ion: 76 Resp: 239701

Ion Ratio Lower Upper

76 100

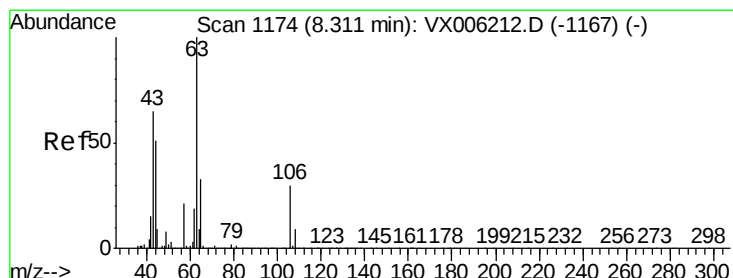
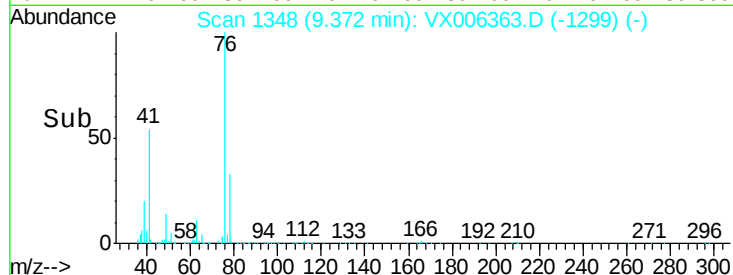
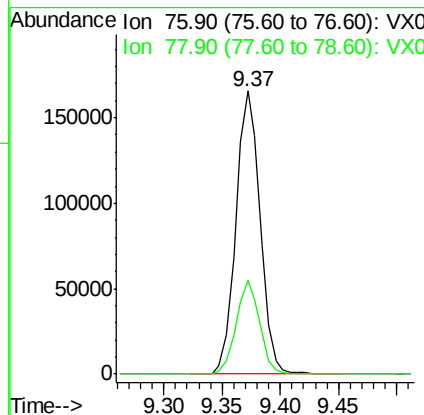
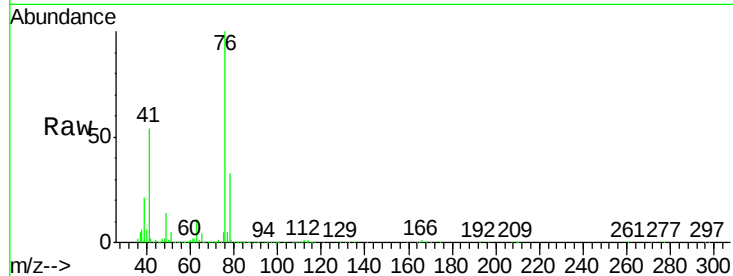
78 32.1 26.1 39.1

Manual Integrations

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#58

2-Chloroethyl Vinyl ether

Concen: 98.573 ug/l

RT: 8.32 min Scan# 1175

Delta R.T. 0.01 min

Lab File: VX006363.D

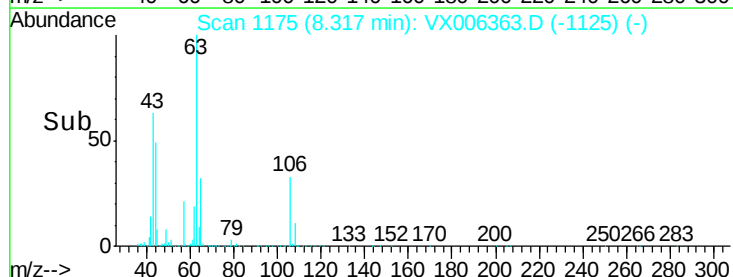
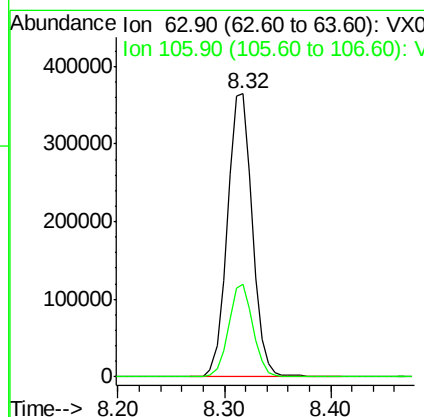
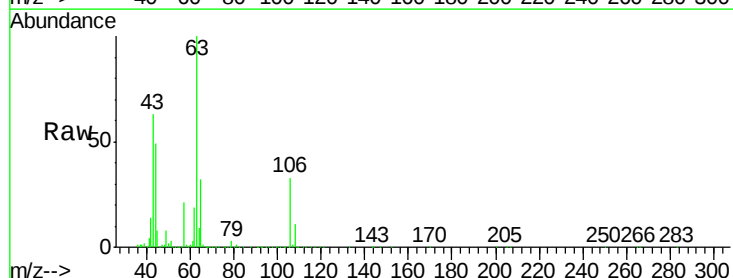
Acq: 10 Dec 2018 12:12

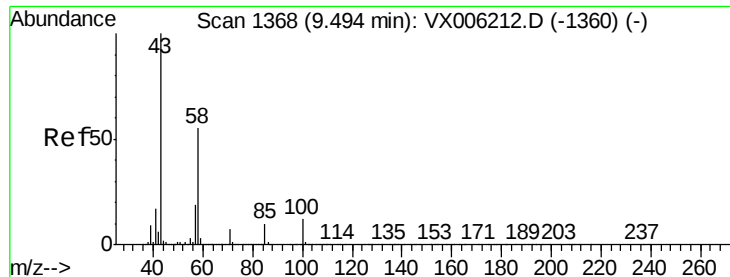
Tgt Ion: 63 Resp: 596781

Ion Ratio Lower Upper

63 100

106 32.0 24.9 37.3





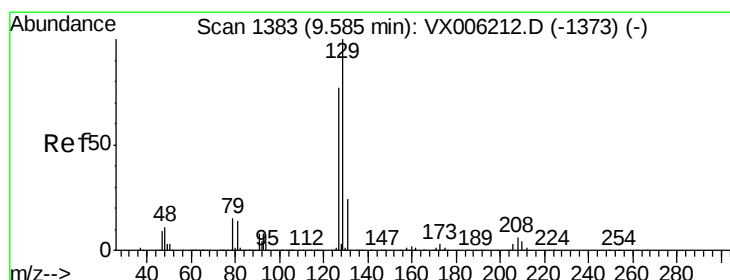
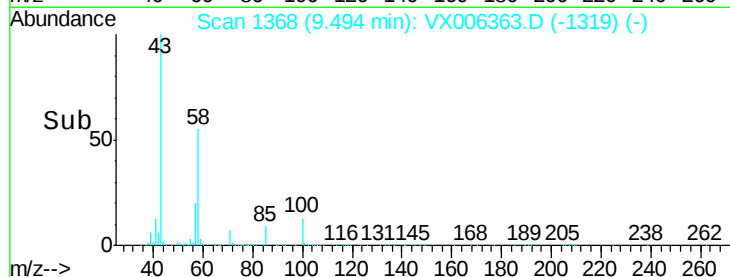
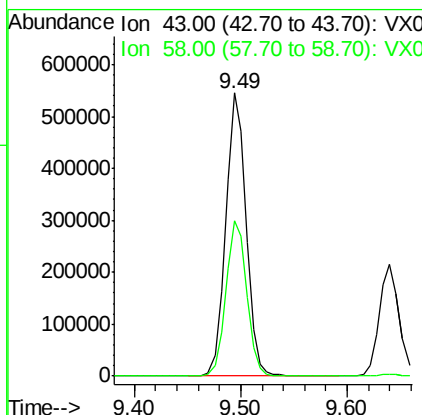
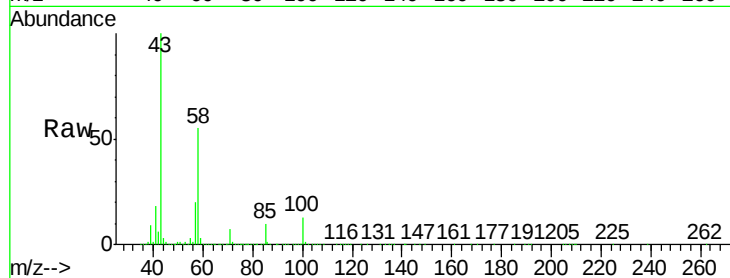
#59
2-Hexanone
Concen: 92.497 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. 0.00 min
Lab File: VX006363.D
Acq: 10 Dec 2018 12:12

Instrument :
MSVOA_X
ClientSampleId :
VX1210WBS01

Tot Ion: 43 Resp: 732279
Ion Ratio Lower Upper
43 100
58 55.9 27.7 83.1

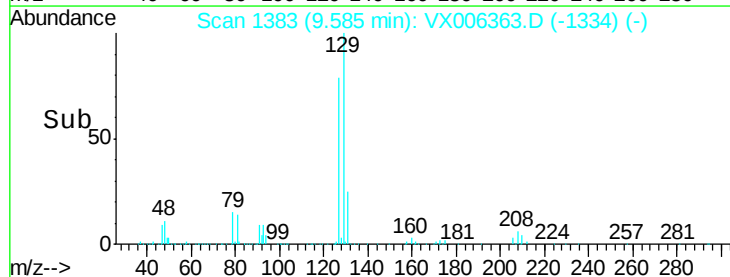
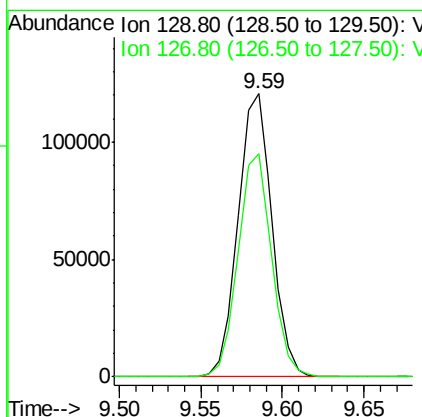
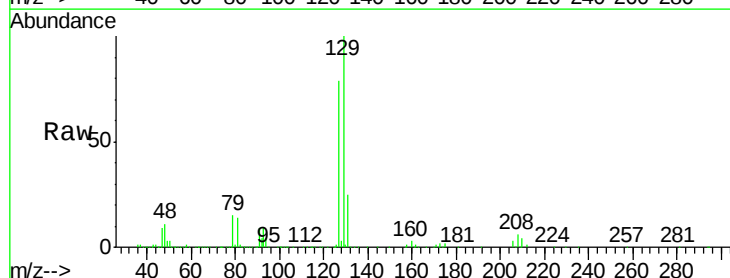
Manual Integrations
APPROVED

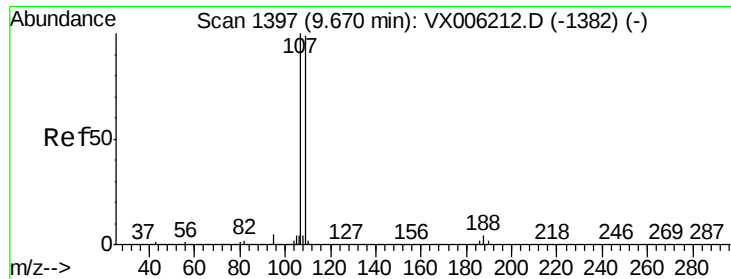
MMDadoda
12/11/2018 10:54:43 AM



#60
Dibromochloromethane
Concen: 18.564 ug/l
RT: 9.59 min Scan# 1383
Delta R.T. 0.00 min
Lab File: VX006363.D
Acq: 10 Dec 2018 12:12

Tgt Ion: 129 Resp: 174696
Ion Ratio Lower Upper
129 100
127 78.0 38.6 115.8





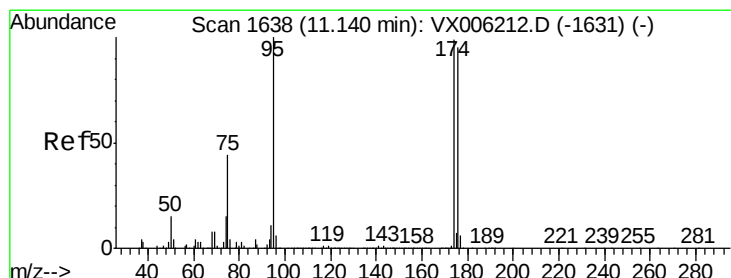
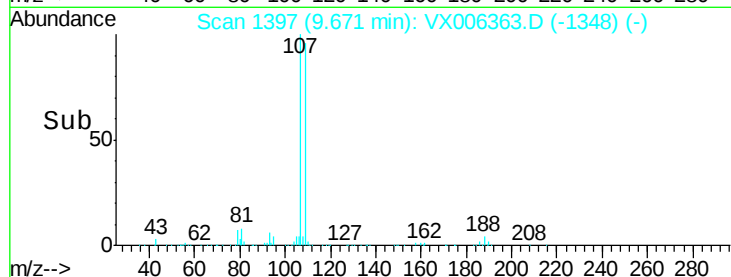
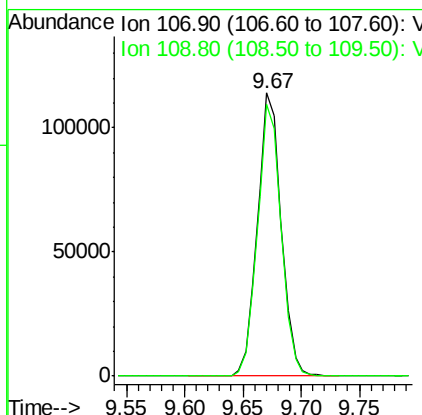
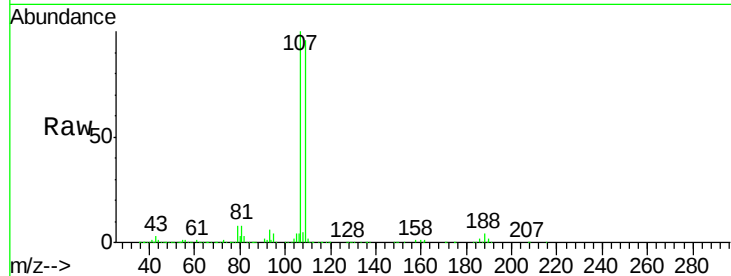
#61
 1,2-Dibromoethane
 Concen: 19.079 ug/l
 RT: 9.67 min Scan# 1397
 Delta R.T. 0.00 min
 Lab File: VX006363.D
 Acq: 10 Dec 2018 12:12

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1210WBS01

Tot Ion	Ratio	Resp	Lower	Upper
107	100	162805		
109	95.8	76.3	114.5	

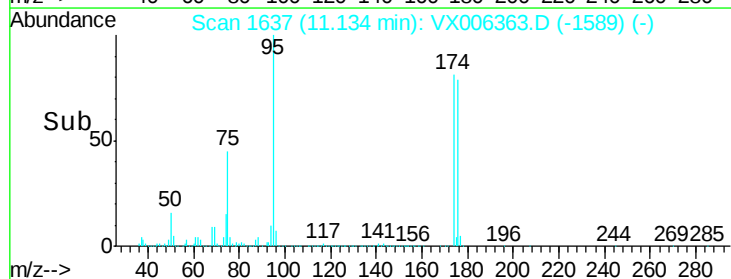
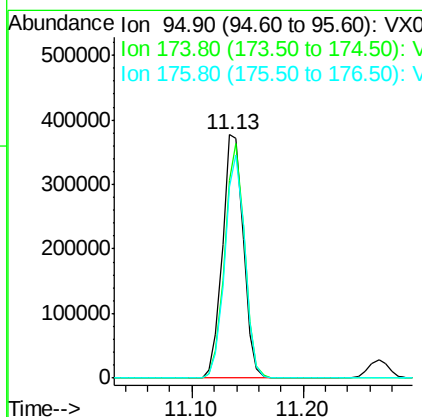
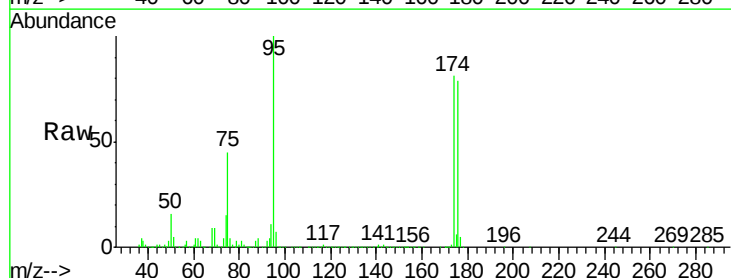
Manual Integrations
 APPROVED

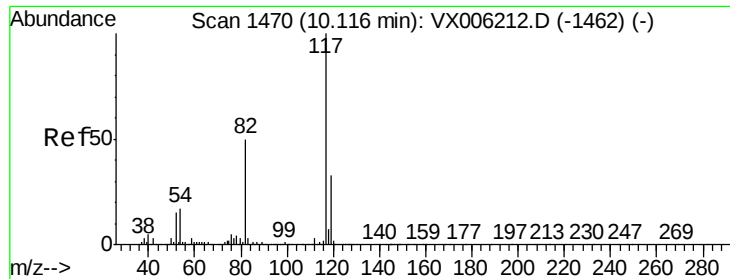
MMDadoda
 12/11/2018 10:54:43 AM



#62
 4-Bromofluorobenzene
 Concen: 48.914 ug/l
 RT: 11.13 min Scan# 1637
 Delta R.T. -0.01 min
 Lab File: VX006363.D
 Acq: 10 Dec 2018 12:12

Tgt Ion	Ratio	Resp	Lower	Upper
95	100	491431		
174	91.1	0.0	187.0	
176	87.6	0.0	181.8	





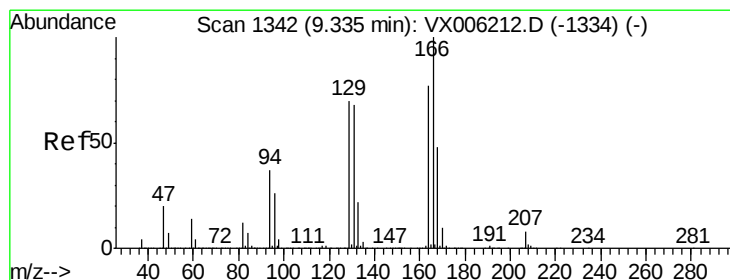
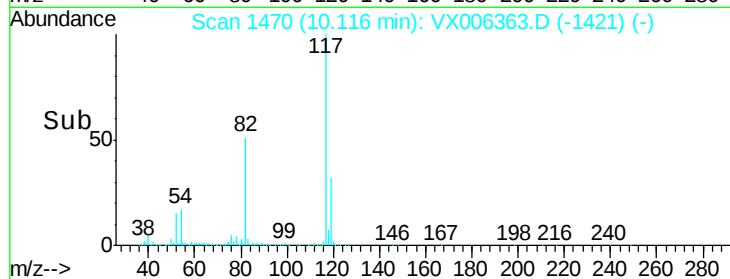
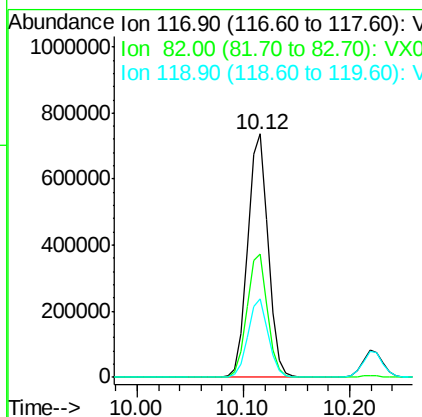
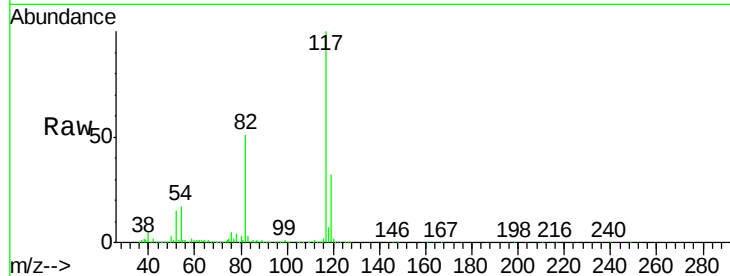
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VX006363.D
Acq: 10 Dec 2018 12:12

Instrument :
MSVOA_X
ClientSampleId :
VX1210WBS01

Tot Ion	Ratio	Lower	Upper
117	100		
82	50.6	39.6	59.4
119	32.1	26.3	39.5

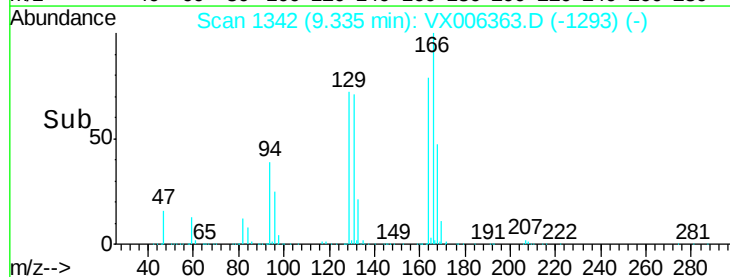
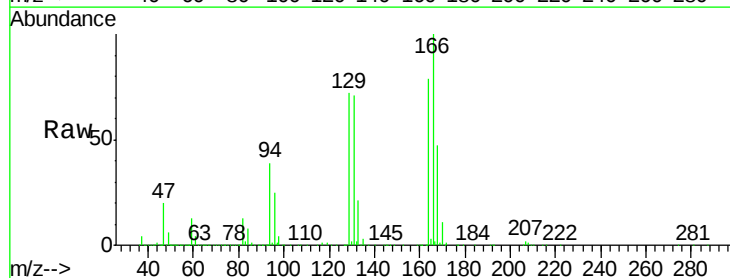
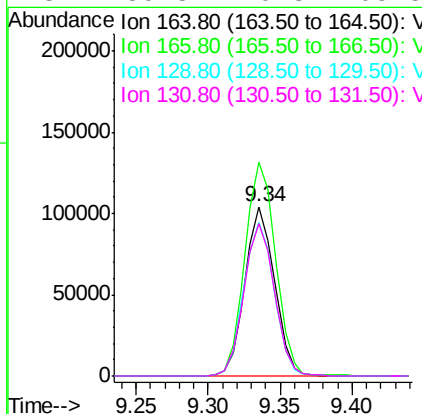
Manual Integrations
APPROVED

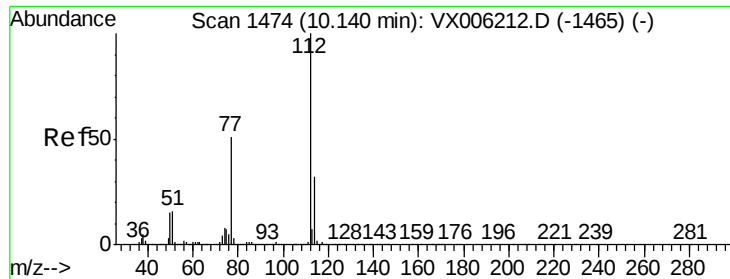
MMDadoda
12/11/2018 10:54:43 AM



#64
Tetrachloroethene
Concen: 19.817 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX006363.D
Acq: 10 Dec 2018 12:12

Tgt Ion	Ratio	Lower	Upper
164	100		
166	126.0	104.2	156.2
129	90.9	72.6	108.8
131	89.8	70.3	105.5





#65

Chlorobenzene

Concen: 19.743 ug/l

RT: 10.14 min Scan# 1474

Delta R.T. 0.00 min

Lab File: VX006363.D

Acq: 10 Dec 2018 12:12

Instrument :

MSVOA_X

ClientSampleId :

VX1210WBS01

Tot Ion:112 Resp: 415489

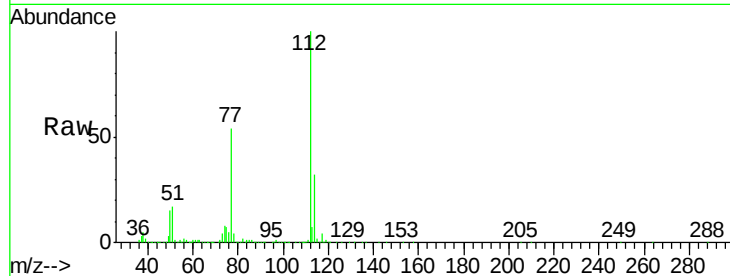
Ion Ratio Lower Upper

112 100

114 32.1 25.4 38.2

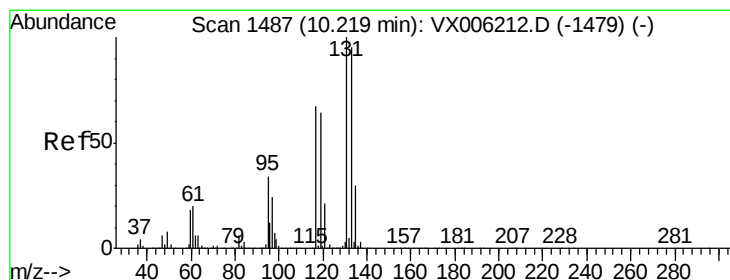
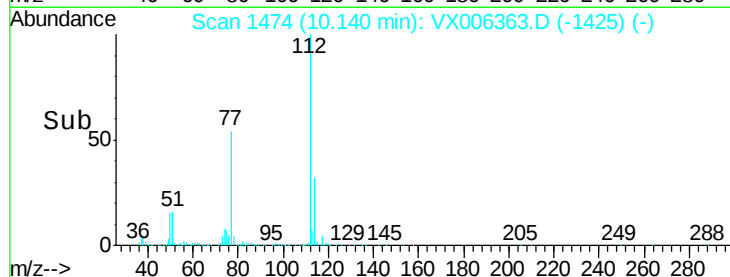
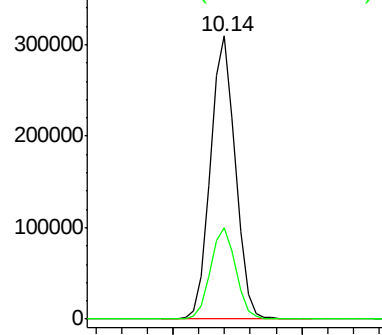
Manual Integrations
APPROVED

MMDadoda
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Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 19.903 ug/l

RT: 10.22 min Scan# 1487

Delta R.T. 0.00 min

Lab File: VX006363.D

Acq: 10 Dec 2018 12:12

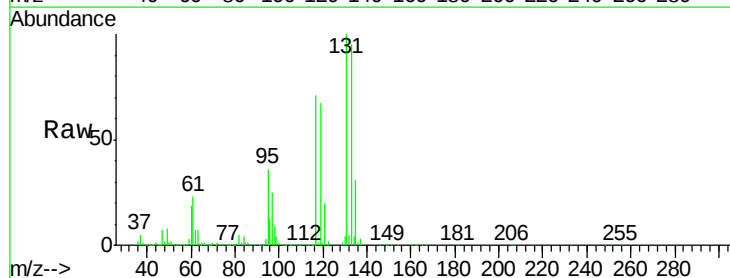
Tgt Ion:131 Resp: 162743

Ion Ratio Lower Upper

131 100

133 94.9 48.1 144.4

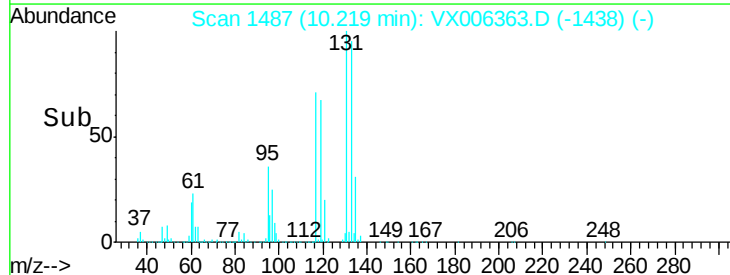
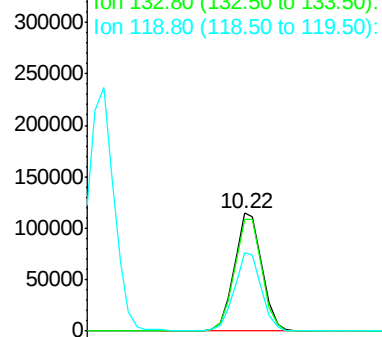
119 64.9 32.1 96.3

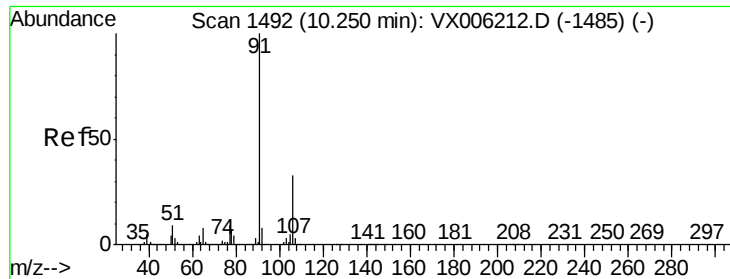


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





#67

Ethyl Benzene

Concen: 19.342 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. 0.00 min

Lab File: VX006363.D

Acq: 10 Dec 2018 12:12

Instrument :

MSVOA_X

ClientSampleId :

VX1210WBS01

Tot Ion: 91 Resp: 677028

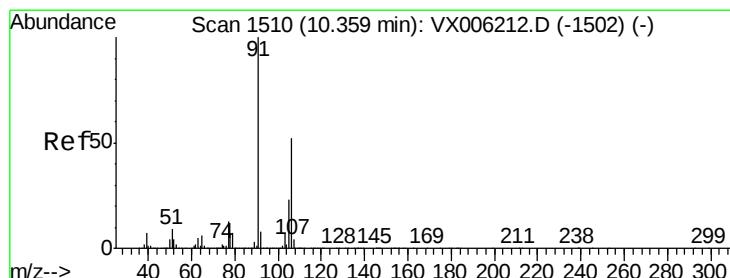
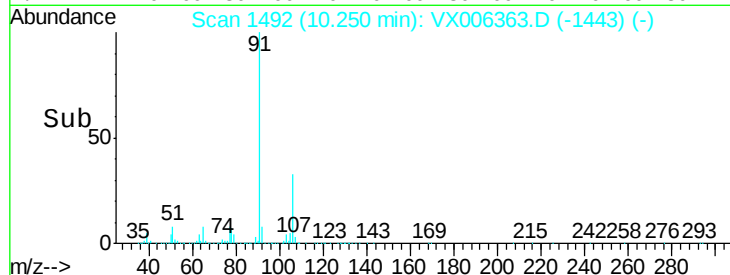
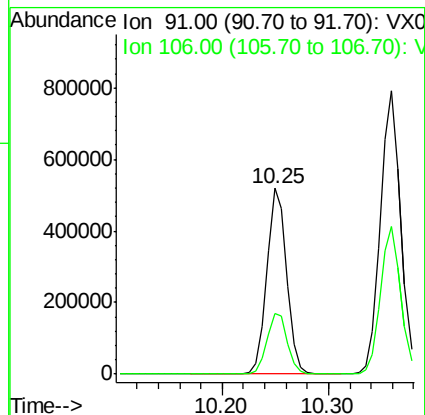
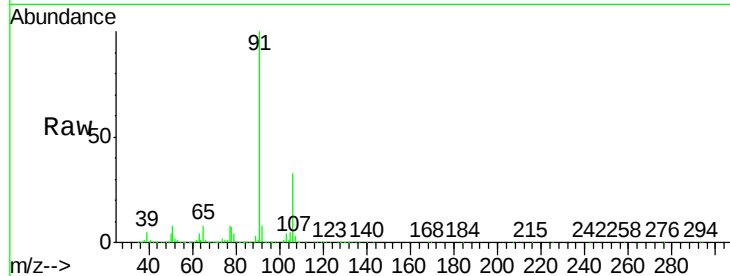
Ion Ratio Lower Upper

91 100

106 32.8 26.5 39.7

Manual Integrations
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#68

m/p-Xylenes

Concen: 38.846 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. 0.00 min

Lab File: VX006363.D

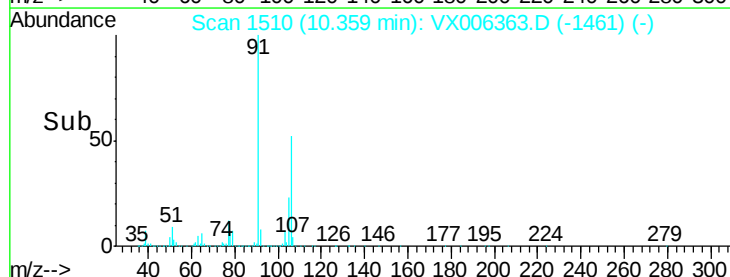
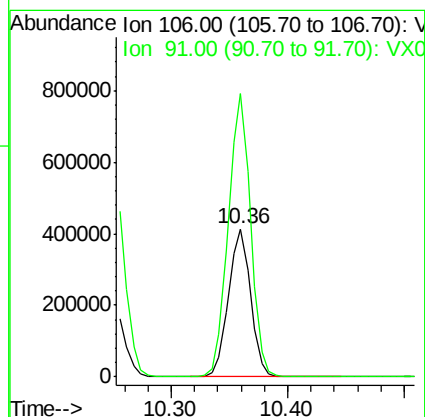
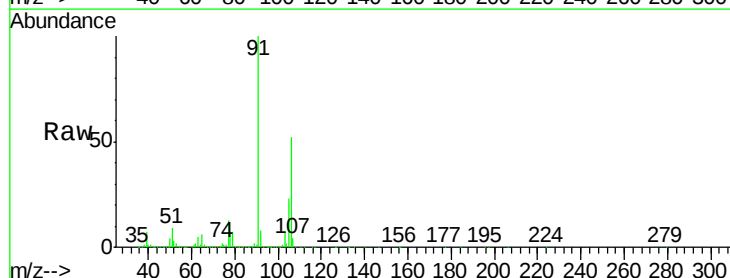
Acq: 10 Dec 2018 12:12

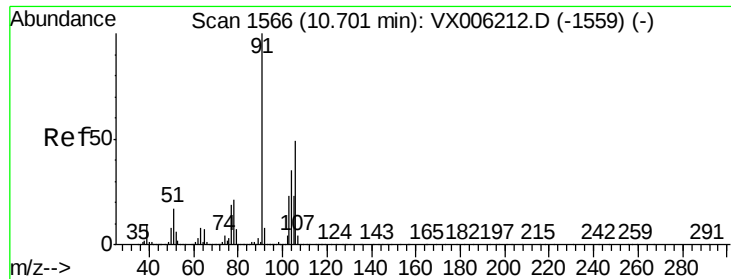
Tgt Ion: 106 Resp: 544659

Ion Ratio Lower Upper

106 100

91 192.2 155.2 232.8





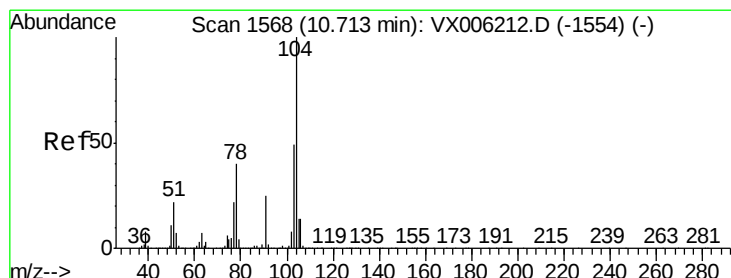
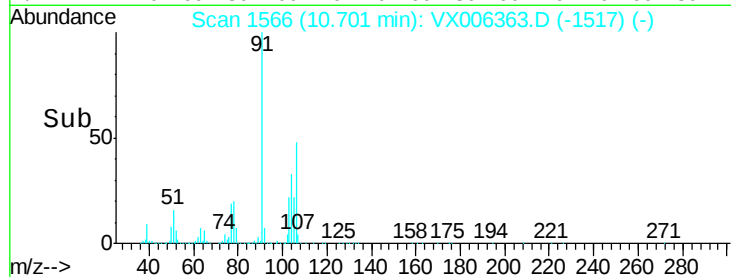
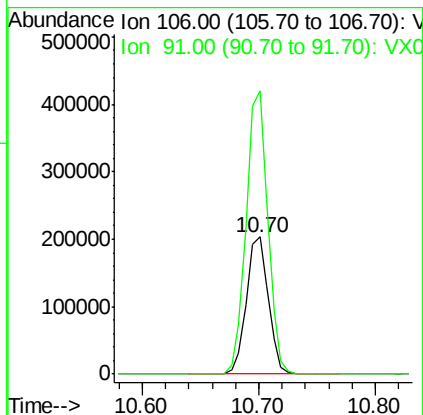
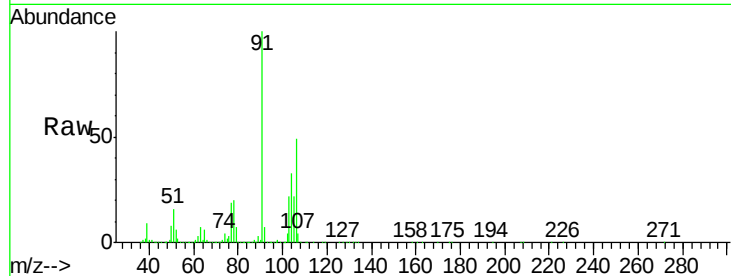
#69
o-Xylene
Concen: 19.458 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. 0.00 min
Lab File: VX006363.D
Acq: 10 Dec 2018 12:12

Instrument :
MSVOA_X
ClientSampleId :
VX1210WBS01

Tot Ion	Ratio	Lower	Upper
106	100		
91	203.9	101.8	305.6

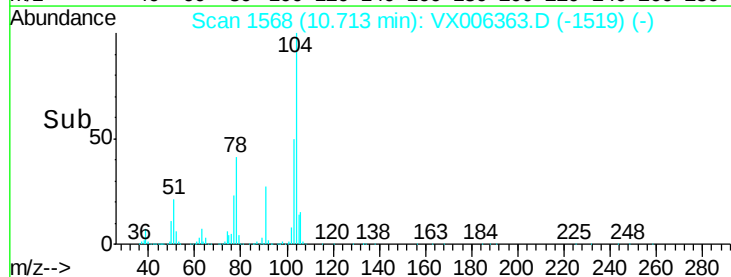
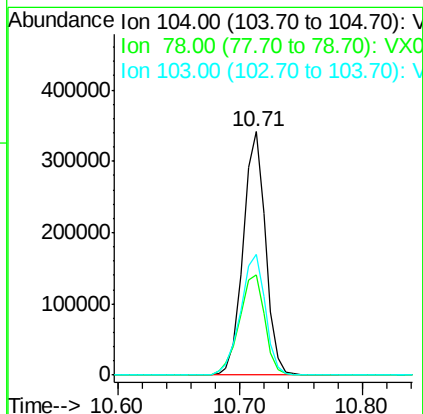
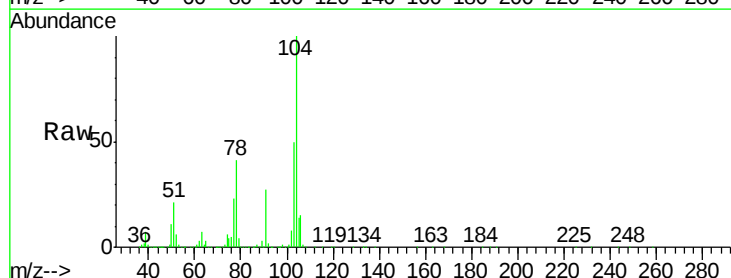
Manual Integrations
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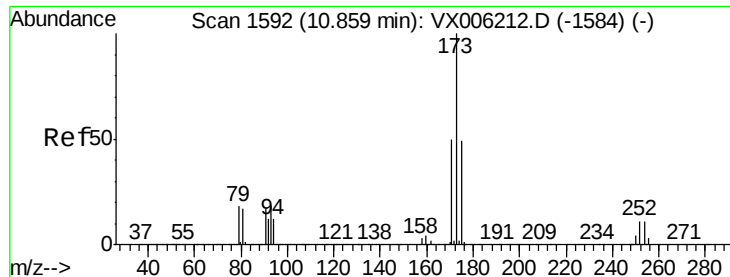
MMDadoda
12/11/2018 10:54:43 AM



#70
Styrene
Concen: 19.264 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX006363.D
Acq: 10 Dec 2018 12:12

Tgt Ion	Ratio	Lower	Upper
104	100		
78	46.8	37.2	55.8
103	55.0	43.5	65.3





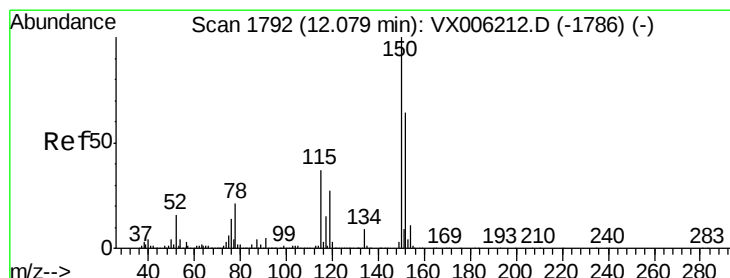
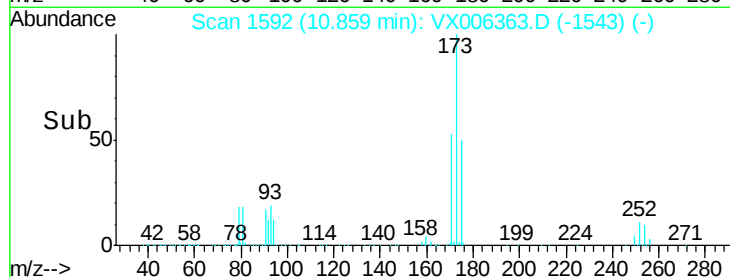
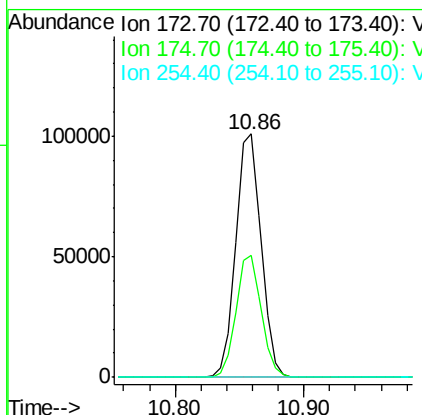
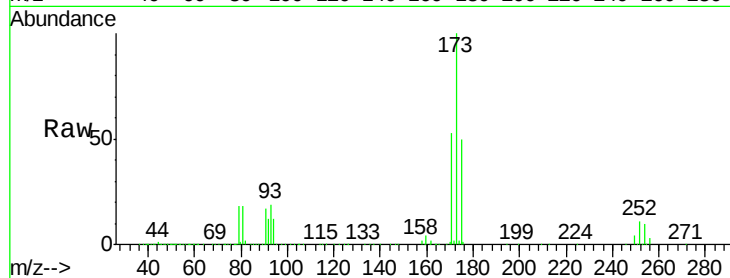
#71
Bromoform
Concen: 17.953 ug/l
RT: 10.86 min Scan# 1592
Delta R.T. 0.00 min
Lab File: VX006363.D
Acq: 10 Dec 2018 12:12

Instrument :
MSVOA_X
ClientSampleId :
VX1210WBS01

Tot Ion	Ratio	Lower	Upper
173	100		
175	49.9	24.6	73.8
254	0.1	0.2	0.2#

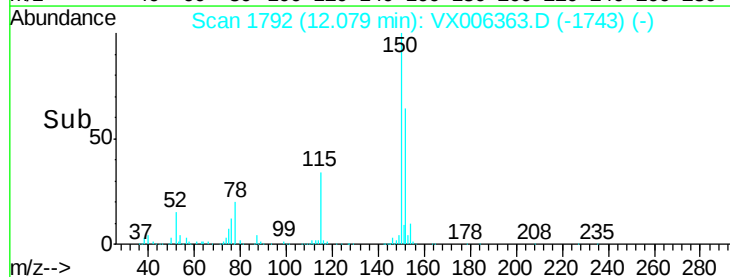
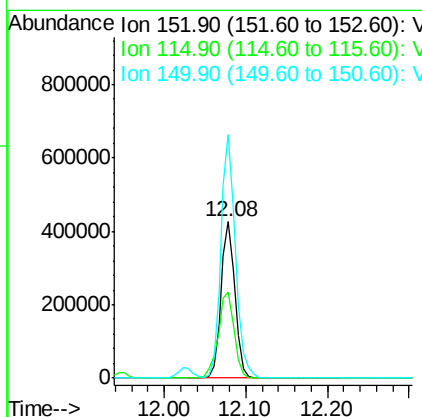
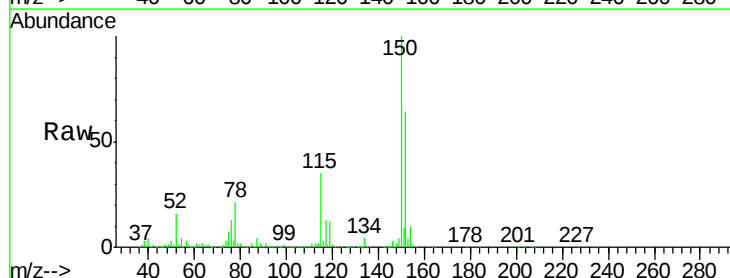
Manual Integrations
APPROVED

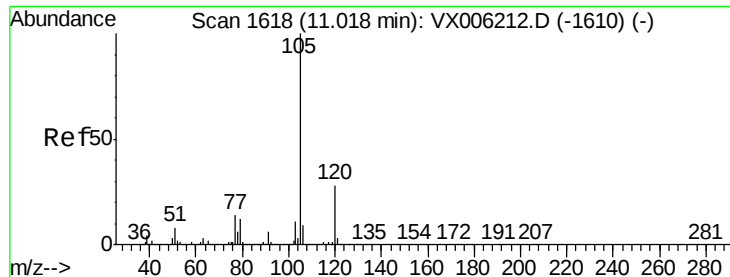
MMDadoda
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX006363.D
Acq: 10 Dec 2018 12:12

Tgt Ion	Ratio	Lower	Upper
152	100		
115	63.5	39.0	116.9
150	162.3	0.0	345.8





#73

Isopropylbenzene

Concen: 20.416 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX006363.D

Acq: 10 Dec 2018 12:12

Instrument :

MSVOA_X

ClientSampleId :

VX1210WBS01

Tot Ion: 105 Resp: 715824

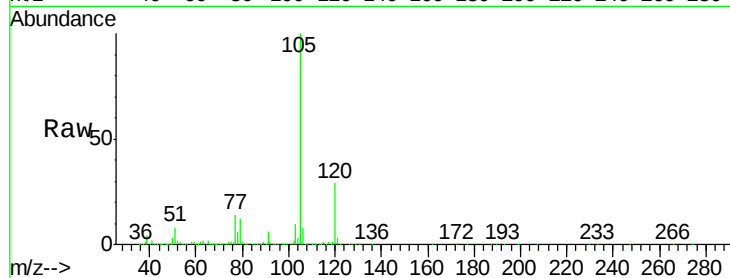
Ion Ratio Lower Upper

105 100

120 28.3 14.1 42.3

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

Ion 120.00 (119.70 to 120.70): V

11.02

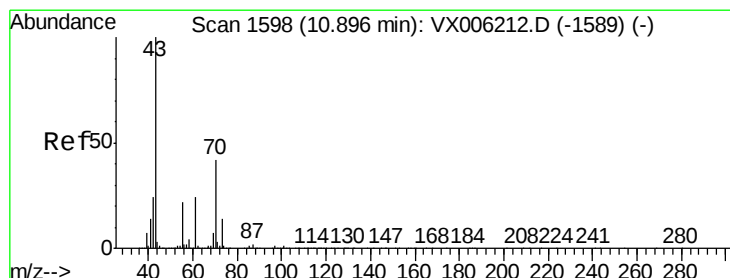
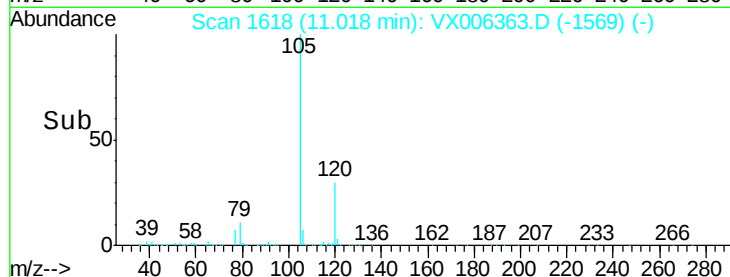
600000

400000

200000

0

Time-->



#74

N-ethyl acetate

Concen: 18.317 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. 0.00 min

Lab File: VX006363.D

Acq: 10 Dec 2018 12:12

Tgt Ion: 43 Resp: 276556

Ion Ratio Lower Upper

43 100

70 44.8 34.1 51.1

55 23.3 17.8 26.8

61 25.8 19.7 29.5

Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

10.90

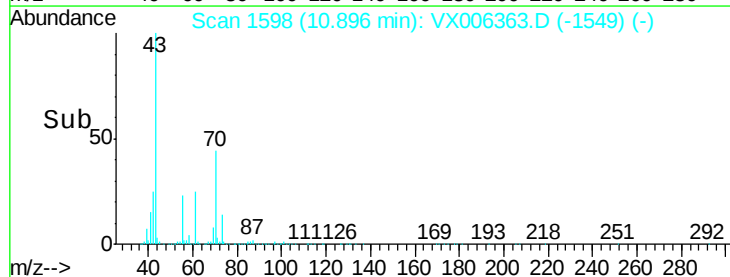
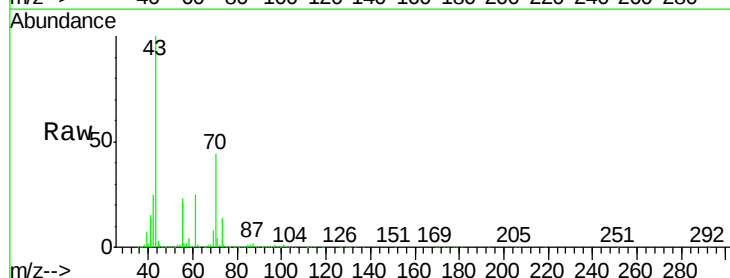
300000

200000

100000

0

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 20.227 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. 0.00 min

Lab File: VX006363.D

Acq: 10 Dec 2018 12:12

Instrument :

MSVOA_X

ClientSampleId :

VX1210WBS01

Tot Ion: 83 Resp: 226882

Ion Ratio Lower Upper

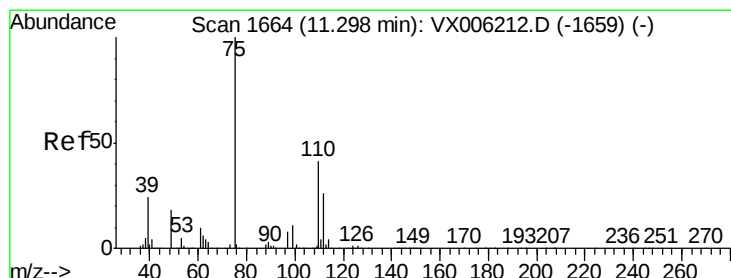
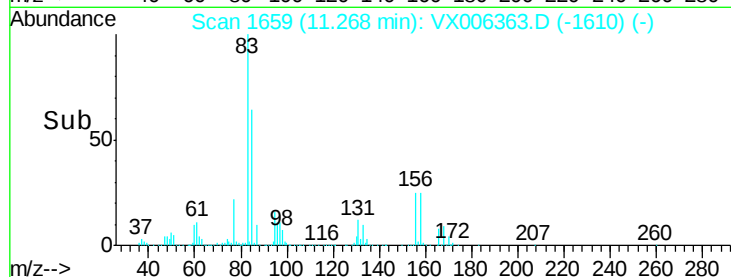
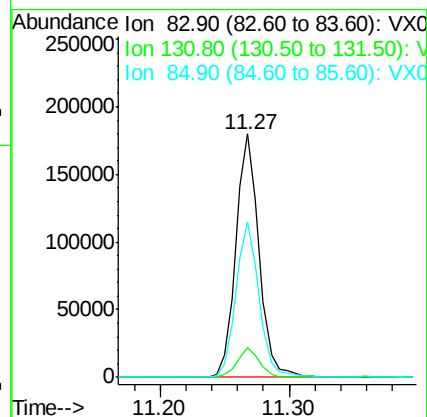
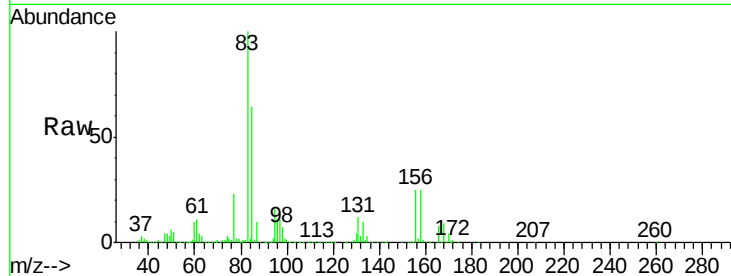
83 100

131 11.6 5.7 17.1

85 64.2 32.1 96.5

Manual Integrations
APPROVED

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12/11/2018 10:54:43 AM



#76

1,2,3-Trichloropropane

Concen: 21.940 ug/l m

RT: 11.30 min Scan# 1664

Delta R.T. 0.00 min

Lab File: VX006363.D

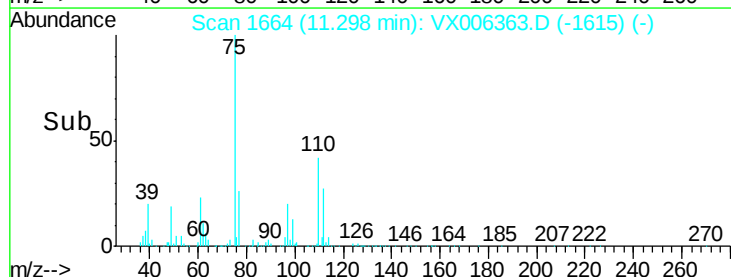
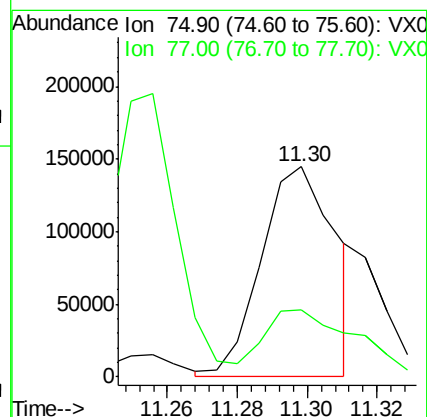
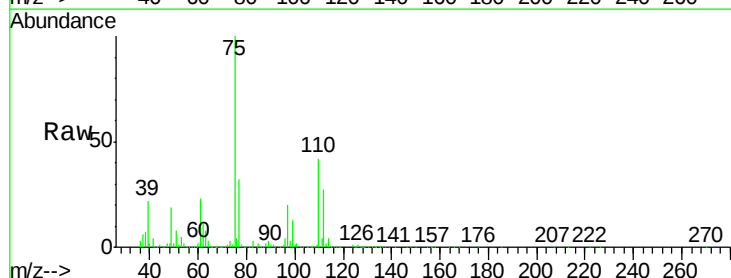
Acq: 10 Dec 2018 12:12

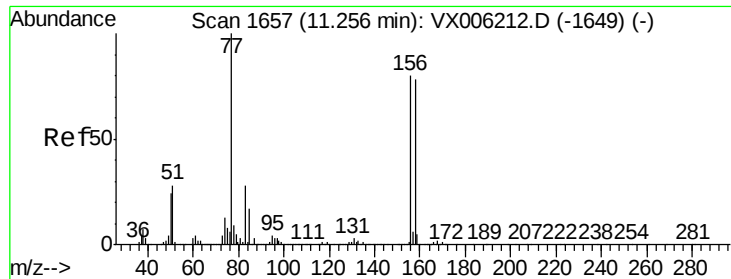
Tgt Ion: 75 Resp: 215001

Ion Ratio Lower Upper

75 100

77 39.2 19.9 59.7





#77

Bromobenzene

Concen: 20.314 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. 0.00 min

Lab File: VX006363.D

Acq: 10 Dec 2018 12:12

Instrument :

MSVOA_X

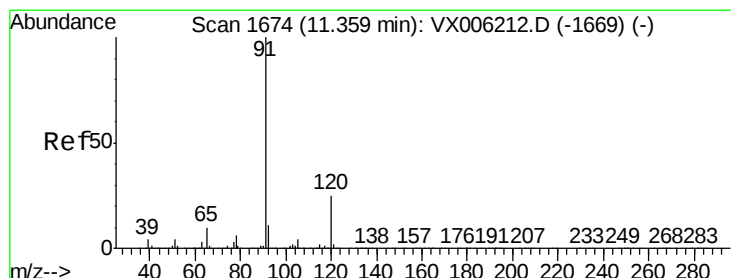
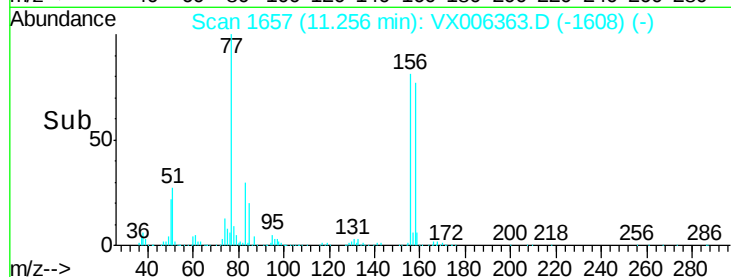
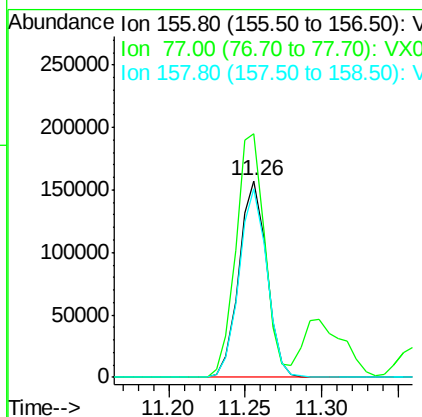
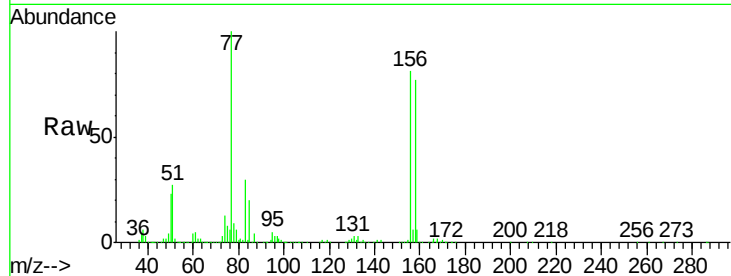
ClientSampleId :

VX1210WBS01

Tot Ion:	156	Resp:	197658
Ion Ratio	Lower	Upper	
156	100		
77	130.5	66.2	198.6
158	96.8	48.8	146.4

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#78

n-propylbenzene

Concen: 19.795 ug/l

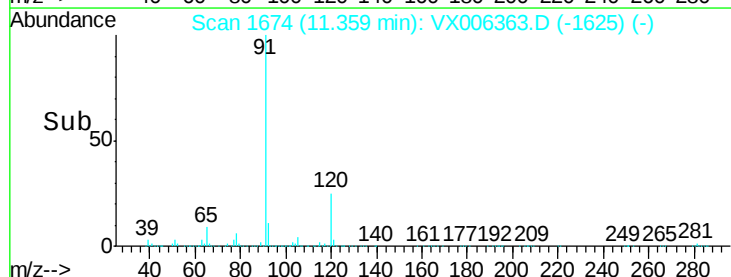
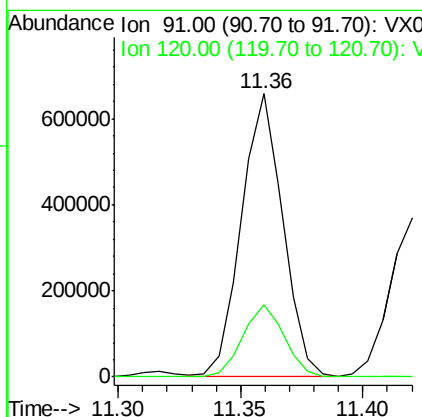
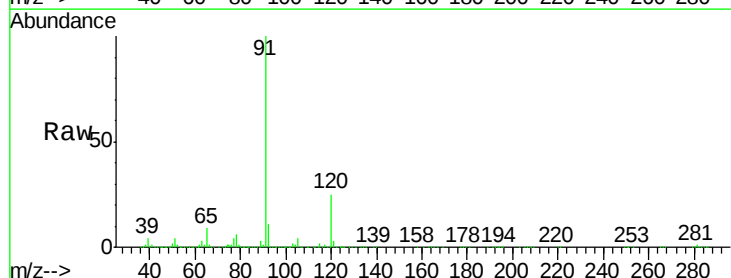
RT: 11.36 min Scan# 1674

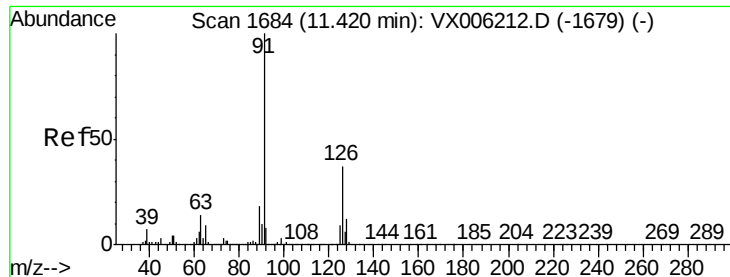
Delta R.T. 0.00 min

Lab File: VX006363.D

Acq: 10 Dec 2018 12:12

Tgt Ion:	91	Resp:	771489
Ion Ratio	Lower	Upper	
91	100		
120	25.6	12.7	38.0





#79

2-Chlorotoluene

Concen: 20.076 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. 0.00 min

Lab File: VX006363.D

Acq: 10 Dec 2018 12:12

Instrument :

MSVOA_X

ClientSampleId :

VX1210WBS01

Tot Ion: 91 Resp: 465067

Ion Ratio Lower Upper

91 100

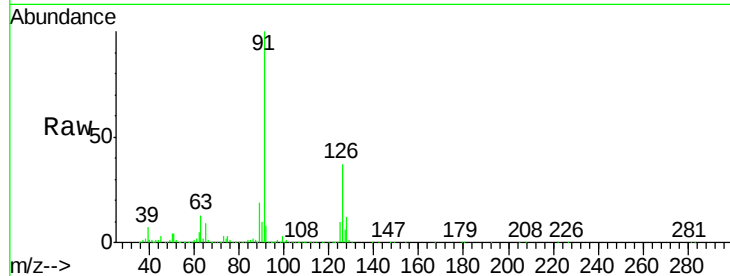
126 37.4 18.6 56.0

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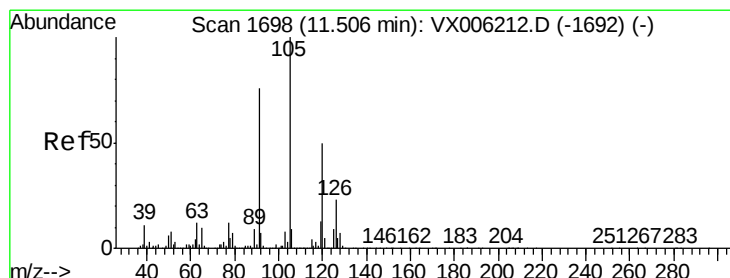
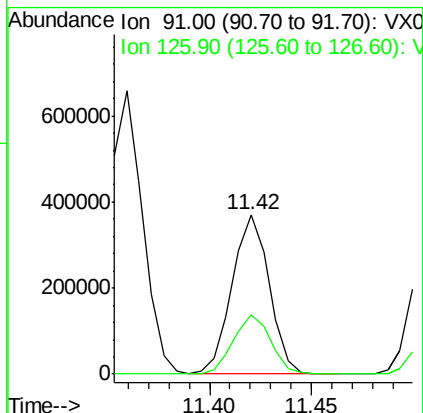
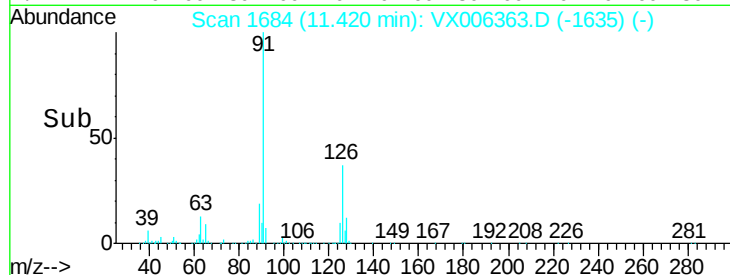
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Abundance Ion 91.00 (90.70 to 91.70): VX006363.D (-1635) (-)

Ion 125.90 (125.60 to 126.60): VX006363.D (-1635) (-)



#80

1,3,5-Trimethylbenzene

Concen: 20.281 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX006363.D

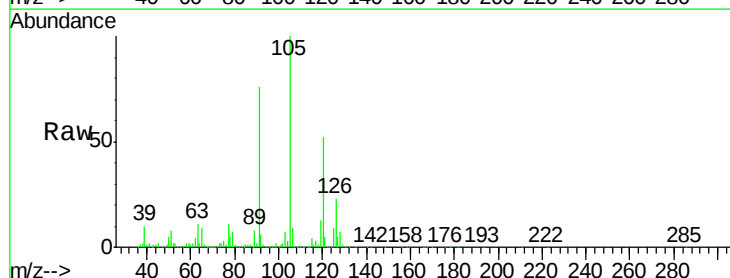
Acq: 10 Dec 2018 12:12

Tgt Ion: 105 Resp: 591634

Ion Ratio Lower Upper

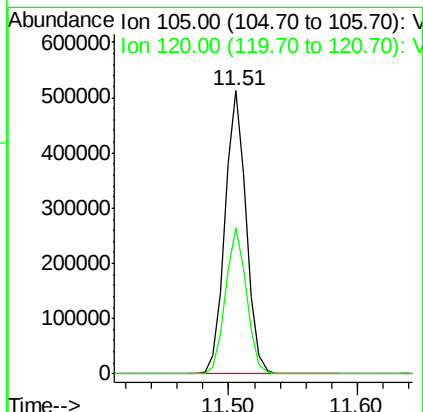
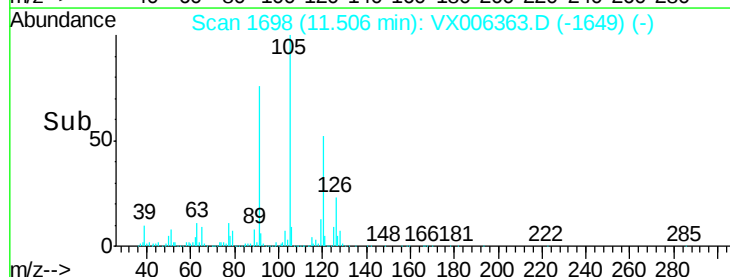
105 100

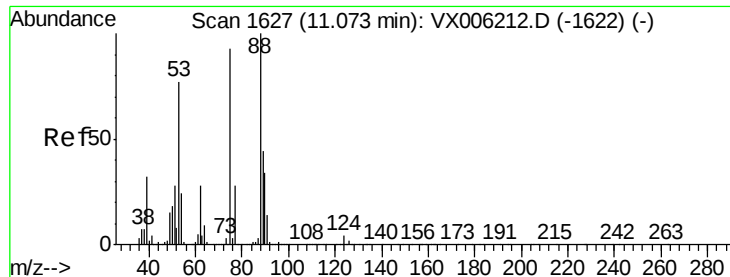
120 51.4 25.4 76.0



Abundance Ion 105.00 (104.70 to 105.70): VX006363.D (-1649) (-)

Ion 120.00 (119.70 to 120.70): VX006363.D (-1649) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 17.840 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. 0.00 min

Lab File: VX006363.D

Acq: 10 Dec 2018 12:12

Instrument :

MSVOA_X

ClientSampleId :

VX1210WBS01

Tot Ion: 75 Resp: 74496

Ion Ratio Lower Upper

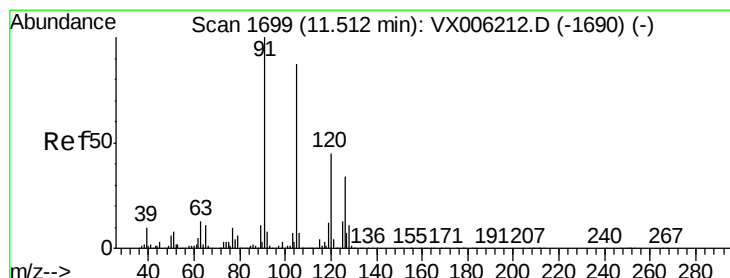
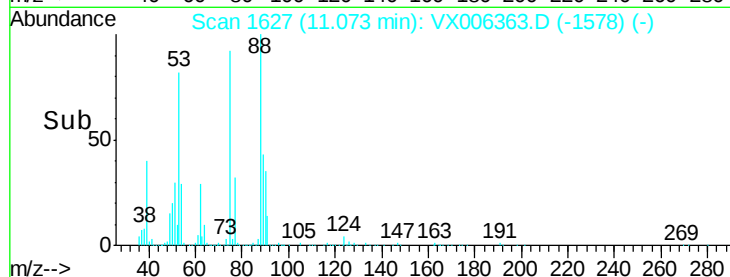
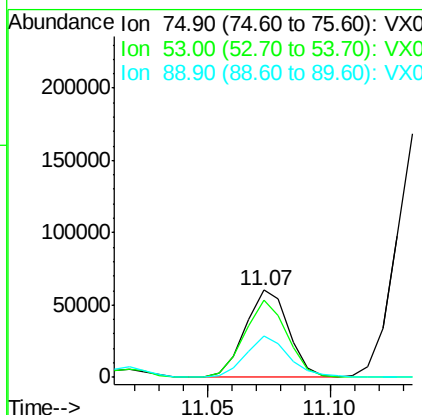
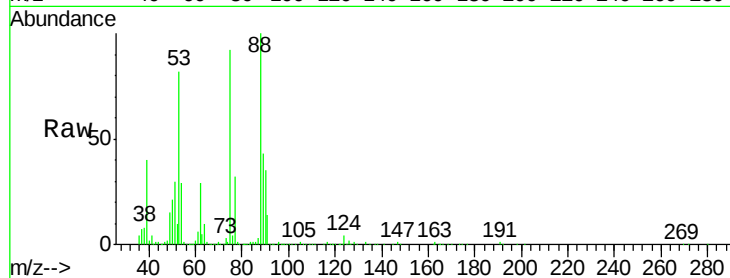
75 100

53 86.4 64.4 96.6

89 47.1 44.2 66.4

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#82

4-Chlorotoluene

Concen: 19.769 ug/l

RT: 11.51 min Scan# 1699

Delta R.T. 0.00 min

Lab File: VX006363.D

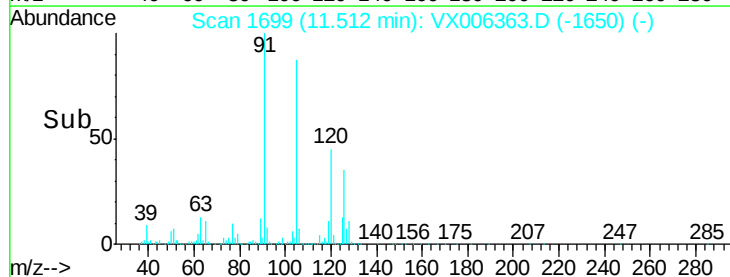
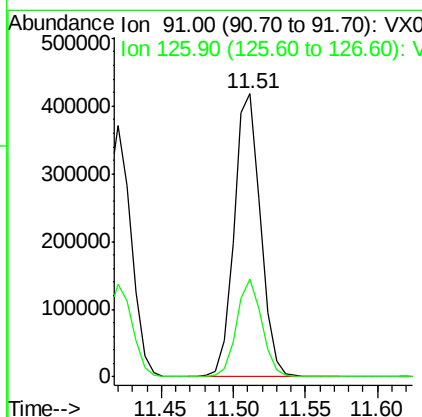
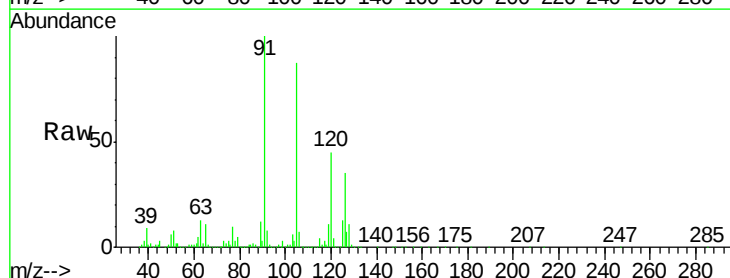
Acq: 10 Dec 2018 12:12

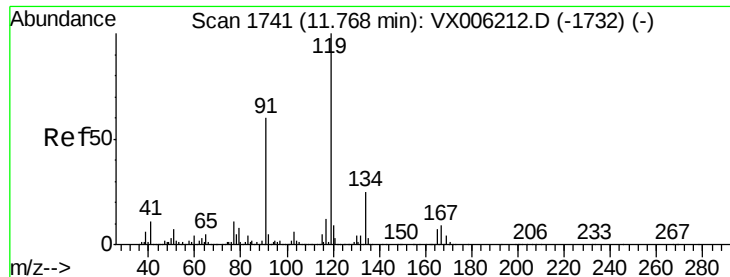
Tgt Ion: 91 Resp: 532437

Ion Ratio Lower Upper

91 100

126 32.9 16.4 49.4





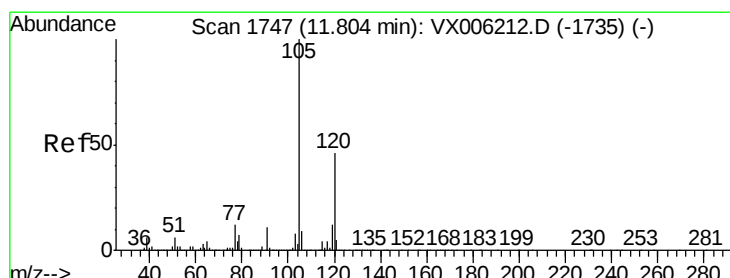
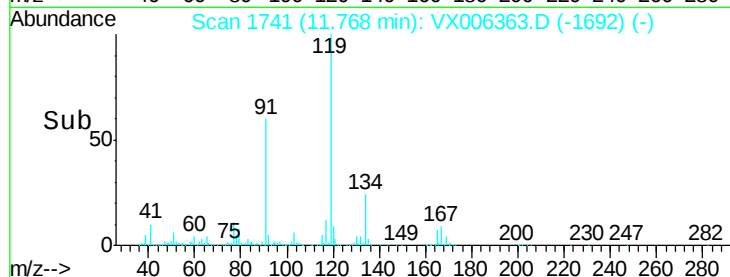
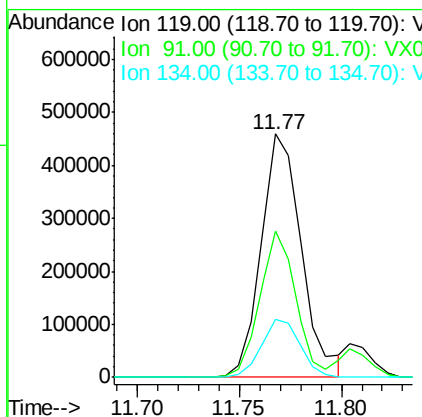
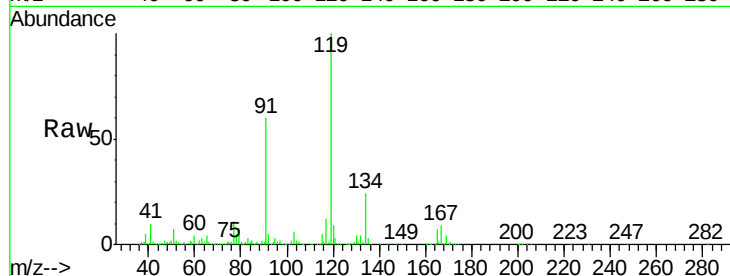
#83
tert-Butylbenzene
Concen: 20.325 ug/l
RT: 11.77 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VX006363.D
Acq: 10 Dec 2018 12:12

Instrument :
MSVOA_X
ClientSampleId :
VX1210WBS01

Tot Ion	Ratio	Resp	Lower	Upper
119	100	632618		
91	53.7	26.4	79.2	
134	22.8	11.6	34.7	

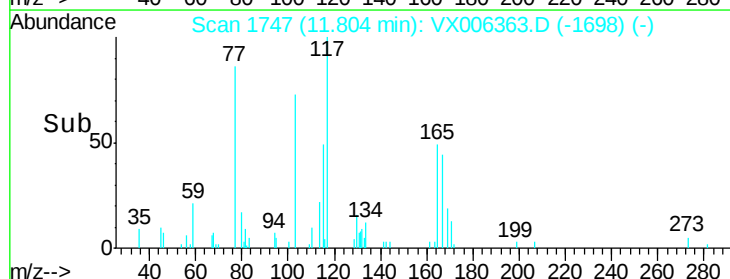
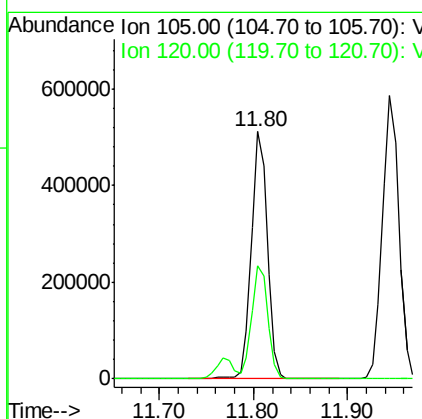
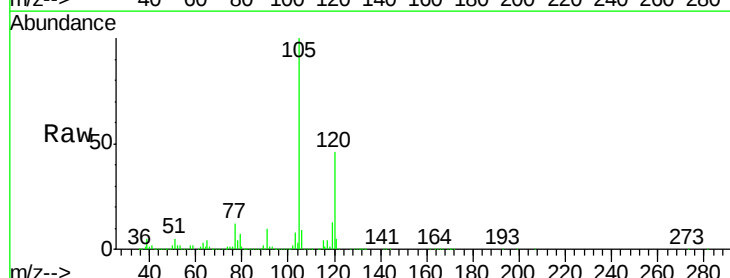
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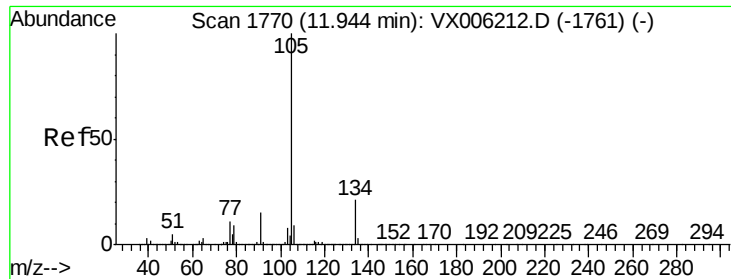
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#84
1,2,4-Trimethylbenzene
Concen: 20.384 ug/l
RT: 11.80 min Scan# 1747
Delta R.T. 0.00 min
Lab File: VX006363.D
Acq: 10 Dec 2018 12:12

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	614041		
120	46.0	23.4	70.0	





#85

sec-Butylbenzene

Concen: 20.259 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. 0.00 min

Lab File: VX006363.D

Acq: 10 Dec 2018 12:12

Instrument :

MSVOA_X

ClientSampleId :

VX1210WBS01

Tot Ion:105 Resp: 717349

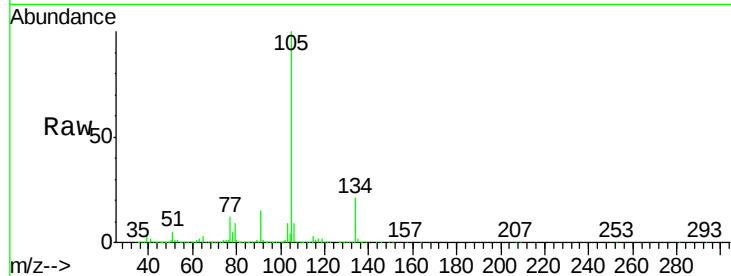
Ion Ratio Lower Upper

105 100

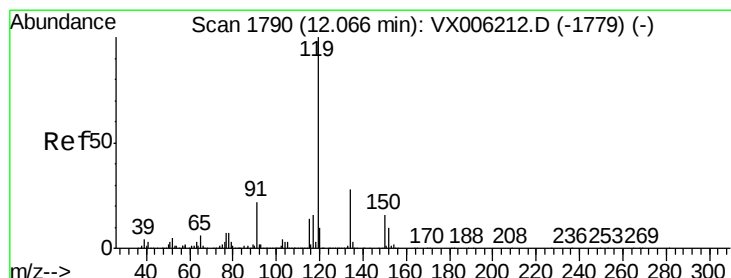
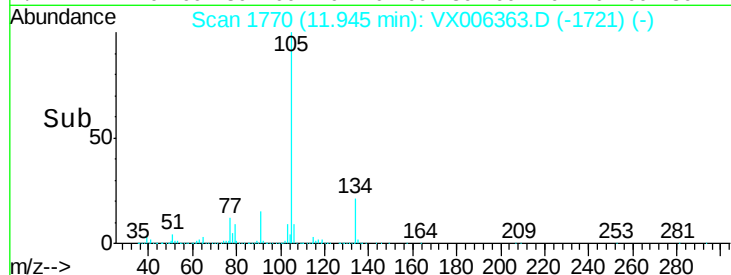
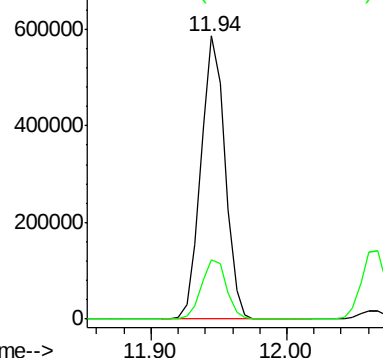
134 21.9 10.8 32.4

Manual Integrations
APPROVED

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Abundance Ion 105.00 (104.70 to 105.70): V
Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 20.123 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. -0.01 min

Lab File: VX006363.D

Acq: 10 Dec 2018 12:12

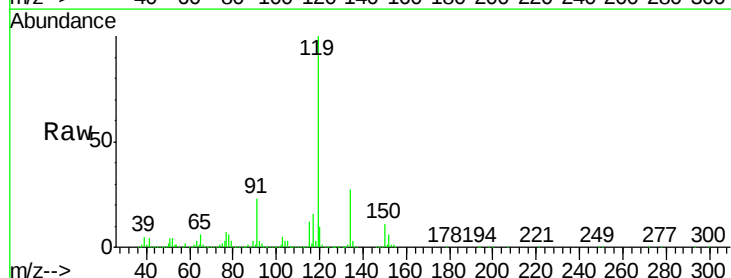
Tgt Ion:119 Resp: 641618

Ion Ratio Lower Upper

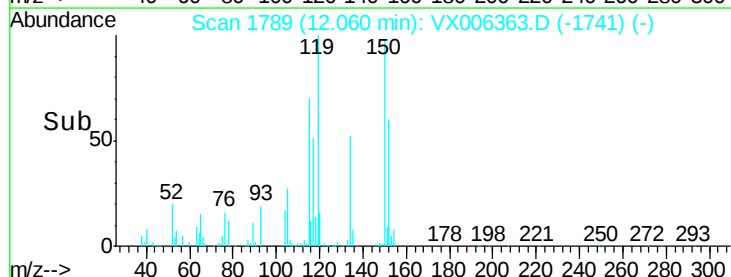
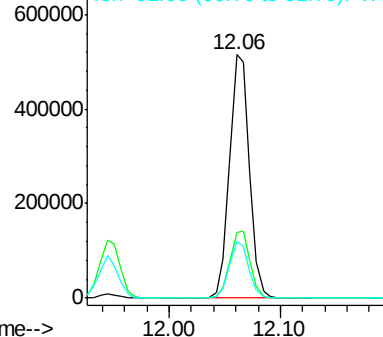
119 100

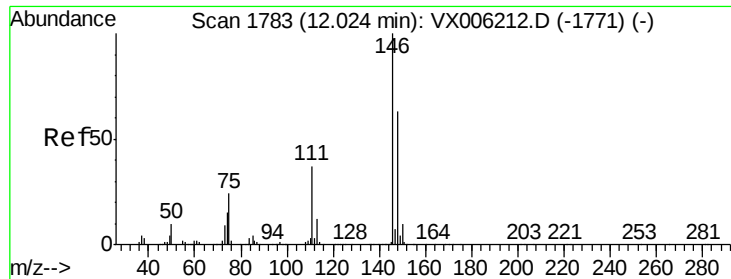
134 27.9 13.9 41.6

91 22.7 11.3 33.8



Abundance Ion 119.00 (118.70 to 119.70): V
Ion 134.00 (133.70 to 134.70): V
Ion 91.00 (90.70 to 91.70): V





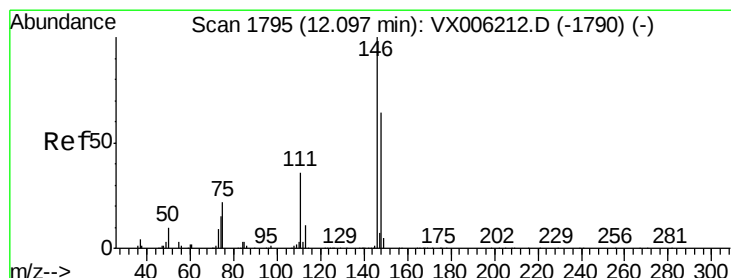
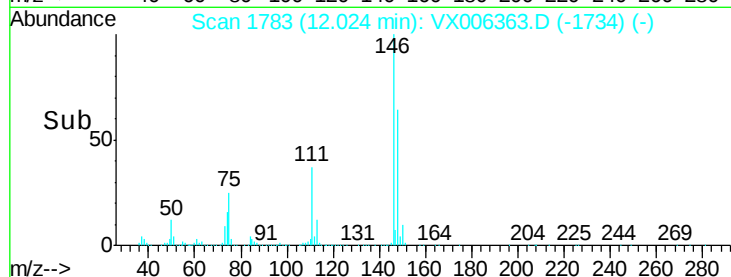
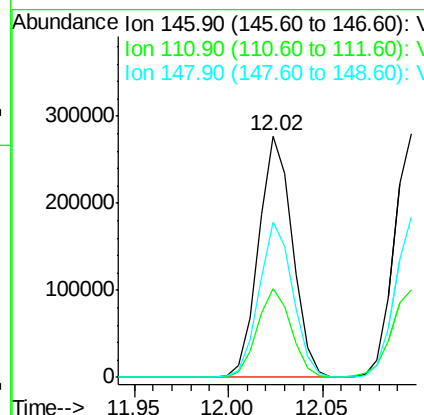
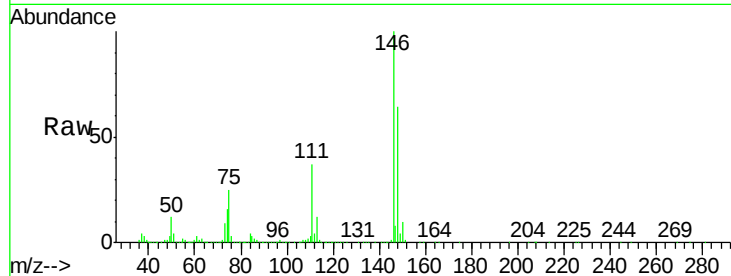
#87
 1,3-Dichlorobenzene
 Concen: 19.961 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. 0.00 min
 Lab File: VX006363.D
 Acq: 10 Dec 2018 12:12

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1210WBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	36.7	18.4	55.2
148	64.0	32.0	96.0

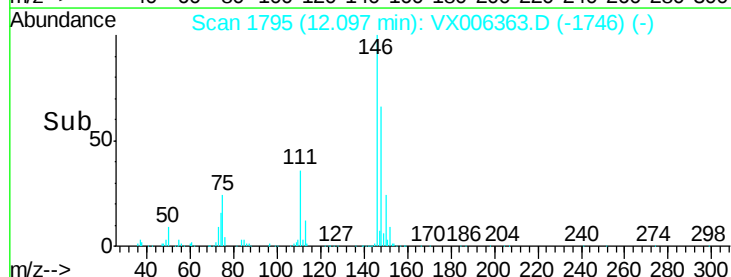
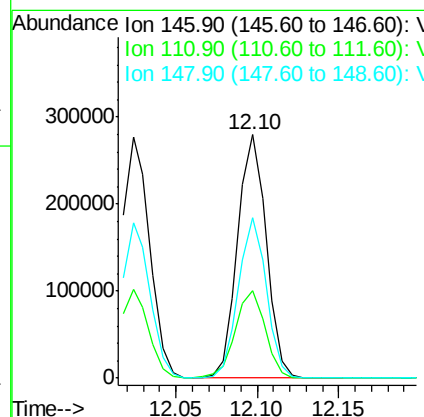
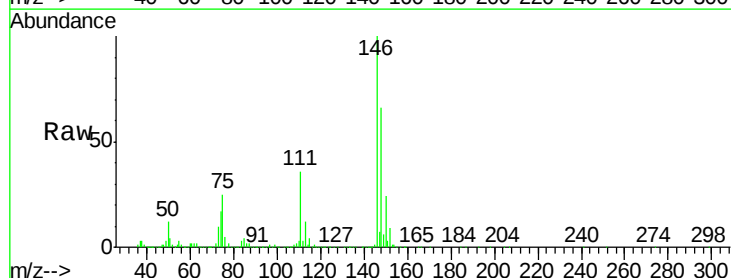
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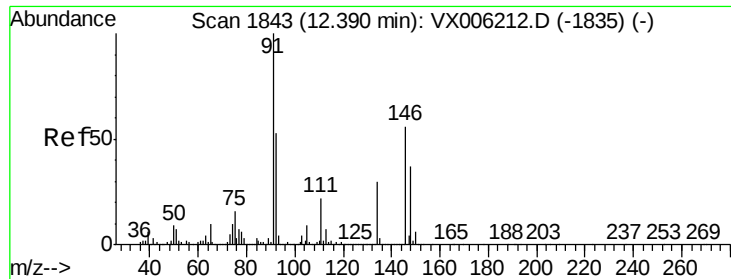
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#88
 1,4-Dichlorobenzene
 Concen: 19.521 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. 0.00 min
 Lab File: VX006363.D
 Acq: 10 Dec 2018 12:12

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.5	18.3	54.8
148	64.3	31.9	95.9





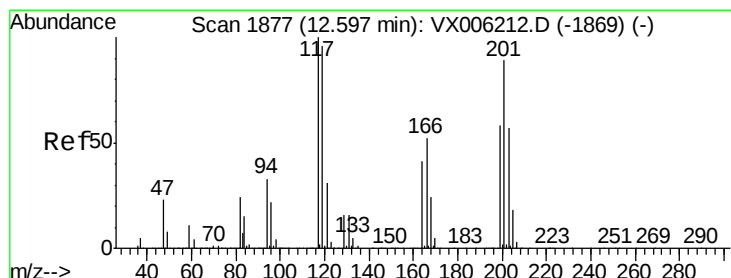
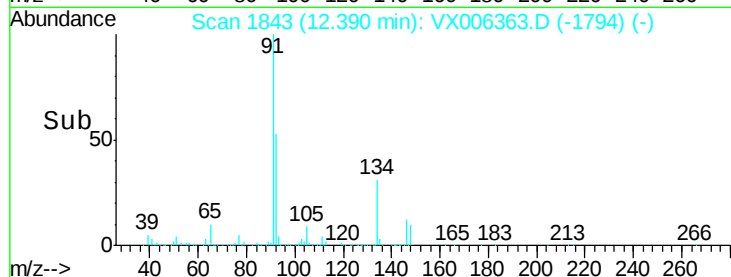
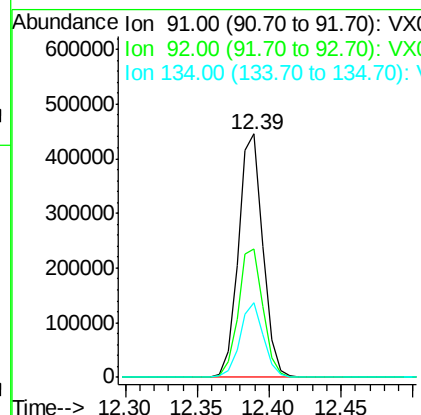
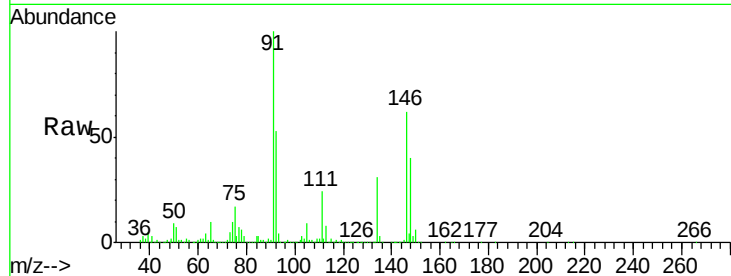
#89
n-Butylbenzene
Concen: 19.432 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. 0.00 min
Lab File: VX006363.D
Acq: 10 Dec 2018 12:12

Instrument :
MSVOA_X
ClientSampleId :
VX1210WBS01

Tot Ion	Ratio	Lower	Upper
91	100		
92	53.5	26.6	79.8
134	29.4	14.8	44.3

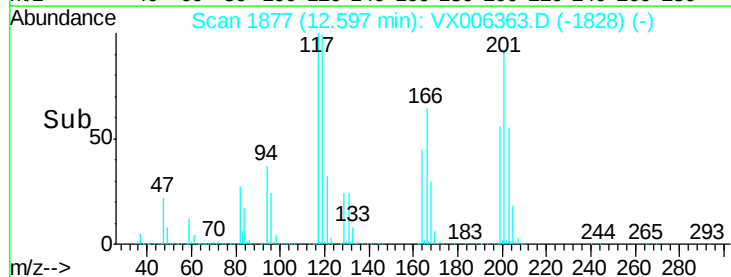
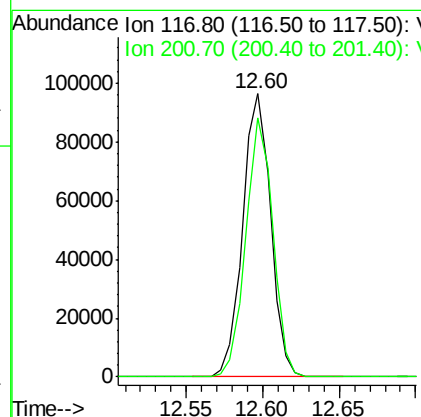
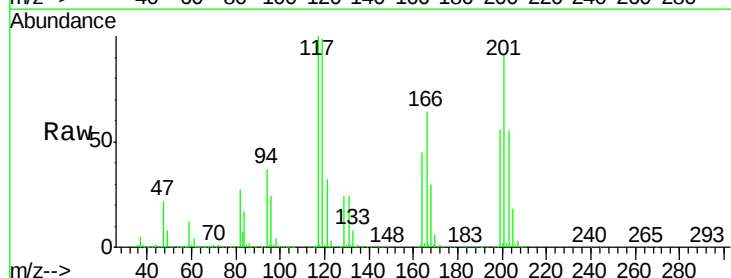
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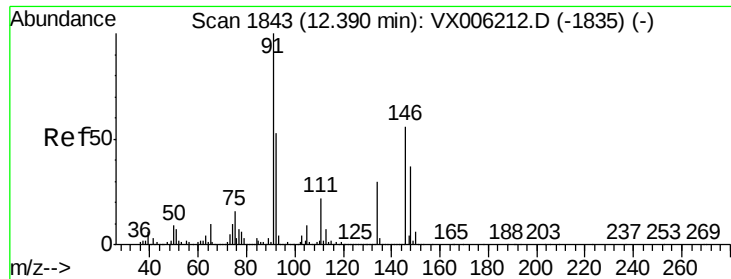
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#90
Hexachloroethane
Concen: 18.819 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. 0.00 min
Lab File: VX006363.D
Acq: 10 Dec 2018 12:12

Tgt Ion	Ratio	Lower	Upper
117	100		
201	88.3	44.7	134.1





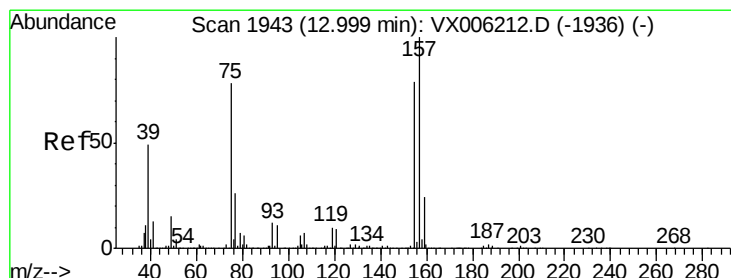
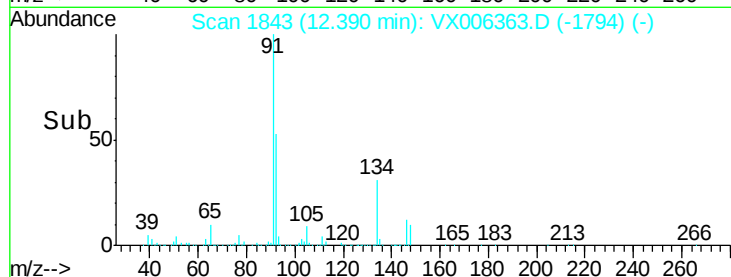
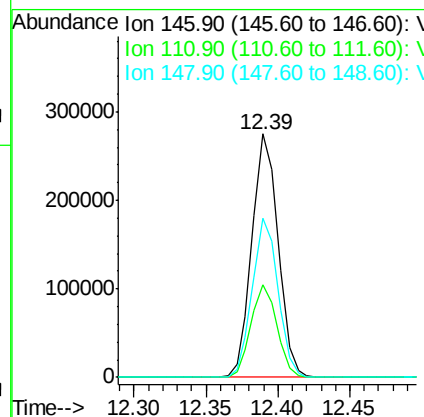
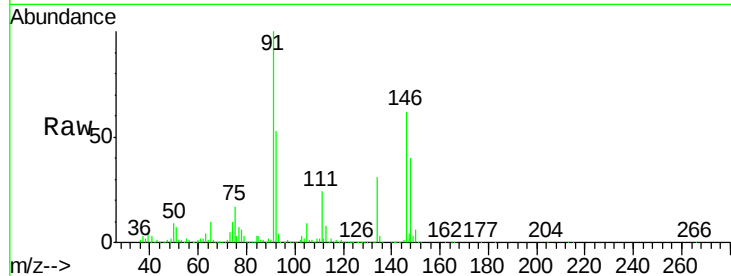
#91
 1,2-Dichlorobenzene
 Concen: 20.051 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. 0.00 min
 Lab File: VX006363.D
 Acq: 10 Dec 2018 12:12

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1210WBS01

Tot Ion	Ratio	Resp	Lower	Upper
146	100	344539		
111	38.1	19.1	57.3	
148	64.5	32.1	96.3	

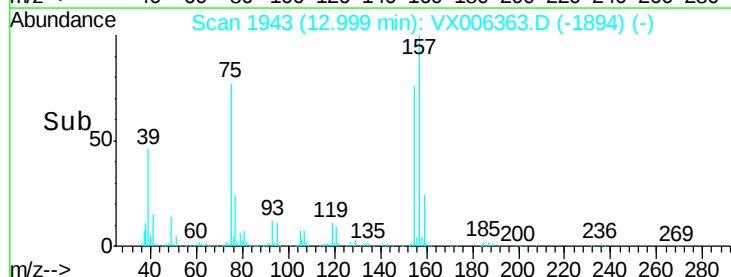
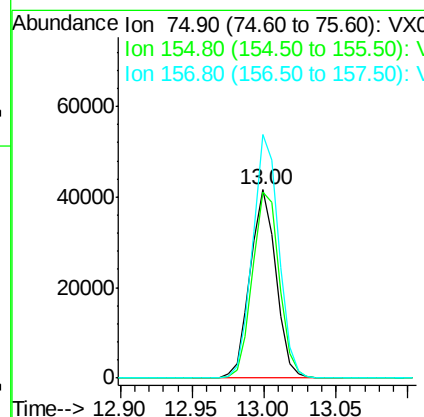
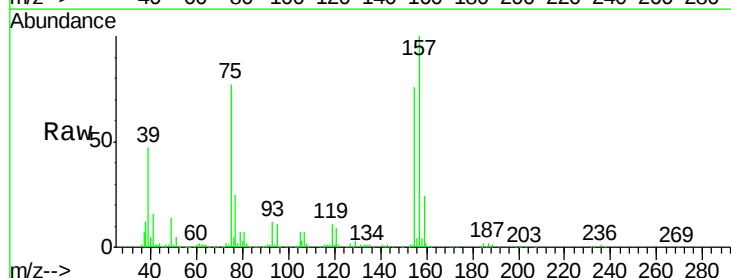
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 17.992 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VX006363.D
 Acq: 10 Dec 2018 12:12

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	51735		
155	102.2	53.4	160.3	
157	129.7	68.0	203.8	





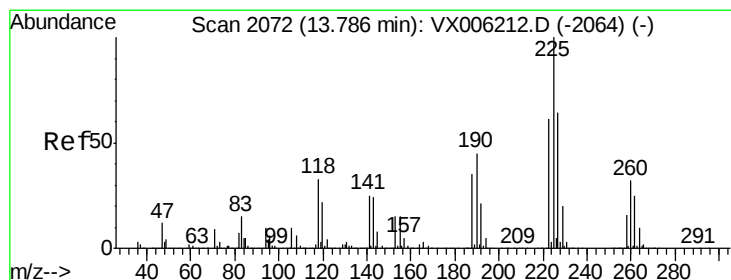
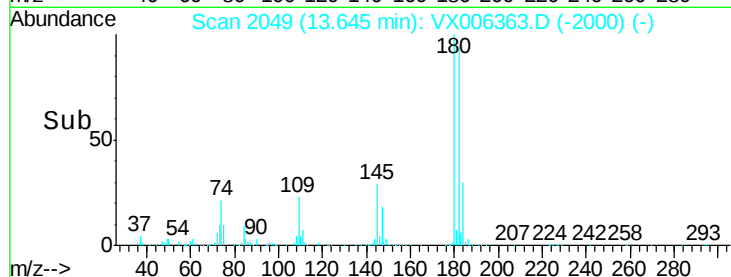
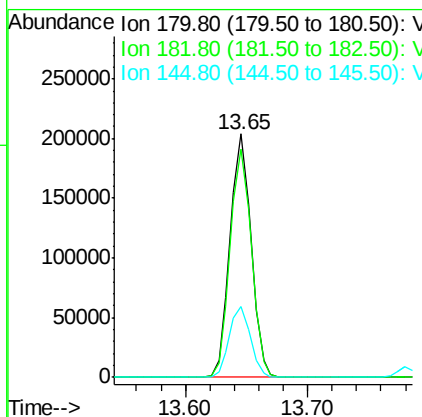
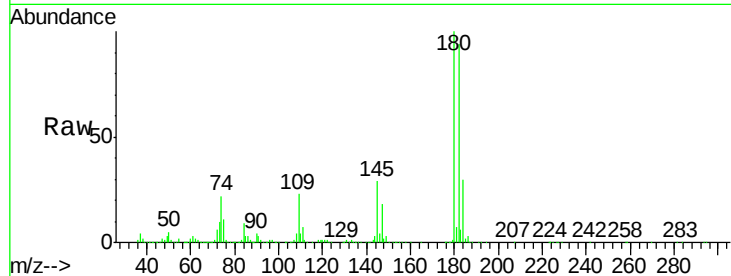
#93
 1,2,4-Trichlorobenzene
 Concen: 19.304 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. 0.00 min
 Lab File: VX006363.D
 Acq: 10 Dec 2018 12:12

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1210WBS01

Tot Ion	Ratio	Resp	Lower	Upper
180	100	241996		
182	94.8	47.3	141.9	
145	29.4	14.6	43.8	

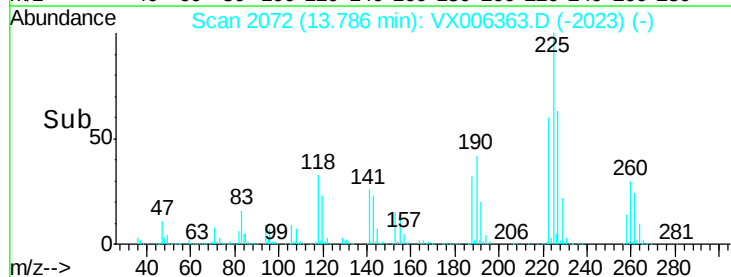
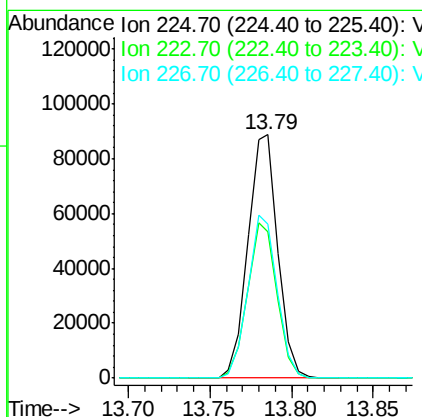
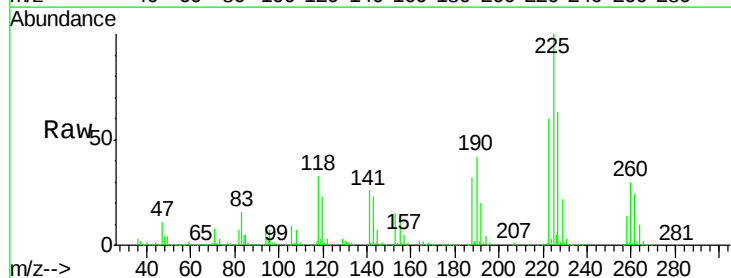
Manual Integrations
 APPROVED

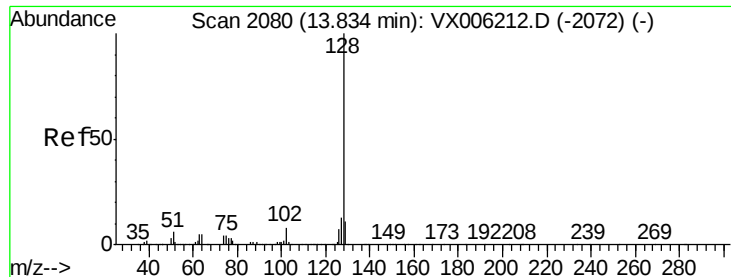
MMDadoda
 12/11/2018 10:54:43 AM



#94
 Hexachlorobutadiene
 Concen: 20.366 ug/l
 RT: 13.79 min Scan# 2072
 Delta R.T. 0.00 min
 Lab File: VX006363.D
 Acq: 10 Dec 2018 12:12

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	112910		
223	63.0	31.2	93.6	
227	65.7	31.9	95.5	





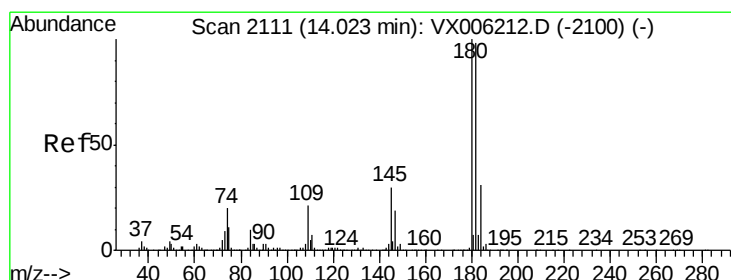
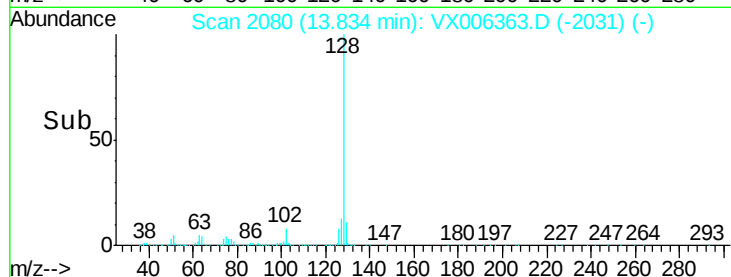
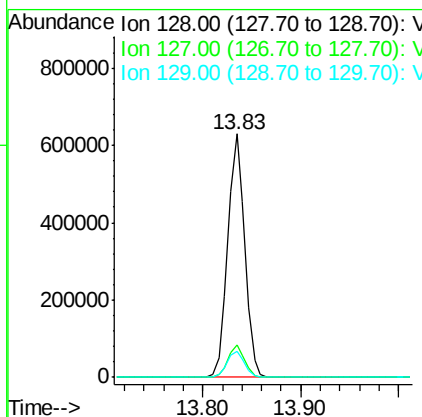
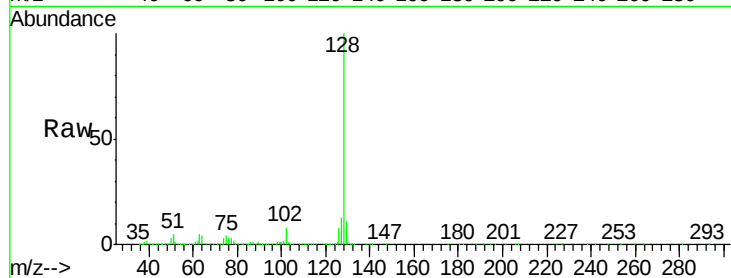
#95
Naphthalene
Concen: 19.434 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VX006363.D
Acq: 10 Dec 2018 12:12

Instrument :
MSVOA_X
ClientSampleId :
VX1210WBS01

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.2	15.4
129	11.0	8.9	13.3

Manual Integrations
APPROVED

MMDadoda
12/11/2018 10:54:43 AM



#96
1,2,3-Trichlorobenzene
Concen: 19.665 ug/l
RT: 14.02 min Scan# 2110
Delta R.T. -0.01 min
Lab File: VX006363.D
Acq: 10 Dec 2018 12:12

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.3	48.4	145.2
145	31.9	15.6	46.8

