

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX121718\
 Data File : VX006563.D
 Acq On : 17 Dec 2018 10:59
 Operator : JC/MD
 Sample : VX1217WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1217WBS01

Manual Integrations
 APPROVED

MMDadoda
 12/18/2018 9:44:43 AM

Quant Time: Dec 18 00:52:44 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	5.66	168	601490	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	923490	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	834367	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	441170	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	302802	49.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.62%	
35) Dibromofluoromethane	5.50	113	277026	46.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.66%	
50) Toluene-d8	8.71	98	1005444	46.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.46%	
62) 4-Bromofluorobenzene	11.13	95	386049	47.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.20%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	112627	19.124	ug/l	95
3) Chloromethane	1.33	50	114145	18.860	ug/l	95
4) Vinyl Chloride	1.41	62	123085	18.896	ug/l	99
5) Bromomethane	1.64	94	106239	23.534	ug/l	99
6) Chloroethane	1.72	64	79421	19.886	ug/l	98
7) Trichlorofluoromethane	1.93	101	198272	19.830	ug/l	100
8) Diethyl Ether	2.19	74	74411	19.664	ug/l	90
9) 1,1,2-Trichlorotrifluoroet	2.39	101	116493	20.490	ug/l	98
10) Methyl Iodide	2.51	142	142026	16.576	ug/l	100
11) Tert butyl alcohol	3.06	59	148158	88.230	ug/l	99
12) 1,1-Dichloroethene	2.38	96	106327	19.536	ug/l	89
13) Acrolein	2.29	56	82882	90.305	ug/l	99
14) Allyl chloride	2.73	41	185194	17.225	ug/l	97
15) Acrylonitrile	3.15	53	324817	92.696	ug/l	99
16) Acetone	2.45	43	300556	104.303	ug/l	99
17) Carbon Disulfide	2.57	76	301532	17.979	ug/l	99
18) Methyl Acetate	2.78	43	180079	18.687	ug/l	97
19) Methyl tert-butyl Ether	3.20	73	365513	18.825	ug/l	99
20) Methylene Chloride	2.86	84	117452	19.152	ug/l	95
21) trans-1,2-Dichloroethene	3.17	96	111479	19.220	ug/l	95
22) Diisopropyl ether	3.87	45	348714	20.765	ug/l	96
23) Vinyl Acetate	3.82	43	1424702	99.468	ug/l	97
24) 1,1-Dichloroethane	3.70	63	202867	21.135	ug/l	99
25) 2-Butanone	4.70	43	422008	102.638	ug/l	99
26) 2,2-Dichloropropane	4.58	77	165243	18.654	ug/l	100
27) cis-1,2-Dichloroethene	4.59	96	132167	20.429	ug/l	99
28) Bromochloromethane	5.02	49	82748	19.737	ug/l	96
29) Tetrahydrofuran	5.15	42	274475	96.052	ug/l	97
30) Chloroform	5.21	83	209410	20.761	ug/l	94
31) Cyclohexane	5.57	56	180780	20.380	ug/l	98
32) 1,1,1-Trichloroethane	5.49	97	185438	19.322	ug/l	98
36) 1,1-Dichloropropene	5.79	75	155570	20.005	ug/l	99
37) Ethyl Acetate	4.85	43	156264	17.943	ug/l	98
38) Carbon Tetrachloride	5.78	117	160610	17.556	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	206766	20.483	ug/l	97
40) Benzene	6.14	78	466537	20.030	ug/l	100
41) Methacrylonitrile	5.06	41	88952	18.562	ug/l	100
42) 1,2-Dichloroethane	6.20	62	159089	20.869	ug/l	100
43) Isopropyl Acetate	6.46	43	248063	17.084	ug/l	99
44) Trichloroethene	7.21	130	137850	19.536	ug/l	96
45) 1,2-Dichloropropane	7.51	63	113267	19.134	ug/l	97
46) Dibromomethane	7.66	93	83821	19.606	ug/l	95
47) Bromodichloromethane	7.90	83	151888	18.345	ug/l	98
48) Methyl methacrylate	7.77	41	124969	17.691	ug/l	98
49) 1,4-Dioxane	7.75	88	67793	389.388	ug/l	98
51) 4-Methyl-2-Pentanone	8.65	43	823498	97.422	ug/l	100
52) Toluene	8.79	92	306359	19.992	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	166154	17.160	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	181001	18.002	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	128058	20.570	ug/l	99
56) Ethyl methacrylate	9.18	69	169656	17.432	ug/l	99
57) 1,3-Dichloropropane	9.37	76	201881	20.508	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.31	63	417624	84.563	ug/l	100
59) 2-Hexanone	9.49	43	629590	97.489	ug/l	99
60) Dibromochloromethane	9.59	129	128671	16.762	ug/l	98
61) 1,2-Dibromoethane	9.67	107	136753	19.646	ug/l	100
64) Tetrachloroethene	9.34	164	132484	21.084	ug/l	96
65) Chlorobenzene	10.14	112	360216	20.338	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	118652	17.242	ug/l	99
67) Ethyl Benzene	10.25	91	592682	20.119	ug/l	100
68) m/p-Xylenes	10.36	106	481401	40.796	ug/l	99
69) o-Xylene	10.70	106	233389	20.024	ug/l	97
70) Styrene	10.71	104	372858	19.779	ug/l	99
71) Bromoform	10.86	173	97186	14.961	ug/l #	98
73) Isopropylbenzene	11.02	105	626322	20.558	ug/l	98
74) N-amyl acetate	10.90	43	204632	15.597	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.27	83	190439	19.538	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	177162m	20.805	ug/l	
77) Bromobenzene	11.26	156	166193	19.656	ug/l	97
78) n-propylbenzene	11.36	91	687196	20.291	ug/l	100
79) 2-Chlorotoluene	11.42	91	411324	20.434	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	517460	20.413	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	48755	13.436	ug/l #	80
82) 4-Chlorotoluene	11.51	91	470862	20.120	ug/l	100
83) tert-Butylbenzene	11.77	119	510417	18.872	ug/l	94
84) 1,2,4-Trimethylbenzene	11.80	105	528365	20.186	ug/l	100
85) sec-Butylbenzene	11.94	105	639663	20.789	ug/l	99
86) p-Isopropyltoluene	12.06	119	567679	20.489	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	296712	19.722	ug/l	98
88) 1,4-Dichlorobenzene	12.10	146	298951	19.578	ug/l	98
89) n-Butylbenzene	12.38	91	485791	20.549	ug/l	98
90) Hexachloroethane	12.60	117	84654	14.991	ug/l	94
91) 1,2-Dichlorobenzene	12.39	146	296792	19.877	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	13.00	75	40003	16.011	ug/l	87

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	203534	18.684	ug/l	98
94) Hexachlorobutadiene	13.78	225	96127	19.954	ug/l	98
95) Naphthalene	13.83	128	637783	18.822	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	207761	19.256	ug/l	97

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

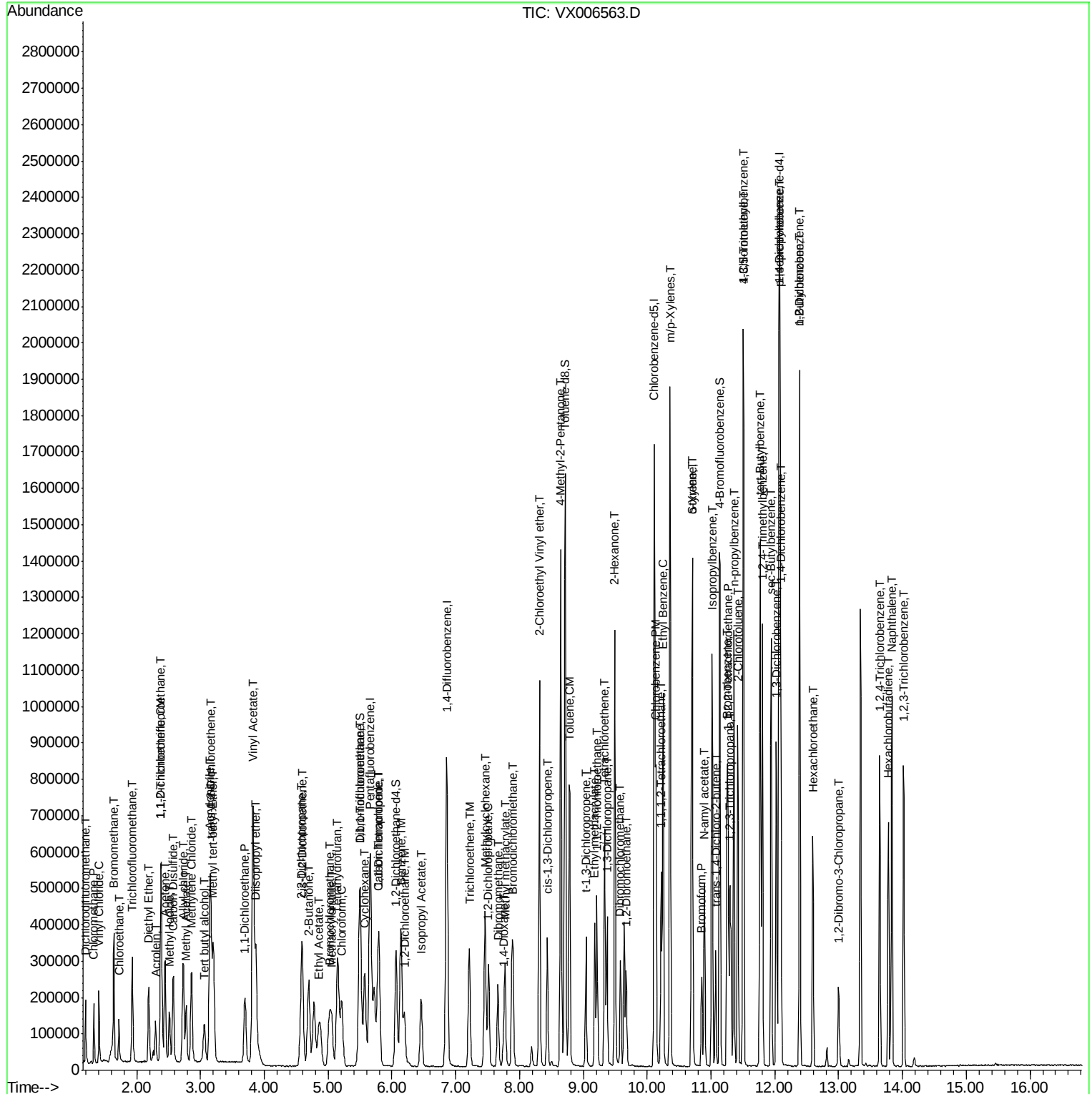
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX121718\
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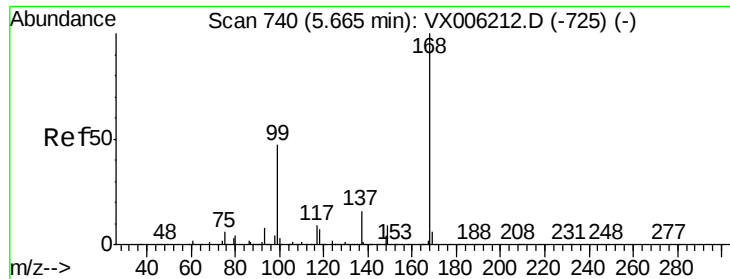
Instrument :
MSVOA_X
Client Sampled :
VX1217WBS01

Manual Integrations
APPROVED

MMDadoda
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X112918W.M
Quant Title : SW846 8260
QLast Update : Fri Nov 30 03:55:33 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.01 min

Lab File: VX006563.D

Acq: 17 Dec 2018 10:59

Instrument :

MSVOA_X

ClientSampleId :

VX1217WBS01

Tot Ion:168 Resp: 601490

Ion Ratio Lower Upper

168 100

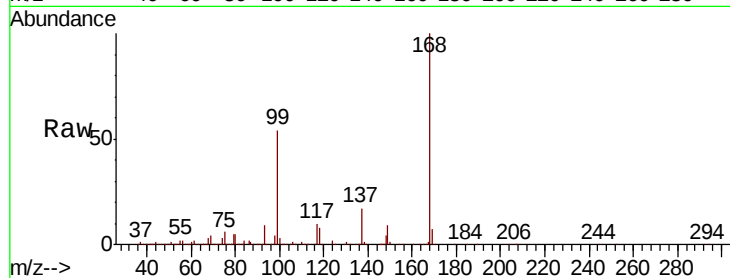
99 54.4 37.8 56.8

Manual Integrations

APPROVED

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12/18/2018 9:44:43 AM



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

250000

200000

150000

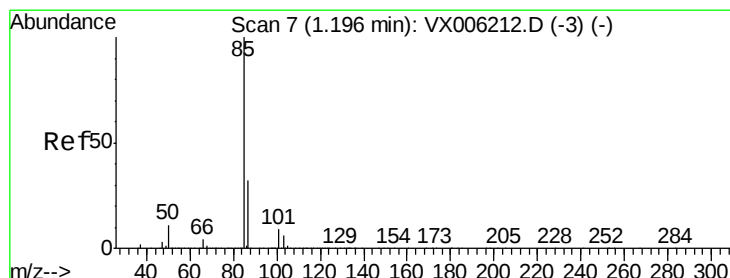
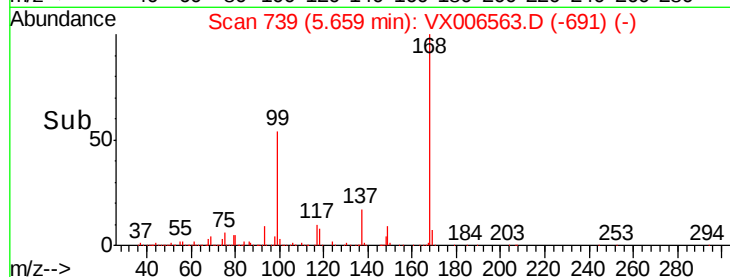
100000

50000

0

5.50 5.60 5.70 5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 19.124 ug/l

RT: 1.20 min Scan# 7

Delta R.T. 0.00 min

Lab File: VX006563.D

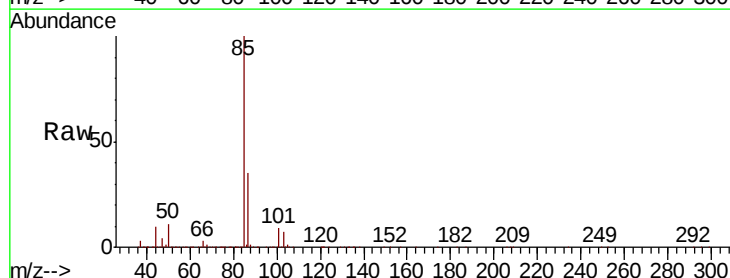
Acq: 17 Dec 2018 10:59

Tgt Ion: 85 Resp: 112627

Ion Ratio Lower Upper

85 100

87 35.2 16.1 48.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

100000

80000

60000

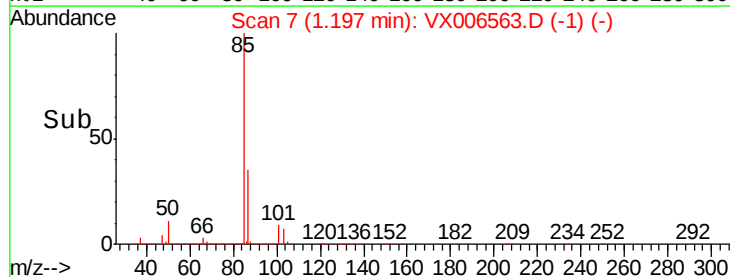
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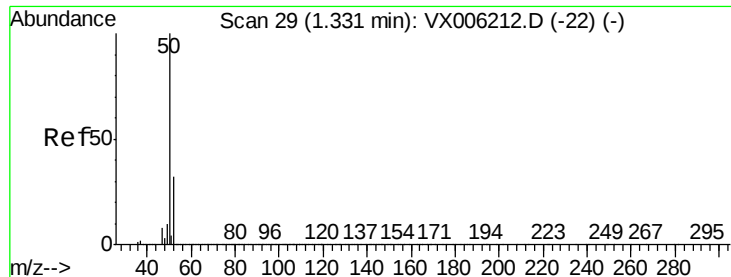
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0

1.15 1.20 1.25 1.30

Time-->





#3

Chloromethane

Concen: 18.860 ug/l

RT: 1.33 min Scan# 29

Delta R.T. 0.00 min

Lab File: VX006563.D

Acq: 17 Dec 2018 10:59

Instrument :

MSVOA_X

ClientSampleId :

VX1217WBS01

Tot Ion: 50 Resp: 114145

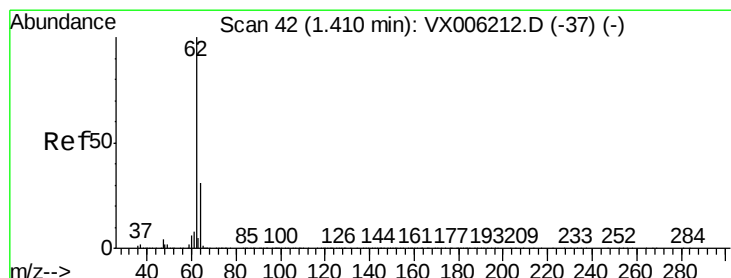
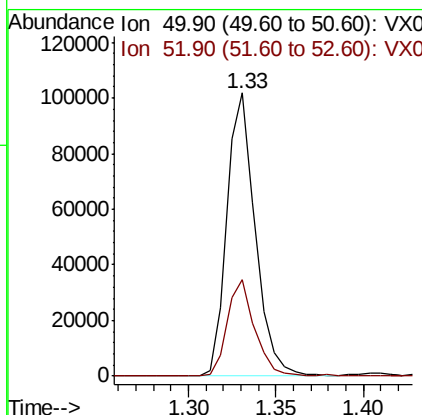
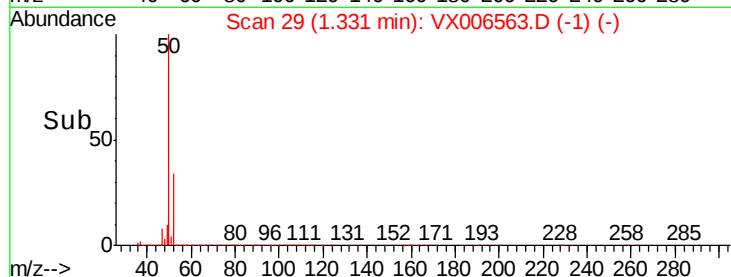
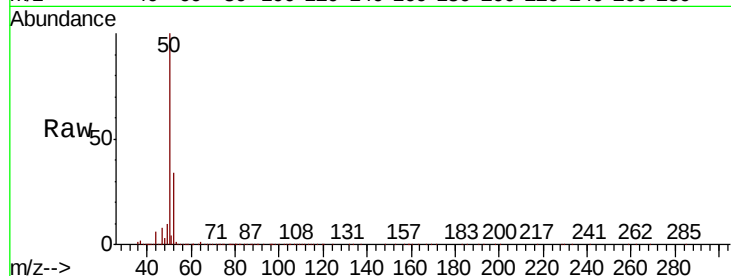
Ion Ratio Lower Upper

50 100

52 34.1 25.2 37.8

Manual Integrations
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12/18/2018 9:44:43 AM



#4

Vinyl Chloride

Concen: 18.896 ug/l

RT: 1.41 min Scan# 42

Delta R.T. 0.00 min

Lab File: VX006563.D

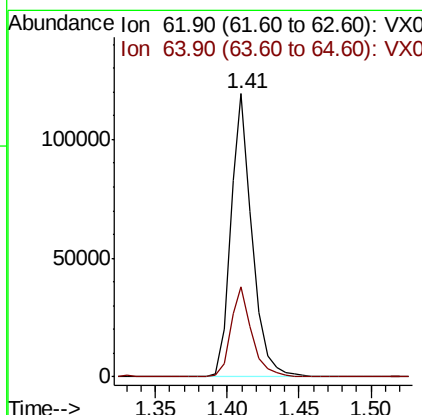
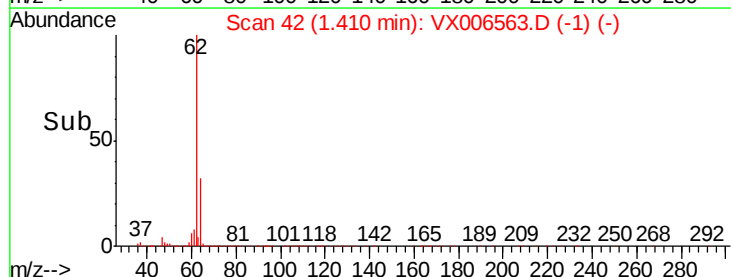
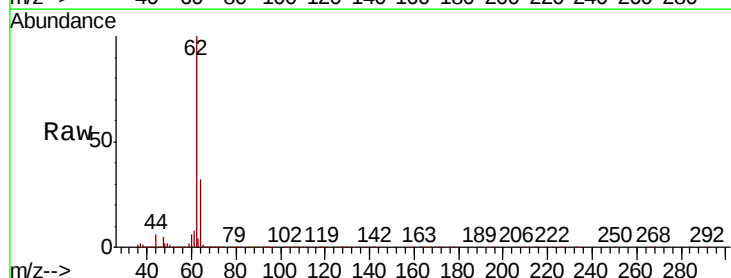
Acq: 17 Dec 2018 10:59

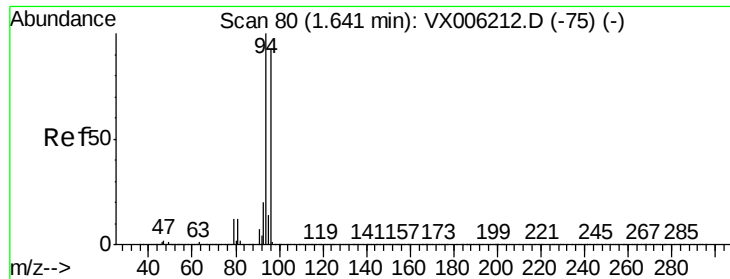
Tgt Ion: 62 Resp: 123085

Ion Ratio Lower Upper

62 100

64 31.6 24.9 37.3





#5

Bromomethane

Concen: 23.534 ug/l

RT: 1.64 min Scan# 80

Delta R.T. 0.00 min

Lab File: VX006563.D

Acq: 17 Dec 2018 10:59

Instrument :

MSVOA_X

ClientSampleId :

VX1217WBS01

Tot Ion: 94 Resp: 106239

Ion Ratio Lower Upper

94 100

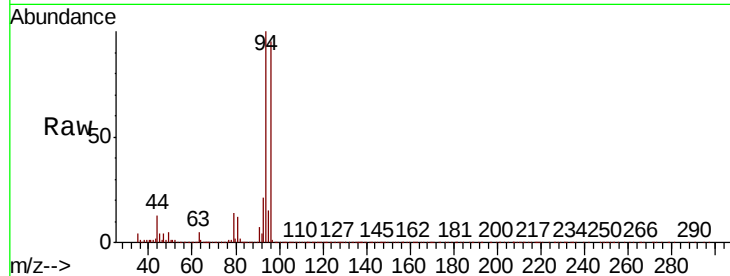
96 94.5 74.5 111.7

Manual Integrations

APPROVED

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12/18/2018 9:44:43 AM



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.64

120000

100000

80000

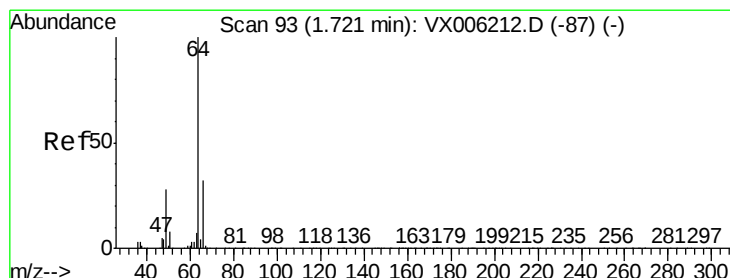
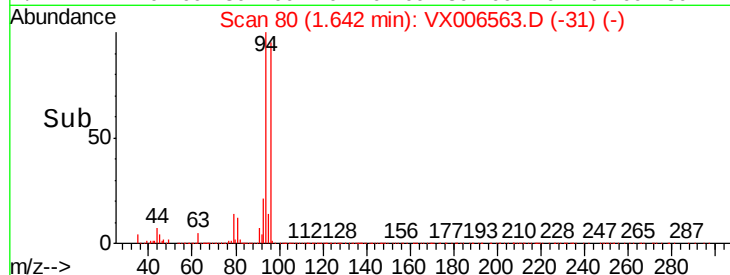
60000

40000

20000

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Time-->



#6

Chloroethane

Concen: 19.886 ug/l

RT: 1.72 min Scan# 93

Delta R.T. 0.00 min

Lab File: VX006563.D

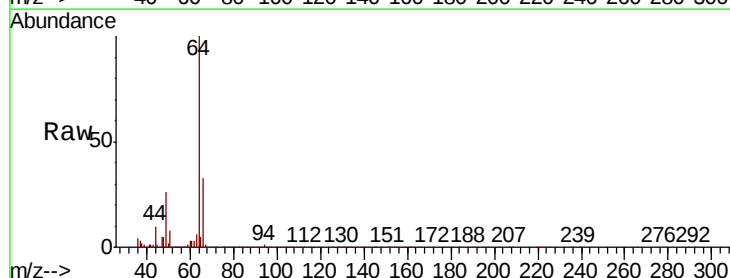
Acq: 17 Dec 2018 10:59

Tgt Ion: 64 Resp: 79421

Ion Ratio Lower Upper

64 100

66 33.3 25.9 38.9



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

1.72

60000

50000

40000

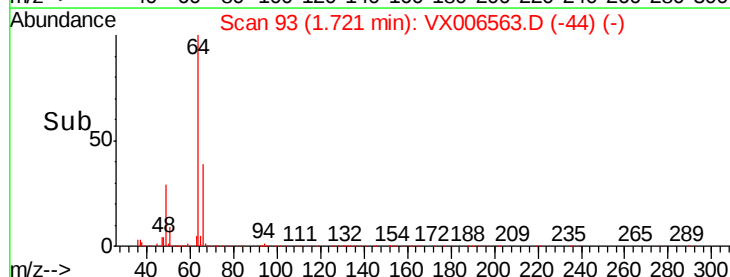
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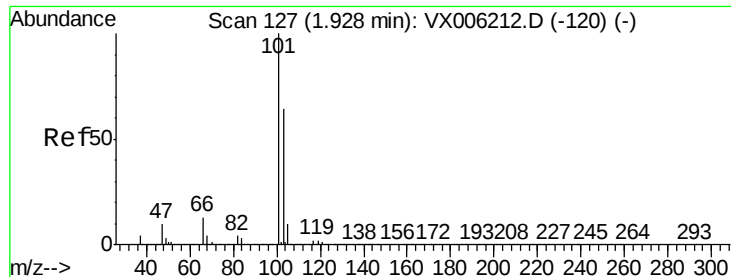
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10000

0

Time-->





#7

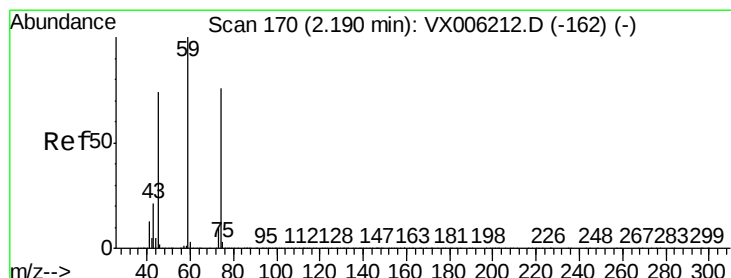
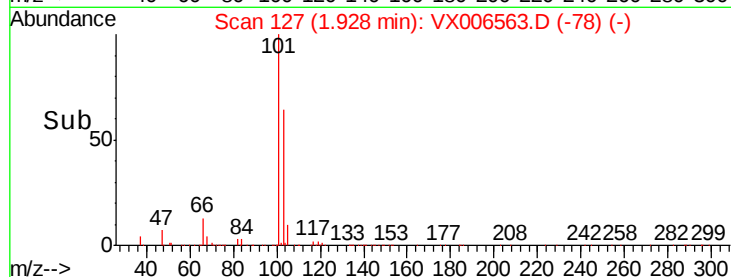
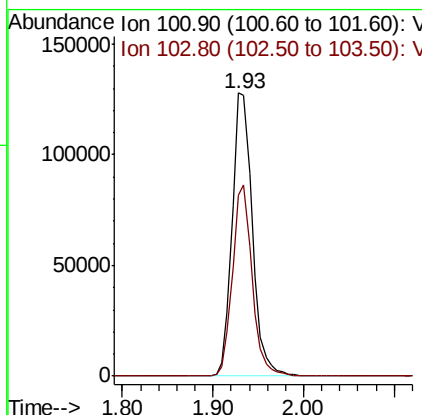
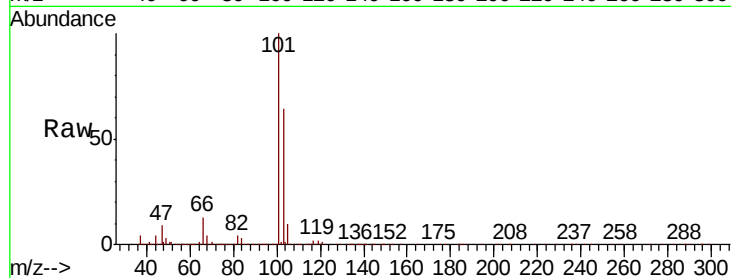
Trichlorofluoromethane
Concen: 19.830 ug/l
RT: 1.93 min Scan# 127
Delta R.T. 0.00 min
Lab File: VX006563.D
Acq: 17 Dec 2018 10:59

Instrument :
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ClientSampleId :
VX1217WBS01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
101	100		198272		
103	63.7	51.0	76.4		

Manual Integrations
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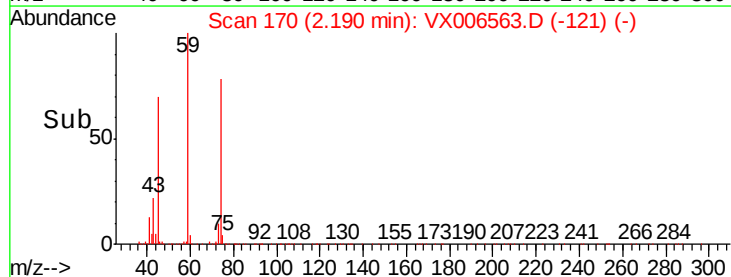
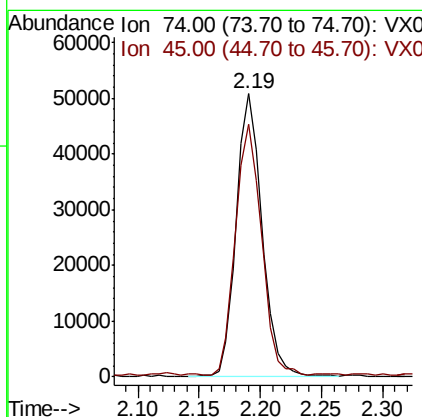
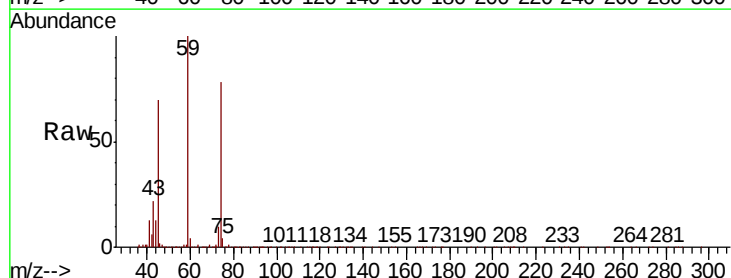
MMDadoda
12/18/2018 9:44:43 AM

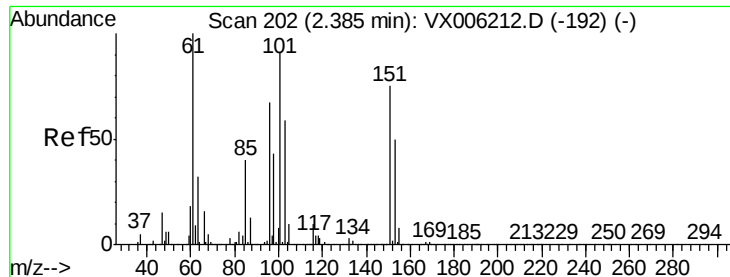


#8

Diethyl Ether
Concen: 19.664 ug/l
RT: 2.19 min Scan# 170
Delta R.T. 0.00 min
Lab File: VX006563.D
Acq: 17 Dec 2018 10:59

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
74	100		74411		
45	89.4	49.5	148.7		





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.490 ug/l

RT: 2.39 min Scan# 202

Delta R.T. 0.00 min

Lab File: VX006563.D

Acq: 17 Dec 2018 10:59

Instrument :

MSVOA_X

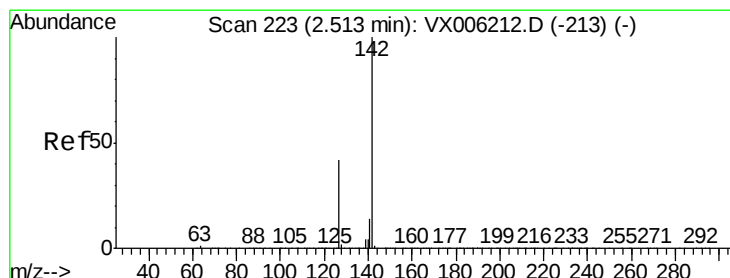
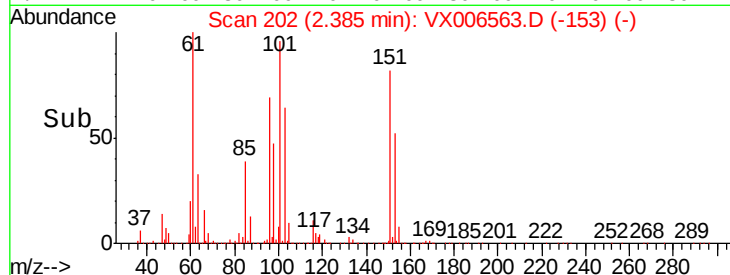
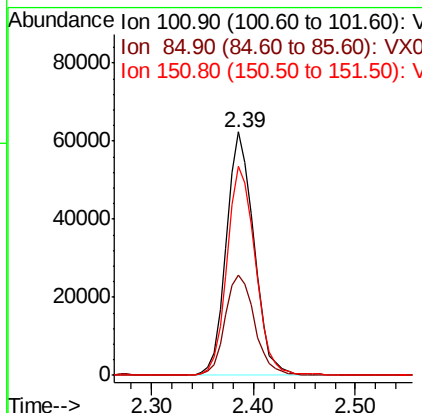
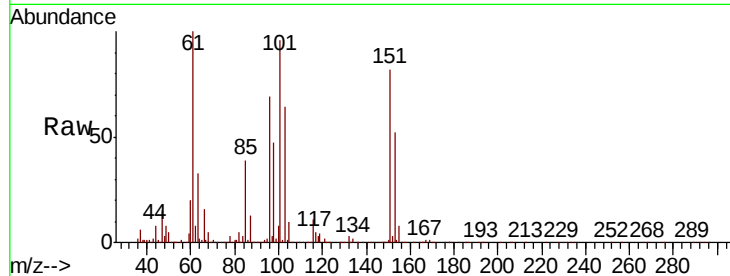
ClientSampleId :

VX1217WBS01

Tot Ion:	101	Resp:	116493
Ion Ratio	Lower	Upper	
101	100		
85	44.2	35.5	53.3
151	88.0	68.6	103.0

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#10

Methyl Iodide

Concen: 16.576 ug/l

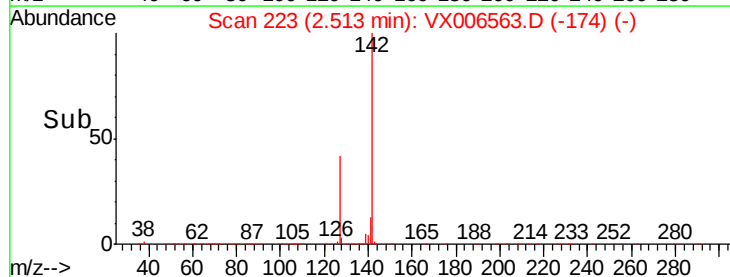
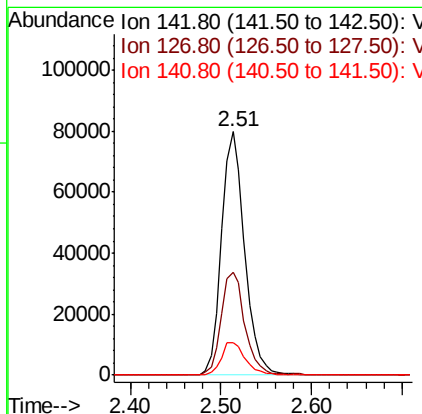
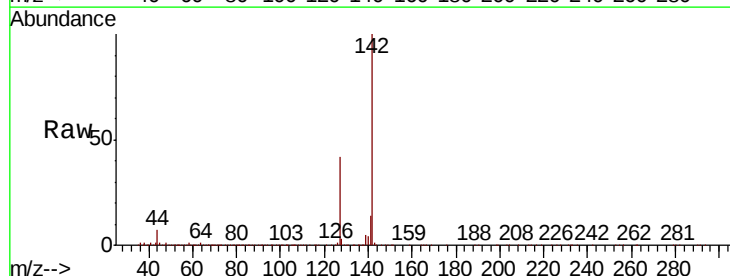
RT: 2.51 min Scan# 223

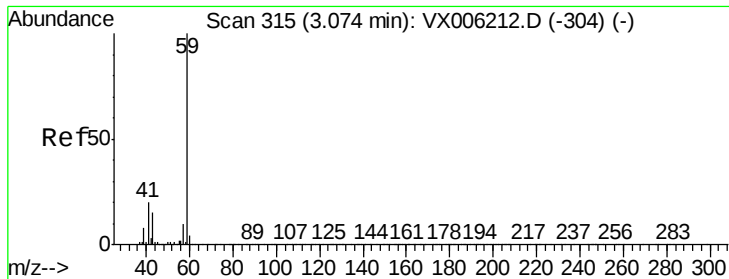
Delta R.T. 0.00 min

Lab File: VX006563.D

Acq: 17 Dec 2018 10:59

Tgt Ion:	142	Resp:	142026
Ion Ratio	Lower	Upper	
142	100		
127	43.3	34.8	52.2
141	14.3	11.4	17.2





#11

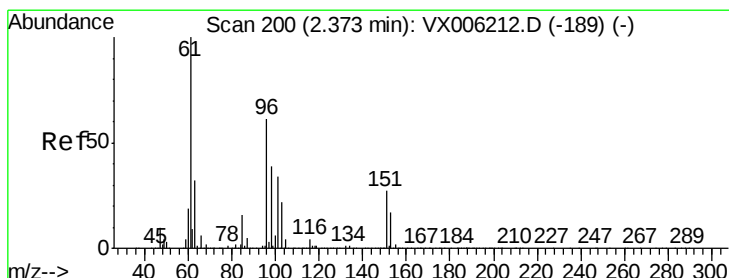
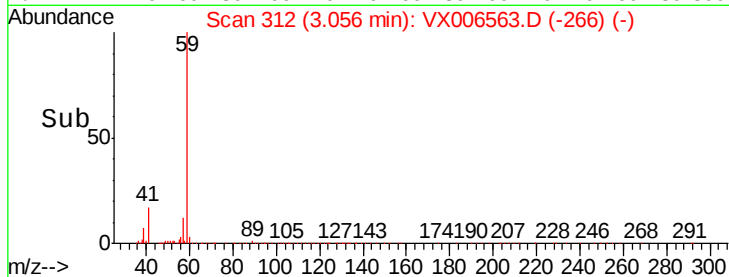
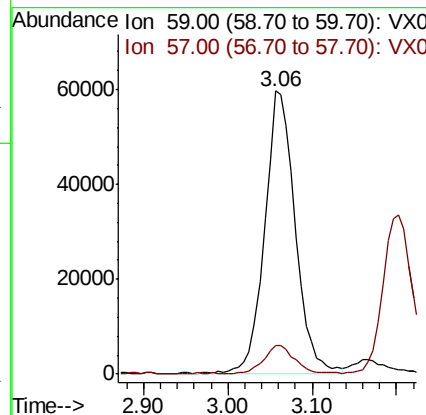
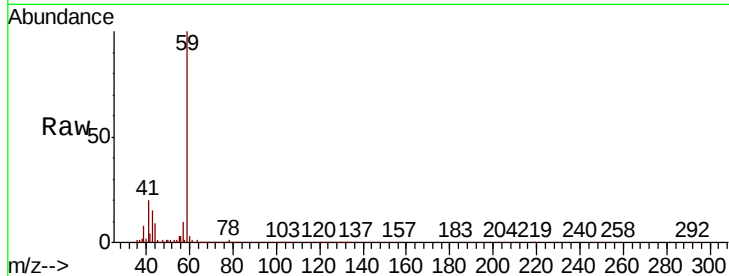
Tert butyl alcohol
Concen: 88.230 ug/l
RT: 3.06 min Scan# 312
Delta R.T. -0.02 min
Lab File: VX006563.D
Acq: 17 Dec 2018 10:59

Instrument :
MSVOA_X
ClientSampleId :
VX1217WBS01

Tot Ion	Ion	Ratio	Lower	Upper
59	59	100		
57	57	9.8	8.2	12.2

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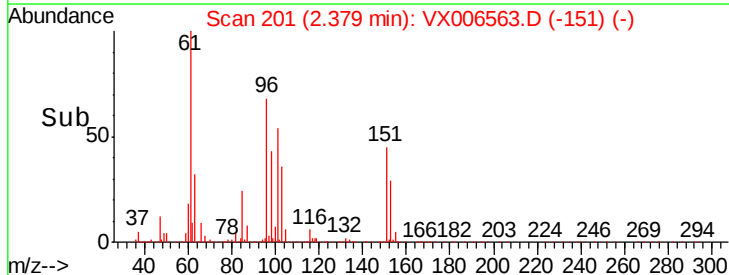
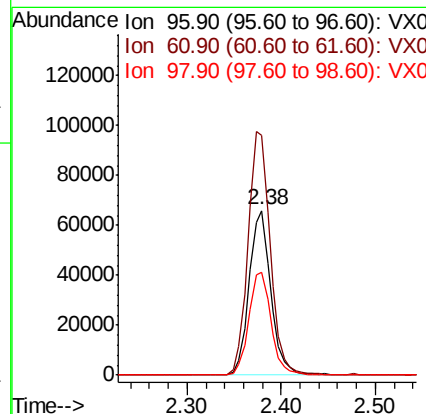
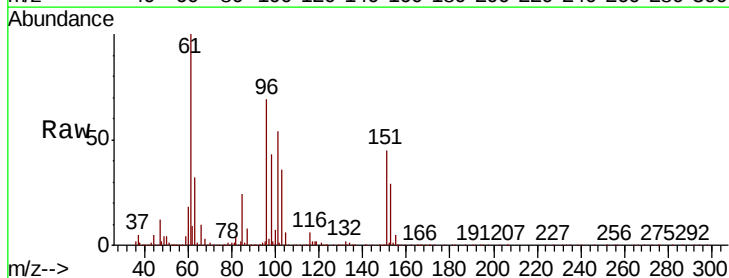
MMDadoda
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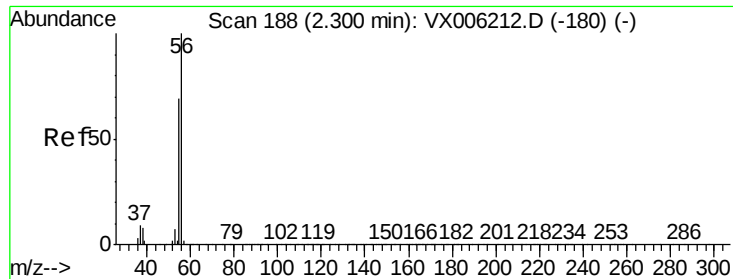


#12

1,1-Dichloroethene
Concen: 19.536 ug/l
RT: 2.38 min Scan# 201
Delta R.T. 0.01 min
Lab File: VX006563.D
Acq: 17 Dec 2018 10:59

Tgt Ion	Ion	Ratio	Lower	Upper
96	96	100		
61	61	145.7	131.7	197.5
98	98	62.4	51.8	77.6





#13

Acrolein

Concen: 90.305 ug/l

RT: 2.29 min Scan# 187

Delta R.T. -0.01 min

Lab File: VX006563.D

Acq: 17 Dec 2018 10:59

Instrument :

MSVOA_X

ClientSampleId :

VX1217WBS01

Tot Ion: 56 Resp: 82882

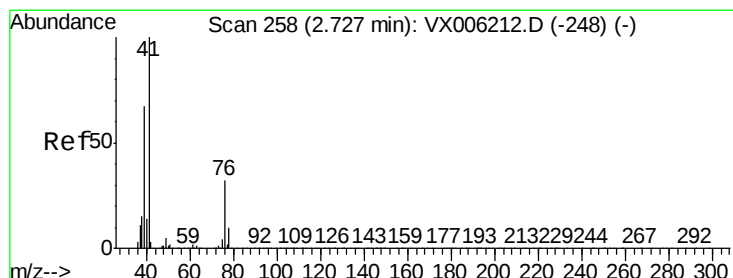
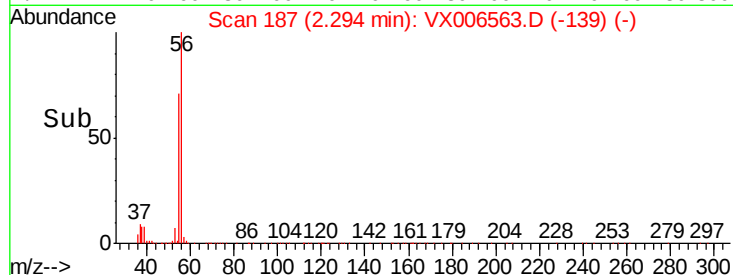
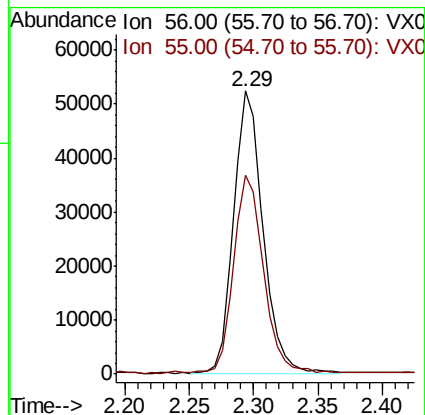
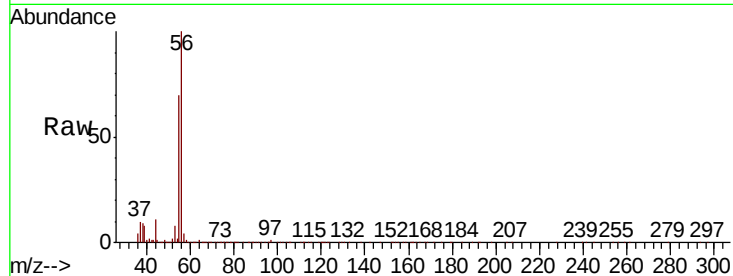
Ion Ratio Lower Upper

56 100

55 71.5 57.8 86.6

Manual Integrations
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#14

Allyl chloride

Concen: 17.225 ug/l

RT: 2.73 min Scan# 258

Delta R.T. 0.00 min

Lab File: VX006563.D

Acq: 17 Dec 2018 10:59

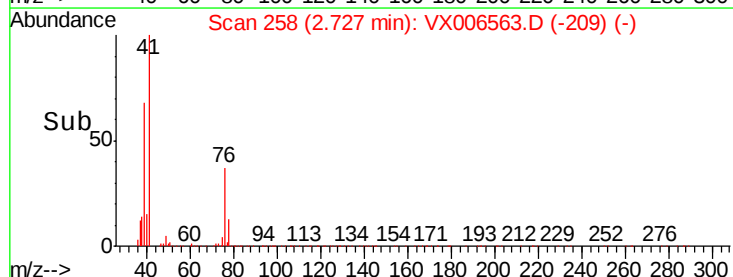
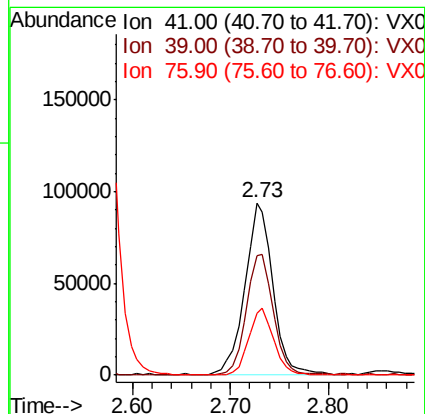
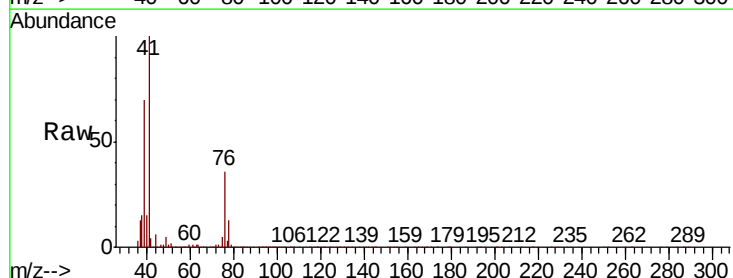
Tgt Ion: 41 Resp: 185194

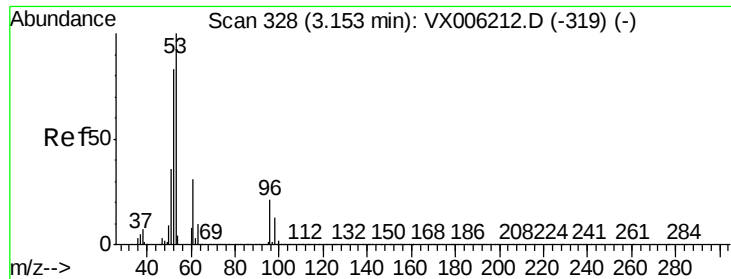
Ion Ratio Lower Upper

41 100

39 67.1 52.4 78.6

76 34.1 25.4 38.0





#15

Acrylonitrile

Concen: 92.696 ug/l

RT: 3.15 min Scan# 327

Delta R.T. -0.01 min

Lab File: VX006563.D

Acq: 17 Dec 2018 10:59

Instrument :

MSVOA_X

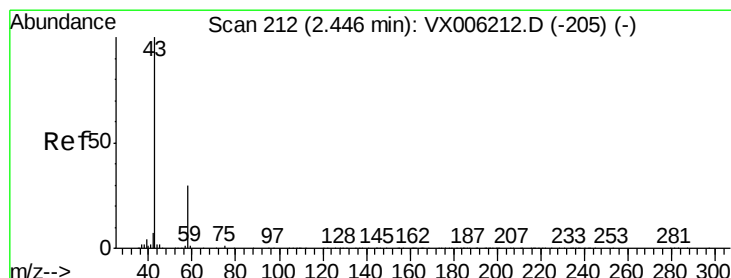
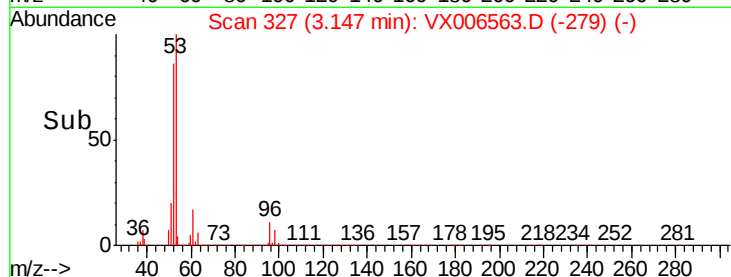
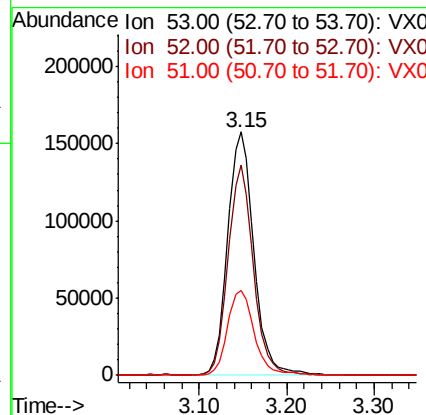
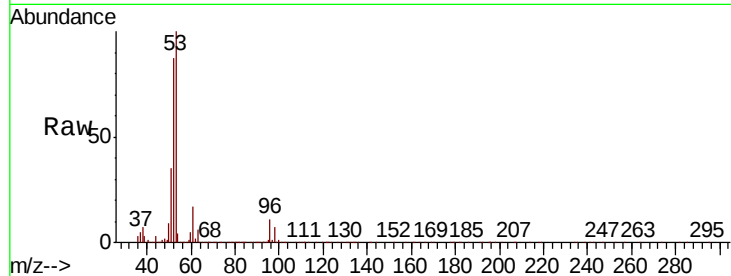
ClientSampleId :

VX1217WBS01

Tot Ion:	53	Resp:	324817
Ion Ratio		Lower	Upper
53	100		
52	83.7	66.2	99.4
51	35.9	28.7	43.1

Manual Integrations
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#16

Acetone

Concen: 104.303 ug/l

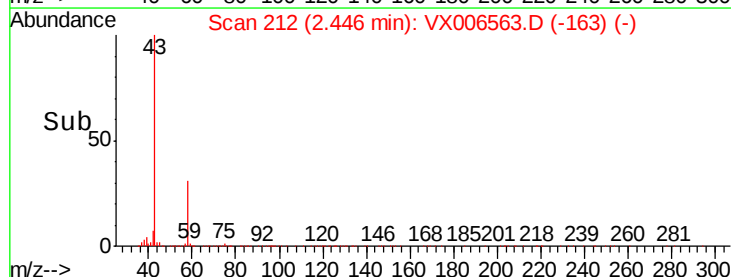
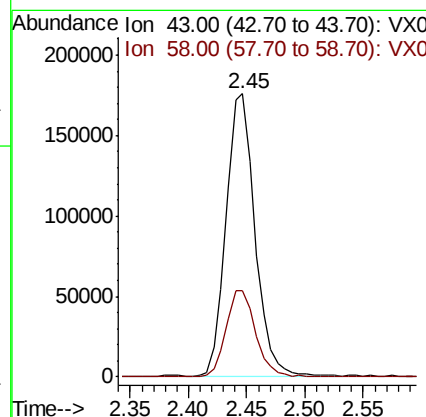
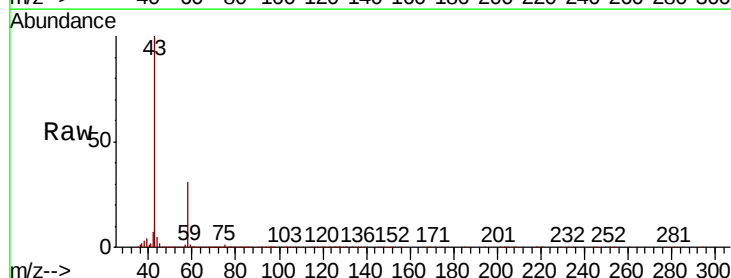
RT: 2.45 min Scan# 212

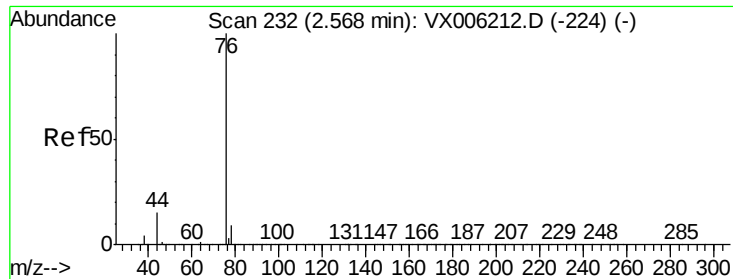
Delta R.T. 0.00 min

Lab File: VX006563.D

Acq: 17 Dec 2018 10:59

Tgt Ion:	43	Resp:	300556
Ion Ratio		Lower	Upper
43	100		
58	30.6	24.0	36.0





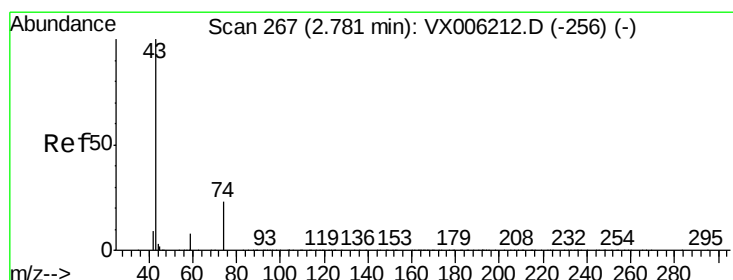
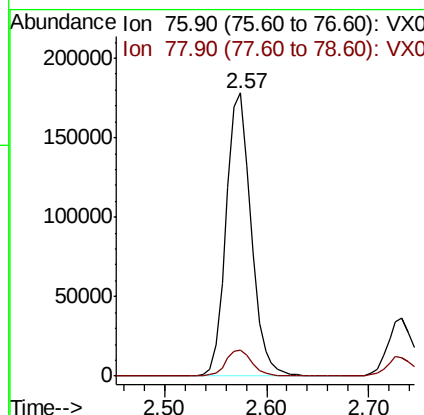
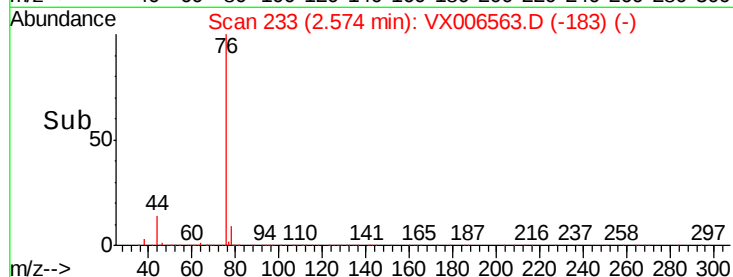
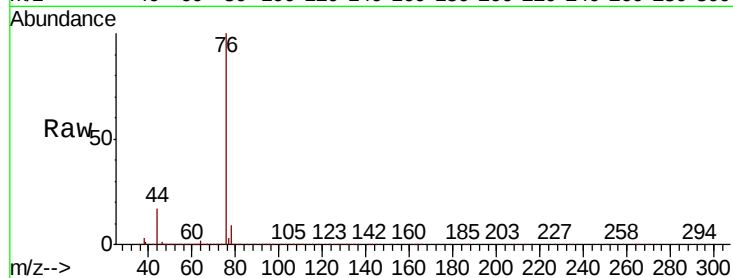
#17
Carbon Disulfide
Concen: 17.979 ug/l
RT: 2.57 min Scan# 233
Delta R.T. 0.01 min
Lab File: VX006563.D
Acq: 17 Dec 2018 10:59

Instrument :
MSVOA_X
ClientSampleId :
VX1217WBS01

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.1	7.1	10.7

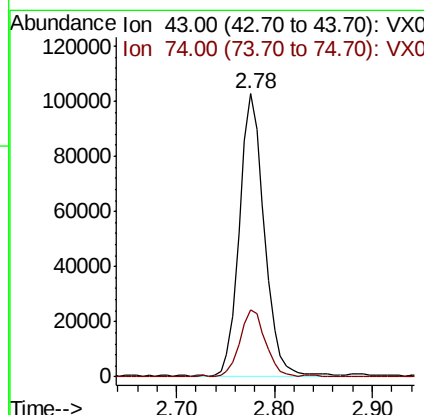
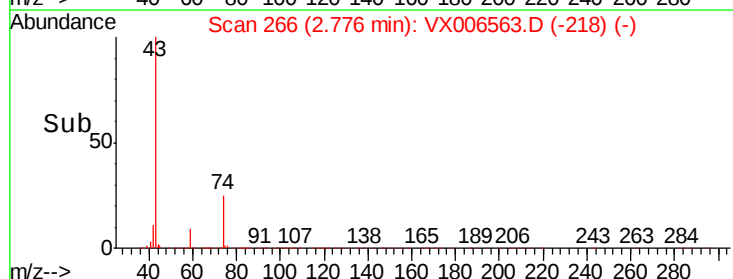
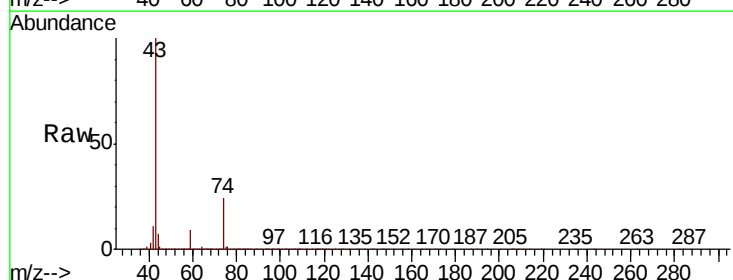
Manual Integrations
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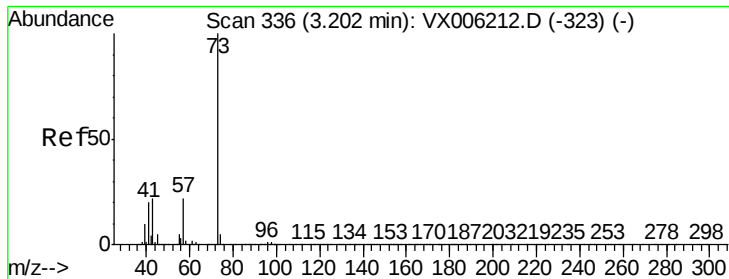
MMDadoda
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#18
Methyl Acetate
Concen: 18.687 ug/l
RT: 2.78 min Scan# 266
Delta R.T. -0.01 min
Lab File: VX006563.D
Acq: 17 Dec 2018 10:59

Tgt Ion	Ratio	Lower	Upper
43	100		
74	24.0	17.9	26.9





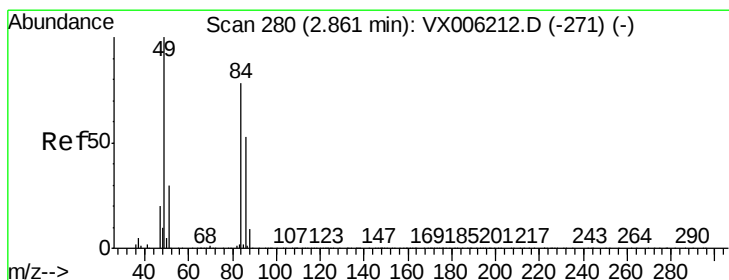
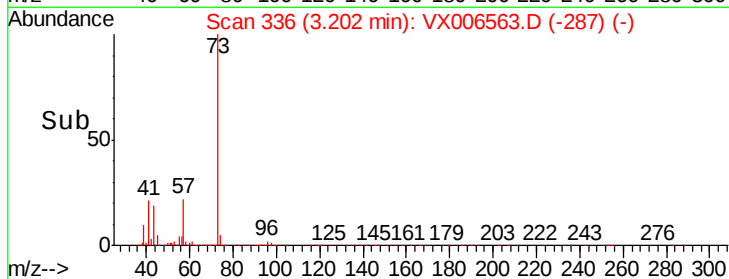
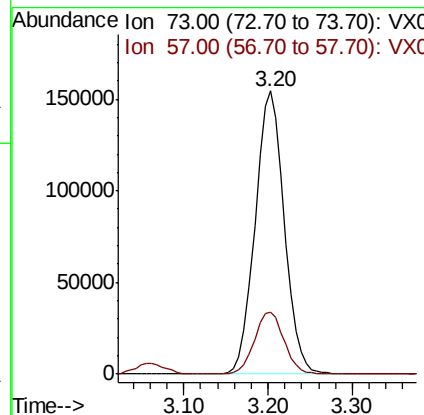
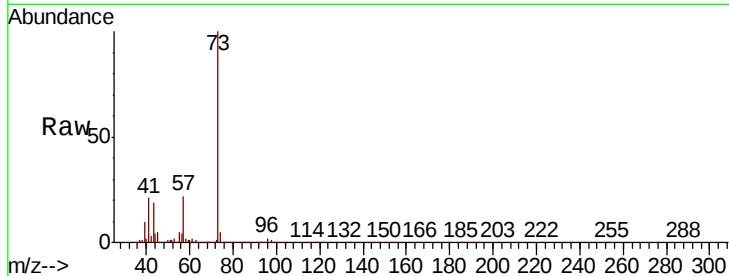
#19
Methvl tert-butvl Ether
Concen: 18.825 ug/l
RT: 3.20 min Scan# 336
Delta R.T. 0.00 min
Lab File: VX006563.D
Acq: 17 Dec 2018 10:59

Instrument :
MSVOA_X
ClientSampleId :
VX1217WBS01

Tot Ion	Ratio	Lower	Upper
73	100		
57	21.5	17.5	26.3

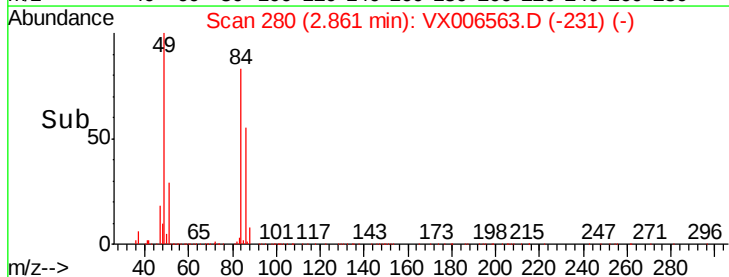
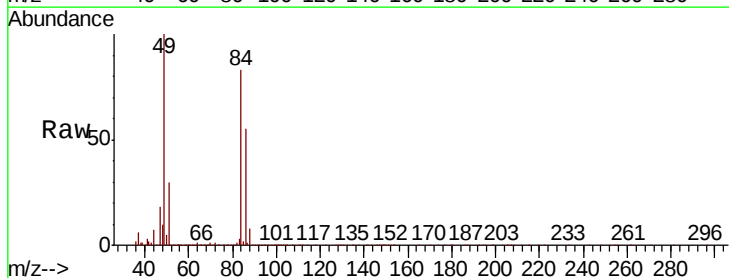
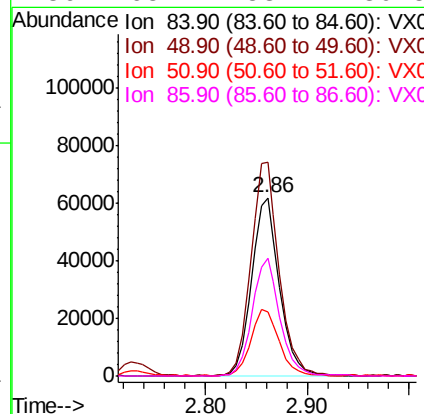
Manual Integrations
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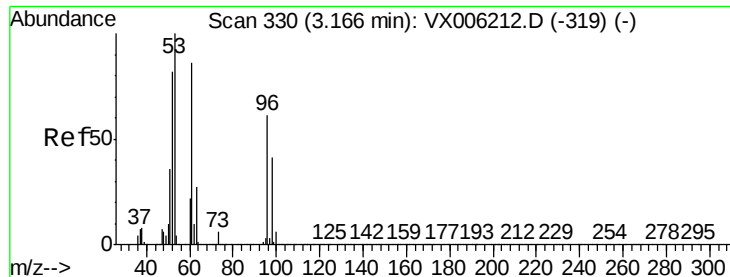
MMDadoda
12/18/2018 9:44:43 AM



#20
Methylene Chloride
Concen: 19.152 ug/l
RT: 2.86 min Scan# 280
Delta R.T. 0.00 min
Lab File: VX006563.D
Acq: 17 Dec 2018 10:59

Tgt Ion	Ratio	Lower	Upper
84	100		
49	119.6	102.2	153.4
51	35.3	31.1	46.7
86	65.7	53.7	80.5





#21

trans-1,2-Dichloroethene

Concen: 19.220 ug/l

RT: 3.17 min Scan# 330

Delta R.T. 0.00 min

Lab File: VX006563.D

Acq: 17 Dec 2018 10:59

Instrument :

MSVOA_X

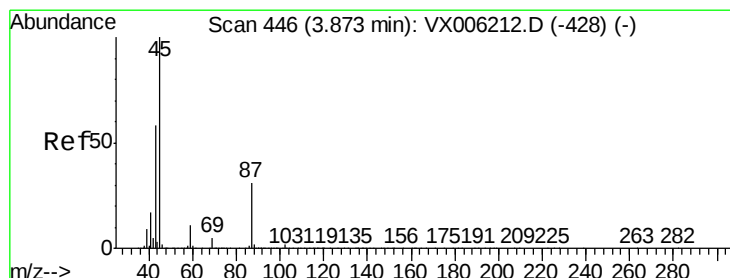
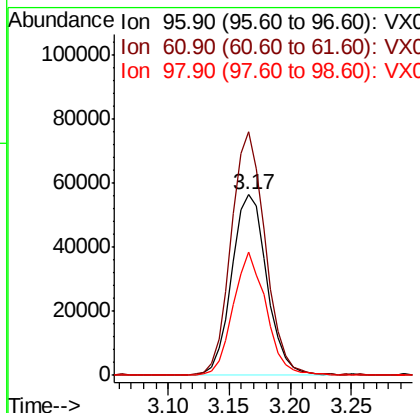
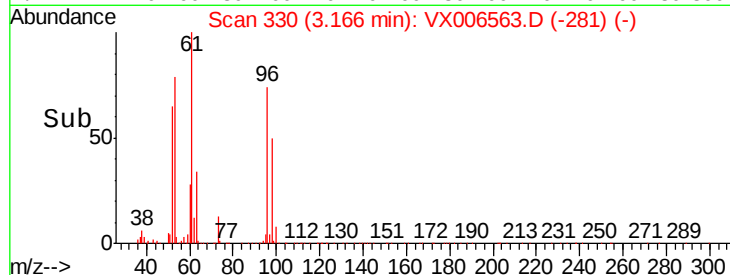
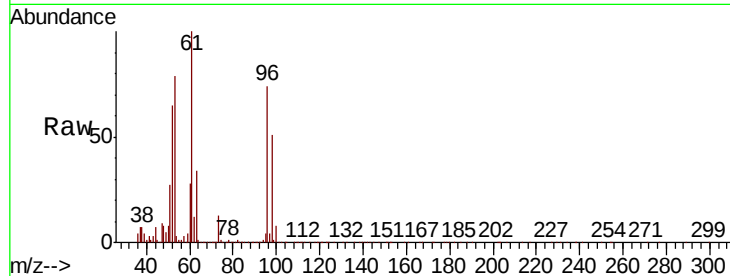
ClientSampleId :

VX1217WBS01

Tot Ion:	96	Resp:	111479
Ion Ratio	Lower	Upper	
96	100		
61	134.7	113.3	169.9
98	68.3	53.2	79.8

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#22

Diisopropyl ether

Concen: 20.765 ug/l

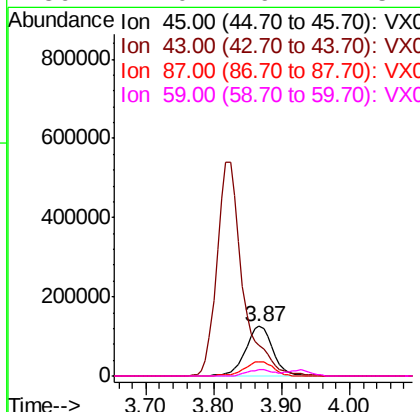
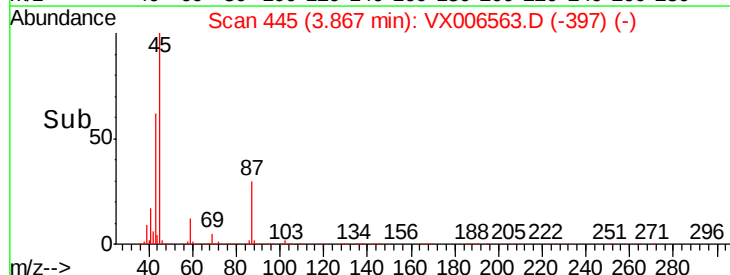
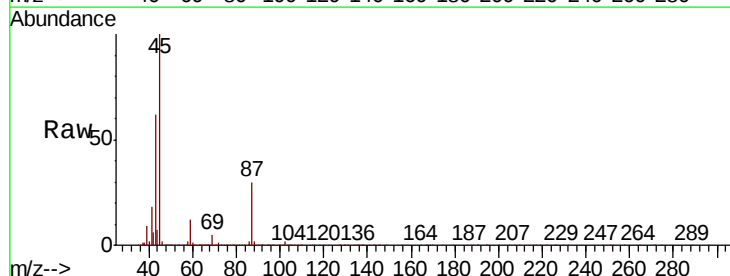
RT: 3.87 min Scan# 445

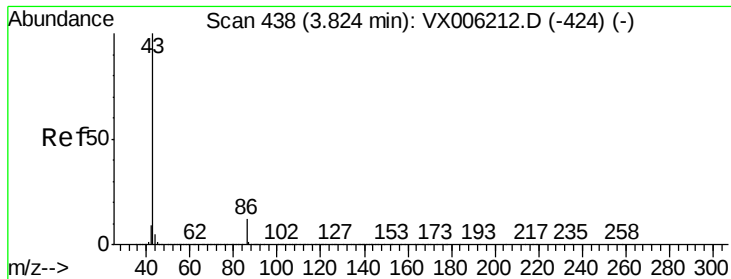
Delta R.T. -0.01 min

Lab File: VX006563.D

Acq: 17 Dec 2018 10:59

Tgt Ion:	45	Resp:	348714
Ion Ratio	Lower	Upper	
45	100		
43	61.9	46.2	69.2
87	29.7	24.9	37.3
59	12.0	9.1	13.7





#23

Vinyl Acetate

Concen: 99.468 ug/l

RT: 3.82 min Scan# 437

Delta R.T. -0.01 min

Lab File: VX006563.D

Acq: 17 Dec 2018 10:59

Instrument :

MSVOA_X

ClientSampleId :

VX1217WBS01

Tot Ion: 43 Resp: 1424702

Ion Ratio Lower Upper

43 100

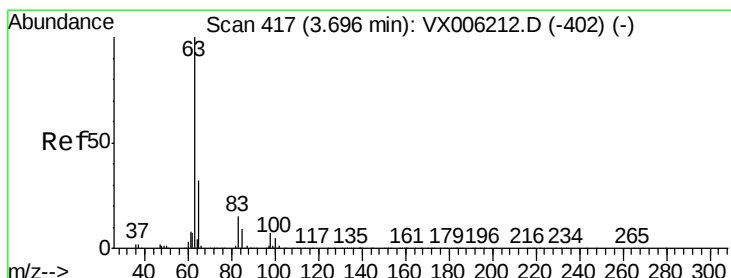
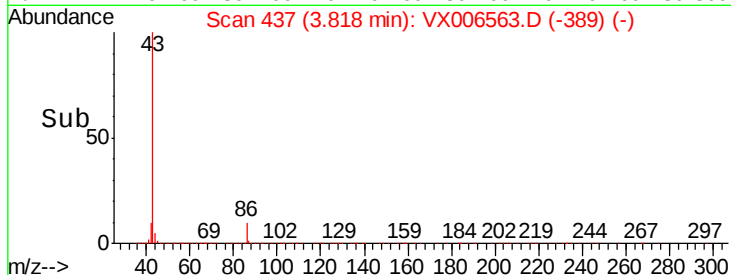
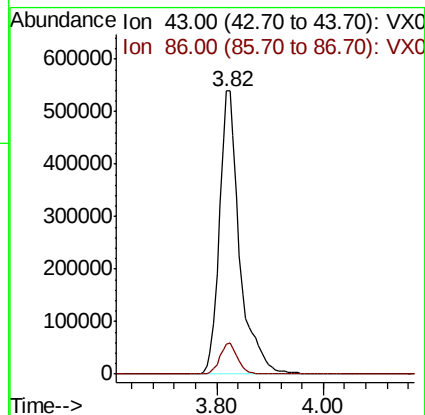
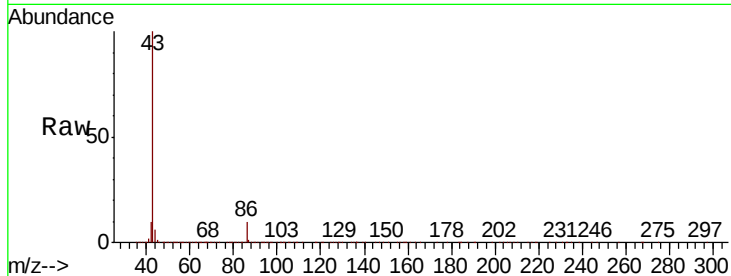
86 10.4 9.4 14.0

Manual Integrations

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MMDadoda

12/18/2018 9:44:43 AM



#24

1,1-Dichloroethane

Concen: 21.135 ug/l

RT: 3.70 min Scan# 417

Delta R.T. 0.00 min

Lab File: VX006563.D

Acq: 17 Dec 2018 10:59

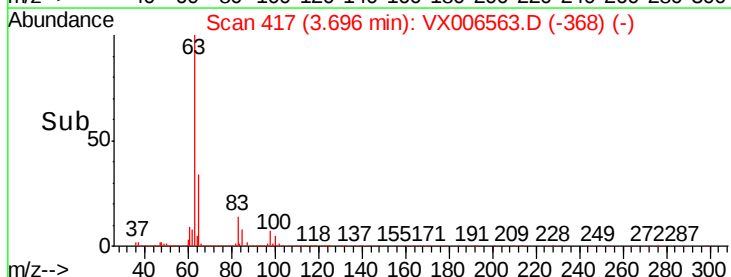
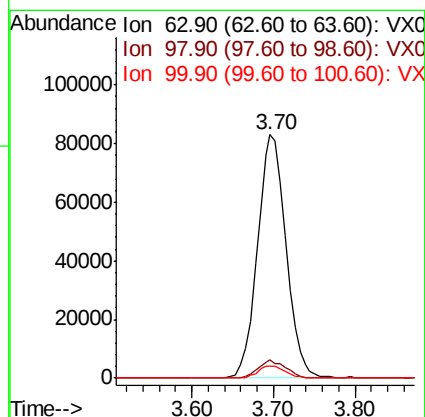
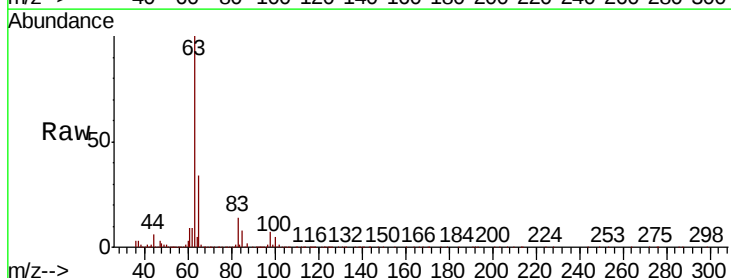
Tgt Ion: 63 Resp: 202867

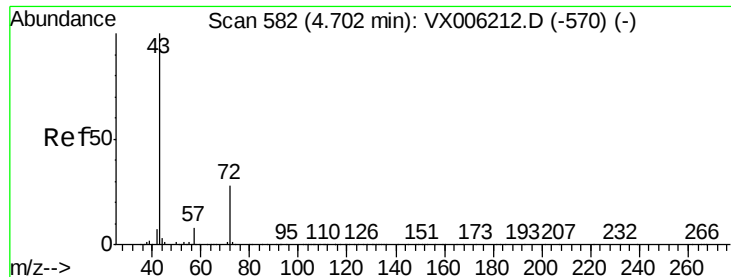
Ion Ratio Lower Upper

63 100

98 7.4 3.8 11.4

100 5.1 2.5 7.4





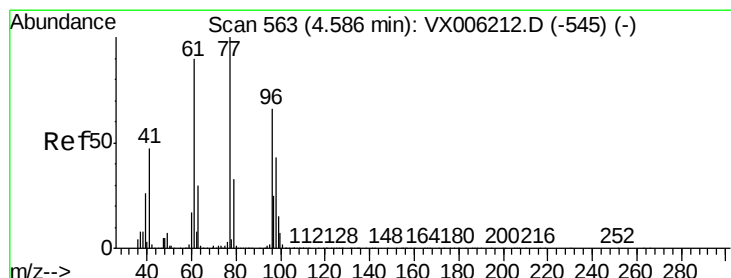
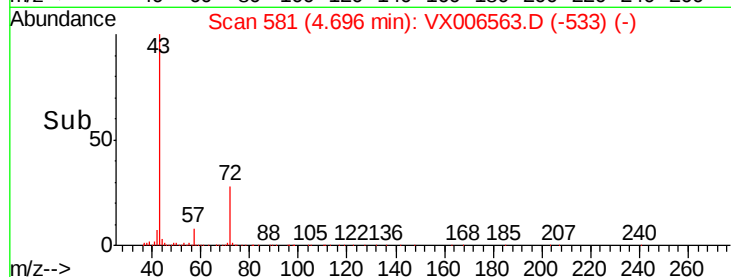
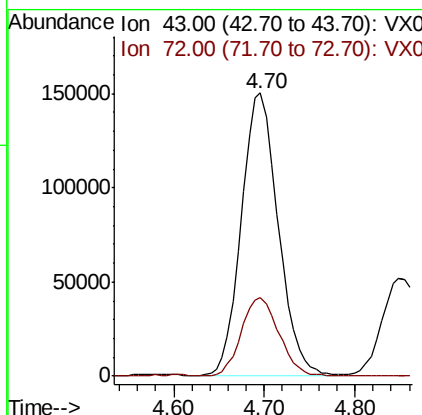
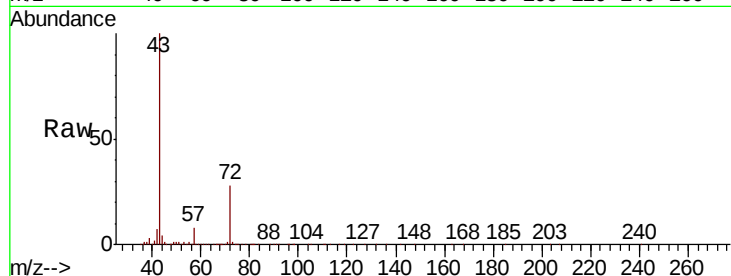
#25
2-Butanone
Concen: 102.638 ug/l
RT: 4.70 min Scan# 581
Delta R.T. -0.01 min
Lab File: VX006563.D
Acq: 17 Dec 2018 10:59

Instrument :
MSVOA_X
ClientSampleId :
VX1217WBS01

Tot Ion: 43 Resp: 422008
Ion Ratio Lower Upper
43 100
72 27.5 22.6 33.8

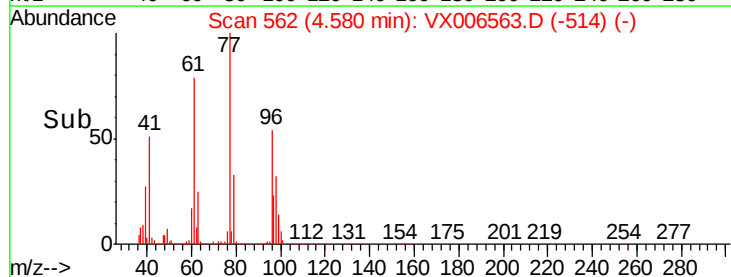
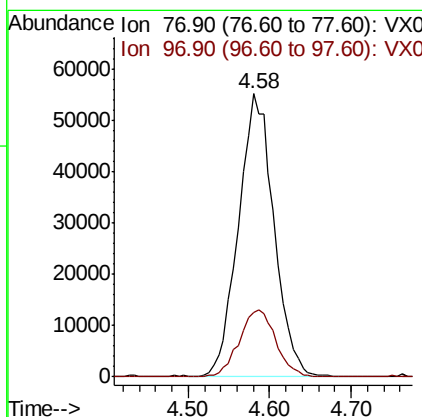
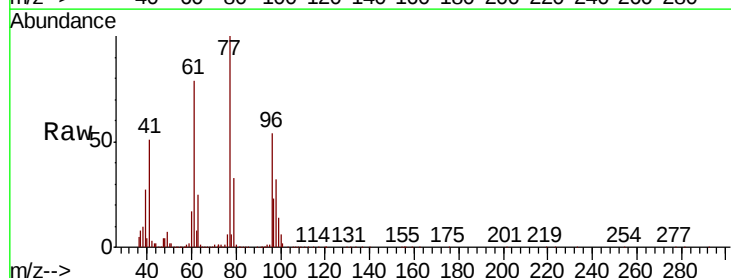
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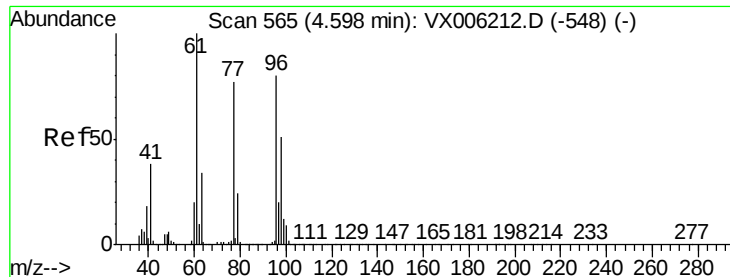
MMDadoda
12/18/2018 9:44:43 AM



#26
2,2-Dichloropropane
Concen: 18.654 ug/l
RT: 4.58 min Scan# 562
Delta R.T. -0.01 min
Lab File: VX006563.D
Acq: 17 Dec 2018 10:59

Tgt Ion: 77 Resp: 165243
Ion Ratio Lower Upper
77 100
97 24.6 12.3 36.8





#27

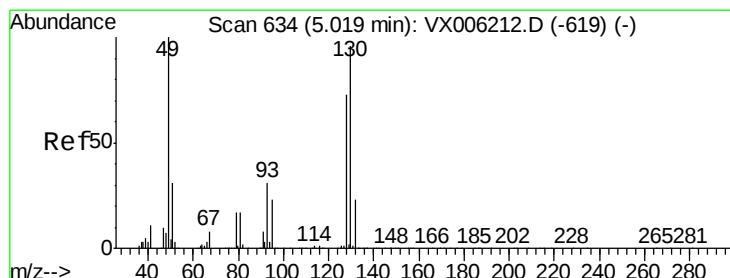
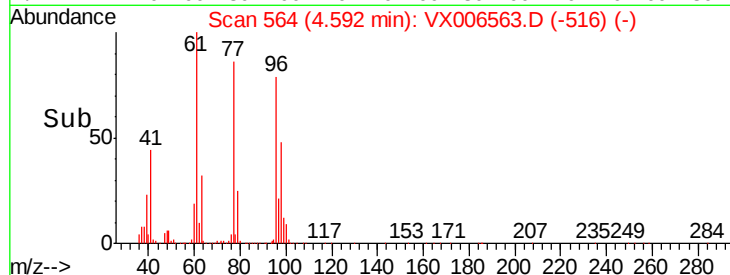
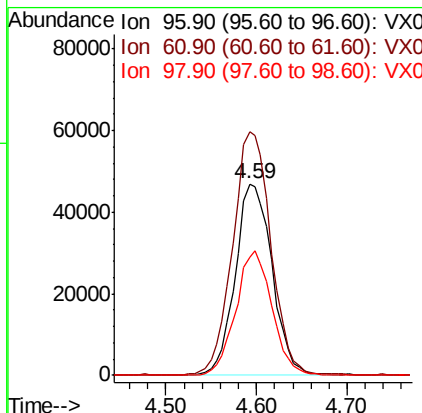
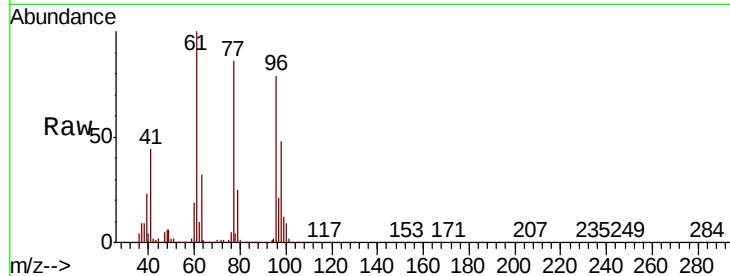
cis-1,2-Dichloroethene
Concen: 20.429 ug/l
RT: 4.59 min Scan# 564
Delta R.T. -0.01 min
Lab File: VX006563.D
Acq: 17 Dec 2018 10:59

Instrument :
MSVOA_X
ClientSampleId :
VX1217WBS01

Tot Ion	Ratio	Resp	Lower	Upper
96	100			
61	131.5	0.0	265.0	
98	63.4	0.0	130.2	

Manual Integrations
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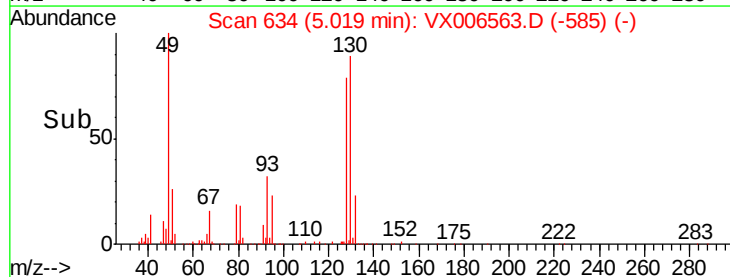
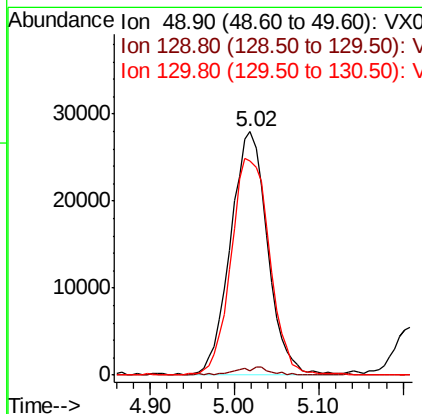
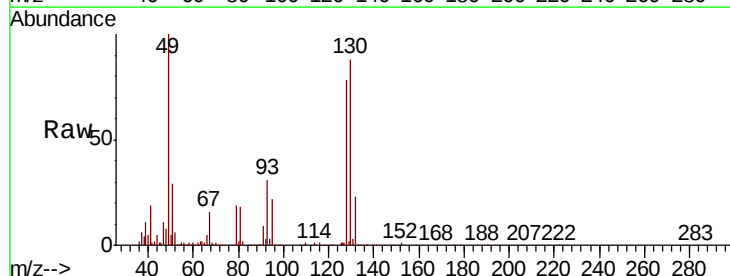
MMDadoda
12/18/2018 9:44:43 AM

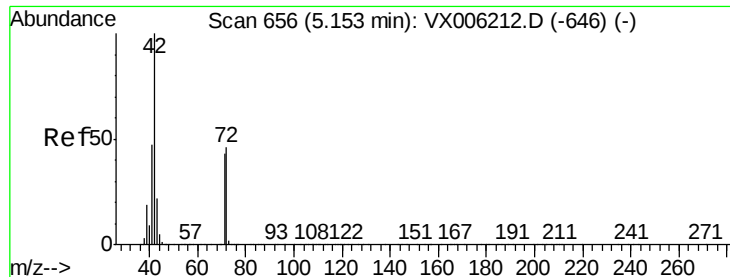


#28

Bromochloromethane
Concen: 19.737 ug/l
RT: 5.02 min Scan# 634
Delta R.T. 0.00 min
Lab File: VX006563.D
Acq: 17 Dec 2018 10:59

Tgt Ion	Ratio	Resp	Lower	Upper
49	100			
129	3.0	0.0	5.0	
130	93.7	78.3	117.5	





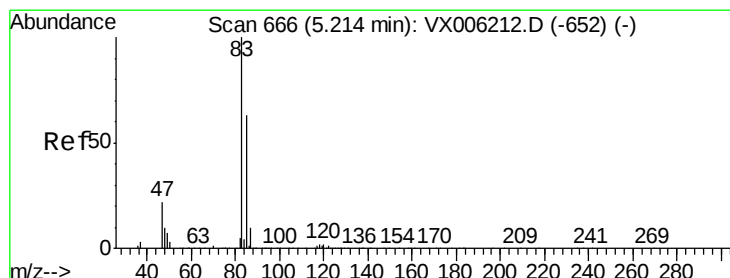
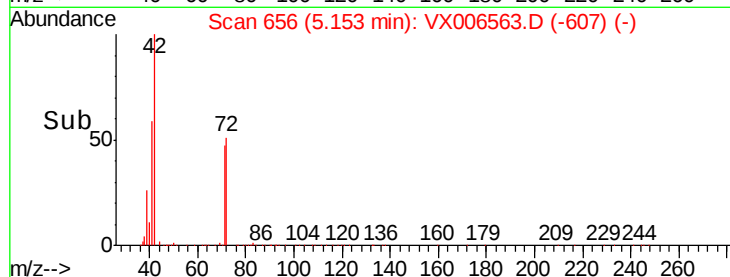
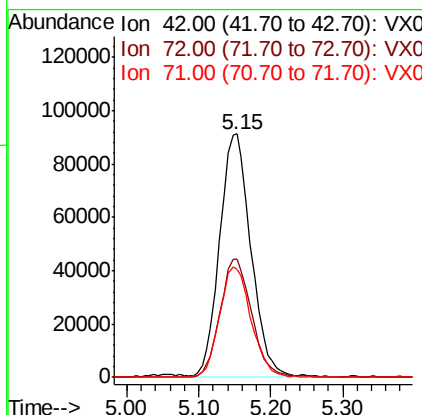
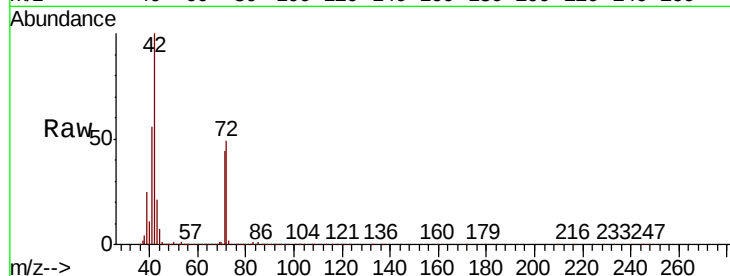
#29
Tetrahydrofuran
Concen: 96.052 ug/l
RT: 5.15 min Scan# 656
Delta R.T. 0.00 min
Lab File: VX006563.D
Acq: 17 Dec 2018 10:59

Instrument :
MSVOA_X
ClientSampleId :
VX1217WBS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	49.3	37.8	56.8
71	46.0	35.2	52.8

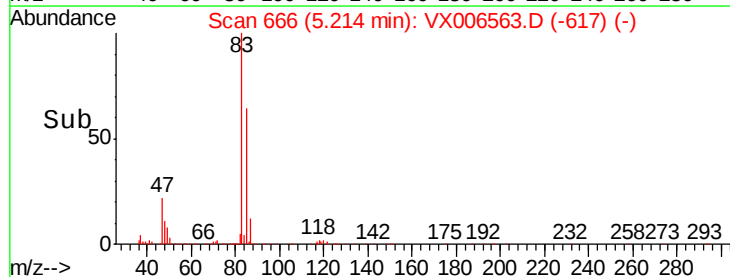
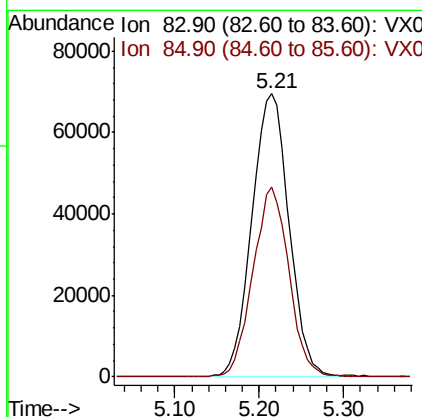
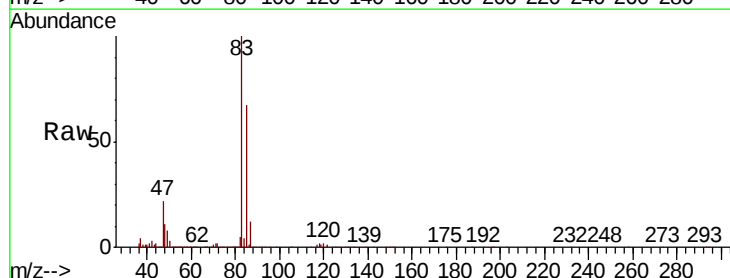
Manual Integrations
APPROVED

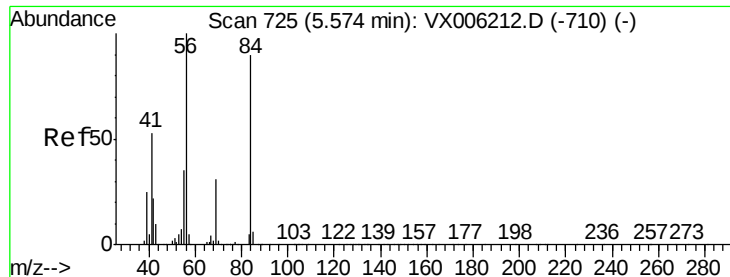
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#30
Chloroform
Concen: 20.761 ug/l
RT: 5.21 min Scan# 666
Delta R.T. 0.00 min
Lab File: VX006563.D
Acq: 17 Dec 2018 10:59

Tgt Ion	Ratio	Lower	Upper
83	100		
85	67.2	50.3	75.5





#31

Cyclohexane

Concen: 20.380 ug/l

RT: 5.57 min Scan# 725

Delta R.T. 0.00 min

Lab File: VX006563.D

Acq: 17 Dec 2018 10:59

Instrument :

MSVOA_X

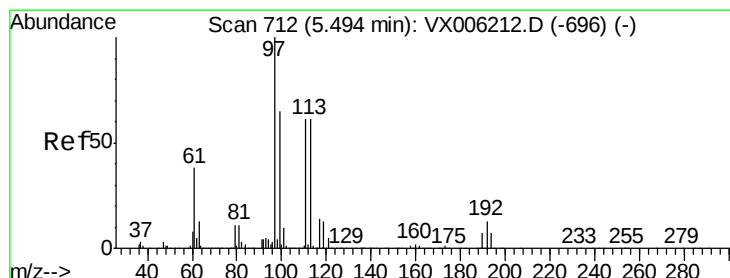
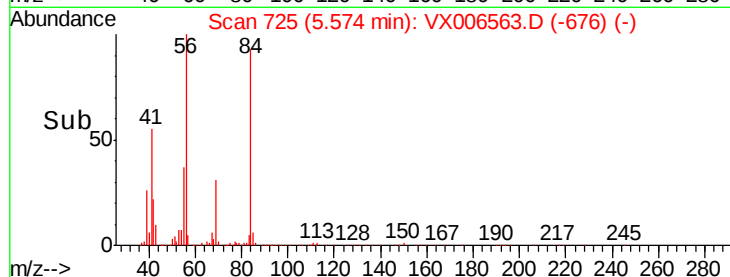
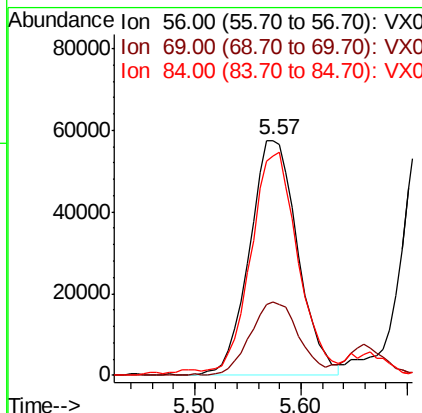
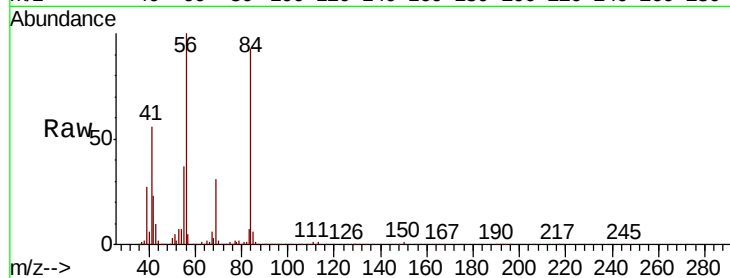
ClientSampleId :

VX1217WBS01

Tot Ion:	56	Resp:	180780
Ion	Ratio	Lower	Upper
56	100		
69	31.2	24.5	36.7
84	91.4	71.8	107.6

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 19.322 ug/l

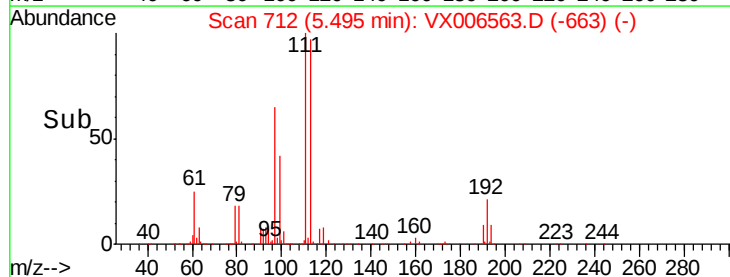
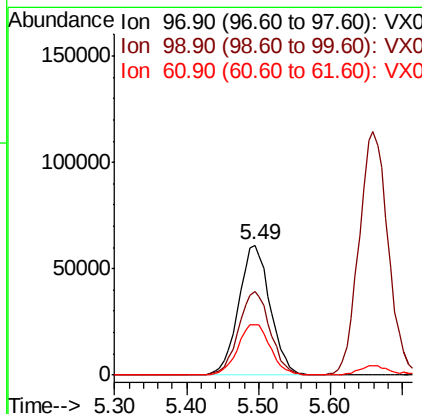
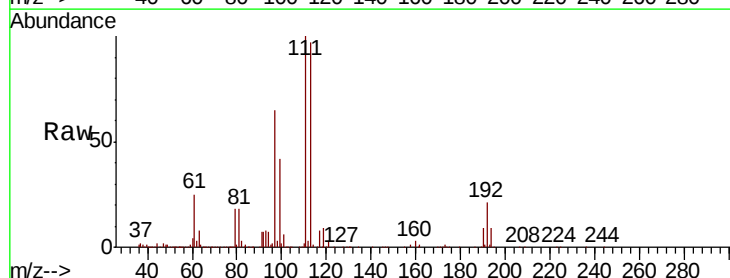
RT: 5.49 min Scan# 712

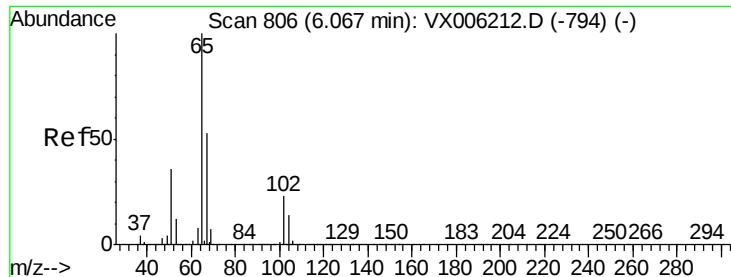
Delta R.T. 0.00 min

Lab File: VX006563.D

Acq: 17 Dec 2018 10:59

Tgt Ion:	97	Resp:	185438
Ion	Ratio	Lower	Upper
97	100		
99	64.8	51.6	77.4
61	40.6	30.6	46.0





#33

1,2-Dichloroethane-d4

Concen: 49.314 ug/l

RT: 6.06 min Scan# 805

Delta R.T. -0.01 min

Lab File: VX006563.D

Acq: 17 Dec 2018 10:59

Instrument :

MSVOA_X

ClientSampleId :

VX1217WBS01

Tot Ion: 65 Resp: 302802

Ion Ratio Lower Upper

65 100

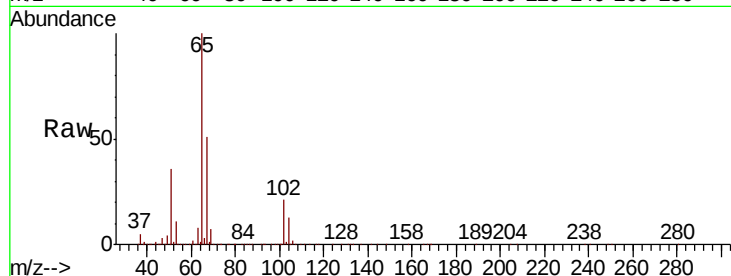
67 52.8 0.0 107.2

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Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.06

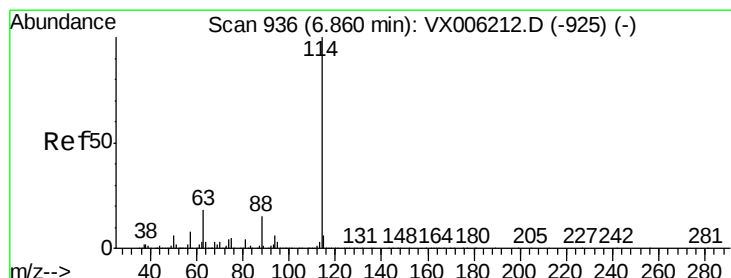
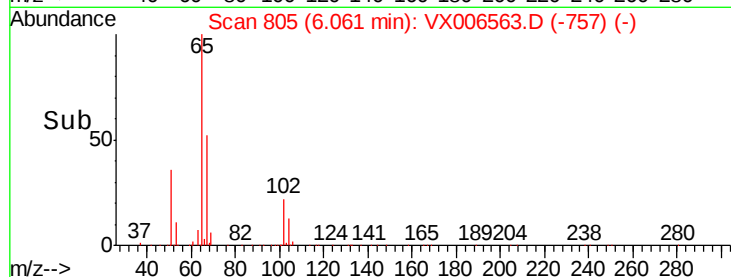
100000

50000

0

6.00 6.10 6.20

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. 0.00 min

Lab File: VX006563.D

Acq: 17 Dec 2018 10:59

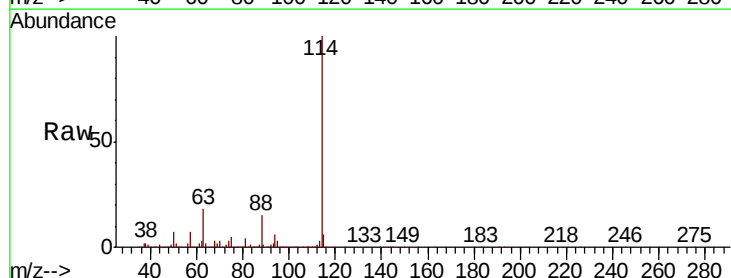
Tgt Ion: 114 Resp: 923490

Ion Ratio Lower Upper

114 100

63 17.5 0.0 36.6

88 14.9 0.0 29.0



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

500000

400000

300000

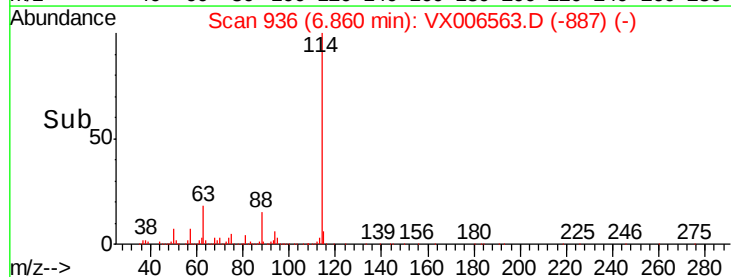
200000

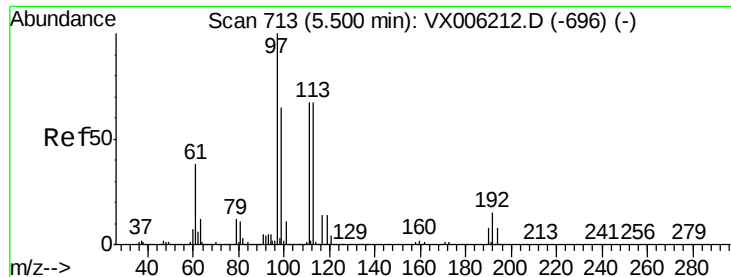
100000

0

6.70 6.80 6.90 7.00

Time-->





#35

Dibromofluoromethane

Concen: 46.331 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.00 min

Lab File: VX006563.D

Acq: 17 Dec 2018 10:59

Instrument :

MSVOA_X

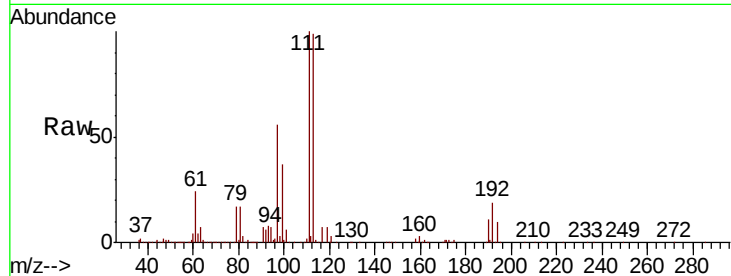
ClientSampleId :

VX1217WBS01

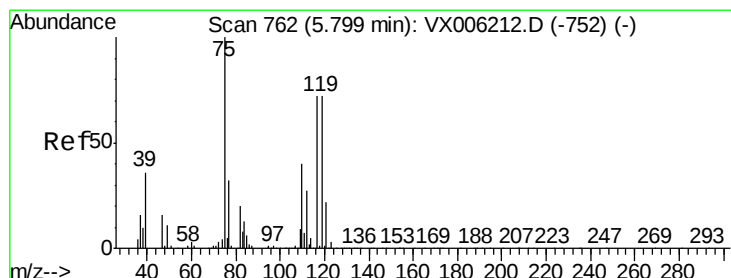
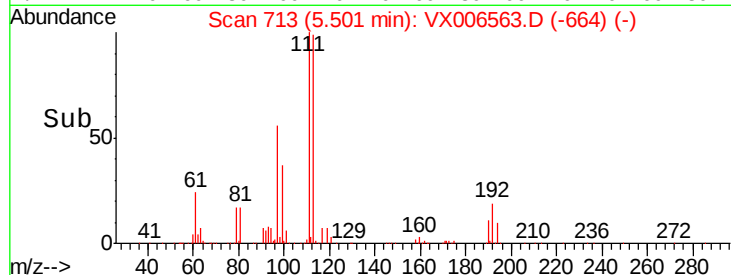
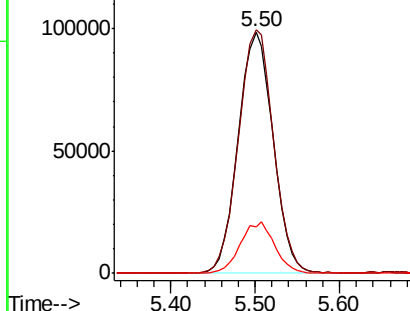
Tot Ion:	113	Resp:	277026
Ion Ratio	Lower	Upper	
113	100		
111	101.3	81.1	121.7
192	20.9	18.2	27.2

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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: 20.005 ug/l

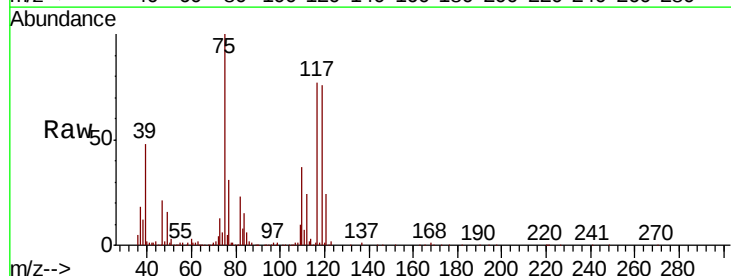
RT: 5.79 min Scan# 761

Delta R.T. -0.01 min

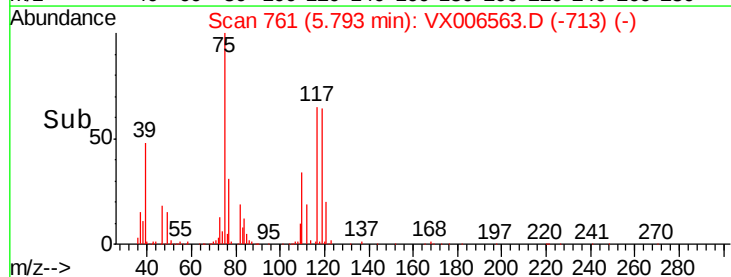
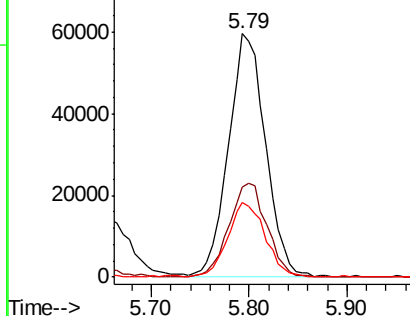
Lab File: VX006563.D

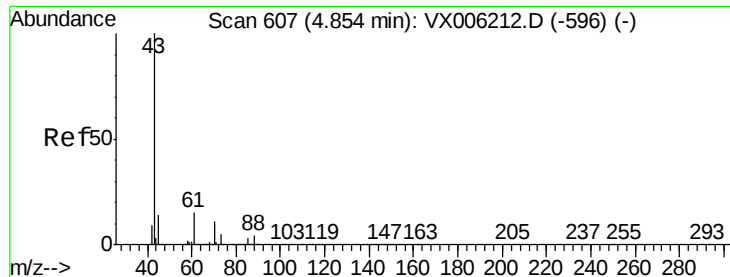
Acq: 17 Dec 2018 10:59

Tgt Ion:	75	Resp:	155570
Ion Ratio	Lower	Upper	
75	100		
110	39.9	20.4	61.3
77	31.1	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





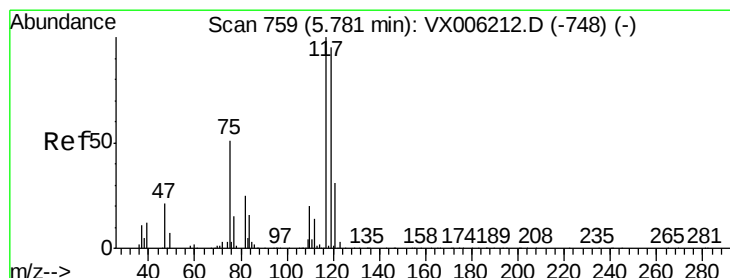
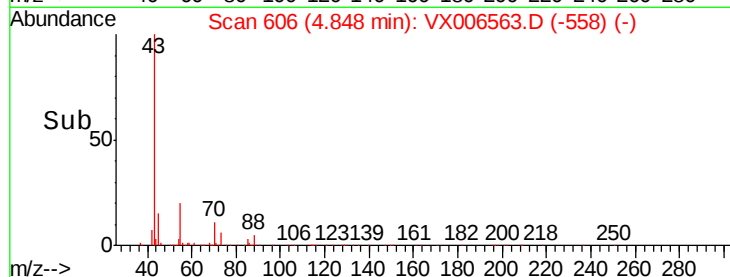
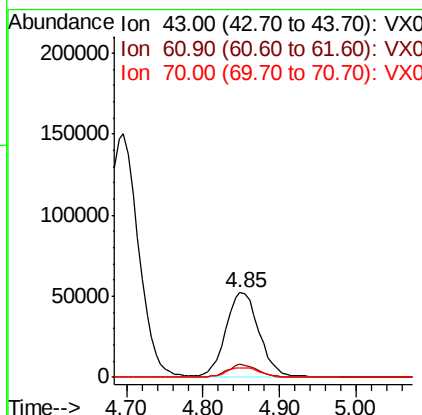
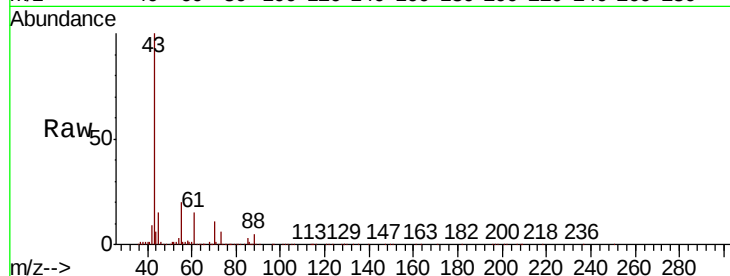
#37
Ethyl Acetate
Concen: 17.943 ug/l
RT: 4.85 min Scan# 606
Delta R.T. -0.01 min
Lab File: VX006563.D
Acq: 17 Dec 2018 10:59

Instrument :
MSVOA_X
ClientSampleId :
VX1217WBS01

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

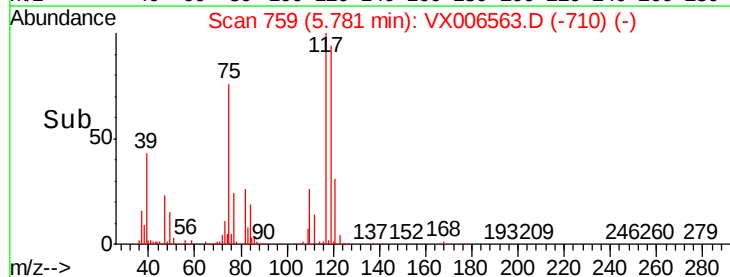
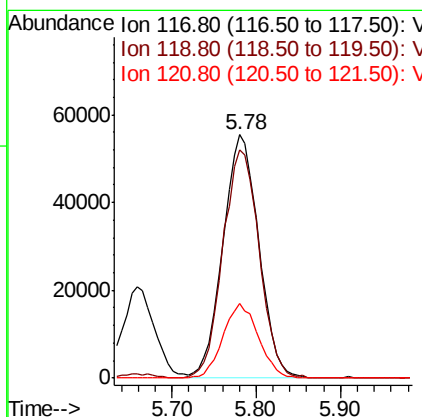
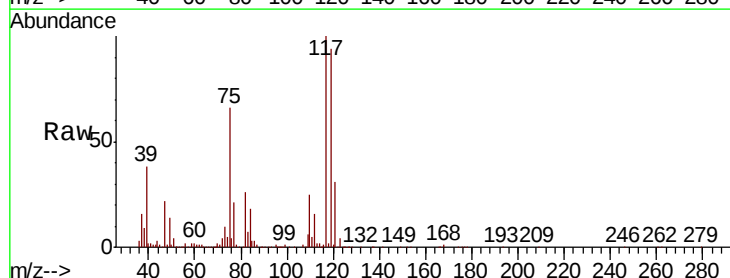
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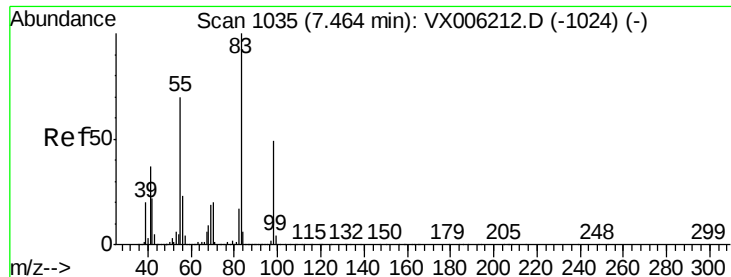
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#38
Carbon Tetrachloride
Concen: 17.556 ug/l
RT: 5.78 min Scan# 759
Delta R.T. 0.00 min
Lab File: VX006563.D
Acq: 17 Dec 2018 10:59

Tgt Ion	Ratio	Lower	Upper
117	100		
119	93.6	75.8	113.8
121	30.5	24.6	37.0





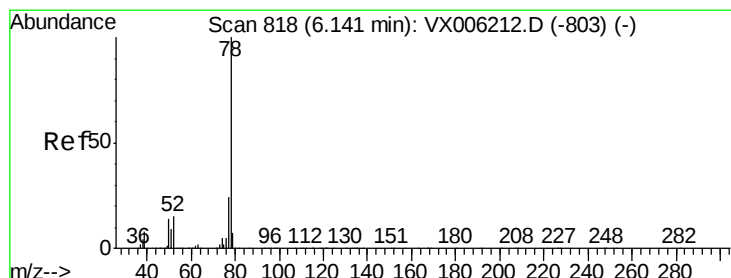
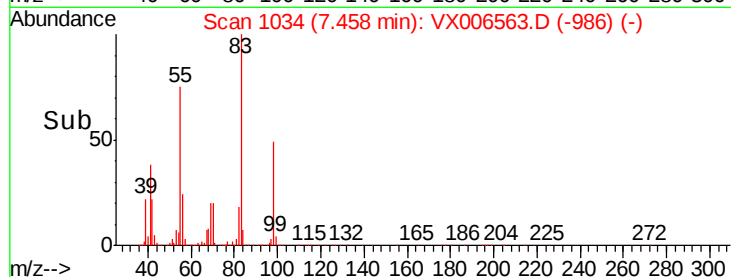
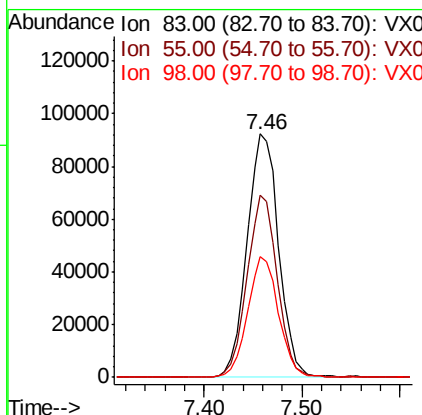
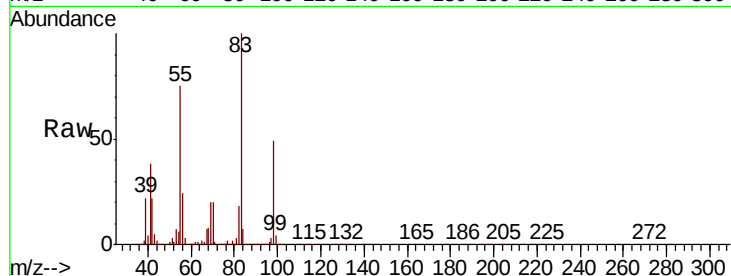
#39
Methvlcvclohexane
Concen: 20.483 ug/l
RT: 7.46 min Scan# 1034
Delta R.T. -0.01 min
Lab File: VX006563.D
Acq: 17 Dec 2018 10:59

Instrument :
MSVOA_X
ClientSampleId :
VX1217WBS01

Tot Ion	Ratio	Lower	Upper
83	100		
55	74.9	56.4	84.6
98	49.3	39.0	58.6

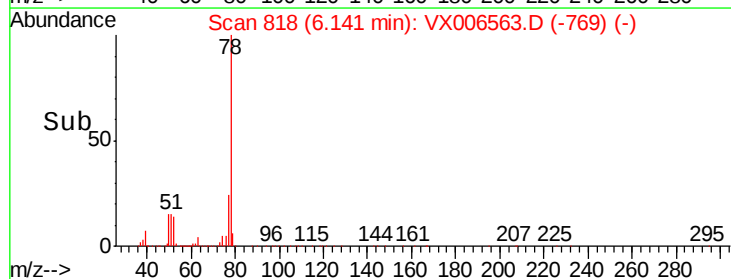
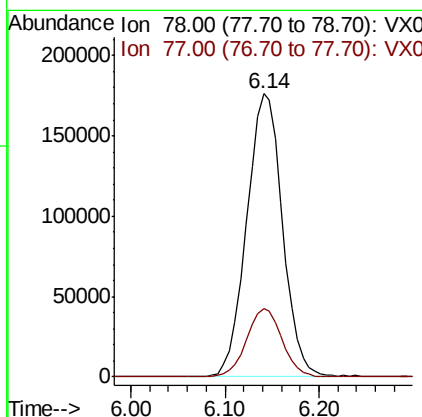
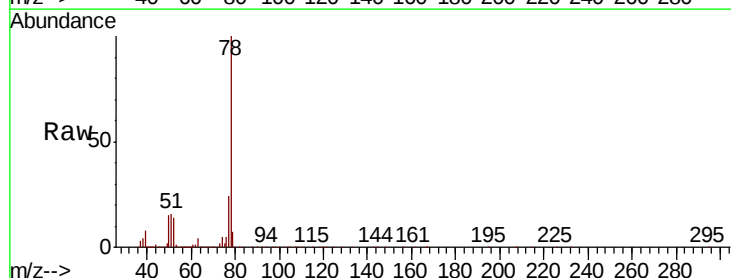
Manual Integrations
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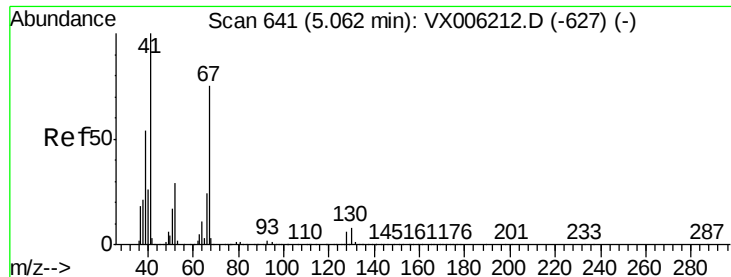
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#40
Benzene
Concen: 20.030 ug/l
RT: 6.14 min Scan# 818
Delta R.T. 0.00 min
Lab File: VX006563.D
Acq: 17 Dec 2018 10:59

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.2	19.2	28.8





#41

Methacrylonitrile

Concen: 18.562 ug/l

RT: 5.06 min Scan# 640

Delta R.T. -0.01 min

Lab File: VX006563.D

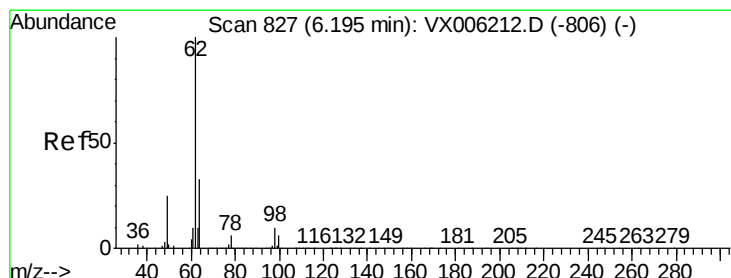
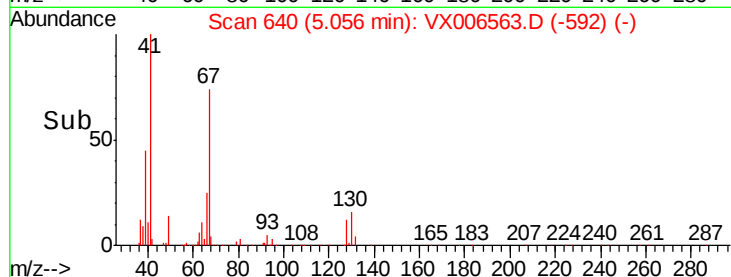
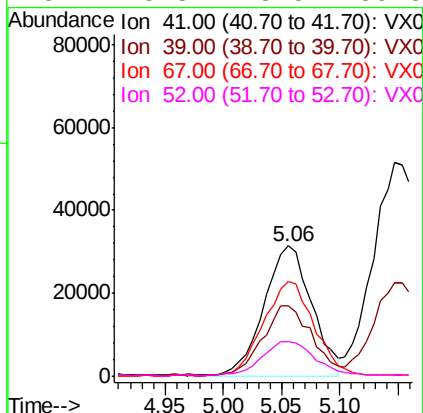
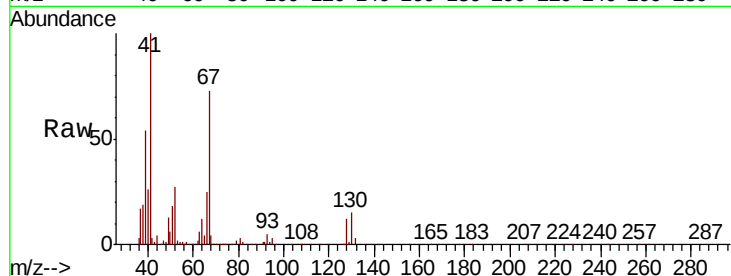
Acq: 17 Dec 2018 10:59

Tot Ion	Ion	Ratio	Resp	Lower	Upper
41	100		88952		
39	55.4	44.0	66.0		
67	76.7	61.4	92.0		
52	28.8	23.5	35.3		

Instrument :
MSVOA_X
ClientSampleId :
VX1217WBS01

Manual Integrations
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#42

1,2-Dichloroethane

Concen: 20.869 ug/l

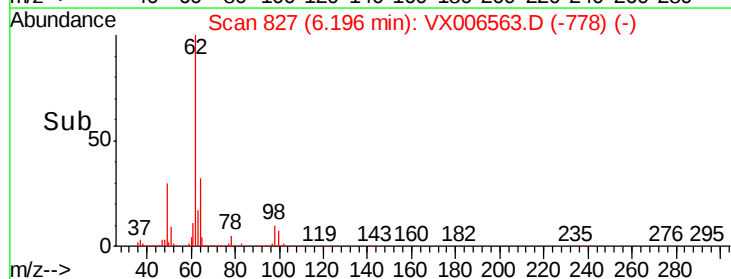
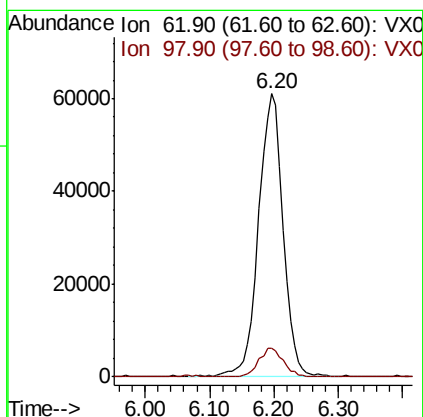
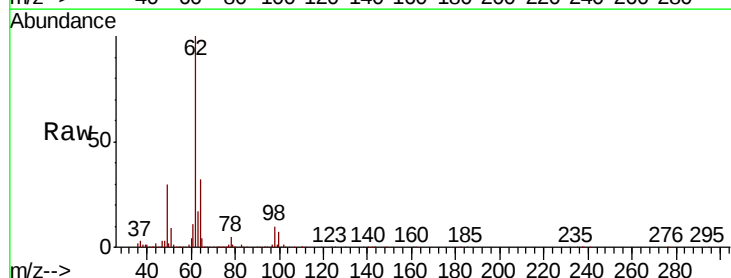
RT: 6.20 min Scan# 827

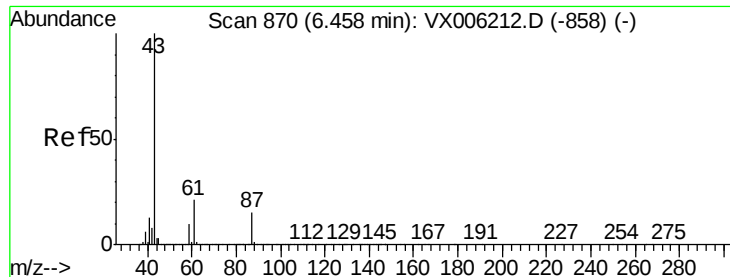
Delta R.T. 0.00 min

Lab File: VX006563.D

Acq: 17 Dec 2018 10:59

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
62	100		159089		
98	10.2	0.0	20.2		





#43

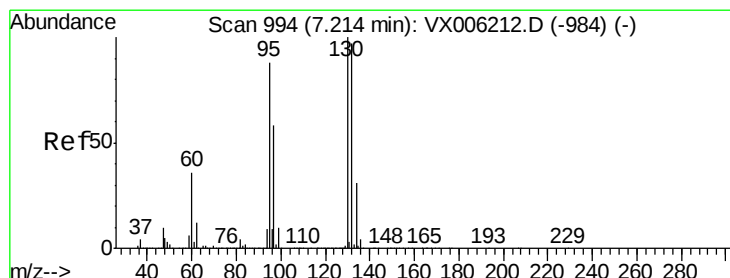
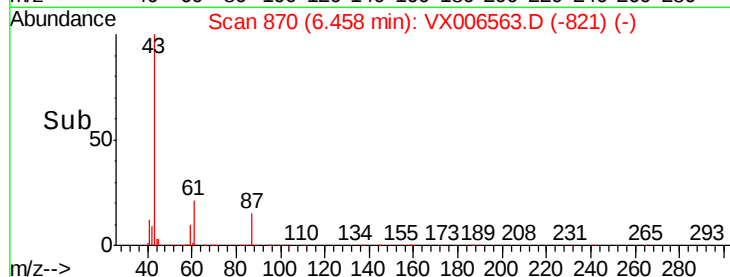
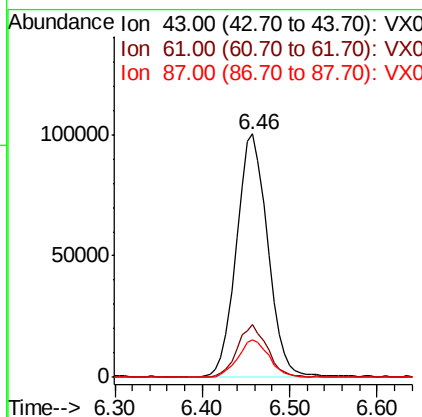
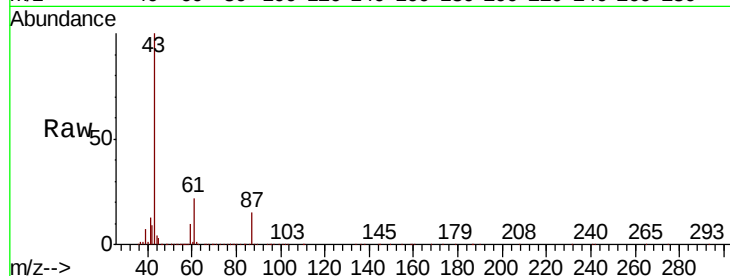
Isopropyl Acetate
 Concen: 17.084 ug/l
 RT: 6.46 min Scan# 870
 Delta R.T. 0.00 min
 Lab File: VX006563.D
 Acq: 17 Dec 2018 10:59

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1217WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	20.6	16.8	25.2
87	15.7	11.9	17.9

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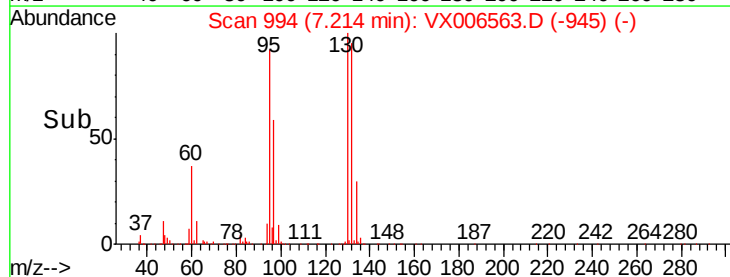
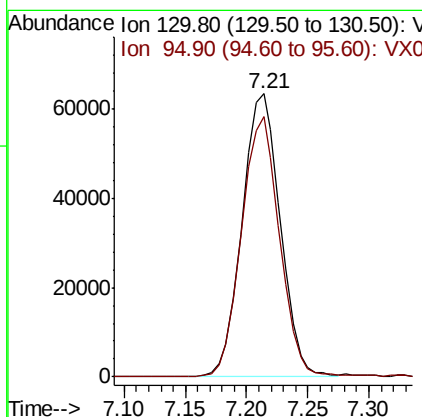
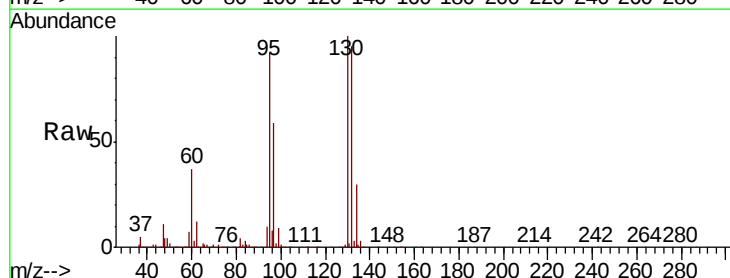
MMDadoda
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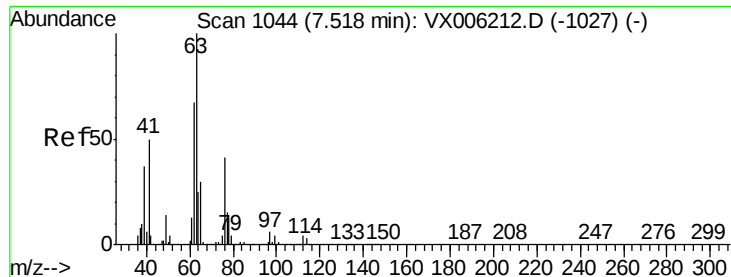


#44

Trichloroethene
 Concen: 19.536 ug/l
 RT: 7.21 min Scan# 994
 Delta R.T. 0.00 min
 Lab File: VX006563.D
 Acq: 17 Dec 2018 10:59

Tgt Ion	Ratio	Lower	Upper
130	100		
95	91.6	0.0	175.8





#45

1,2-Dichloropropane

Concen: 19.134 ug/l

RT: 7.51 min Scan# 1043

Delta R.T. -0.01 min

Lab File: VX006563.D

Acq: 17 Dec 2018 10:59

Instrument :

MSVOA_X

ClientSampleId :

VX1217WBS01

Tot Ion: 63 Resp: 113267

Ion Ratio Lower Upper

63 100

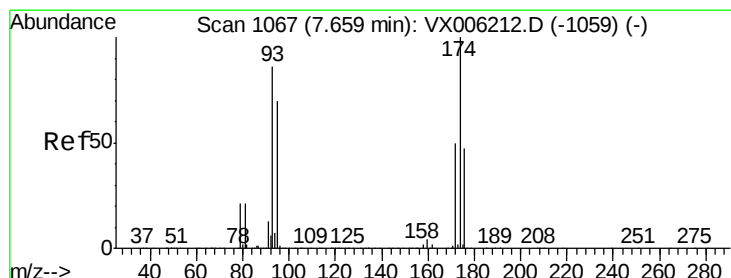
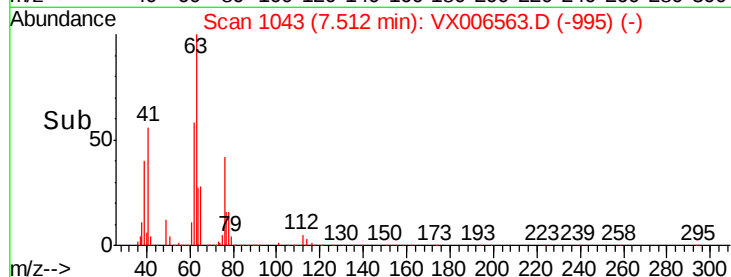
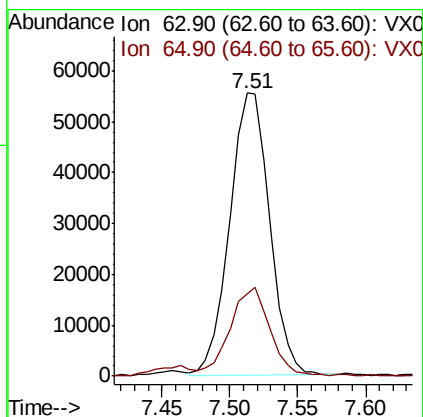
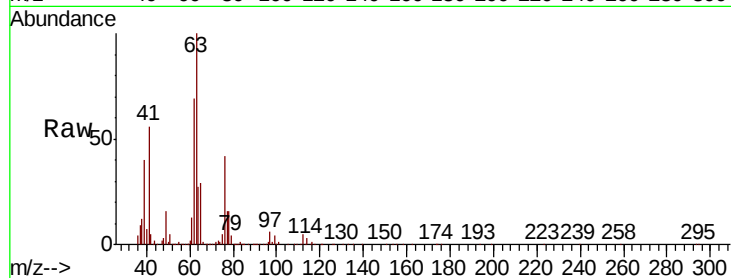
65 28.9 24.3 36.5

Manual Integrations

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#46

Dibromomethane

Concen: 19.606 ug/l

RT: 7.66 min Scan# 1067

Delta R.T. 0.00 min

Lab File: VX006563.D

Acq: 17 Dec 2018 10:59

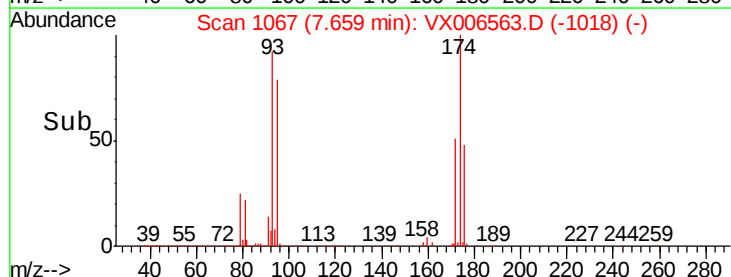
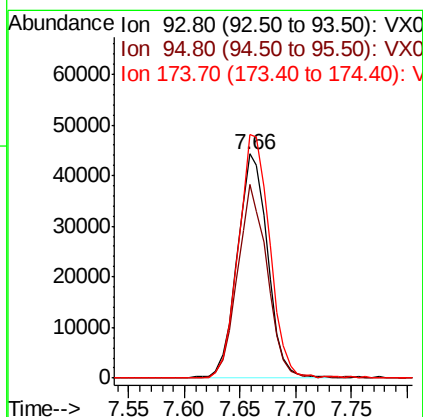
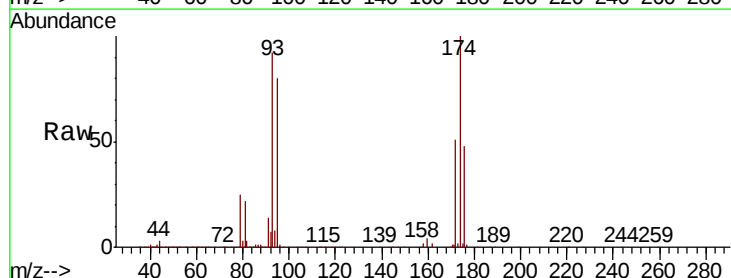
Tgt Ion: 93 Resp: 83821

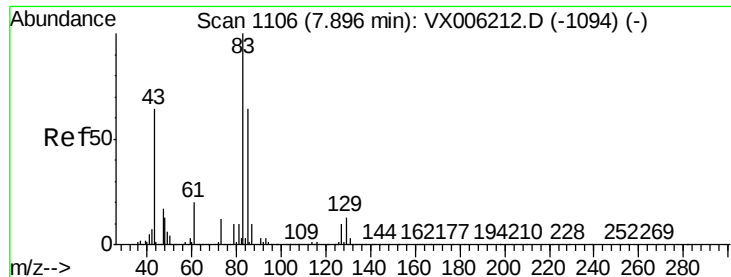
Ion Ratio Lower Upper

93 100

95 84.4 66.2 99.4

174 112.6 97.2 145.8





#47

Bromodichloromethane

Concen: 18.345 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. 0.00 min

Lab File: VX006563.D

Acq: 17 Dec 2018 10:59

Instrument :

MSVOA_X

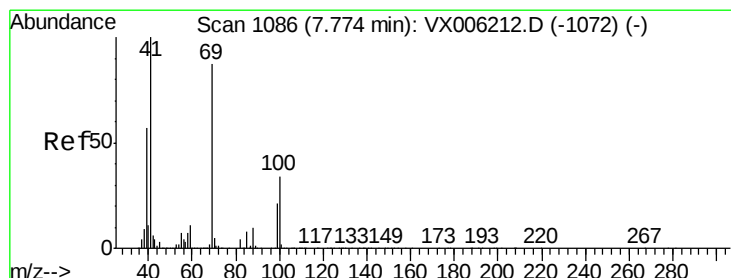
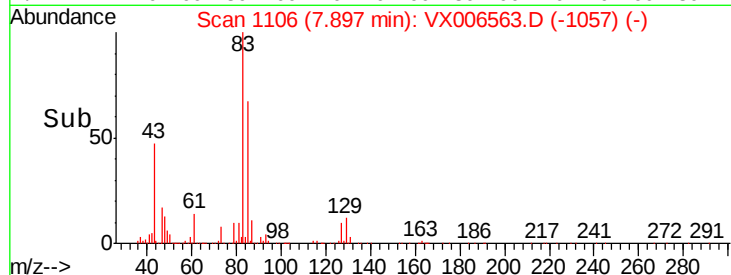
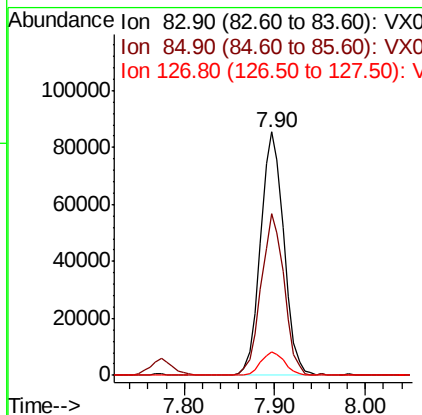
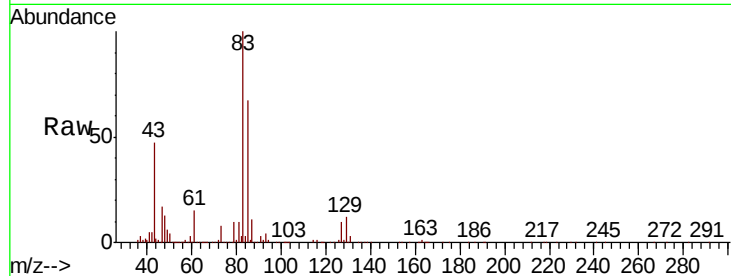
ClientSampleId :

VX1217WBS01

Tot Ion:	83	Resp:	151888
Ion Ratio	Lower	Upper	
83	100		
85	66.4	51.4	77.0
127	9.8	7.9	11.9

Manual Integrations
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#48

Methyl methacrylate

Concen: 17.691 ug/l

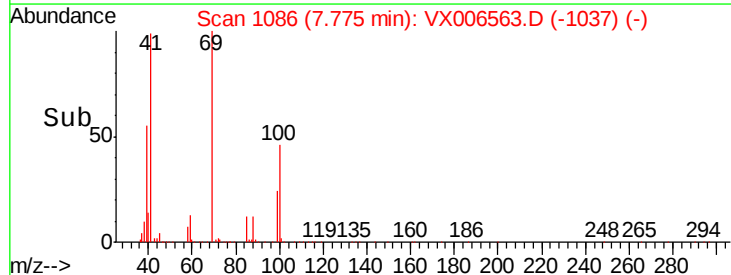
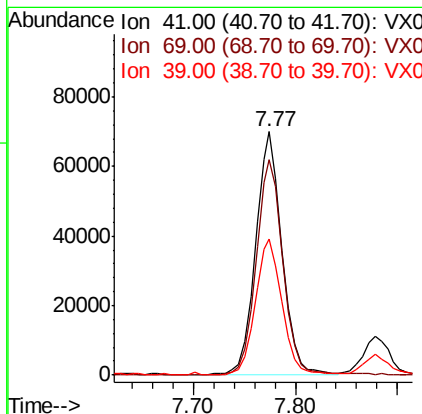
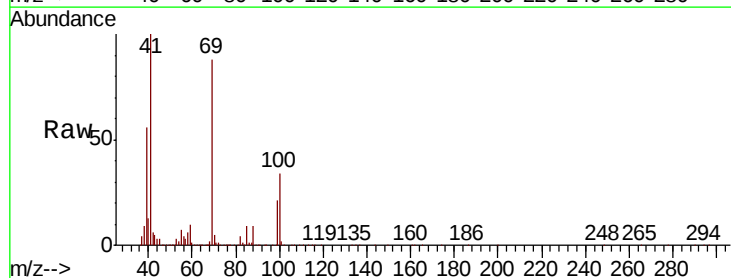
RT: 7.77 min Scan# 1086

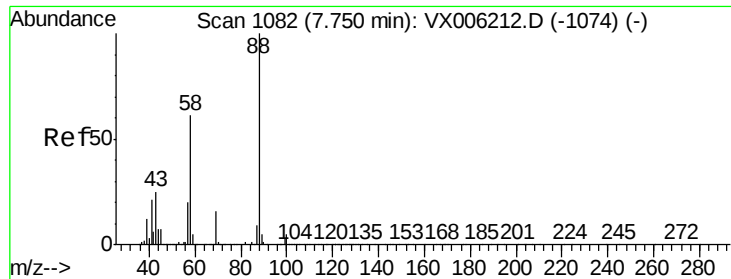
Delta R.T. 0.00 min

Lab File: VX006563.D

Acq: 17 Dec 2018 10:59

Tgt Ion:	41	Resp:	124969
Ion Ratio	Lower	Upper	
41	100		
69	90.7	70.3	105.5
39	56.4	45.3	67.9





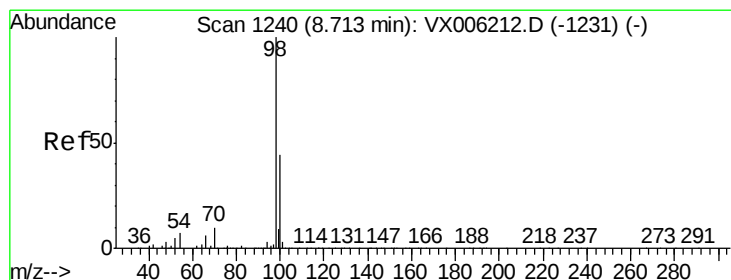
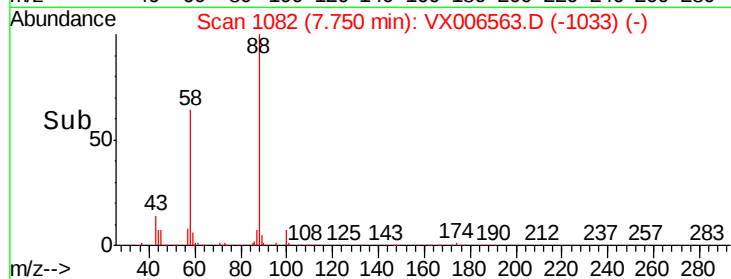
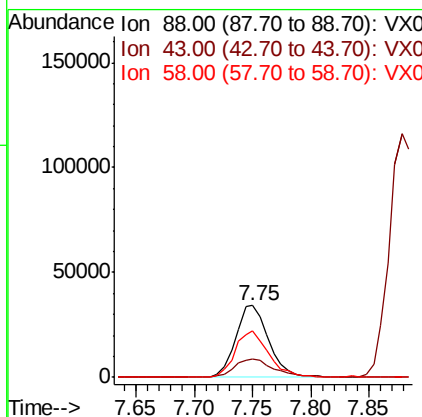
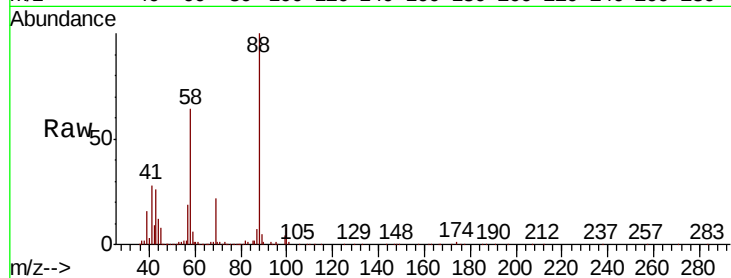
#49
1,4-Dioxane
Concen: 389.388 ug/l
RT: 7.75 min Scan# 1082
Delta R.T. 0.00 min
Lab File: VX006563.D
Acq: 17 Dec 2018 10:59

Instrument :
MSVOA_X
ClientSampleId :
VX1217WBS01

Tot Ion	Ratio	Lower	Upper
88	100		
43	30.0	23.2	34.8
58	65.7	51.4	77.0

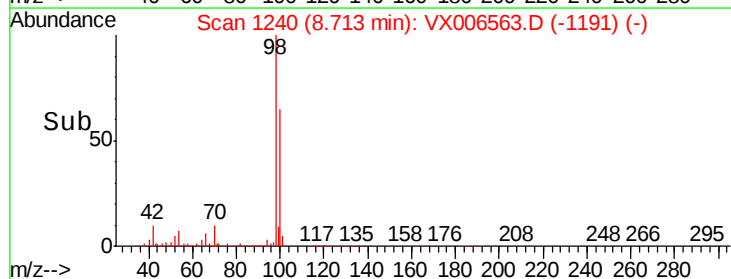
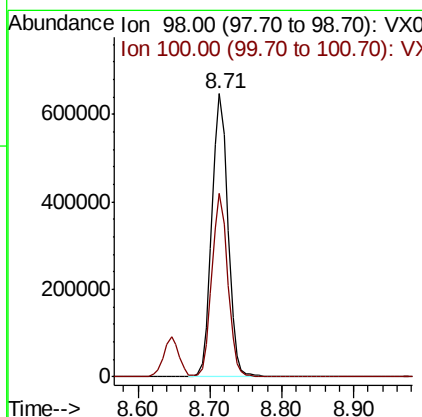
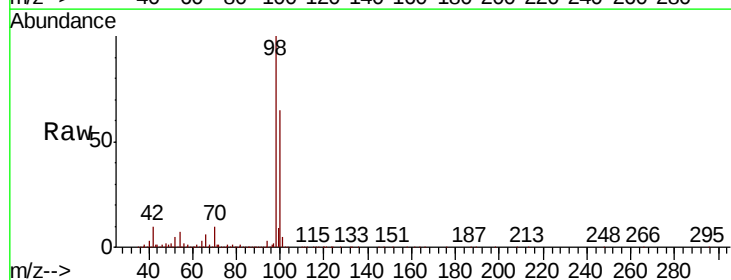
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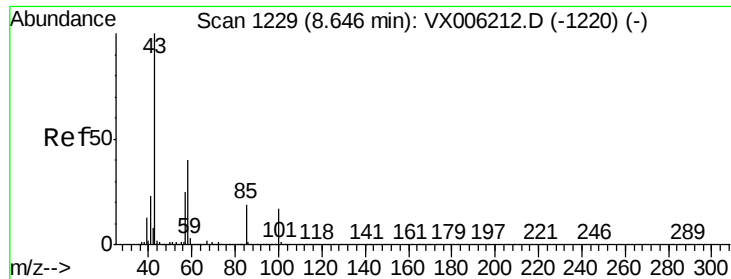
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#50
Toluene-d8
Concen: 46.229 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX006563.D
Acq: 17 Dec 2018 10:59

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.1	52.2	78.2





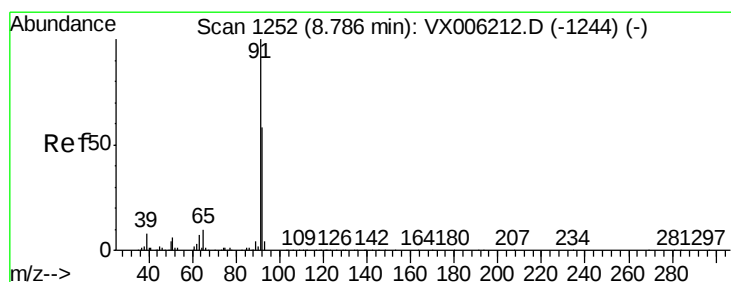
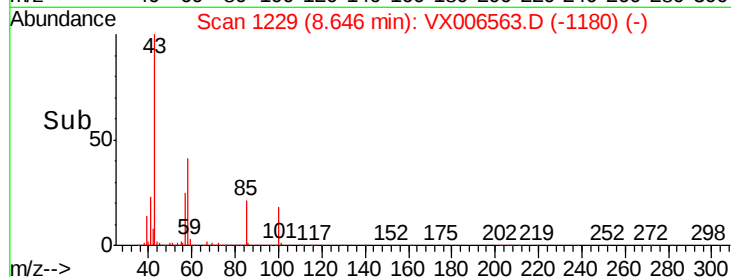
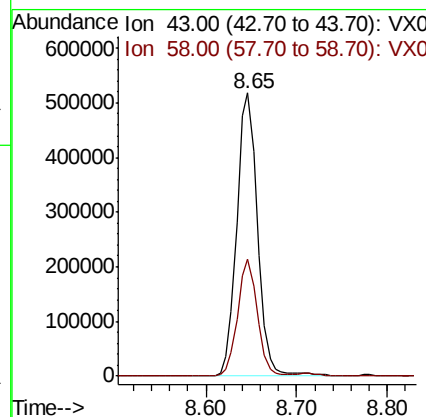
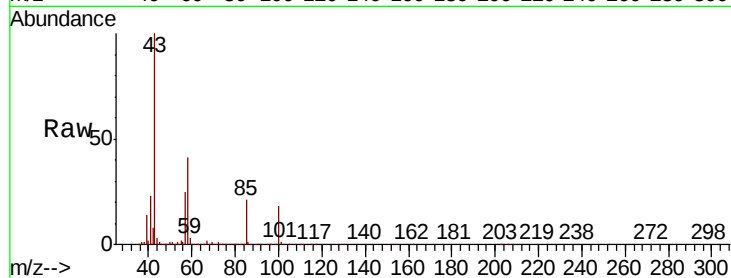
#51
4-Methyl-2-Pentanone
Concen: 97.422 ug/l
RT: 8.65 min Scan# 1229
Delta R.T. 0.00 min
Lab File: VX006563.D
Acq: 17 Dec 2018 10:59

Instrument :
MSVOA_X
ClientSampleId :
VX1217WBS01

Tot Ion: 43 Resp: 823498
Ion Ratio Lower Upper
43 100
58 39.3 31.3 46.9

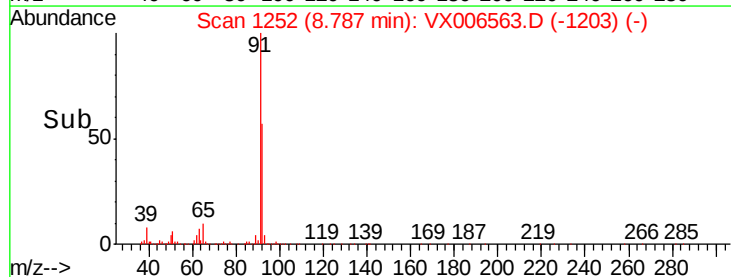
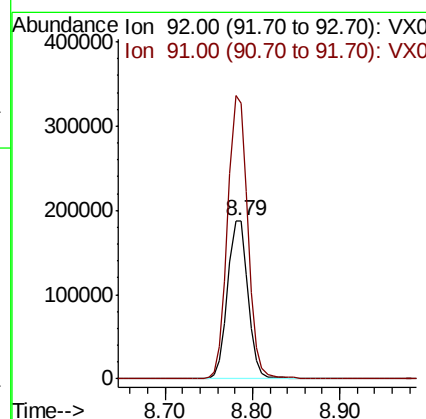
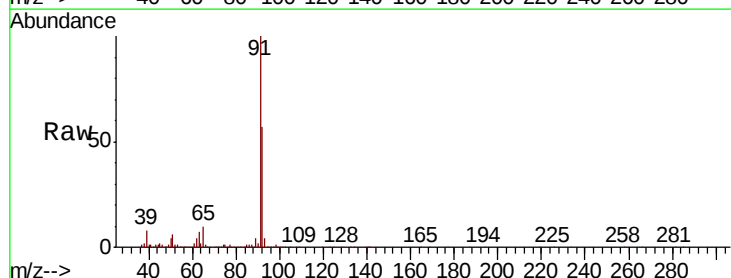
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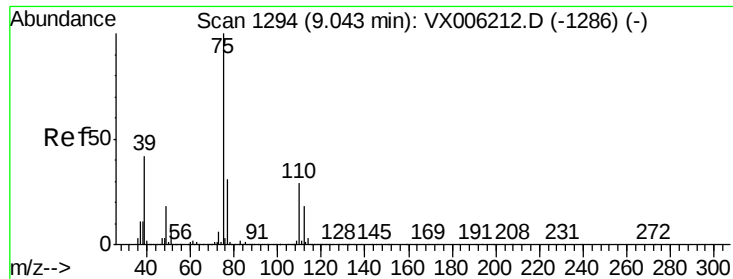
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#52
Toluene
Concen: 19.992 ug/l
RT: 8.79 min Scan# 1252
Delta R.T. 0.00 min
Lab File: VX006563.D
Acq: 17 Dec 2018 10:59

Tgt Ion: 92 Resp: 306359
Ion Ratio Lower Upper
92 100
91 174.8 139.2 208.8





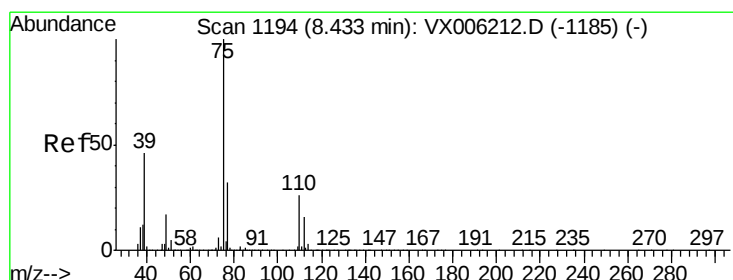
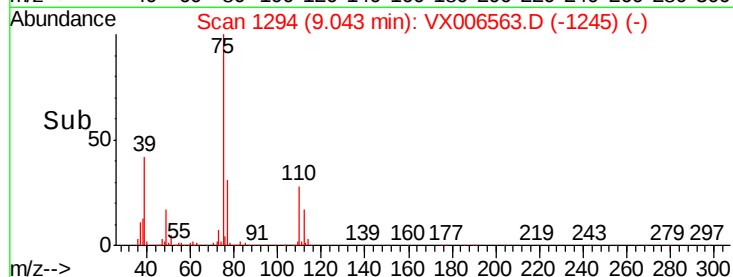
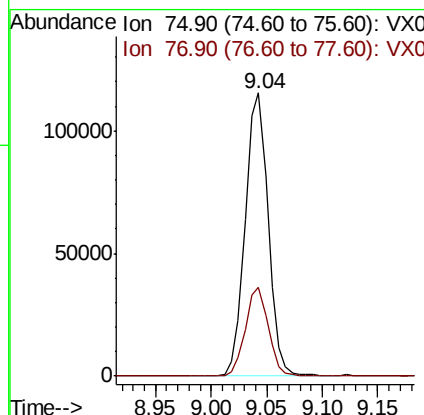
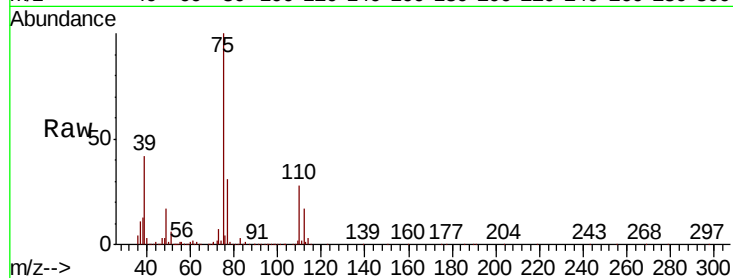
#53
t-1,3-Dichloropropene
Concen: 17.160 ug/l
RT: 9.04 min Scan# 1294
Delta R.T. 0.00 min
Lab File: VX006563.D
Acq: 17 Dec 2018 10:59

Instrument :
MSVOA_X
ClientSampleId :
VX1217WBS01

Tot Ion	Ratio	Lower	Upper
75	100		
77	31.3	25.0	37.4

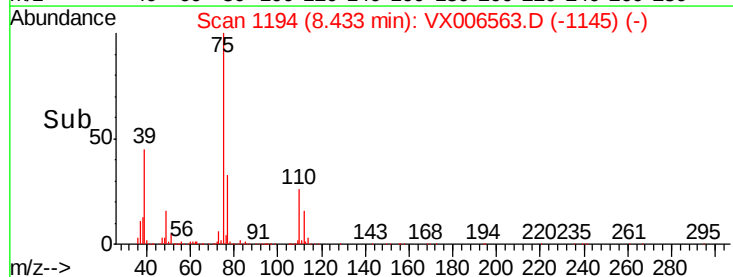
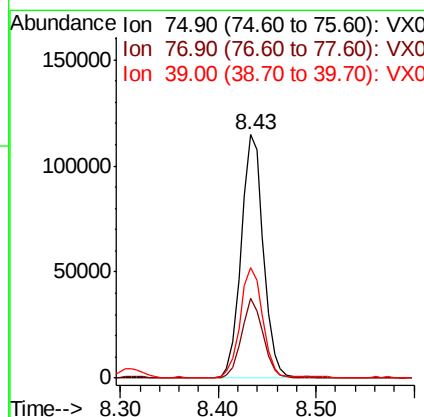
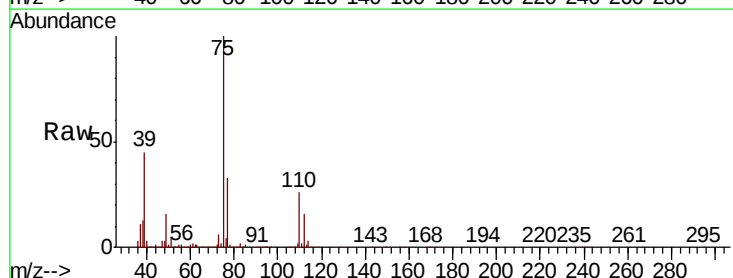
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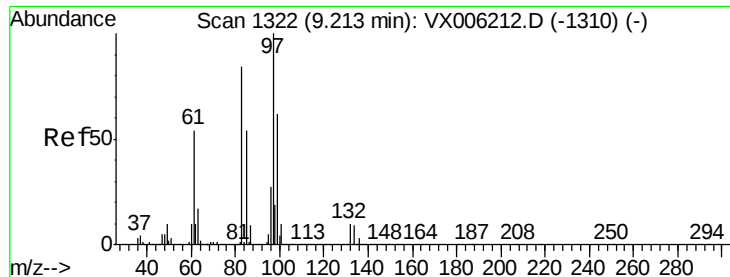
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#54
cis-1,3-Dichloropropene
Concen: 18.002 ug/l
RT: 8.43 min Scan# 1194
Delta R.T. 0.00 min
Lab File: VX006563.D
Acq: 17 Dec 2018 10:59

Tgt Ion	Ratio	Lower	Upper
75	100		
77	32.9	25.6	38.4
39	45.0	36.5	54.7





#55

1,1,2-Trichloroethane

Concen: 20.570 ug/l

RT: 9.21 min Scan# 1322

Delta R.T. 0.00 min

Lab File: VX006563.D

Acq: 17 Dec 2018 10:59

Instrument :

MSVOA_X

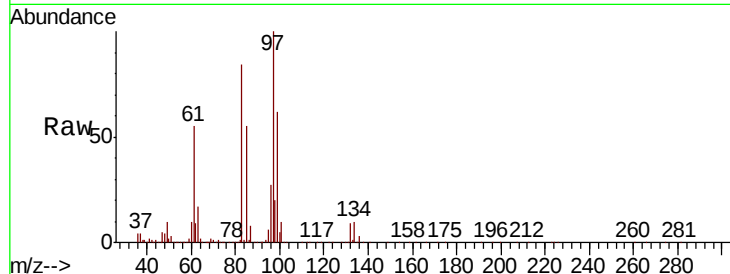
ClientSampleId :

VX1217WBS01

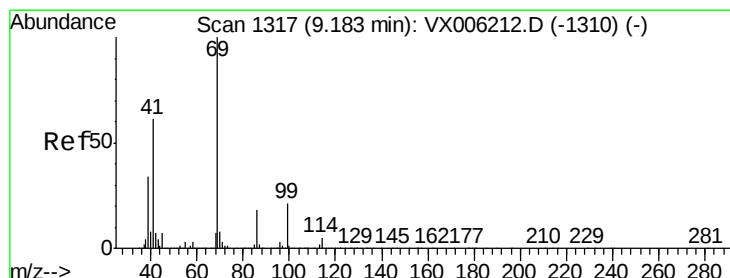
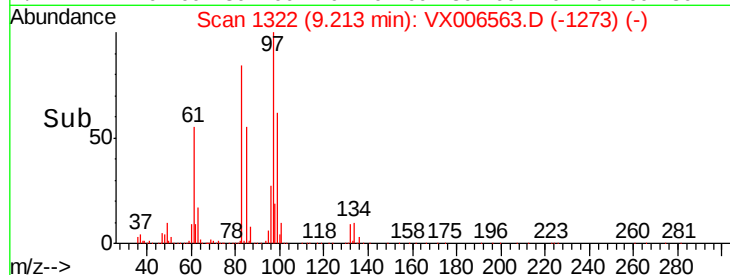
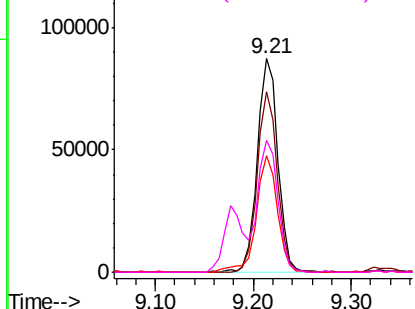
Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		128058		
83	84.2	67.1	100.7		
85	54.8	43.2	64.8		
99	62.0	49.8	74.6		

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Abundance Ion 96.90 (96.60 to 97.60): VX0
Ion 82.90 (82.60 to 83.60): VX0
Ion 84.90 (84.60 to 85.60): VX0
Ion 98.90 (98.60 to 99.60): VX0



#56

Ethyl methacrylate

Concen: 17.432 ug/l

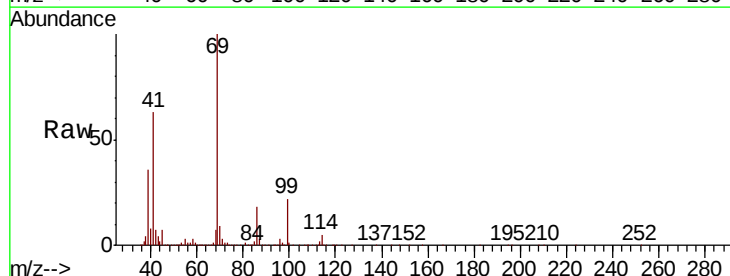
RT: 9.18 min Scan# 1316

Delta R.T. -0.01 min

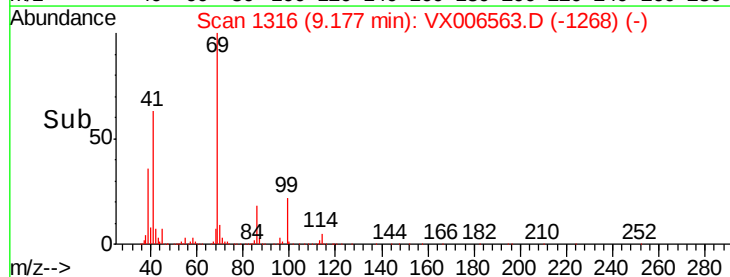
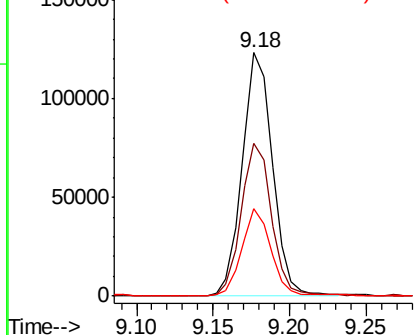
Lab File: VX006563.D

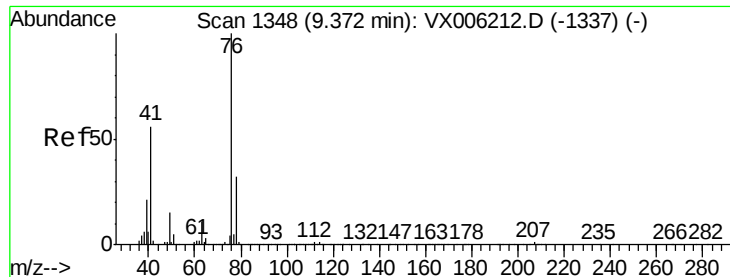
Acq: 17 Dec 2018 10:59

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		169656		
41	63.0	50.6	76.0		
39	34.0	27.6	41.4		



Abundance Ion 69.00 (68.70 to 69.70): VX0
Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0





#57

1,3-Dichloropropane

Concen: 20.508 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. 0.00 min

Lab File: VX006563.D

Acq: 17 Dec 2018 10:59

Instrument :

MSVOA_X

ClientSampleId :

VX1217WBS01

Tot Ion: 76 Resp: 201881

Ion Ratio Lower Upper

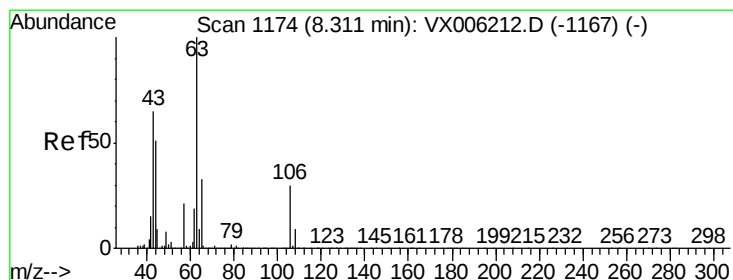
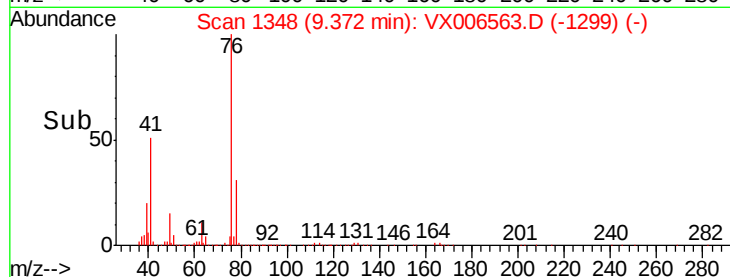
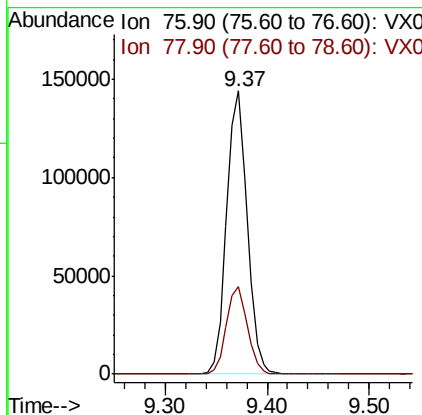
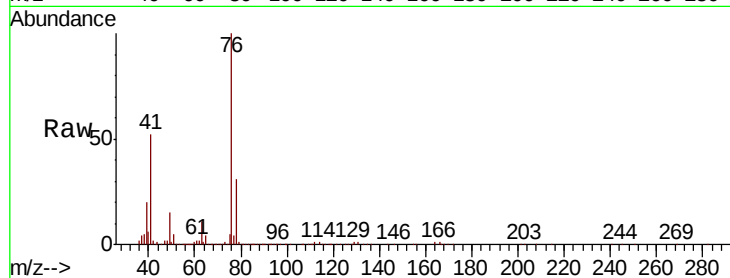
76 100

78 31.3 26.1 39.1

Manual Integrations
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#58

2-Chloroethyl Vinyl ether

Concen: 84.563 ug/l

RT: 8.31 min Scan# 1174

Delta R.T. 0.00 min

Lab File: VX006563.D

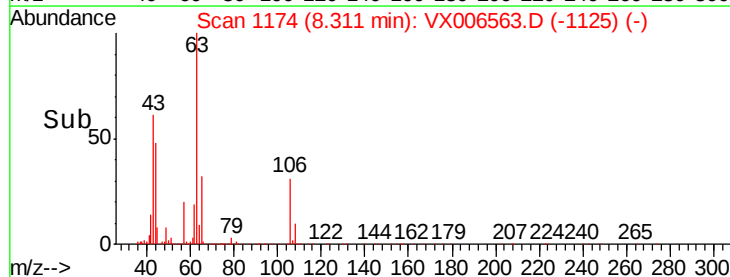
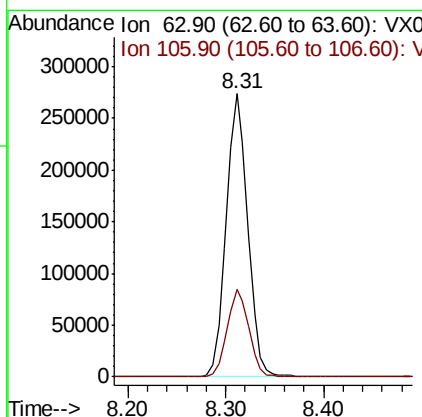
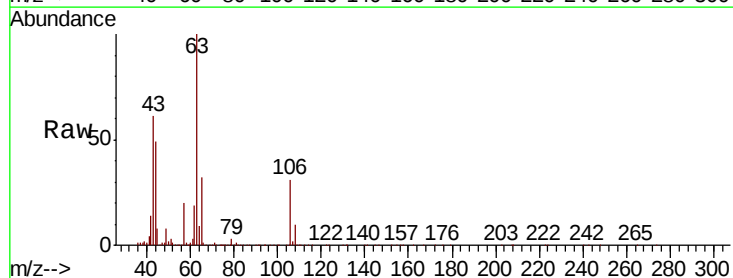
Acq: 17 Dec 2018 10:59

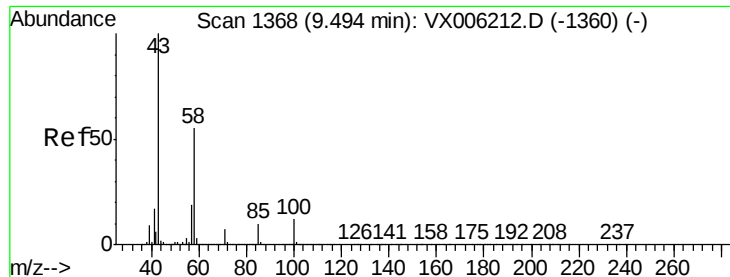
Tgt Ion: 63 Resp: 417624

Ion Ratio Lower Upper

63 100

106 31.2 24.9 37.3





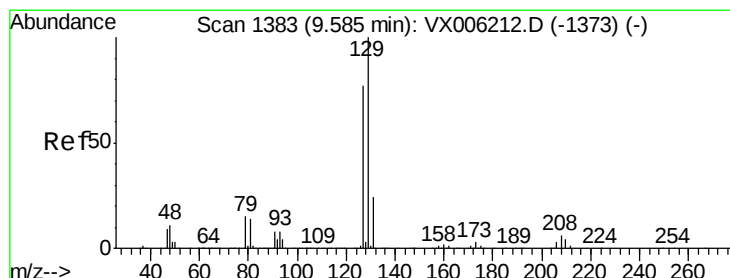
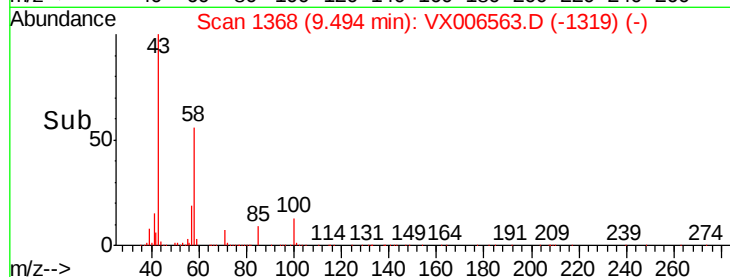
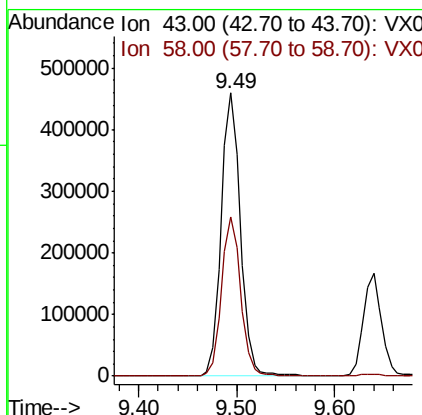
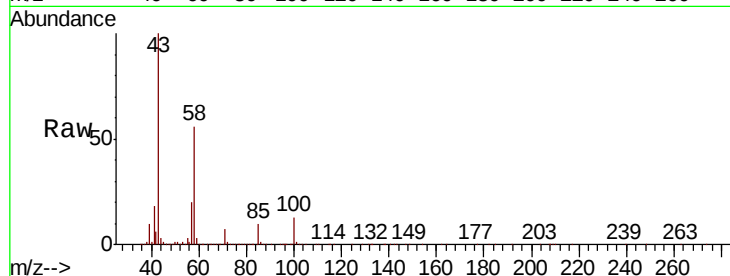
#59
2-Hexanone
Concen: 97.489 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. 0.00 min
Lab File: VX006563.D
Acq: 17 Dec 2018 10:59

Instrument :
MSVOA_X
ClientSampleId :
VX1217WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
58	56.0	27.7	83.1

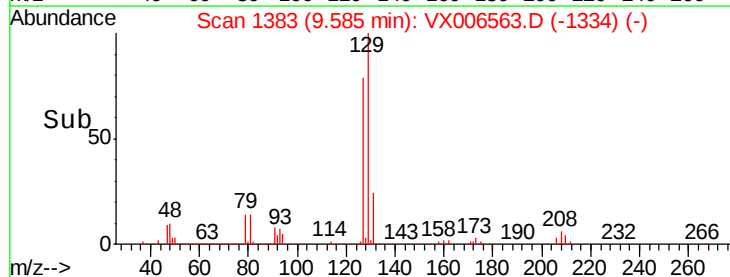
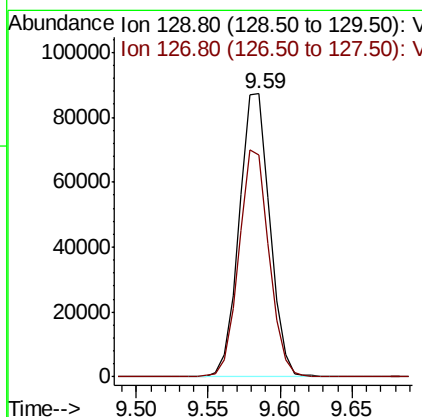
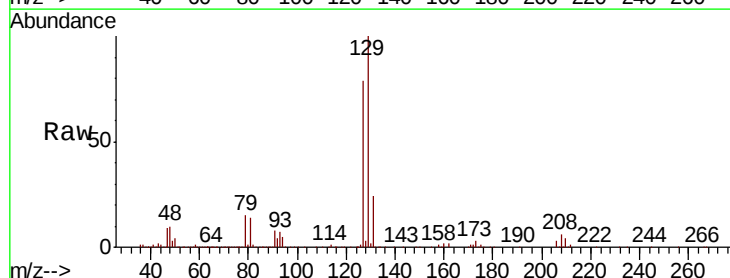
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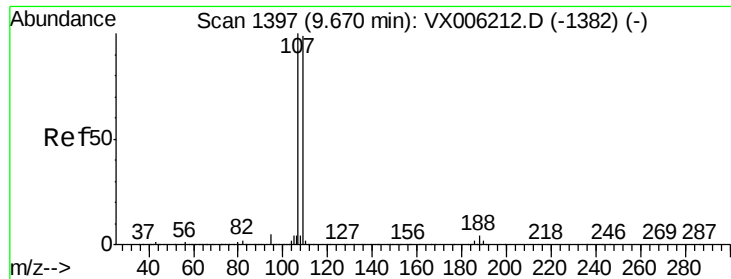
MMDadoda
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#60
Dibromochloromethane
Concen: 16.762 ug/l
RT: 9.59 min Scan# 1383
Delta R.T. 0.00 min
Lab File: VX006563.D
Acq: 17 Dec 2018 10:59

Tgt Ion	Ratio	Lower	Upper
129	100		
127	79.0	38.6	115.8





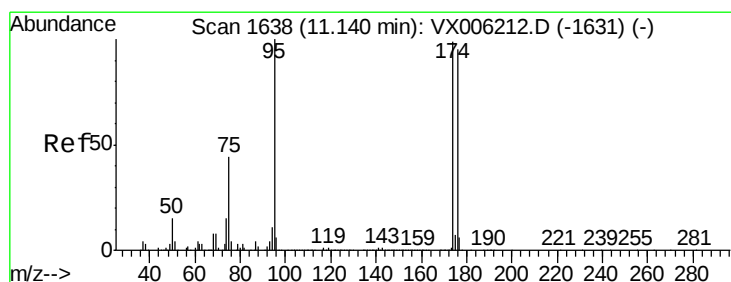
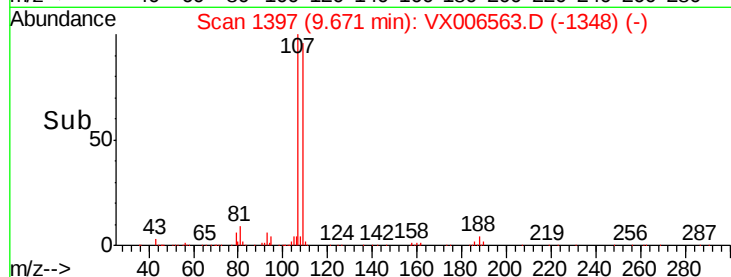
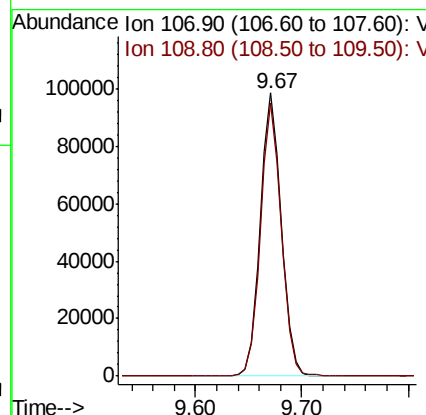
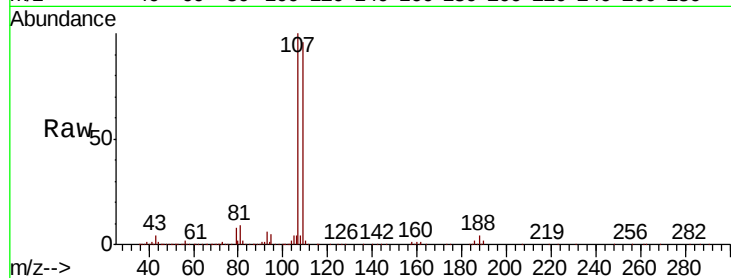
#61
 1,2-Dibromoethane
 Concen: 19.646 ug/l
 RT: 9.67 min Scan# 1397
 Delta R.T. 0.00 min
 Lab File: VX006563.D
 Acq: 17 Dec 2018 10:59

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1217WBS01

Tot Ion	Ratio	Lower	Upper
107	100		
109	95.5	76.3	114.5

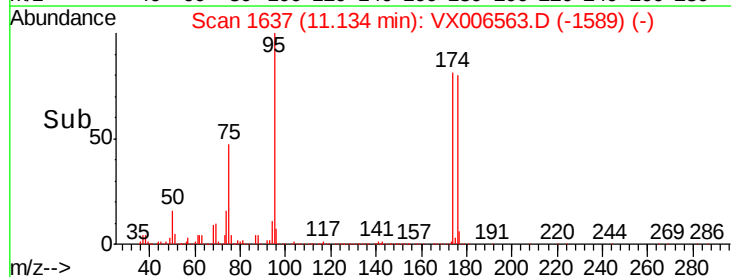
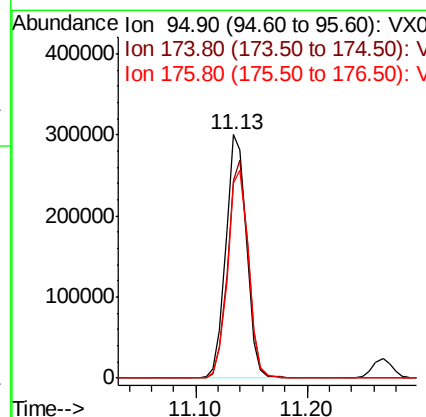
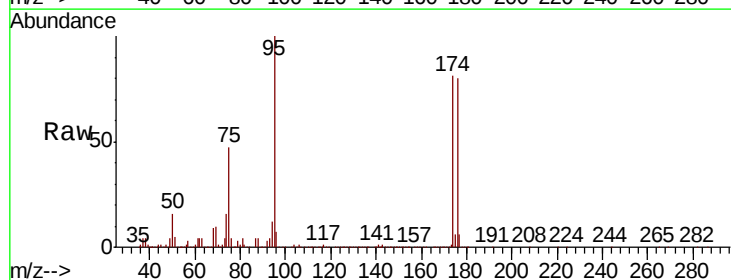
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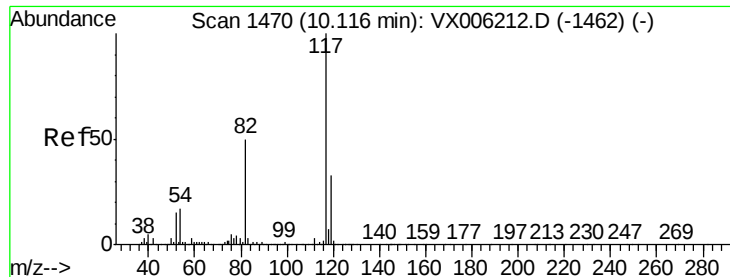
MMDadoda
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#62
 4-Bromofluorobenzene
 Concen: 47.104 ug/l
 RT: 11.13 min Scan# 1637
 Delta R.T. -0.01 min
 Lab File: VX006563.D
 Acq: 17 Dec 2018 10:59

Tgt Ion	Ratio	Lower	Upper
95	100		
174	88.4	0.0	187.0
176	86.2	0.0	181.8





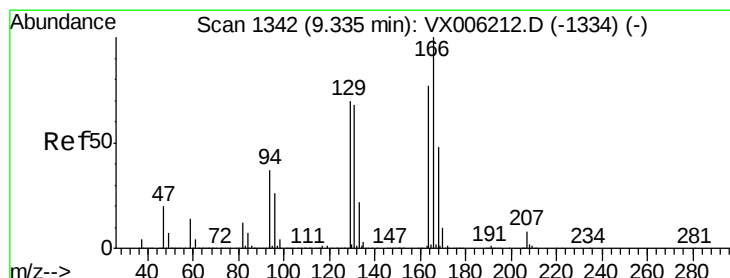
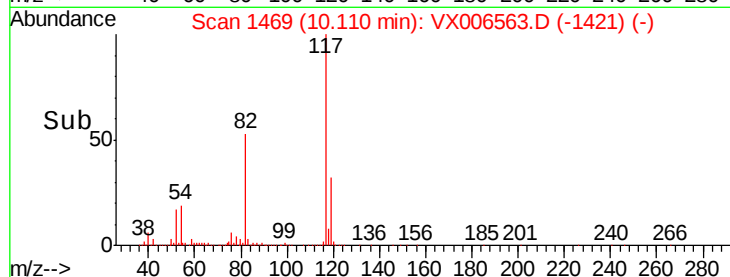
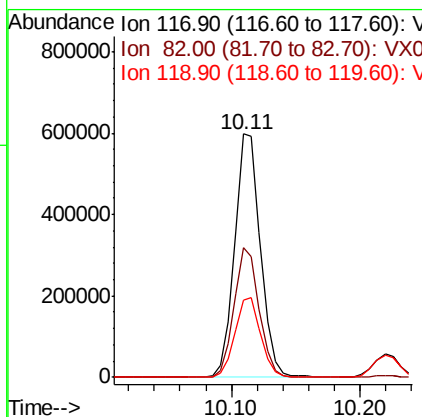
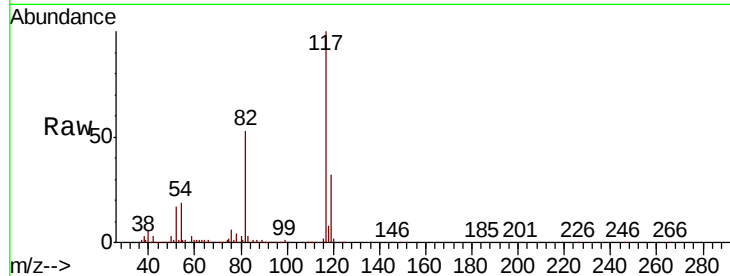
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.01 min
Lab File: VX006563.D
Acq: 17 Dec 2018 10:59

Instrument :
MSVOA_X
ClientSampleId :
VX1217WBS01

Tot Ion	Ratio	Lower	Upper
117	100		
82	53.2	39.6	59.4
119	31.8	26.3	39.5

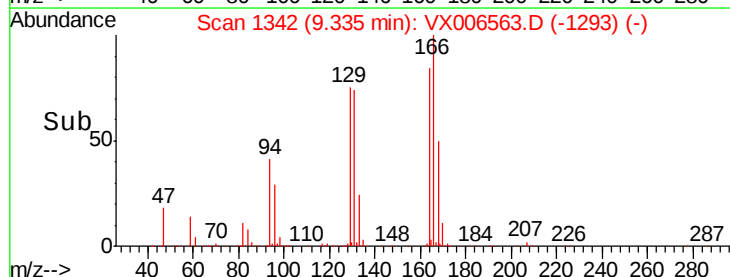
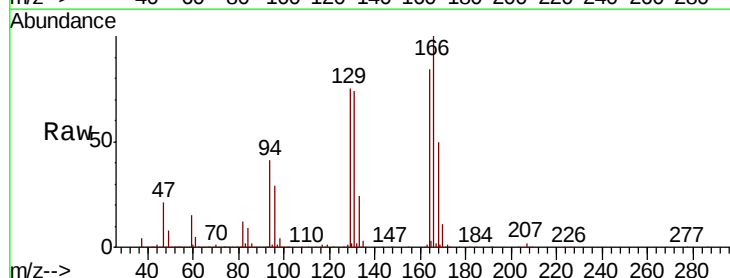
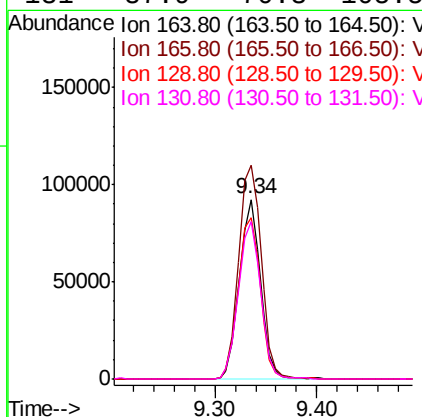
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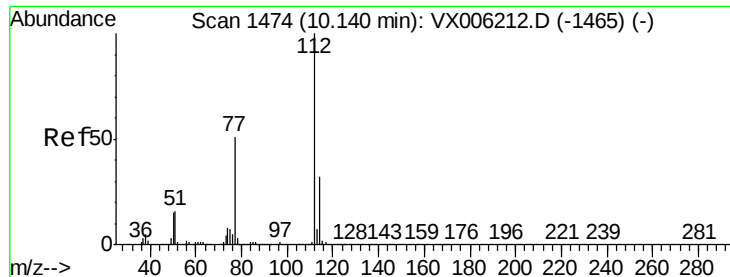
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#64
Tetrachloroethene
Concen: 21.084 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX006563.D
Acq: 17 Dec 2018 10:59

Tgt Ion	Ratio	Lower	Upper
164	100		
166	119.1	104.2	156.2
129	89.7	72.6	108.8
131	87.9	70.3	105.5





#65

Chlorobenzene

Concen: 20.338 ug/l

RT: 10.14 min Scan# 1474

Delta R.T. 0.00 min

Lab File: VX006563.D

Acq: 17 Dec 2018 10:59

Instrument :

MSVOA_X

ClientSampleId :

VX1217WBS01

Tot Ion:112 Resp: 360216

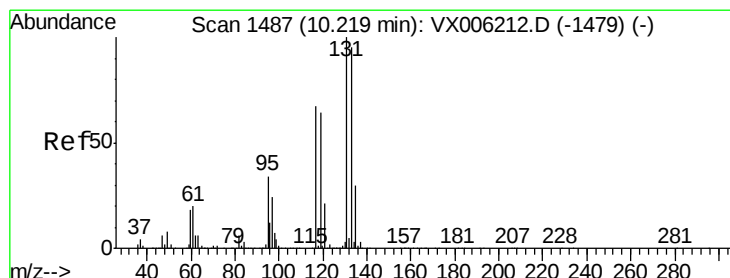
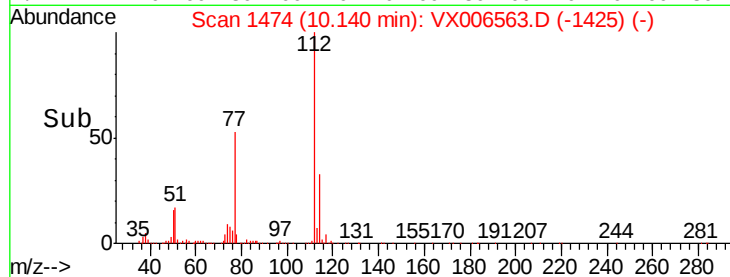
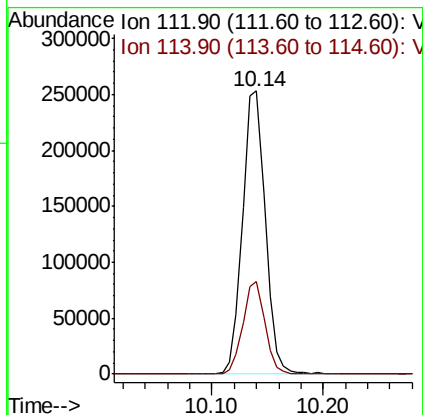
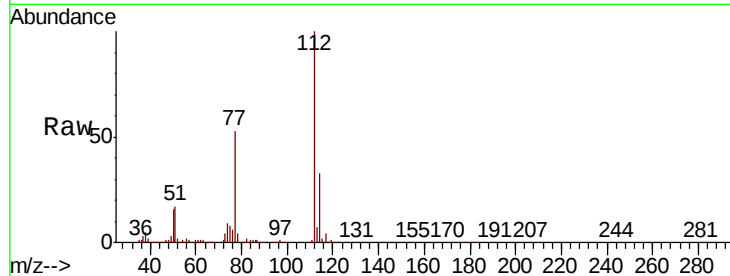
Ion Ratio Lower Upper

112 100

114 32.5 25.4 38.2

Manual Integrations
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#66

1,1,1,2-Tetrachloroethane

Concen: 17.242 ug/l

RT: 10.22 min Scan# 1487

Delta R.T. 0.00 min

Lab File: VX006563.D

Acq: 17 Dec 2018 10:59

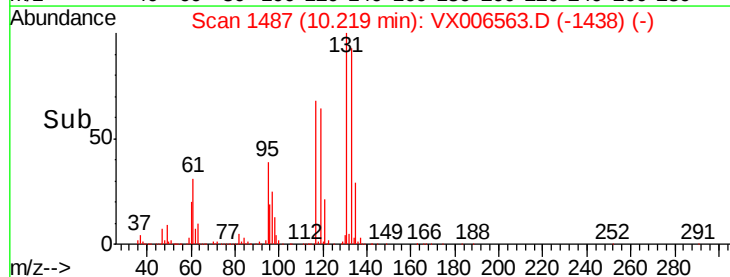
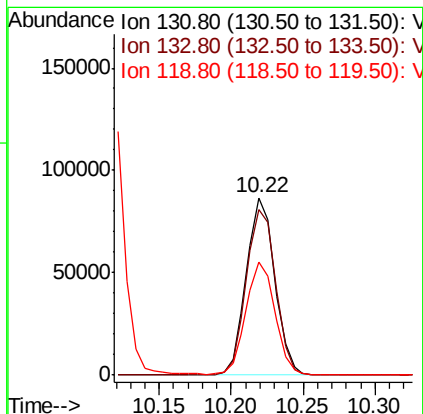
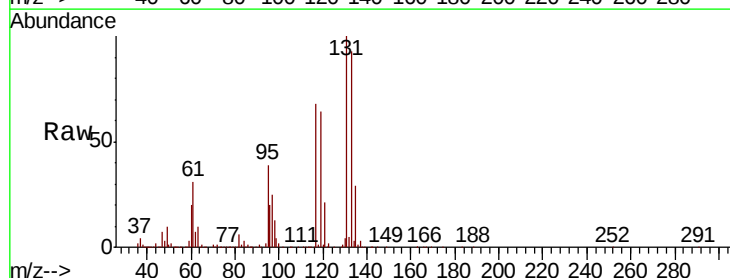
Tgt Ion:131 Resp: 118652

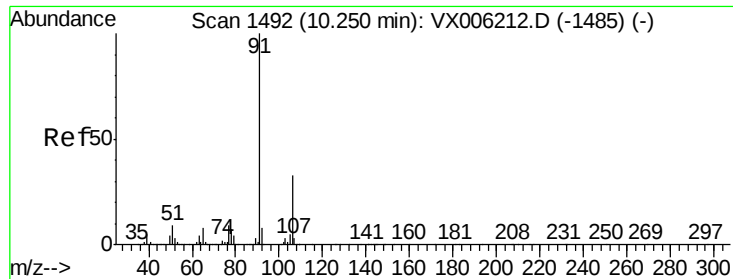
Ion Ratio Lower Upper

131 100

133 96.3 48.1 144.4

119 65.3 32.1 96.3





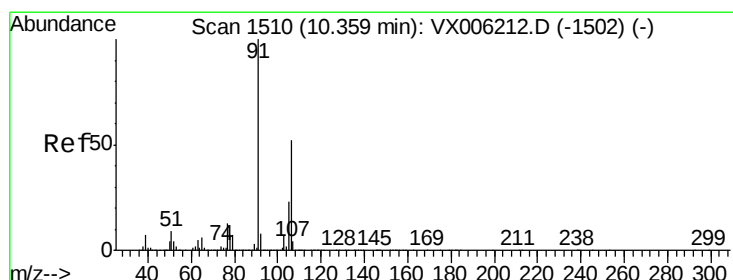
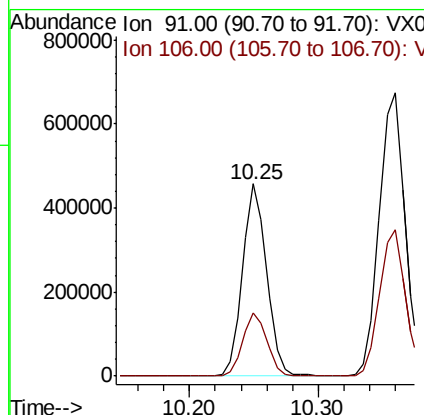
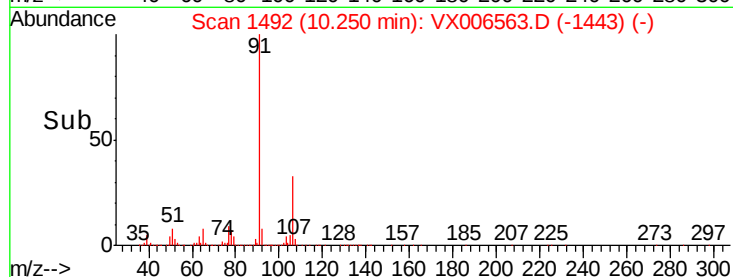
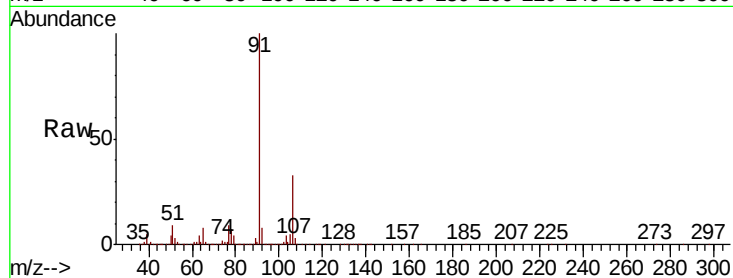
#67
Ethyl Benzene
Concen: 20.119 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VX006563.D
Acq: 17 Dec 2018 10:59

Instrument :
MSVOA_X
ClientSampleId :
VX1217WBS01

Tot Ion: 91 Resp: 592682
Ion Ratio Lower Upper
91 100
106 33.2 26.5 39.7

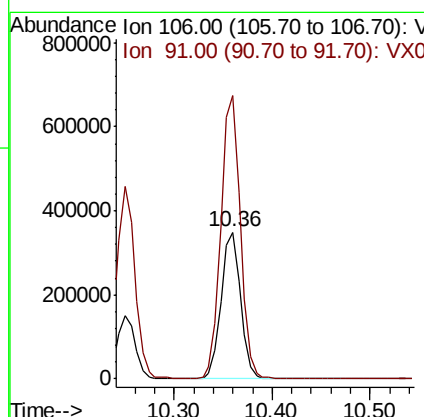
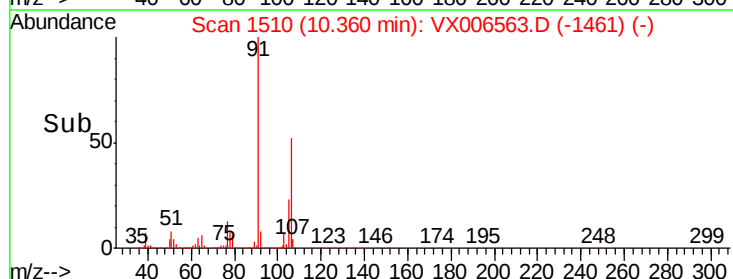
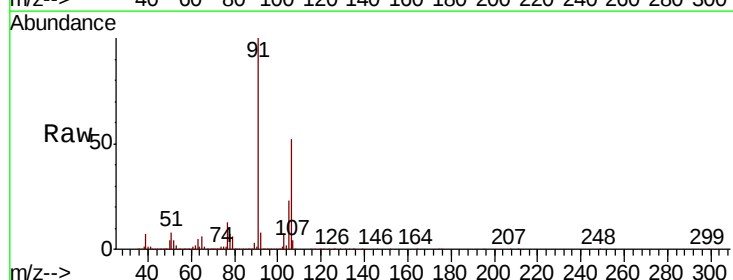
Manual Integrations
APPROVED

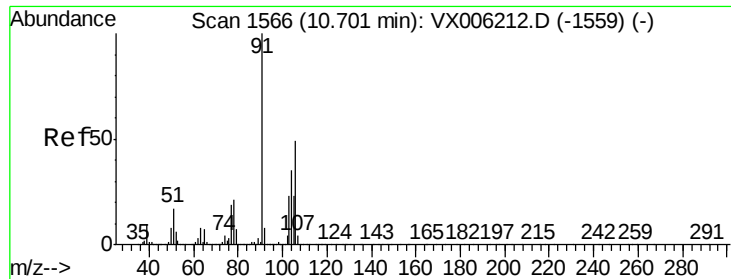
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#68
m/p-Xylenes
Concen: 40.796 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. 0.00 min
Lab File: VX006563.D
Acq: 17 Dec 2018 10:59

Tgt Ion: 106 Resp: 481401
Ion Ratio Lower Upper
106 100
91 193.1 155.2 232.8





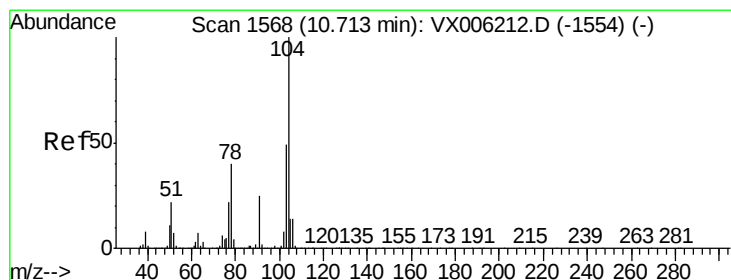
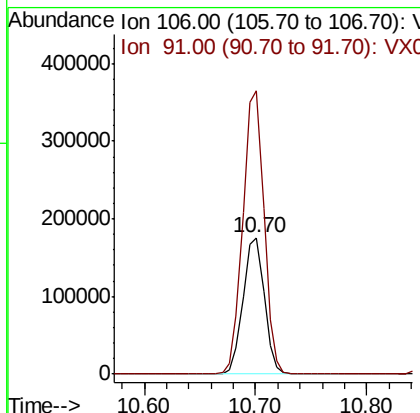
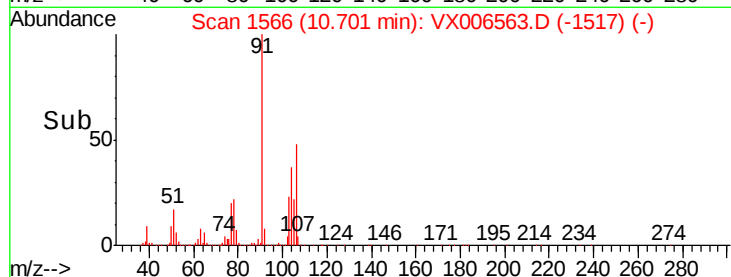
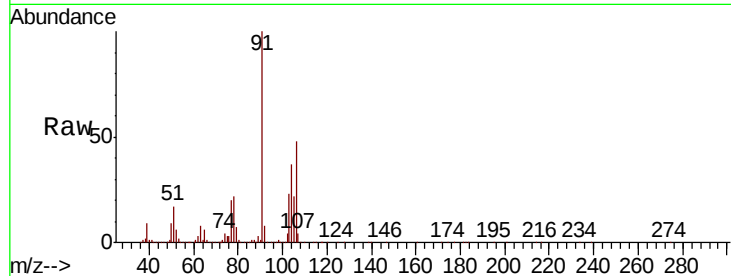
#69
o-Xylene
Concen: 20.024 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. 0.00 min
Lab File: VX006563.D
Acq: 17 Dec 2018 10:59

Instrument :
MSVOA_X
ClientSampleId :
VX1217WBS01

Tot Ion:106 Resp: 233389
Ion Ratio Lower Upper
106 100
91 207.7 101.8 305.6

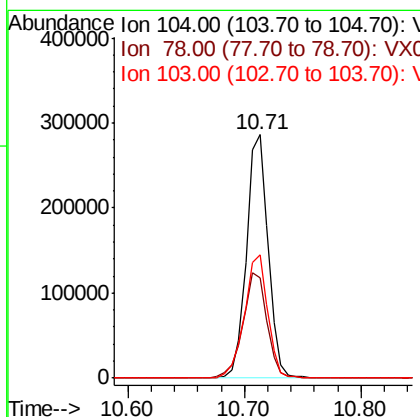
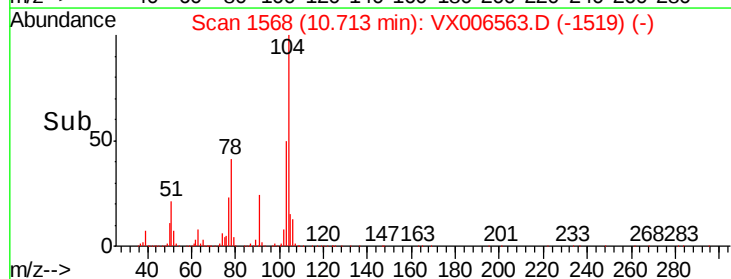
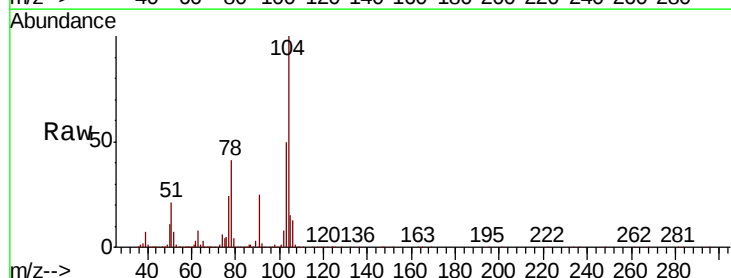
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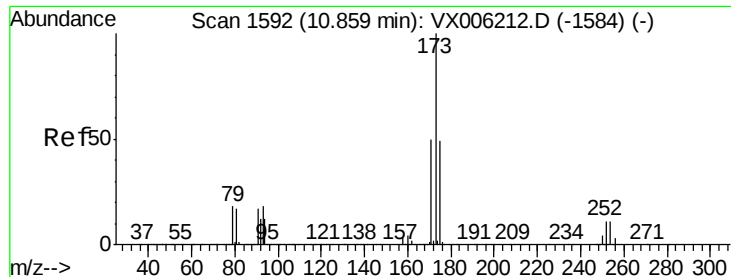
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#70
Styrene
Concen: 19.779 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX006563.D
Acq: 17 Dec 2018 10:59

Tgt Ion:104 Resp: 372858
Ion Ratio Lower Upper
104 100
78 48.0 37.2 55.8
103 54.7 43.5 65.3





#71

Bromoform

Concen: 14.961 ug/l

RT: 10.86 min Scan# 1592

Delta R.T. 0.00 min

Lab File: VX006563.D

Acq: 17 Dec 2018 10:59

Instrument :

MSVOA_X

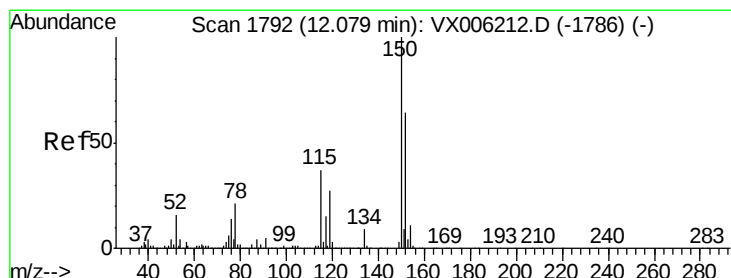
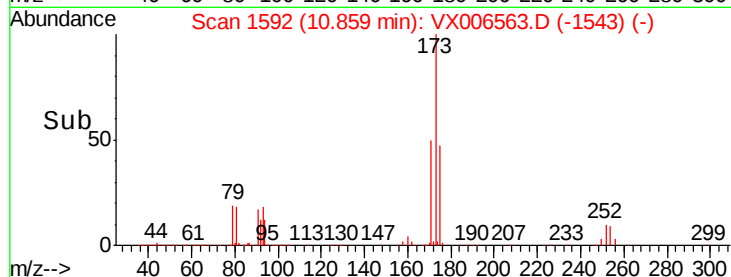
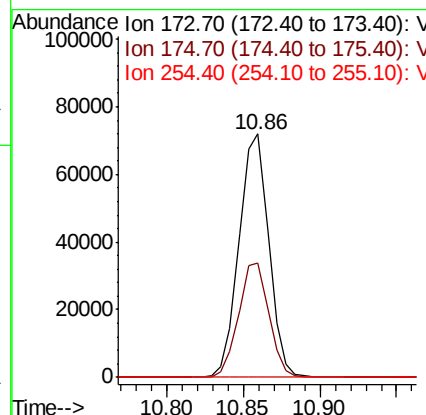
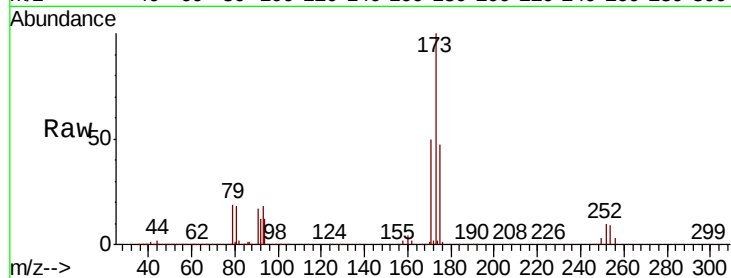
ClientSampleId :

VX1217WBS01

Tot Ion:	173	Resp:	97186
Ion Ratio	Lower	Upper	
173	100		
175	48.2	24.6	73.8
254	0.0	0.2	0.2#

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#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

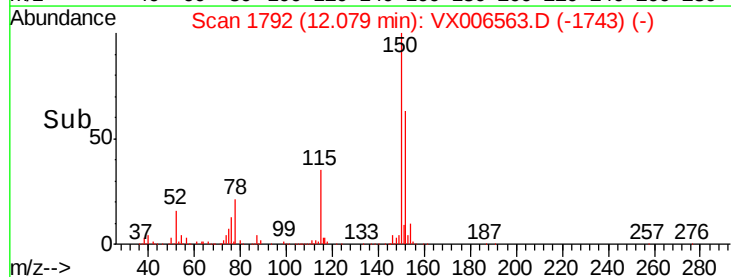
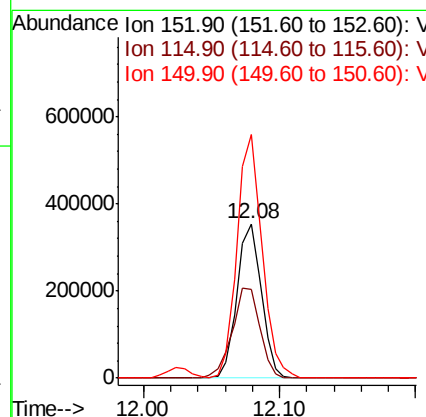
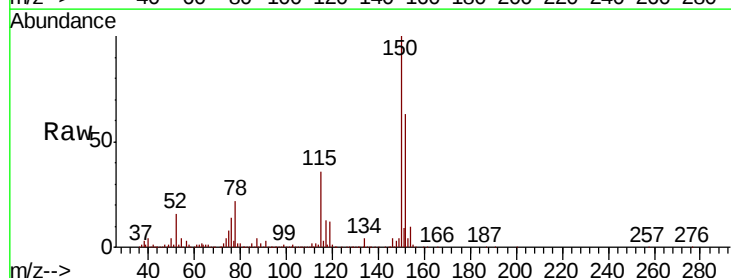
RT: 12.08 min Scan# 1792

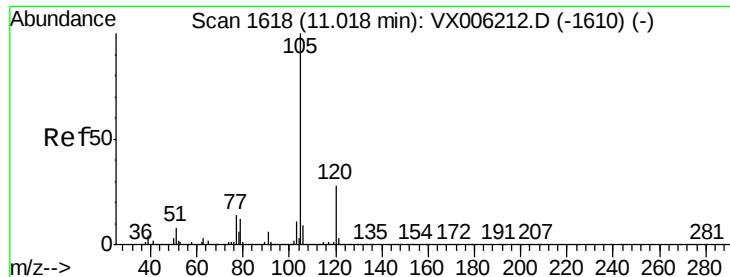
Delta R.T. 0.00 min

Lab File: VX006563.D

Acq: 17 Dec 2018 10:59

Tgt Ion:	152	Resp:	441170
Ion Ratio	Lower	Upper	
152	100		
115	66.6	39.0	116.9
150	162.6	0.0	345.8





#73

Isopropylbenzene

Concen: 20.558 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX006563.D

Acq: 17 Dec 2018 10:59

Instrument :

MSVOA_X

ClientSampleId :

VX1217WBS01

Tot Ion:105 Resp: 626322

Ion Ratio Lower Upper

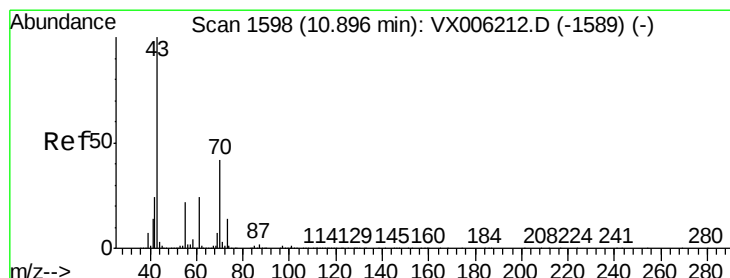
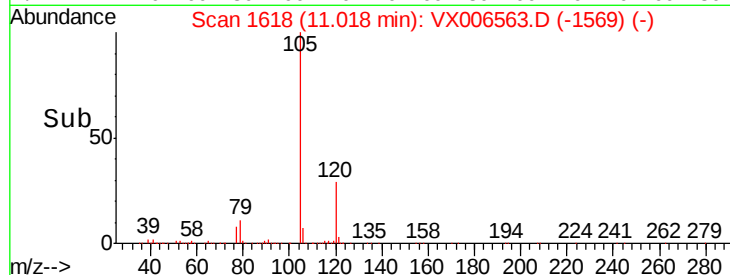
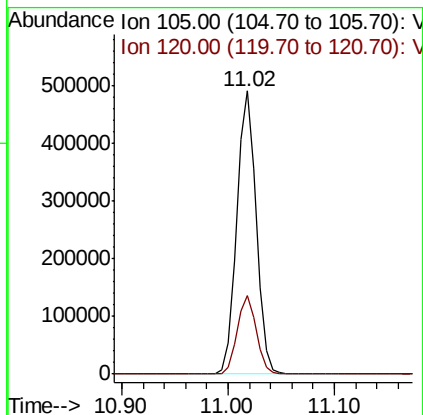
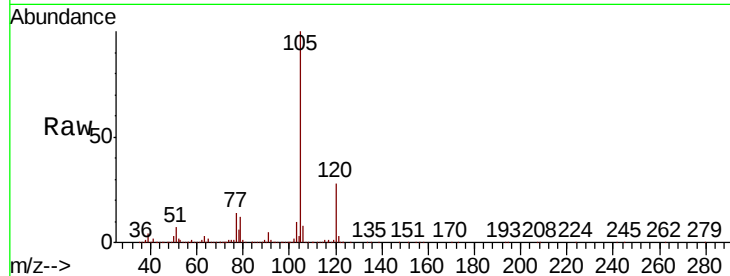
105 100

120 27.3 14.1 42.3

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#74

N-ethyl acetate

Concen: 15.597 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. 0.00 min

Lab File: VX006563.D

Acq: 17 Dec 2018 10:59

Tgt Ion: 43 Resp: 204632

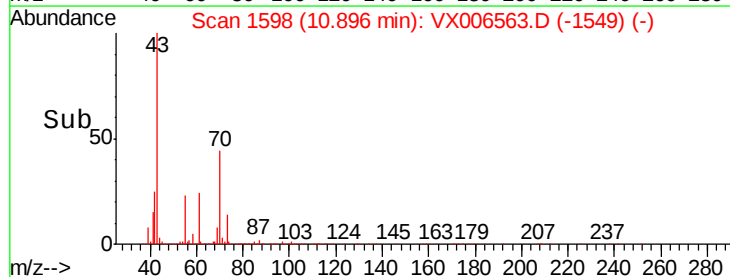
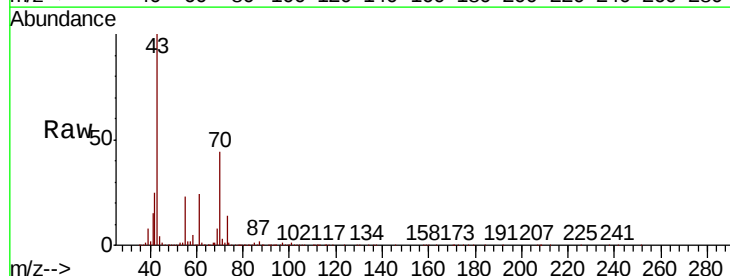
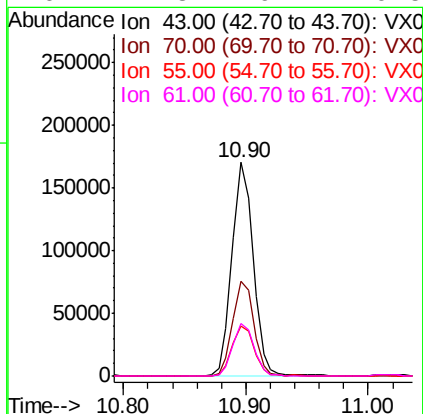
Ion Ratio Lower Upper

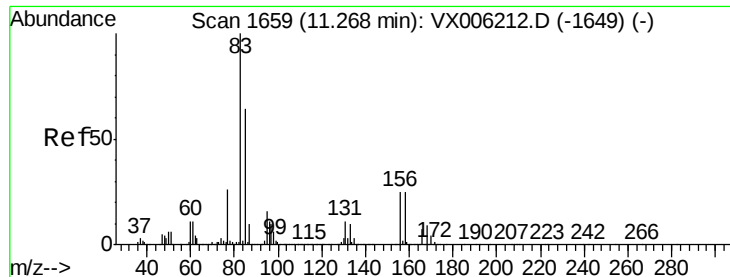
43 100

70 45.0 34.1 51.1

55 24.4 17.8 26.8

61 24.8 19.7 29.5





#75

1,1,2,2-Tetrachloroethane

Concen: 19.538 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. 0.00 min

Lab File: VX006563.D

Acq: 17 Dec 2018 10:59

Instrument :

MSVOA_X

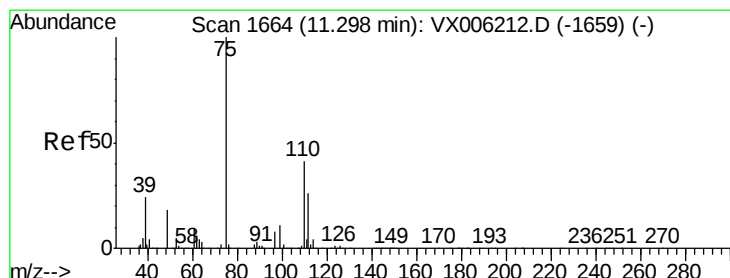
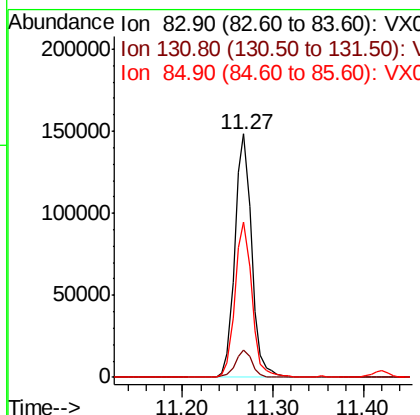
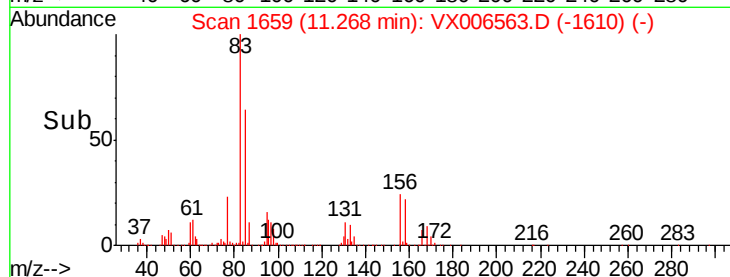
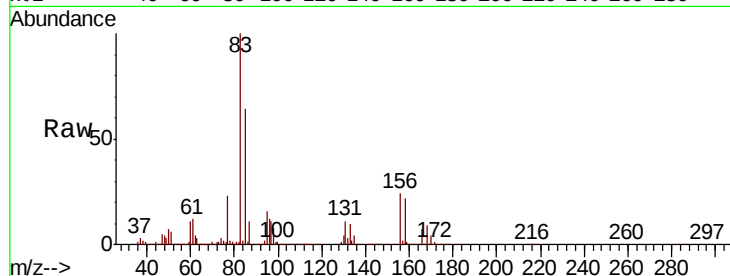
ClientSampleId :

VX1217WBS01

Tot Ion:	83	Resp:	190439
Ion Ratio	Lower	Upper	
83	100		
131	11.1	5.7	17.1
85	64.2	32.1	96.5

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 20.805 ug/l m

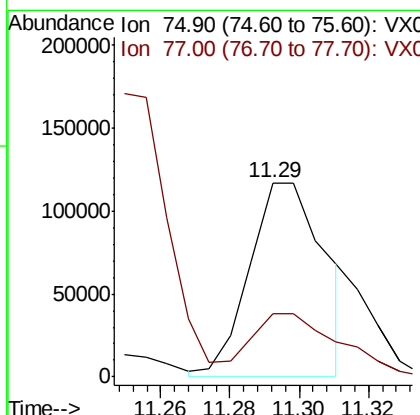
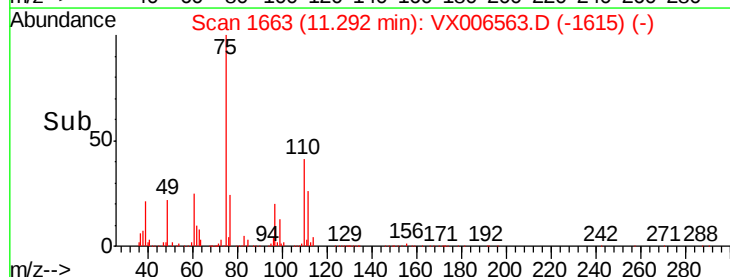
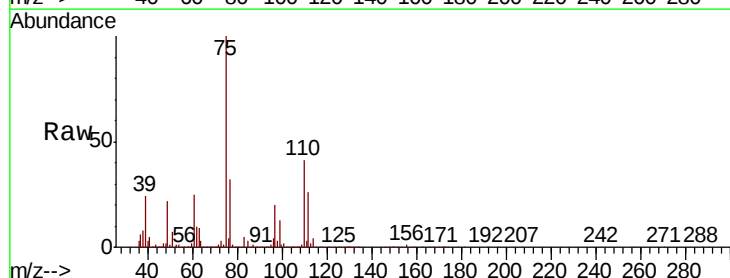
RT: 11.29 min Scan# 1663

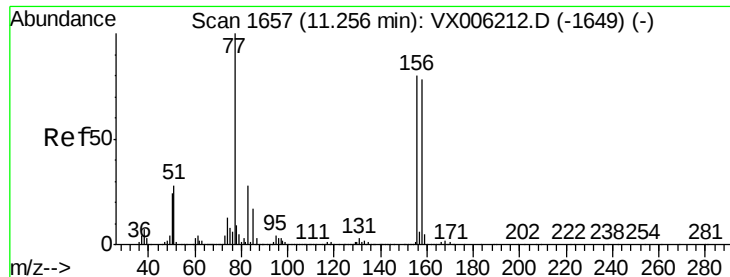
Delta R.T. -0.01 min

Lab File: VX006563.D

Acq: 17 Dec 2018 10:59

Tgt Ion:	75	Resp:	177162
Ion Ratio	Lower	Upper	
75	100		
77	37.3	19.9	59.7





#77

Bromobenzene

Concen: 19.656 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. 0.00 min

Lab File: VX006563.D

Acq: 17 Dec 2018 10:59

Instrument :

MSVOA_X

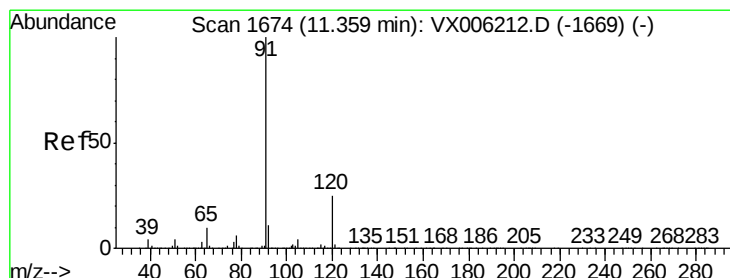
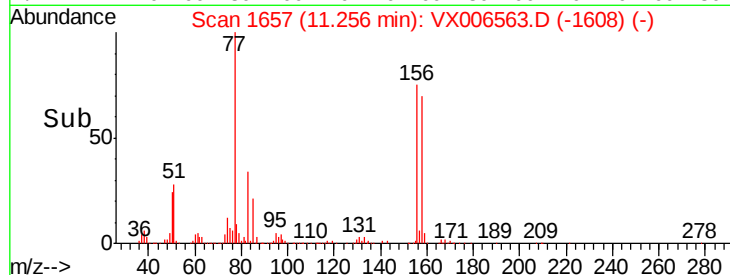
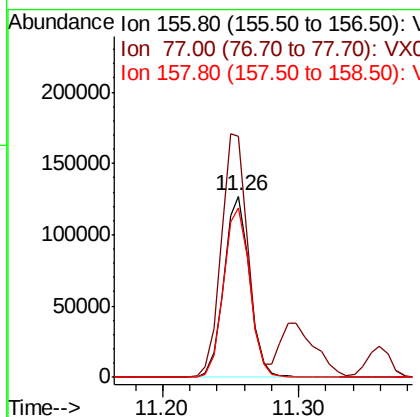
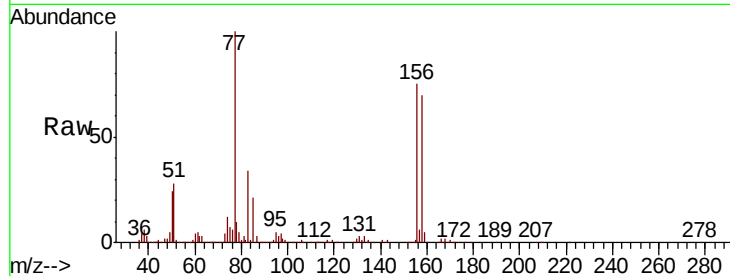
ClientSampleId :

VX1217WBS01

Tot Ion	Ratio	Lower	Upper
156	100		
77	136.9	66.2	198.6
158	95.2	48.8	146.4

Manual Integrations
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12/18/2018 9:44:43 AM



#78

n-propylbenzene

Concen: 20.291 ug/l

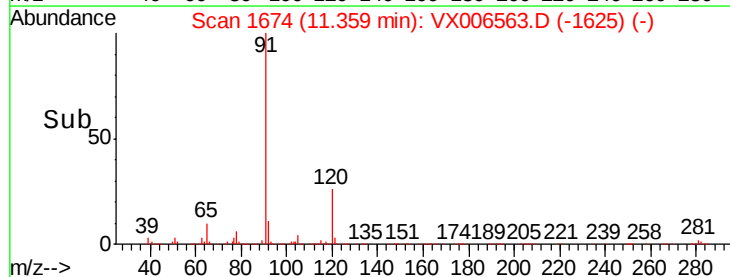
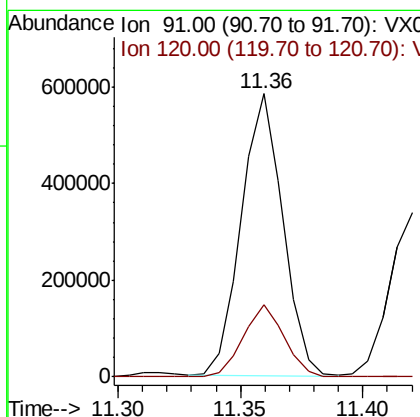
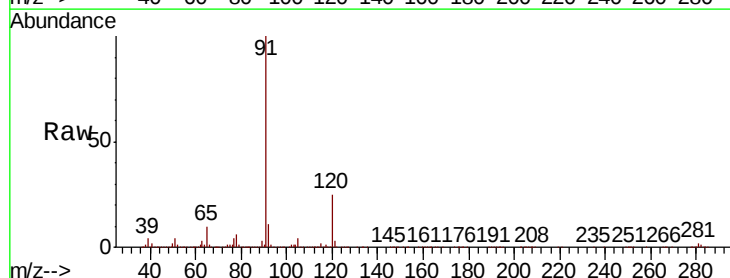
RT: 11.36 min Scan# 1674

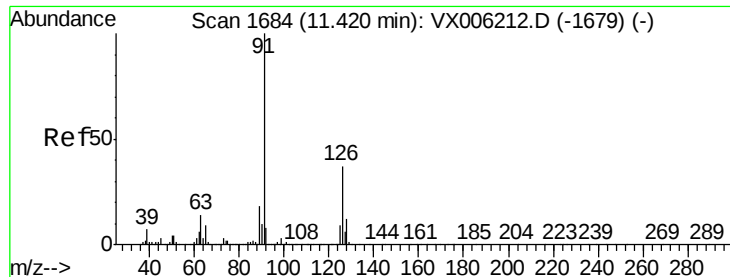
Delta R.T. 0.00 min

Lab File: VX006563.D

Acq: 17 Dec 2018 10:59

Tgt Ion	Ratio	Lower	Upper
91	100		
120	25.4	12.7	38.0





#79

2-Chlorotoluene

Concen: 20.434 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. 0.00 min

Lab File: VX006563.D

Acq: 17 Dec 2018 10:59

Instrument :

MSVOA_X

ClientSampleId :

VX1217WBS01

Tot Ion: 91 Resp: 411324

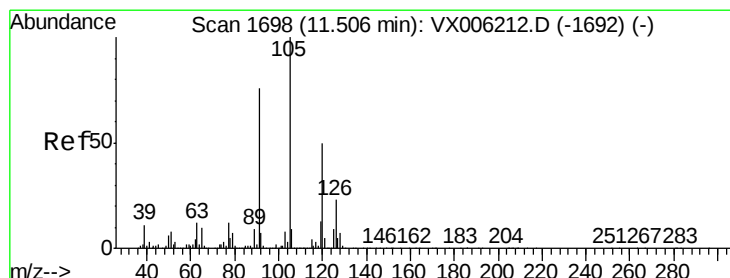
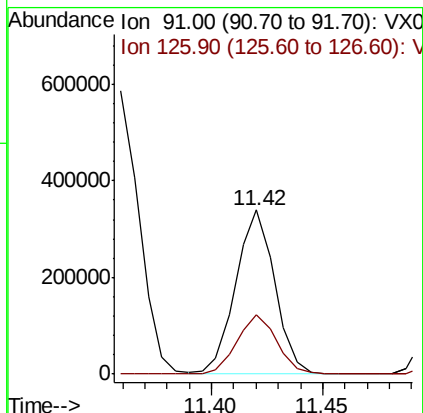
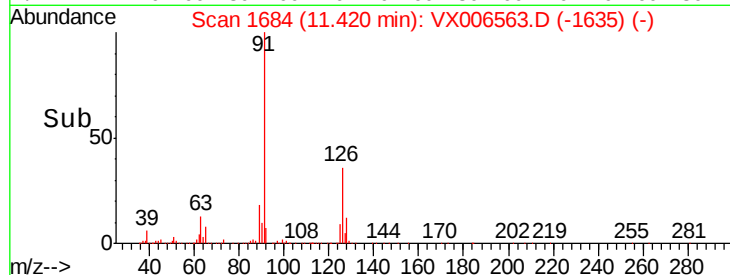
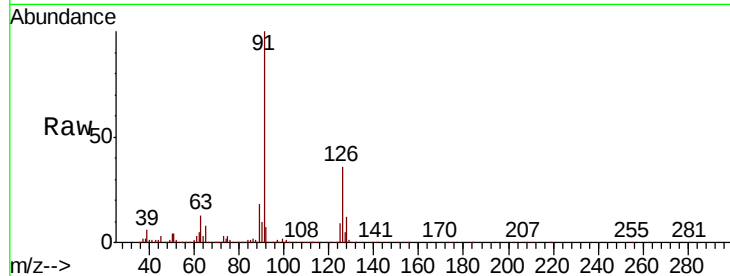
Ion Ratio Lower Upper

91 100

126 37.0 18.6 56.0

Manual Integrations
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#80

1,3,5-Trimethylbenzene

Concen: 20.413 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX006563.D

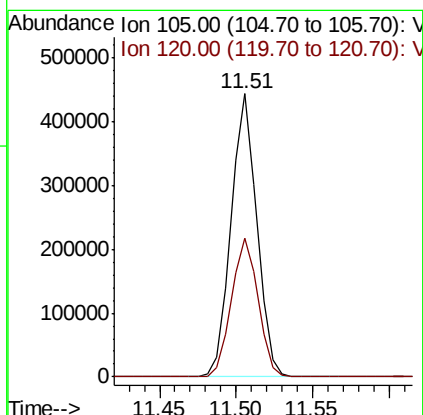
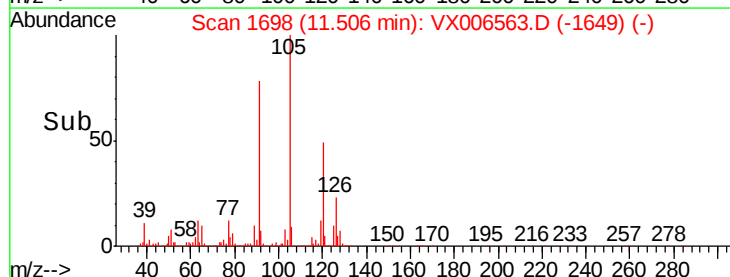
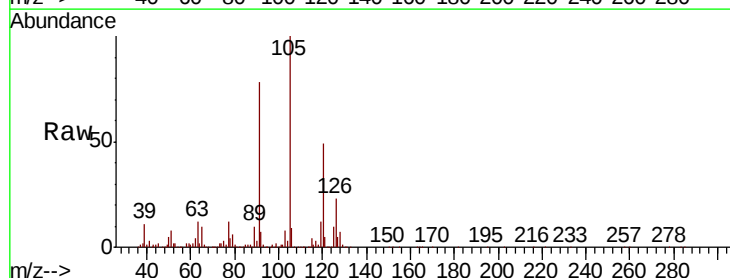
Acq: 17 Dec 2018 10:59

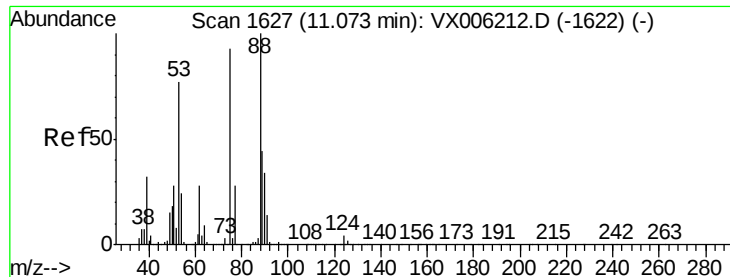
Tgt Ion: 105 Resp: 517460

Ion Ratio Lower Upper

105 100

120 50.7 25.4 76.0





#81

trans-1,4-Dichloro-2-butene

Concen: 13.436 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. 0.00 min

Lab File: VX006563.D

Acq: 17 Dec 2018 10:59

Instrument :

MSVOA_X

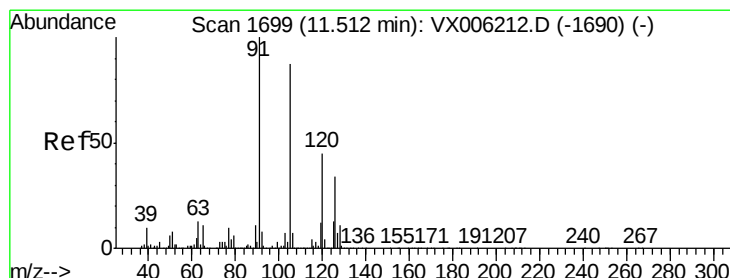
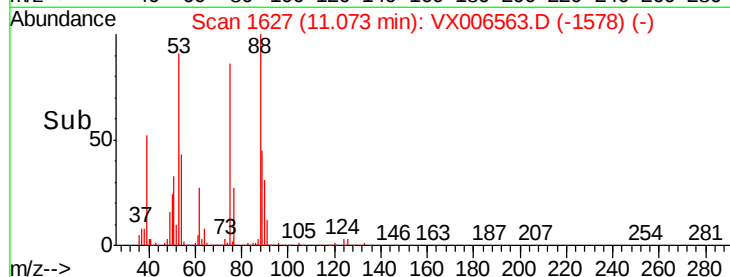
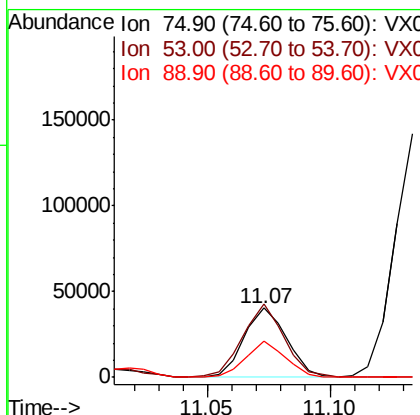
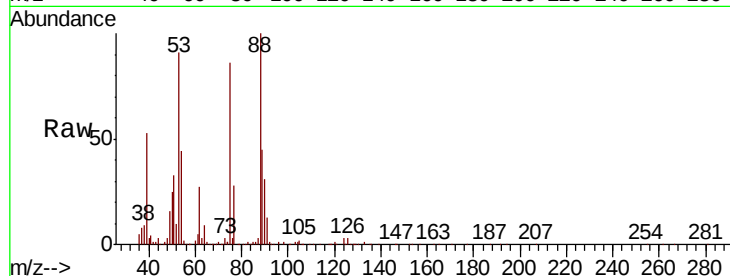
ClientSampleId :

VX1217WBS01

Tot Ion:	75	Resp:	48755
Ion Ratio	Lower	Upper	
75	100		
53	104.0	64.4	96.6#
89	48.5	44.2	66.4

Manual Integrations
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#82

4-Chlorotoluene

Concen: 20.120 ug/l

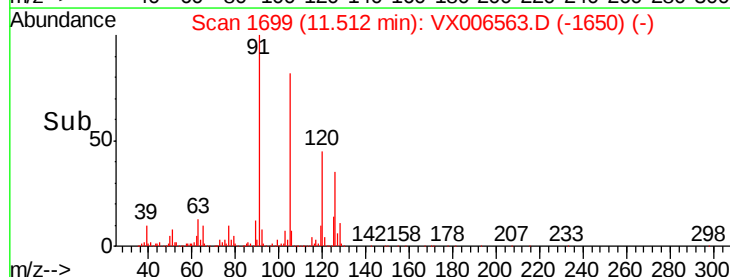
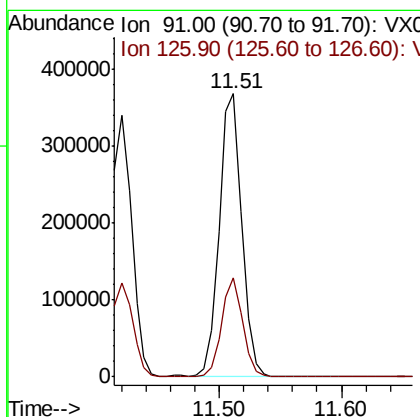
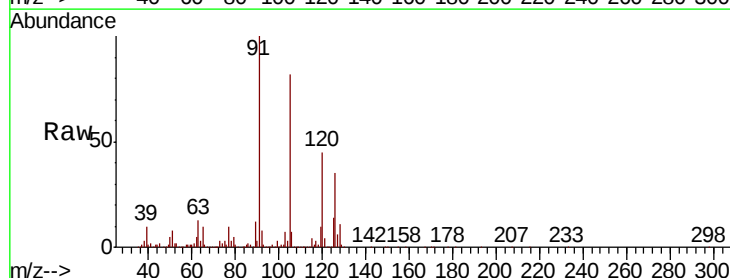
RT: 11.51 min Scan# 1699

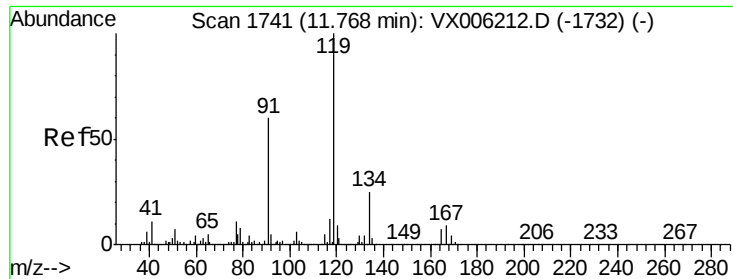
Delta R.T. 0.00 min

Lab File: VX006563.D

Acq: 17 Dec 2018 10:59

Tgt Ion:	91	Resp:	470862
Ion Ratio	Lower	Upper	
91	100		
126	32.9	16.4	49.4





#83

tert-Butylbenzene

Concen: 18.872 ug/l

RT: 11.77 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VX006563.D

Acq: 17 Dec 2018 10:59

Instrument :

MSVOA_X

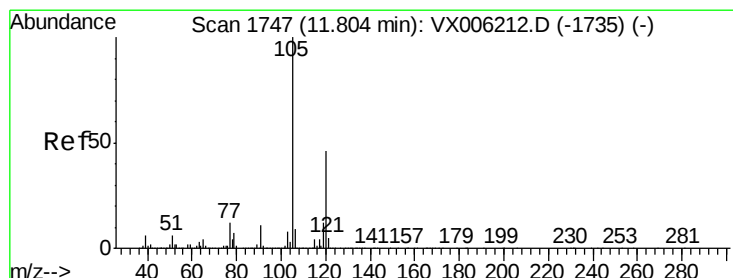
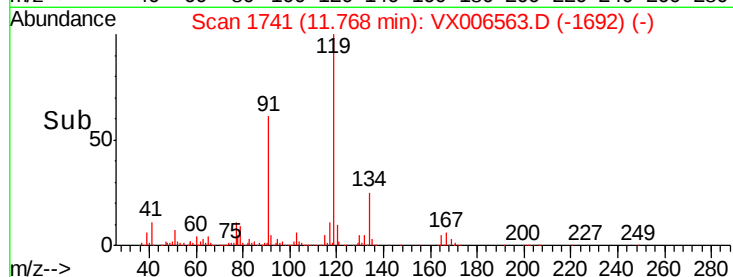
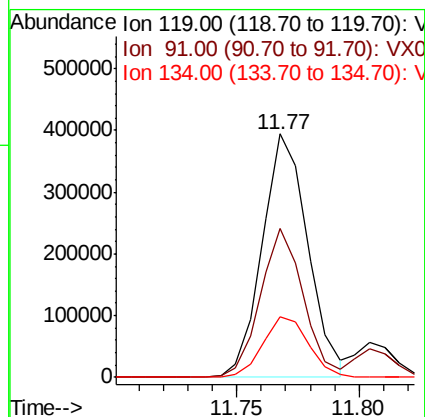
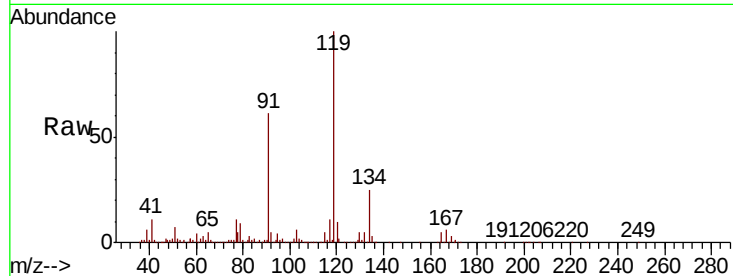
ClientSampleId :

VX1217WBS01

Tot Ion:	119	Resp:	510417
Ion Ratio	Lower	Upper	
119	100		
91	57.6	26.4	79.2
134	24.9	11.6	34.7

Manual Integrations
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#84

1,2,4-Trimethylbenzene

Concen: 20.186 ug/l

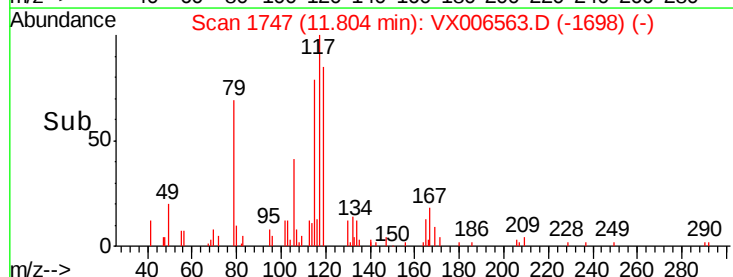
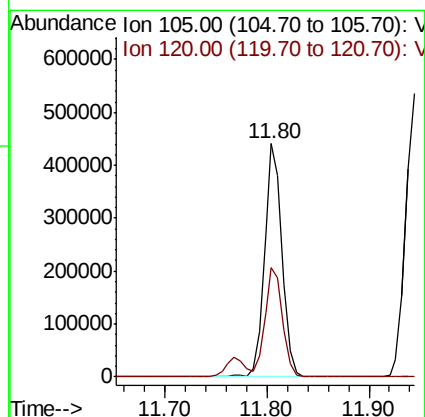
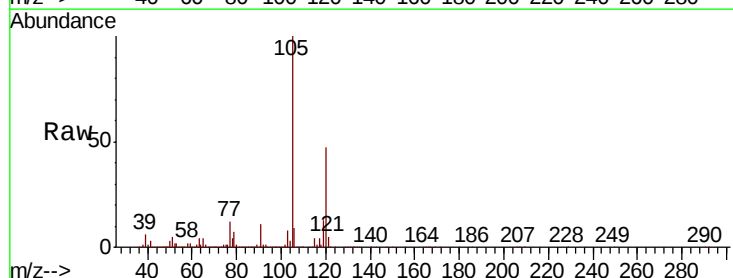
RT: 11.80 min Scan# 1747

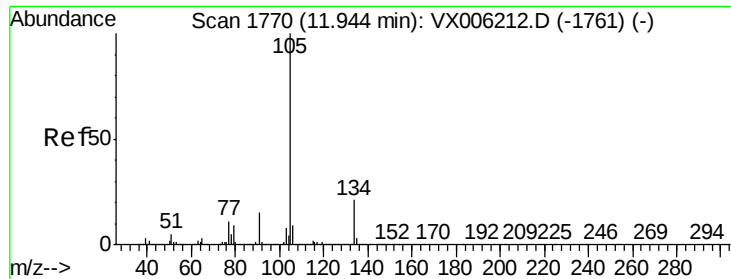
Delta R.T. 0.00 min

Lab File: VX006563.D

Acq: 17 Dec 2018 10:59

Tgt Ion:	105	Resp:	528365
Ion Ratio	Lower	Upper	
105	100		
120	46.7	23.4	70.0





#85

sec-Butylbenzene

Concen: 20.789 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. 0.00 min

Lab File: VX006563.D

Acq: 17 Dec 2018 10:59

Instrument :

MSVOA_X

ClientSampleId :

VX1217WBS01

Tot Ion:105 Resp: 639663

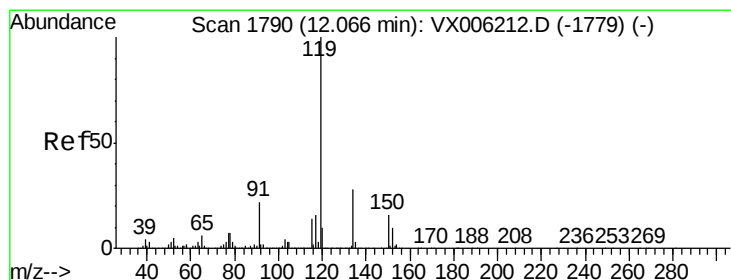
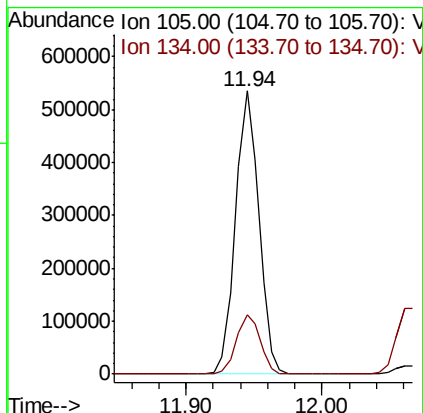
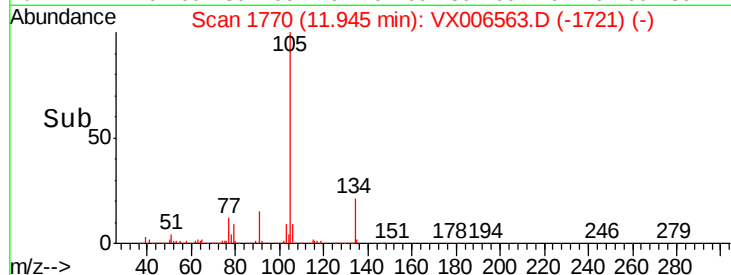
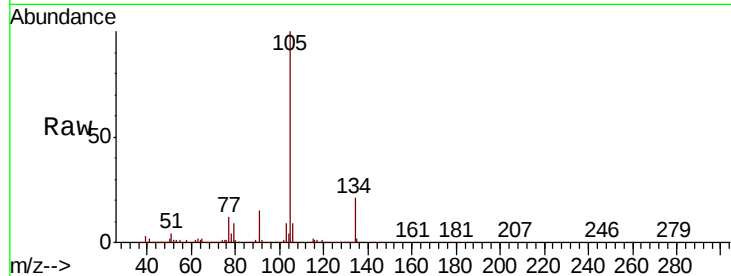
Ion Ratio Lower Upper

105 100

134 21.3 10.8 32.4

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#86

p-Isopropyltoluene

Concen: 20.489 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. -0.01 min

Lab File: VX006563.D

Acq: 17 Dec 2018 10:59

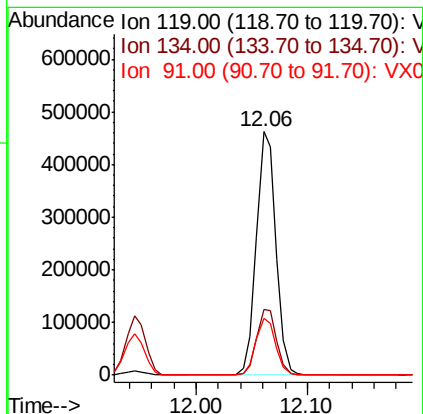
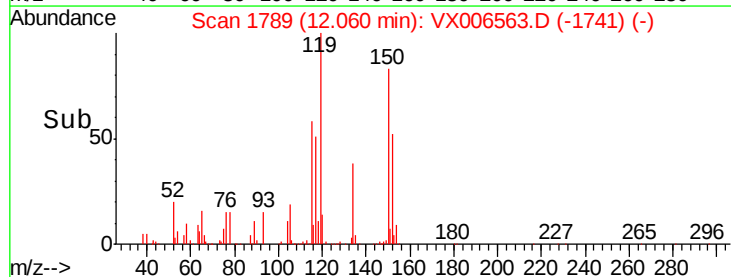
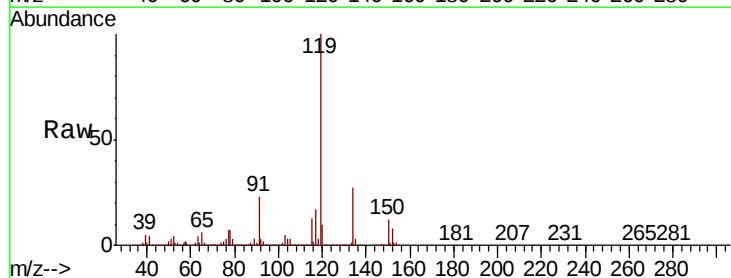
Tgt Ion:119 Resp: 567679

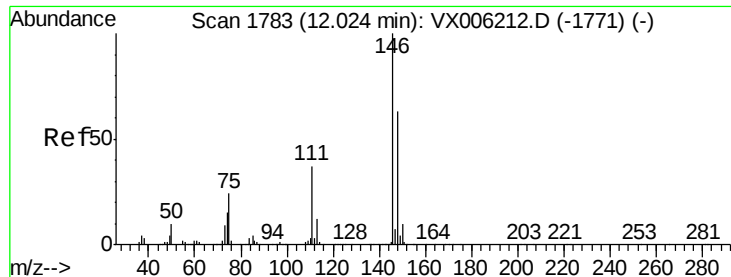
Ion Ratio Lower Upper

119 100

134 27.5 13.9 41.6

91 23.6 11.3 33.8





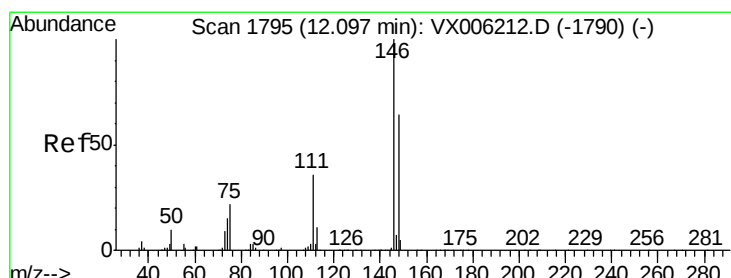
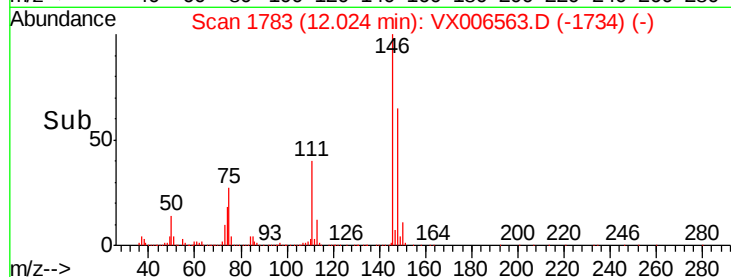
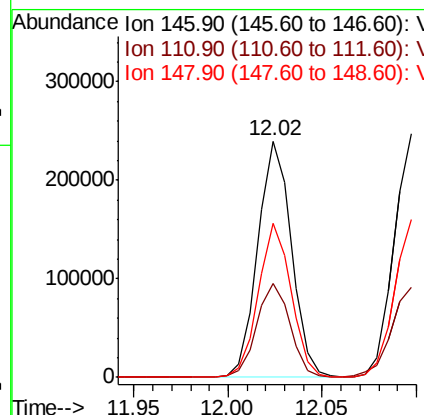
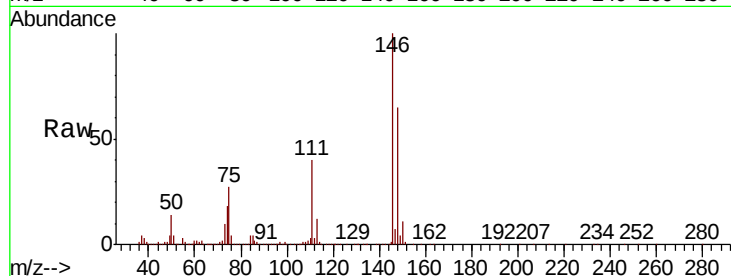
#87
 1,3-Dichlorobenzene
 Concen: 19.722 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. 0.00 min
 Lab File: VX006563.D
 Acq: 17 Dec 2018 10:59

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1217WBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.3	18.4	55.2
148	63.8	32.0	96.0

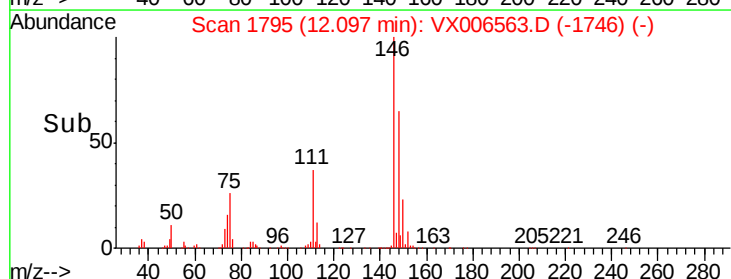
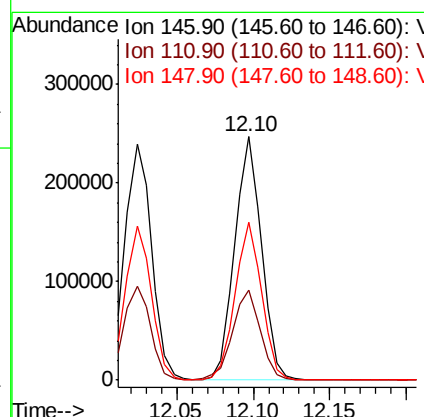
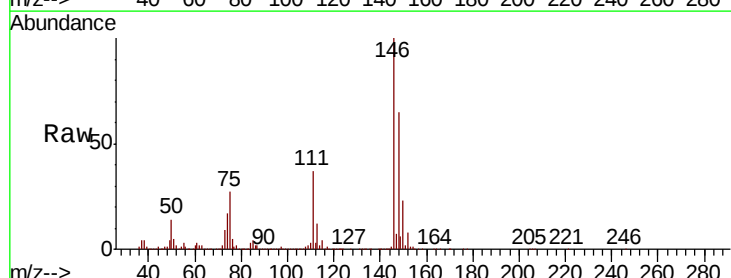
Manual Integrations
 APPROVED

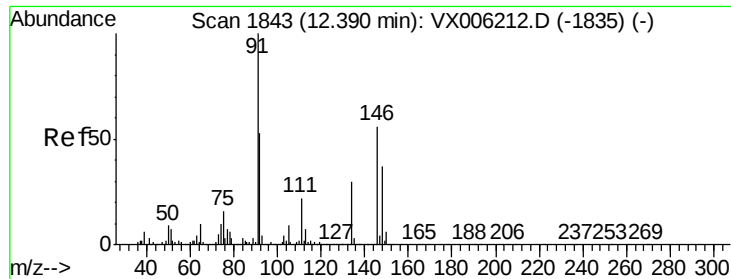
MMDadoda
 12/18/2018 9:44:43 AM



#88
 1,4-Dichlorobenzene
 Concen: 19.578 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. 0.00 min
 Lab File: VX006563.D
 Acq: 17 Dec 2018 10:59

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.7	18.3	54.8
148	64.9	31.9	95.9





#89

n-Butylbenzene

Concen: 20.549 ug/l

RT: 12.38 min Scan# 1842

Delta R.T. -0.01 min

Lab File: VX006563.D

Acq: 17 Dec 2018 10:59

Instrument :

MSVOA_X

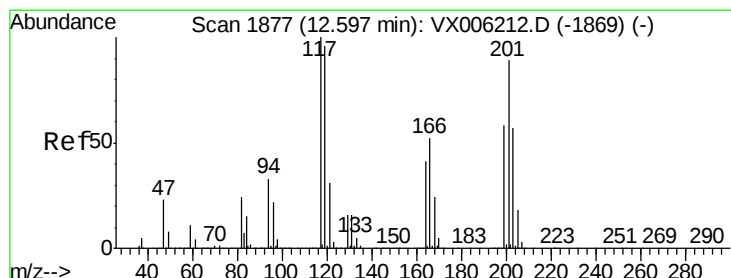
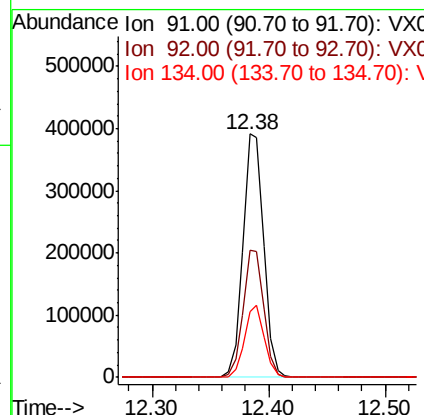
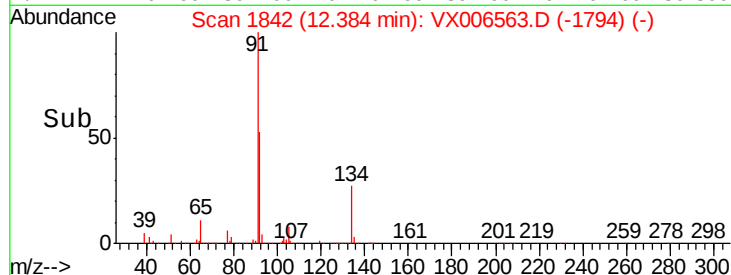
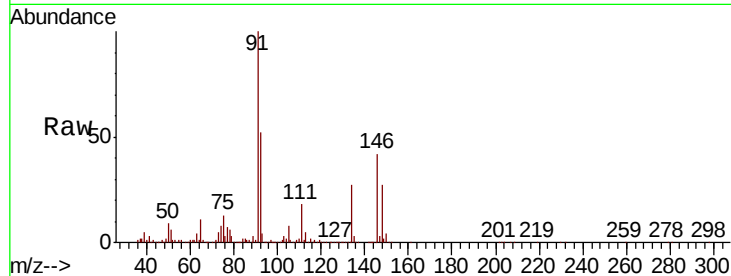
ClientSampleId :

VX1217WBS01

Tot Ion:	91	Resp:	485791
Ion Ratio	Lower	Upper	
91	100		
92	52.1	26.6	79.8
134	28.3	14.8	44.3

Manual Integrations
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12/18/2018 9:44:43 AM



#90

Hexachloroethane

Concen: 14.991 ug/l

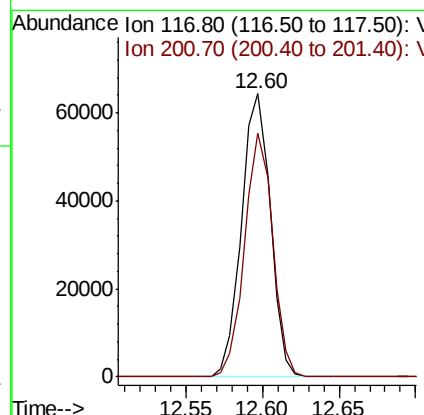
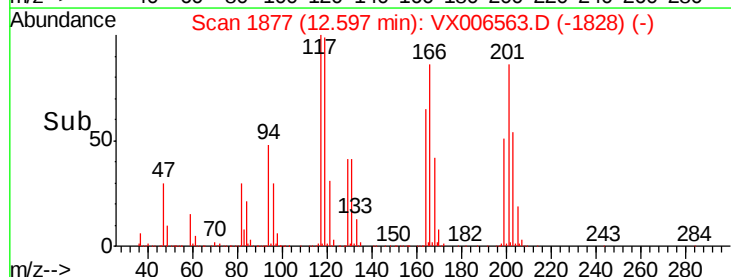
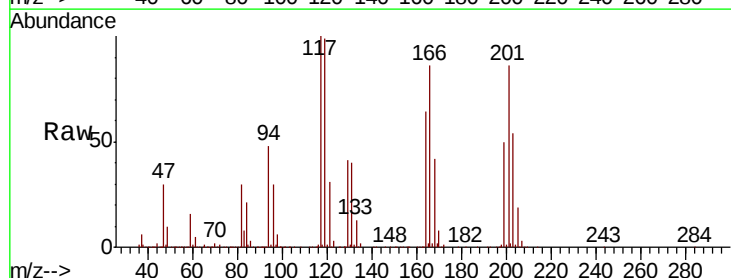
RT: 12.60 min Scan# 1877

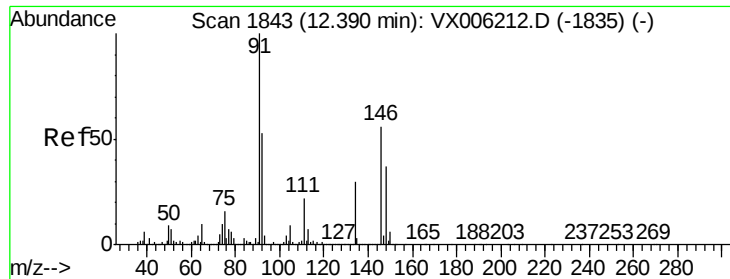
Delta R.T. 0.00 min

Lab File: VX006563.D

Acq: 17 Dec 2018 10:59

Tgt Ion:	117	Resp:	84654
Ion Ratio	Lower	Upper	
117	100		
201	83.5	44.7	134.1





#91

1,2-Dichlorobenzene

Concen: 19.877 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. 0.00 min

Lab File: VX006563.D

Acq: 17 Dec 2018 10:59

Instrument :

MSVOA_X

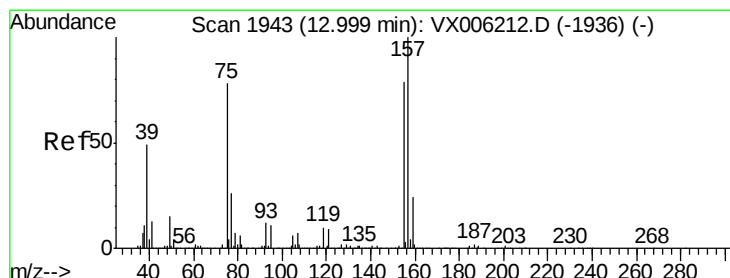
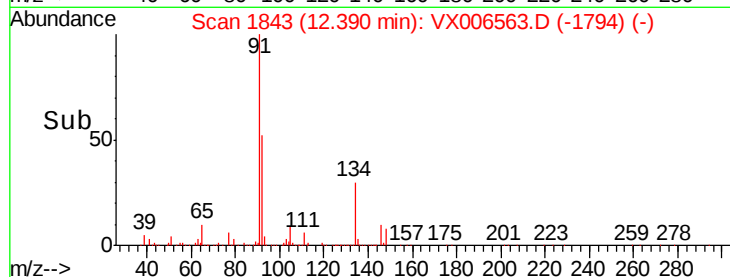
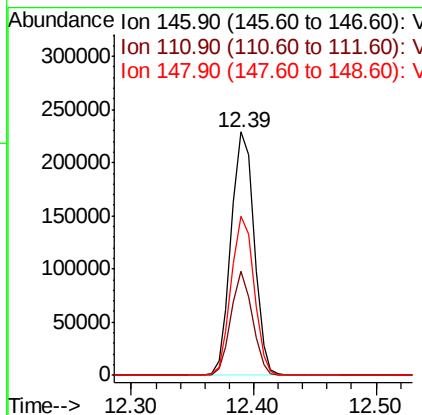
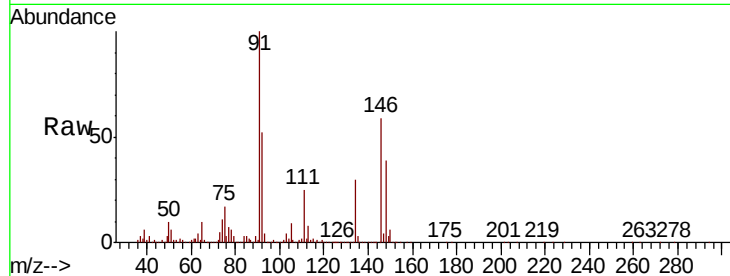
ClientSampleId :

VX1217WBS01

Tot Ion:	146	Resp:	296792
Ion Ratio	Lower	Upper	
146	100		
111	39.9	19.1	57.3
148	64.8	32.1	96.3

Manual Integrations
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#92

1,2-Dibromo-3-Chloropropane

Concen: 16.011 ug/l

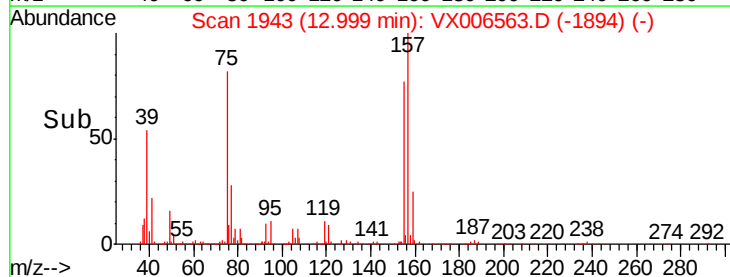
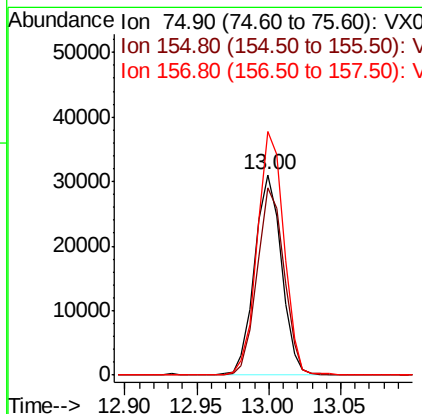
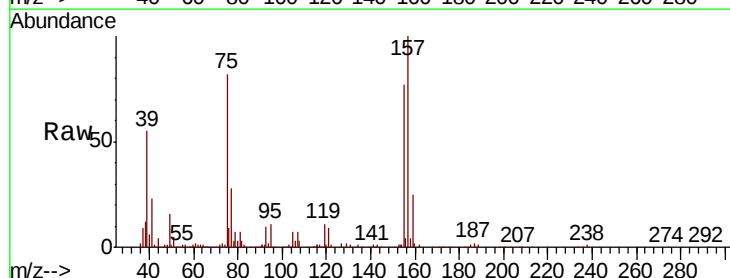
RT: 13.00 min Scan# 1943

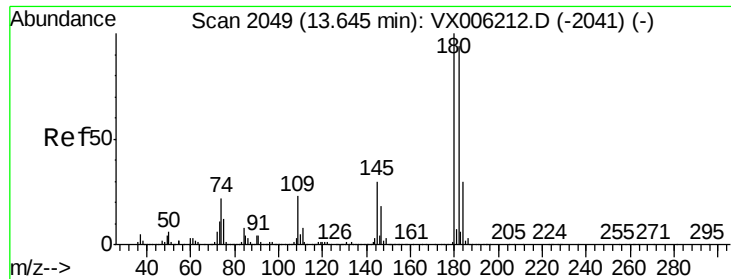
Delta R.T. 0.00 min

Lab File: VX006563.D

Acq: 17 Dec 2018 10:59

Tgt Ion:	75	Resp:	40003
Ion Ratio	Lower	Upper	
75	100		
155	93.6	53.4	160.3
157	120.4	68.0	203.8





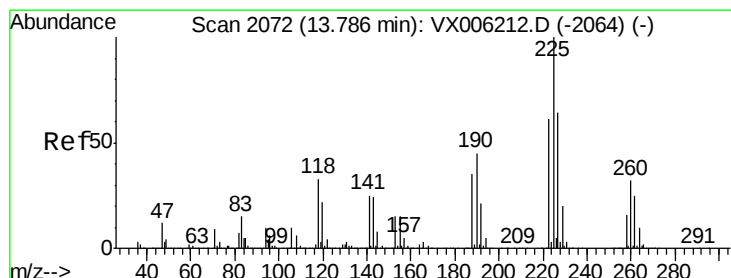
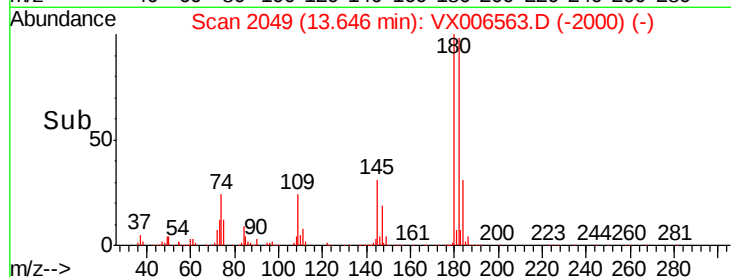
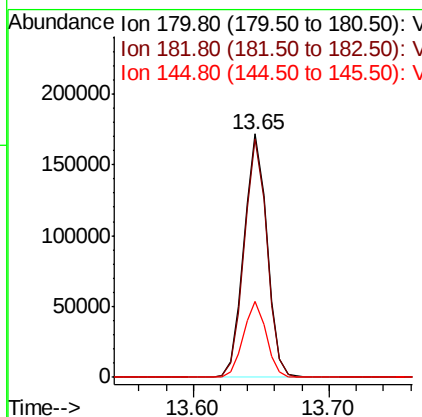
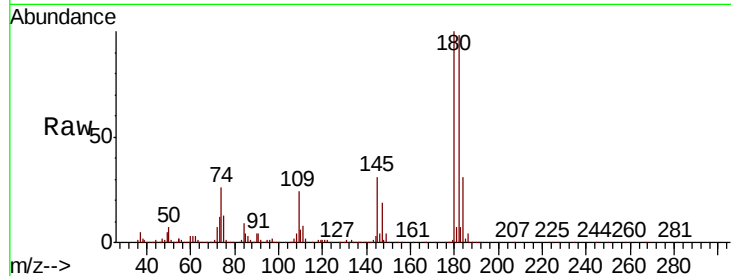
#93
 1,2,4-Trichlorobenzene
 Concen: 18.684 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. 0.00 min
 Lab File: VX006563.D
 Acq: 17 Dec 2018 10:59

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1217WBS01

Tot Ion	Ratio	Resp	Lower	Upper
180	100	203534		
182	96.7	47.3	141.9	
145	30.6	14.6	43.8	

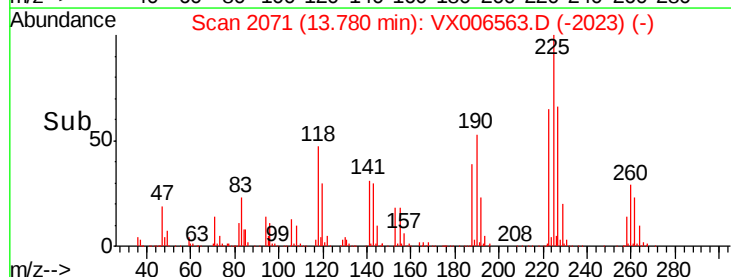
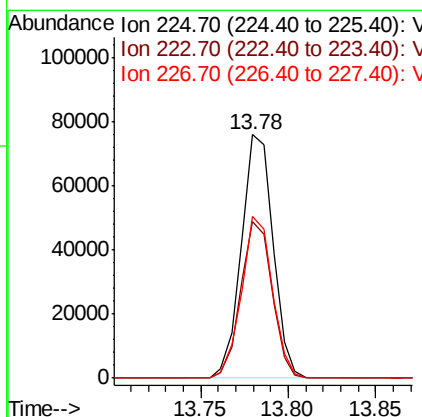
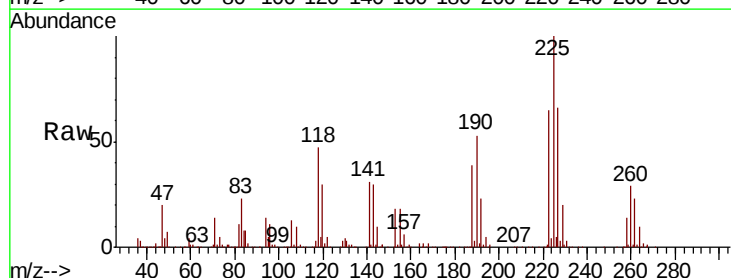
Manual Integrations
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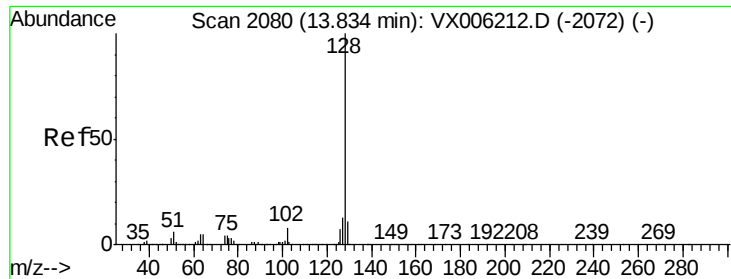
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#94
 Hexachlorobutadiene
 Concen: 19.954 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. -0.01 min
 Lab File: VX006563.D
 Acq: 17 Dec 2018 10:59

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	96127		
223	63.7	31.2	93.6	
227	64.9	31.9	95.5	





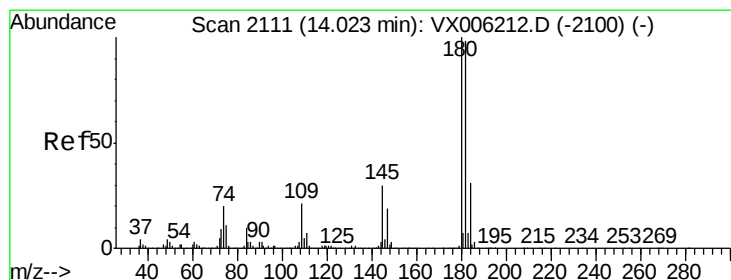
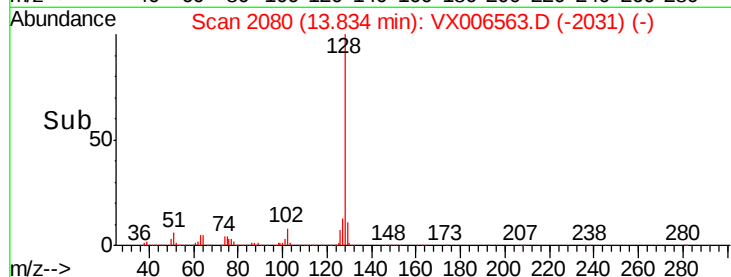
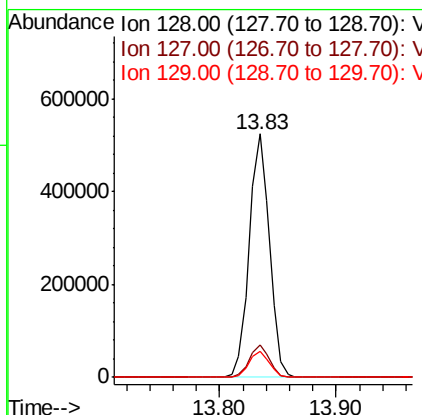
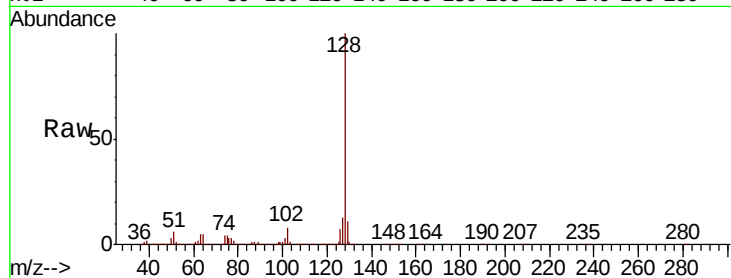
#95
Naphthalene
Concen: 18.822 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VX006563.D
Acq: 17 Dec 2018 10:59

Instrument :
MSVOA_X
ClientSampleId :
VX1217WBS01

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.2	10.2	15.4
129	10.9	8.9	13.3

Manual Integrations
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12/18/2018 9:44:43 AM



#96
1,2,3-Trichlorobenzene
Concen: 19.256 ug/l
RT: 14.02 min Scan# 2110
Delta R.T. -0.01 min
Lab File: VX006563.D
Acq: 17 Dec 2018 10:59

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.5	48.4	145.2
145	32.0	15.6	46.8

