

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX120718\
 Data File : VX006338.D
 Acq On : 07 Dec 2018 11:12
 Operator : JC/MD
 Sample : VX1207WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1207WBS01

Manual Integrations
 APPROVED

MMDadoda
 12/10/2018 9:57:25 AM

Quant Time: Dec 08 00:46:18 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112918W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 30 03:55:33 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	661197	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	1008618	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	893994	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	469234	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	337600	50.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.04%	
35) Dibromofluoromethane	5.50	113	326766	50.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.08%	
50) Toluene-d8	8.71	98	1159532	48.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.62%	
62) 4-Bromofluorobenzene	11.13	95	445874	49.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.62%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	133047	20.551	ug/l	98
3) Chloromethane	1.33	50	122740	18.449	ug/l	97
4) Vinyl Chloride	1.41	62	136221	19.025	ug/l	97
5) Bromomethane	1.64	94	107244	21.612	ug/l	98
6) Chloroethane	1.72	64	84419	19.229	ug/l	98
7) Trichlorofluoromethane	1.93	101	210772	19.176	ug/l	99
8) Diethyl Ether	2.19	74	79454	19.101	ug/l	93
9) 1,1,2-Trichlorotrifluoroet	2.39	101	120708	19.314	ug/l	97
10) Methyl Iodide	2.51	142	152950	16.239	ug/l	99
11) Tert butyl alcohol	3.07	59	167298	90.632	ug/l	99
12) 1,1-Dichloroethene	2.38	96	112056	18.729	ug/l	92
13) Acrolein	2.29	56	96087	95.239	ug/l	99
14) Allyl chloride	2.73	41	207070	17.521	ug/l	98
15) Acrylonitrile	3.15	53	357401	92.784	ug/l	100
16) Acetone	2.45	43	286628	90.487	ug/l	96
17) Carbon Disulfide	2.57	76	305882	16.592	ug/l	100
18) Methyl Acetate	2.78	43	203229	19.185	ug/l	98
19) Methyl tert-butyl Ether	3.20	73	401227	18.799	ug/l	98
20) Methylene Chloride	2.86	84	127295	18.882	ug/l	93
21) trans-1,2-Dichloroethene	3.17	96	118940	18.655	ug/l	95
22) Diisopropyl ether	3.87	45	365210	19.784	ug/l	93
23) Vinyl Acetate	3.82	43	1509557	95.875	ug/l	99
24) 1,1-Dichloroethane	3.70	63	212848	20.172	ug/l	99
25) 2-Butanone	4.70	43	432366	95.662	ug/l	96
26) 2,2-Dichloropropane	4.59	77	191857	19.702	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	143524	20.181	ug/l	98
28) Bromochloromethane	5.02	49	89600	19.441	ug/l	100
29) Tetrahydrofuran	5.15	42	291718	92.868	ug/l	97
30) Chloroform	5.21	83	223931	20.195	ug/l	95
31) Cyclohexane	5.57	56	183292	18.797	ug/l	97
32) 1,1,1-Trichloroethane	5.49	97	208171	19.732	ug/l	99
36) 1,1-Dichloropropene	5.80	75	158718	18.687	ug/l	99
37) Ethyl Acetate	4.85	43	171585	18.039	ug/l	98
38) Carbon Tetrachloride	5.78	117	185370	18.552	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	204990	18.593	ug/l	98
40) Benzene	6.15	78	489105	19.227	ug/l	99
41) Methacrylonitrile	5.06	41	94565	18.068	ug/l	98
42) 1,2-Dichloroethane	6.20	62	163096	19.589	ug/l	100
43) Isopropyl Acetate	6.46	43	280322	17.676	ug/l	99
44) Trichloroethene	7.21	130	145059	18.823	ug/l	92
45) 1,2-Dichloropropane	7.52	63	122957	19.018	ug/l	94
46) Dibromomethane	7.66	93	89085	19.078	ug/l	98
47) Bromodichloromethane	7.90	83	170428	18.847	ug/l	98
48) Methyl methacrylate	7.77	41	136534	17.697	ug/l	97
49) 1,4-Dioxane	7.75	88	74813	393.441	ug/l	97
51) 4-Methyl-2-Pentanone	8.65	43	865668	93.767	ug/l	98
52) Toluene	8.79	92	316551	18.914	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	185588	17.549	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	202360	18.428	ug/l	97
55) 1,1,2-Trichloroethane	9.21	97	134815	19.828	ug/l	98
56) Ethyl methacrylate	9.18	69	198306	18.656	ug/l	98
57) 1,3-Dichloropropane	9.37	76	211723	19.692	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	497530	92.240	ug/l	99
59) 2-Hexanone	9.49	43	663267	94.036	ug/l	98
60) Dibromochloromethane	9.59	129	148134	17.668	ug/l	100
61) 1,2-Dibromoethane	9.67	107	142669	18.766	ug/l	99
64) Tetrachloroethene	9.34	164	133232	19.789	ug/l	98
65) Chlorobenzene	10.14	112	372989	19.654	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	142198	19.285	ug/l	98
67) Ethyl Benzene	10.25	91	612601	19.409	ug/l	99
68) m/p-Xylenes	10.36	106	494879	39.141	ug/l	100
69) o-Xylene	10.70	106	247650	19.830	ug/l	100
70) Styrene	10.71	104	391782	19.396	ug/l	98
71) Bromoform	10.86	173	116850	16.788	ug/l #	100
73) Isopropylbenzene	11.02	105	641645	19.801	ug/l	100
74) N-amyl acetate	10.90	43	253544	18.170	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.27	83	204214	19.699	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	196114m	21.653	ug/l	
77) Bromobenzene	11.26	156	176677	19.646	ug/l	99
78) n-propylbenzene	11.36	91	709996	19.711	ug/l	100
79) 2-Chlorotoluene	11.42	91	427831	19.983	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	532406	19.747	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.07	75	65426	16.952	ug/l	93
82) 4-Chlorotoluene	11.51	91	486873	19.559	ug/l	100
83) tert-Butylbenzene	11.77	119	569604	19.801	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	553321	19.875	ug/l	99
85) sec-Butylbenzene	11.94	105	652147	19.927	ug/l	99
86) p-Isopropyltoluene	12.07	119	582294	19.759	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	314509	19.655	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	312757	19.257	ug/l	98
89) n-Butylbenzene	12.39	91	478146	19.016	ug/l	99
90) Hexachloroethane	12.60	117	104736	17.438	ug/l	96
91) 1,2-Dichlorobenzene	12.39	146	312745	19.693	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	13.00	75	45775	17.225	ug/l	96

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ClientSampleId :
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	220966	19.072	ug/l	98
94) Hexachlorobutadiene	13.78	225	99757	19.469	ug/l	97
95) Naphthalene	13.83	128	702893	19.503	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	217249	18.931	ug/l	99

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

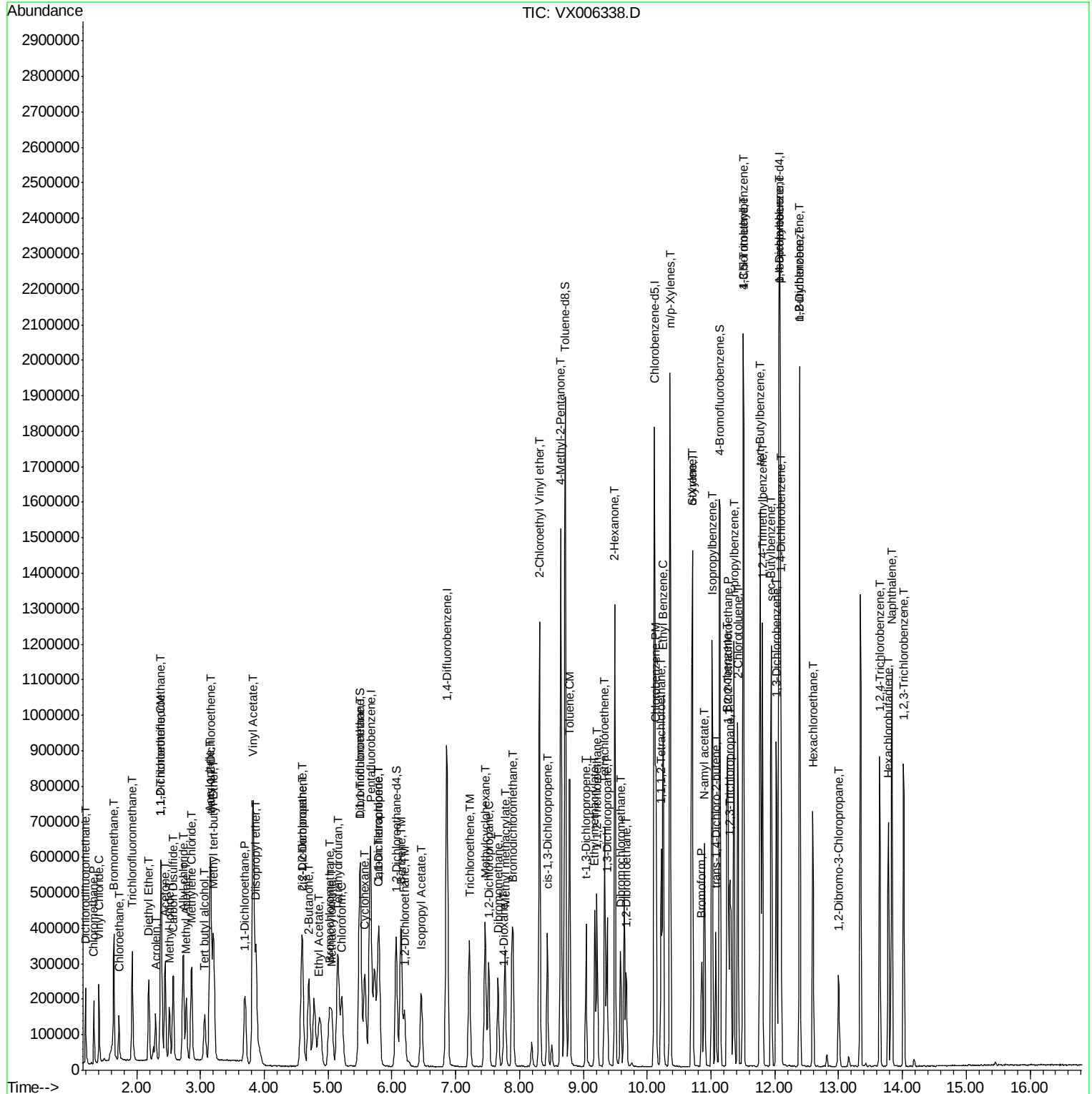
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Data File : VX006338.D
Acq On : 07 Dec 2018 11:12
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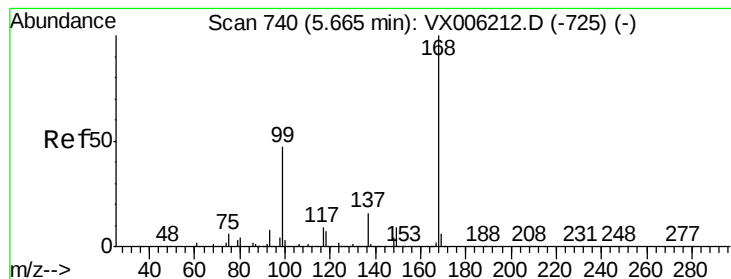
Instrument :
MSVOA_X
Client Sampled :
VX1207WBS01

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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: 5.67 min Scan# 740

Delta R.T. 0.00 min

Lab File: VX006338.D

Acq: 07 Dec 2018 11:12

Instrument :

MSVOA_X

ClientSampleId :

VX1207WBS01

Tot Ion:168 Resp: 661197

Ion Ratio Lower Upper

168 100

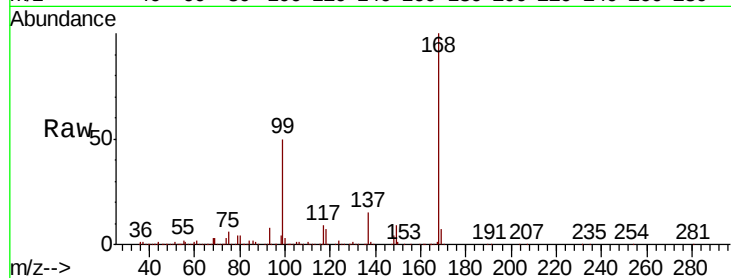
99 49.9 37.8 56.8

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

250000

200000

150000

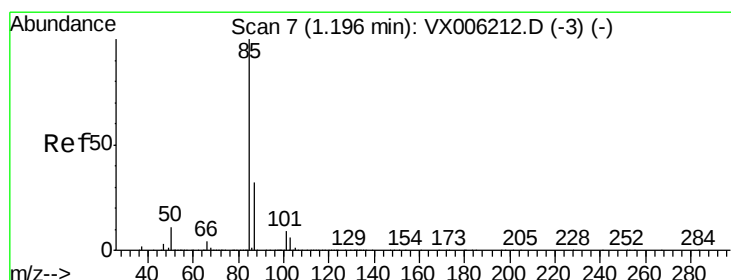
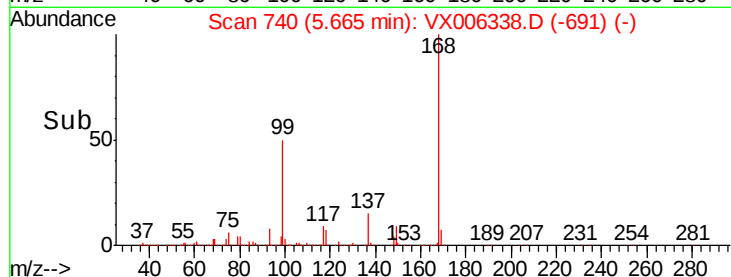
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50000

0

5.50 5.60 5.70 5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 20.551 ug/l

RT: 1.20 min Scan# 7

Delta R.T. 0.00 min

Lab File: VX006338.D

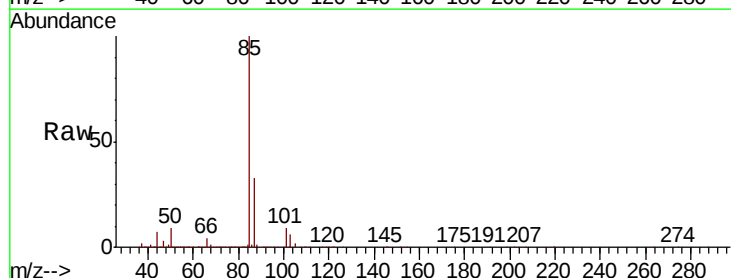
Acq: 07 Dec 2018 11:12

Tgt Ion: 85 Resp: 133047

Ion Ratio Lower Upper

85 100

87 33.0 16.1 48.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

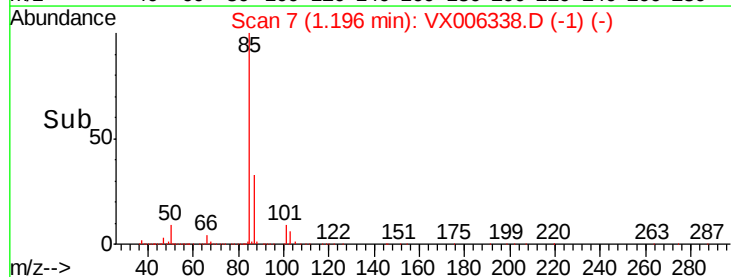
100000

50000

0

1.15 1.20 1.25 1.30 1.35

Time-->





#3

Chloromethane

Concen: 18.449 ug/l

RT: 1.33 min Scan# 29

Delta R.T. 0.00 min

Lab File: VX006338.D

Acq: 07 Dec 2018 11:12

Instrument :

MSVOA_X

ClientSampleId :

VX1207WBS01

Tot Ion: 50 Resp: 122740

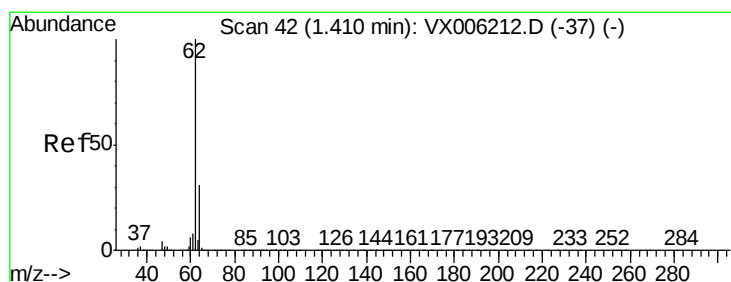
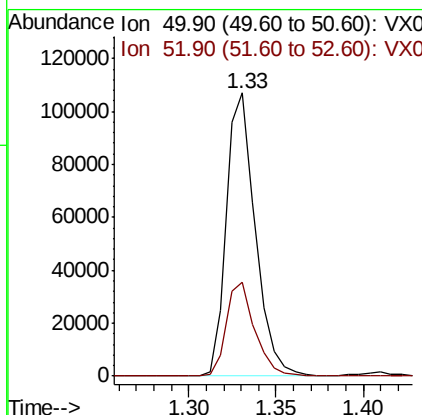
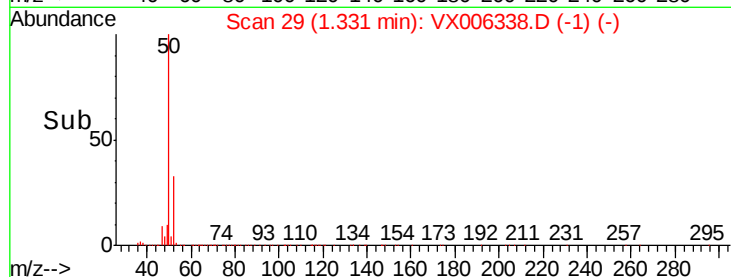
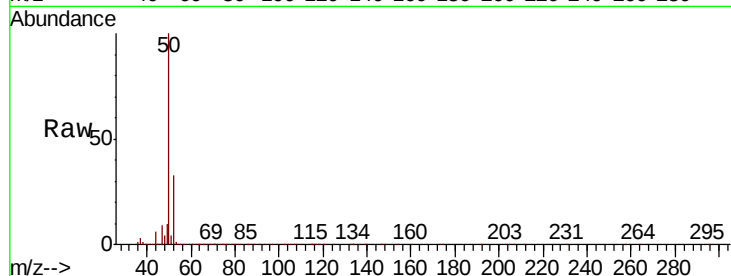
Ion Ratio Lower Upper

50 100

52 33.3 25.2 37.8

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#4

Vinyl Chloride

Concen: 19.025 ug/l

RT: 1.41 min Scan# 42

Delta R.T. 0.00 min

Lab File: VX006338.D

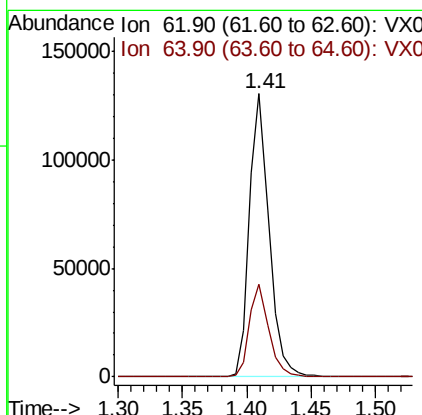
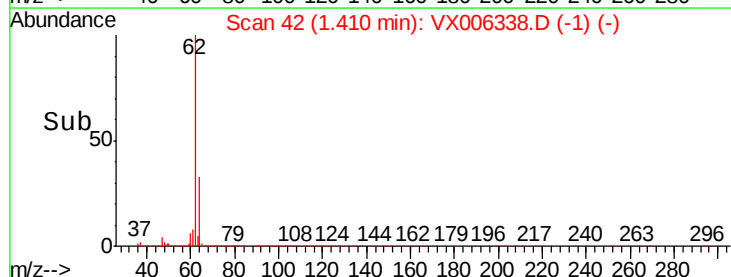
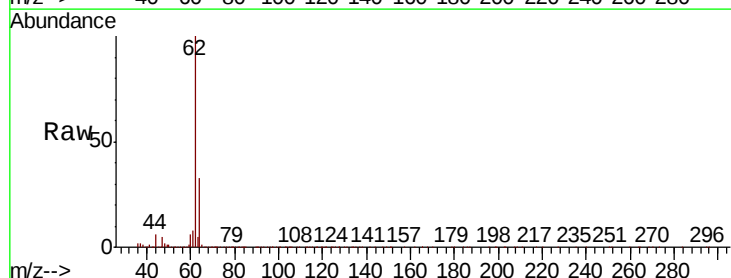
Acq: 07 Dec 2018 11:12

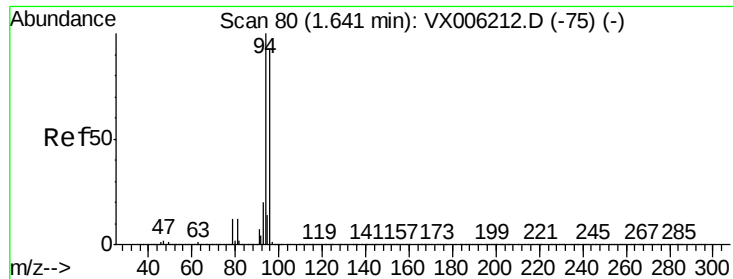
Tgt Ion: 62 Resp: 136221

Ion Ratio Lower Upper

62 100

64 32.7 24.9 37.3





#5

Bromomethane

Concen: 21.612 ug/l

RT: 1.64 min Scan# 80

Delta R.T. 0.00 min

Lab File: VX006338.D

Acq: 07 Dec 2018 11:12

Instrument :

MSVOA_X

ClientSampleId :

VX1207WBS01

Tot Ion: 94 Resp: 107244

Ion Ratio Lower Upper

94 100

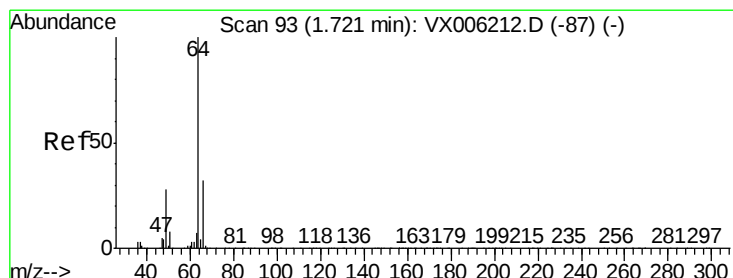
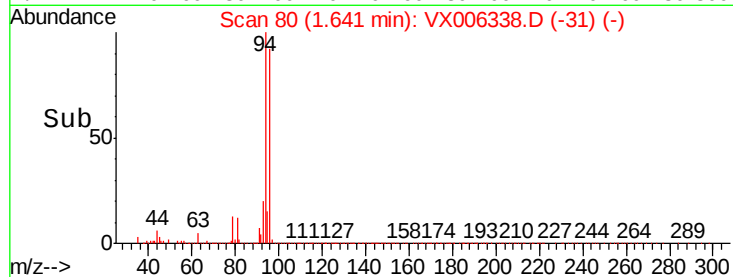
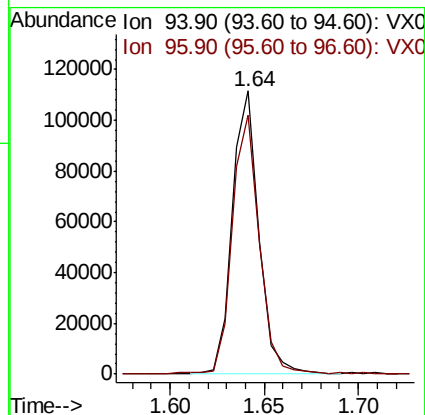
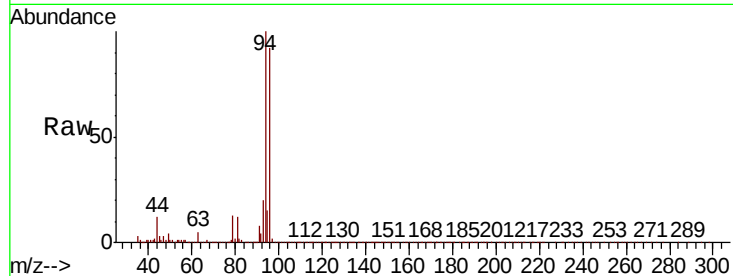
96 91.4 74.5 111.7

Manual Integrations

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#6

Chloroethane

Concen: 19.229 ug/l

RT: 1.72 min Scan# 93

Delta R.T. 0.00 min

Lab File: VX006338.D

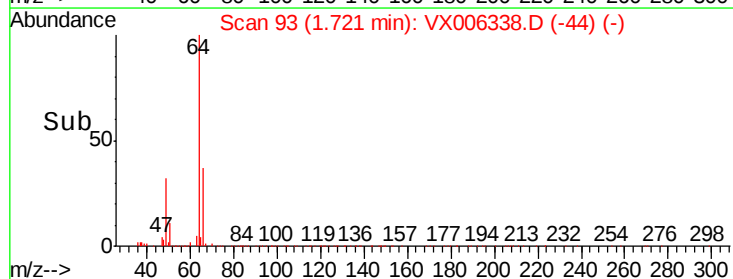
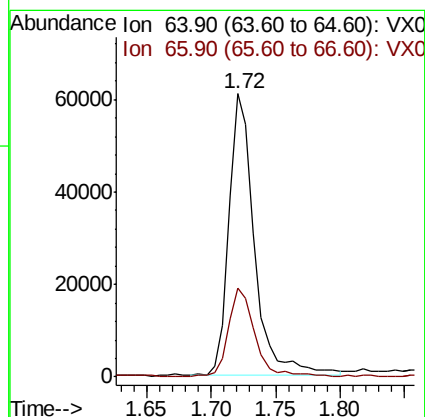
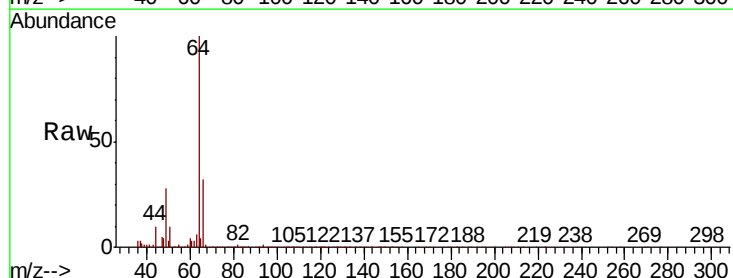
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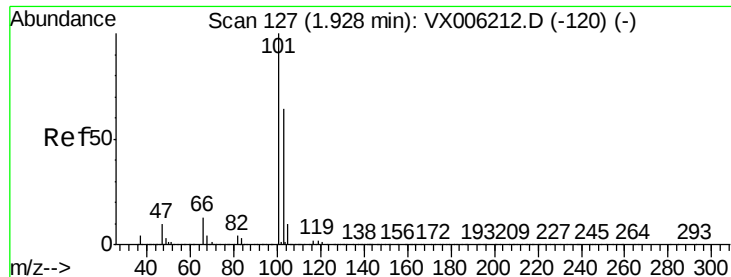
Tgt Ion: 64 Resp: 84419

Ion Ratio Lower Upper

64 100

66 31.5 25.9 38.9





#7

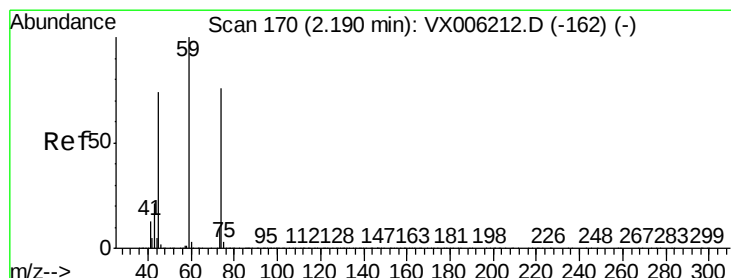
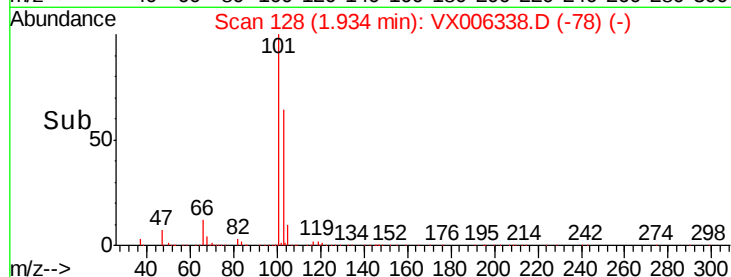
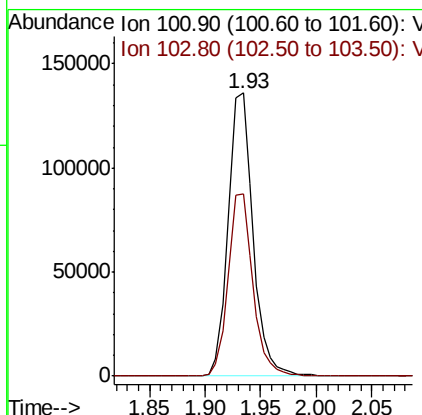
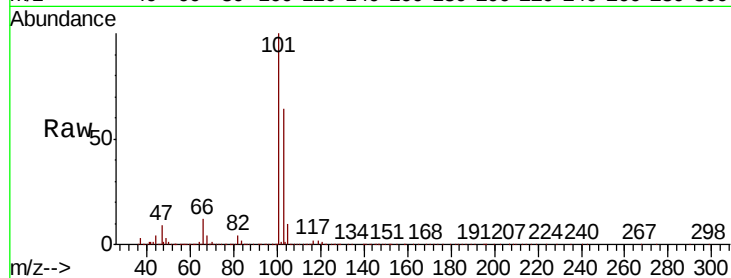
Trichlorofluoromethane
Concen: 19.176 ug/l
RT: 1.93 min Scan# 128
Delta R.T. 0.01 min
Lab File: VX006338.D
Acq: 07 Dec 2018 11:12

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ClientSampleId :
VX1207WBS01

Tot Ion	Ratio	Lower	Upper
101	100		
103	64.3	51.0	76.4

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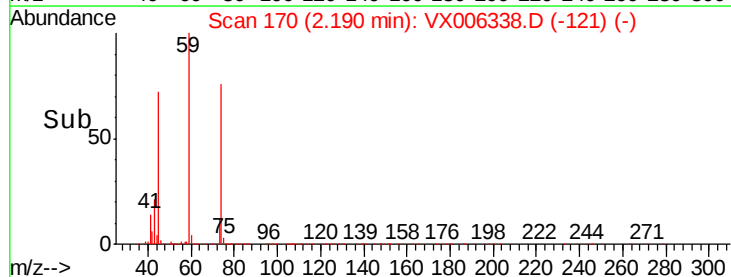
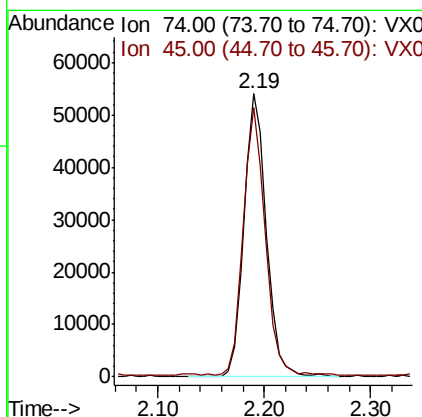
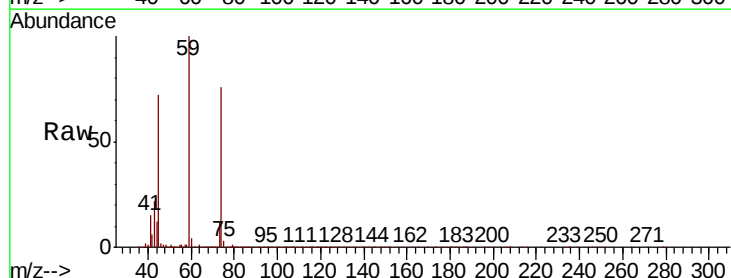
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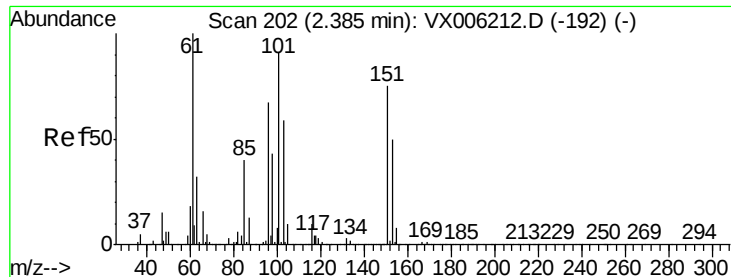


#8

Diethyl Ether
Concen: 19.101 ug/l
RT: 2.19 min Scan# 170
Delta R.T. 0.00 min
Lab File: VX006338.D
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Tgt Ion	Ratio	Lower	Upper
74	100		
45	92.4	49.5	148.7





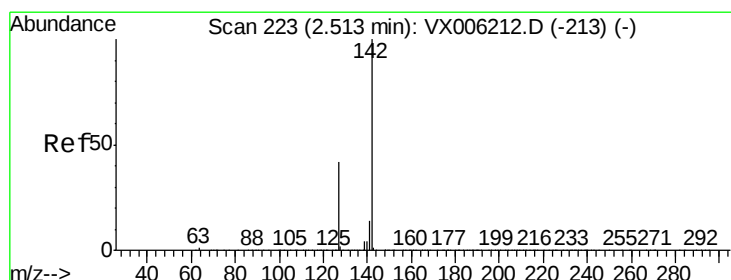
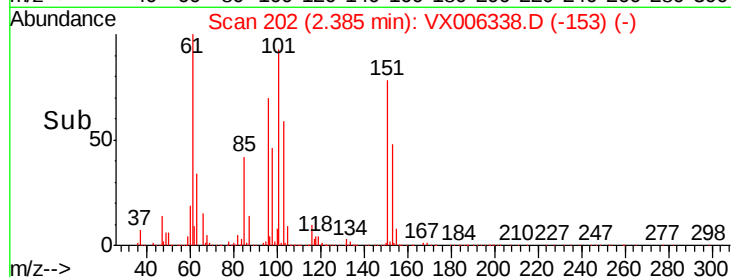
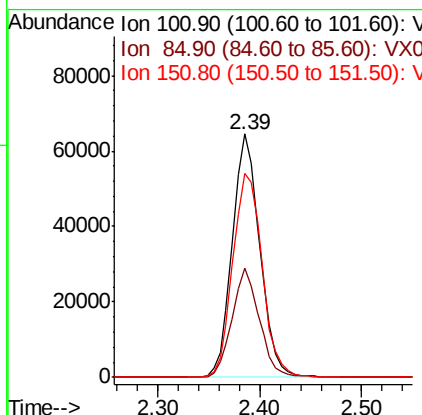
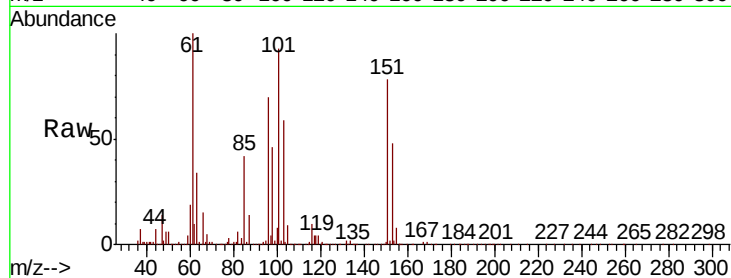
#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.314 ug/l
RT: 2.39 min Scan# 202
Delta R.T. 0.00 min
Lab File: VX006338.D
Acq: 07 Dec 2018 11:12

Instrument :
MSVOA_X
ClientSampleId :
VX1207WBS01

Tot Ion	Ratio	Resp	Lower	Upper
101	100	120708		
85	43.6	35.5	53.3	
151	89.1	68.6	103.0	

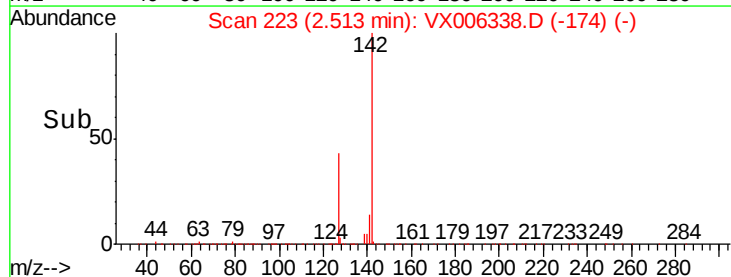
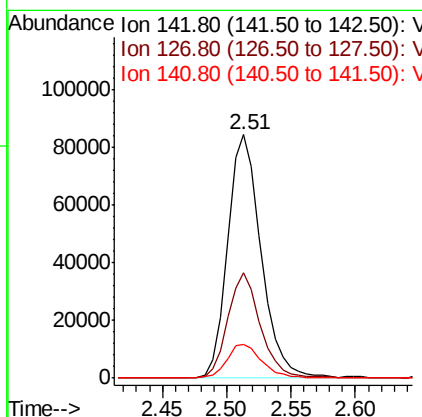
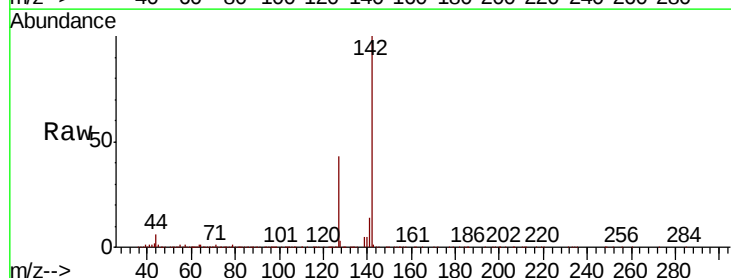
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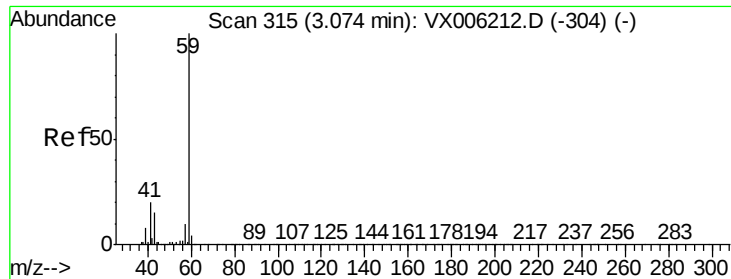
MMDadoda
12/10/2018 9:57:25 AM



#10
Methyl Iodide
Concen: 16.239 ug/l
RT: 2.51 min Scan# 223
Delta R.T. 0.00 min
Lab File: VX006338.D
Acq: 07 Dec 2018 11:12

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	152950		
127	42.8	34.8	52.2	
141	14.6	11.4	17.2	





#11

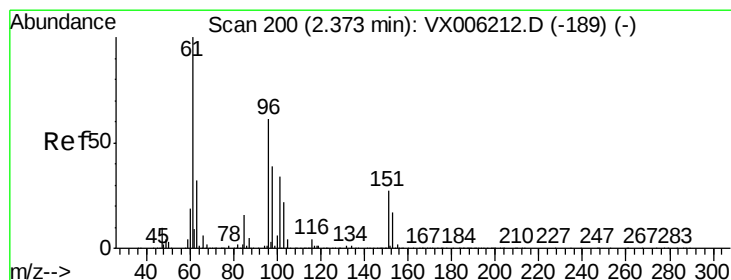
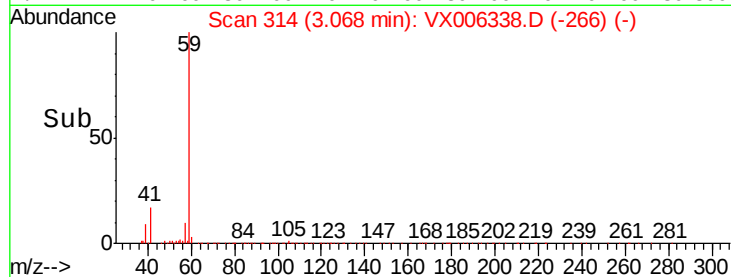
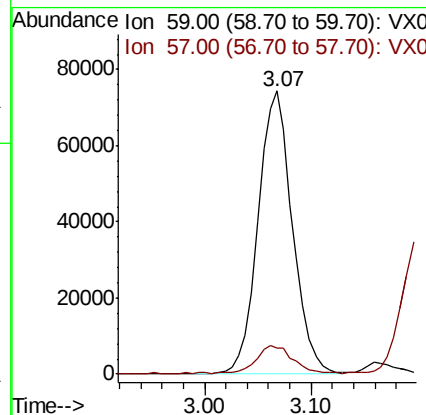
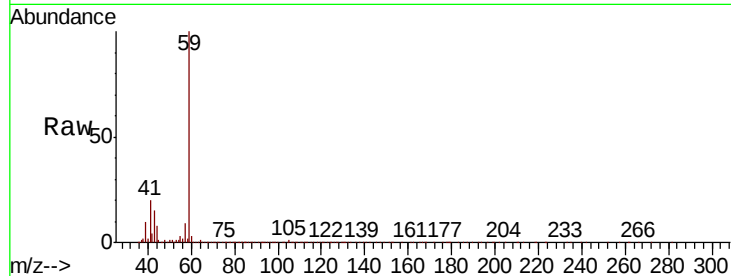
Tert butyl alcohol
Concen: 90.632 ug/l
RT: 3.07 min Scan# 314
Delta R.T. -0.01 min
Lab File: VX006338.D
Acq: 07 Dec 2018 11:12

Instrument :
MSVOA_X
ClientSampleId :
VX1207WBS01

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.0	8.2	12.2

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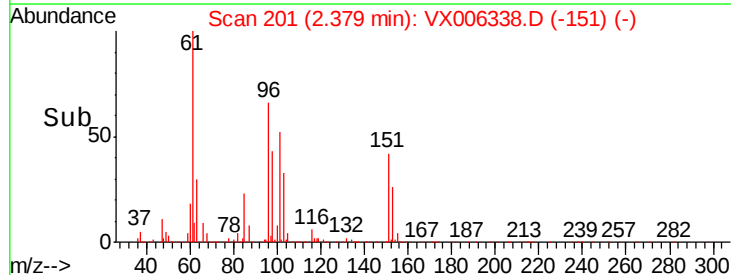
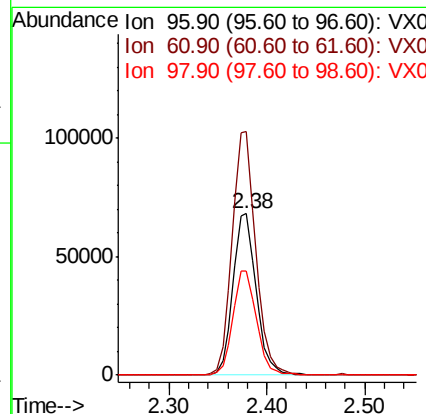
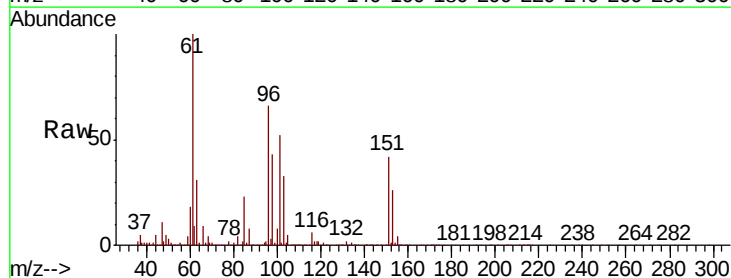
MMDadoda
12/10/2018 9:57:25 AM

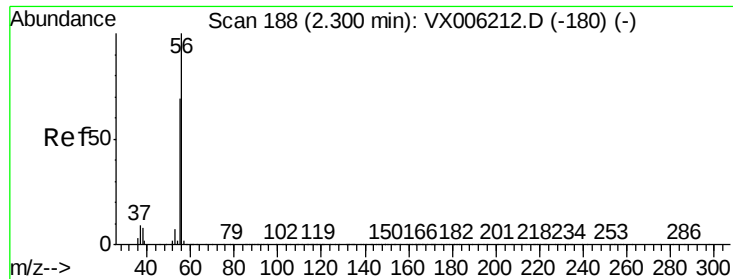


#12

1,1-Dichloroethene
Concen: 18.729 ug/l
RT: 2.38 min Scan# 201
Delta R.T. 0.01 min
Lab File: VX006338.D
Acq: 07 Dec 2018 11:12

Tgt Ion	Ratio	Lower	Upper
96	100		
61	150.8	131.7	197.5
98	64.0	51.8	77.6





#13

Acrolein

Concen: 95.239 ug/l

RT: 2.29 min Scan# 187

Delta R.T. -0.01 min

Lab File: VX006338.D

Acq: 07 Dec 2018 11:12

Instrument :

MSVOA_X

ClientSampleId :

VX1207WBS01

Tot Ion: 56 Resp: 96087

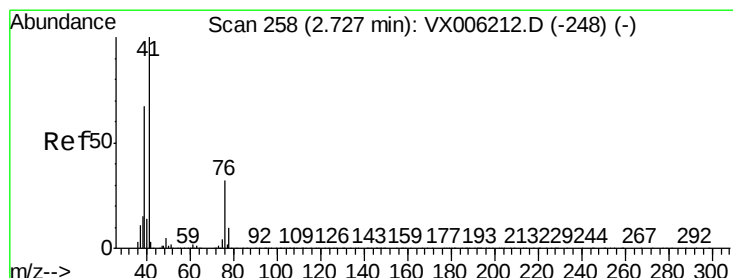
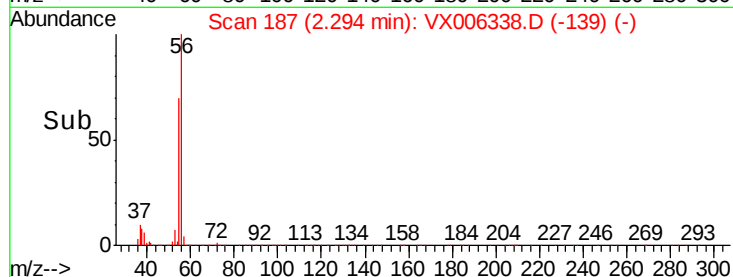
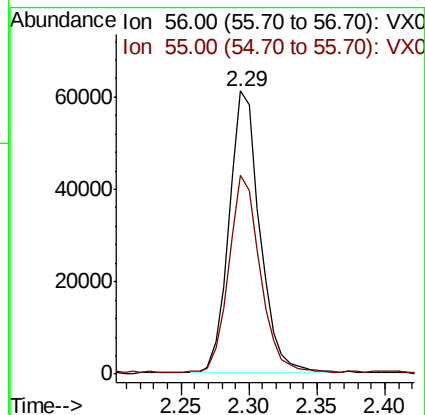
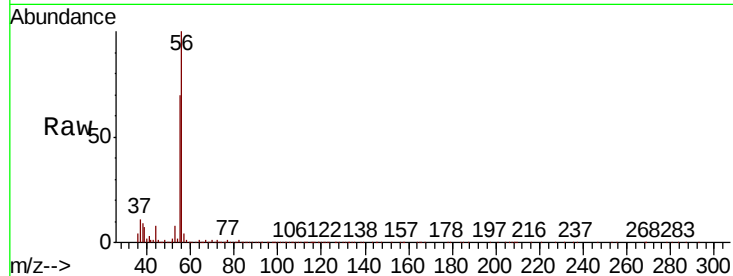
Ion Ratio Lower Upper

56 100

55 71.3 57.8 86.6

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#14

Allyl chloride

Concen: 17.521 ug/l

RT: 2.73 min Scan# 258

Delta R.T. 0.00 min

Lab File: VX006338.D

Acq: 07 Dec 2018 11:12

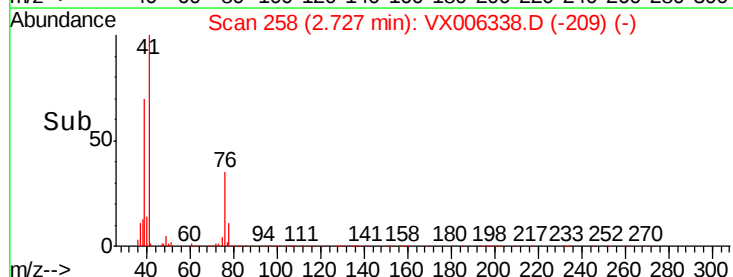
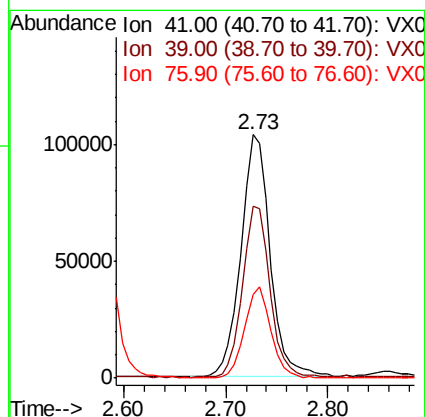
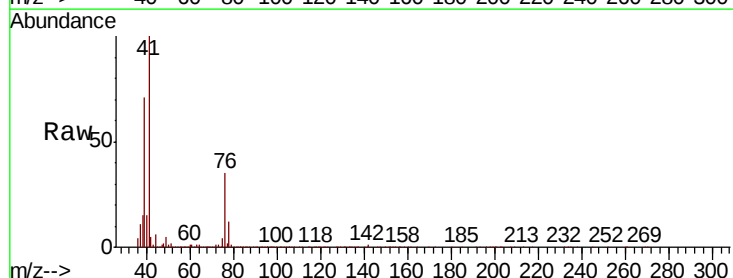
Tgt Ion: 41 Resp: 207070

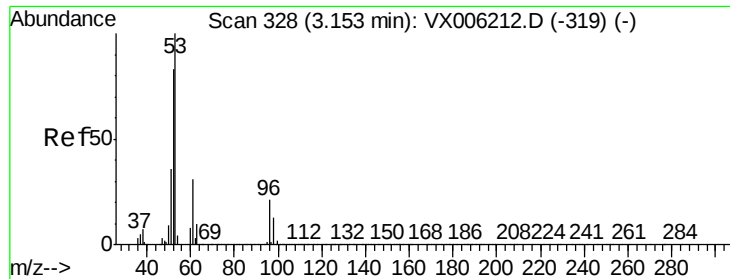
Ion Ratio Lower Upper

41 100

39 66.4 52.4 78.6

76 33.9 25.4 38.0





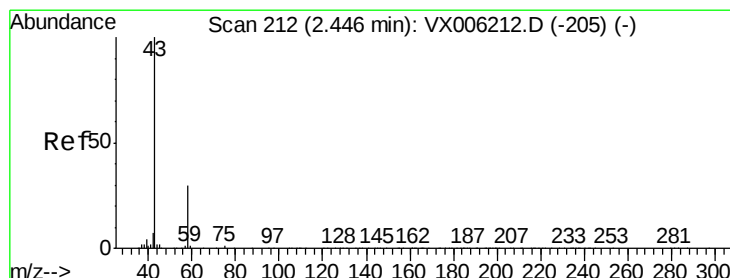
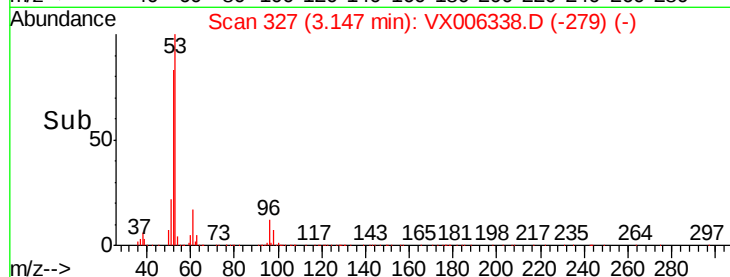
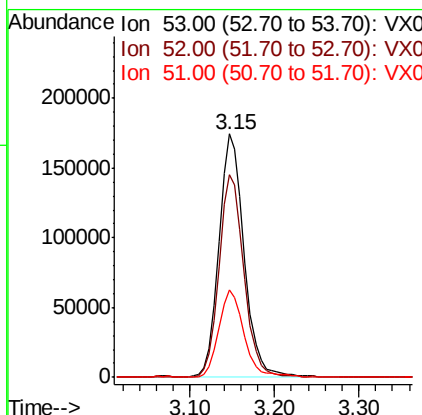
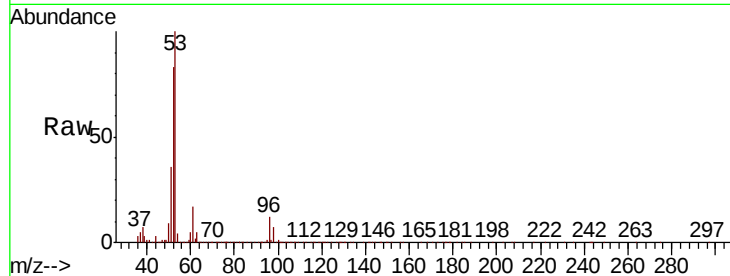
#15
 Acrylonitrile
 Concen: 92.784 ug/l
 RT: 3.15 min Scan# 327
 Delta R.T. -0.01 min
 Lab File: VX006338.D
 Acq: 07 Dec 2018 11:12

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1207WBS01

Tot Ion:	53	Resp:	357401
Ion Ratio	Lower	Upper	
53	100		
52	82.3	66.2	99.4
51	35.9	28.7	43.1

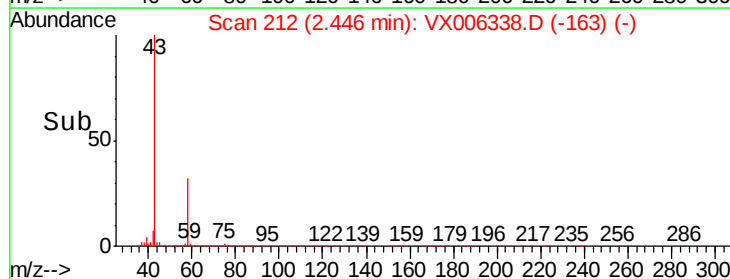
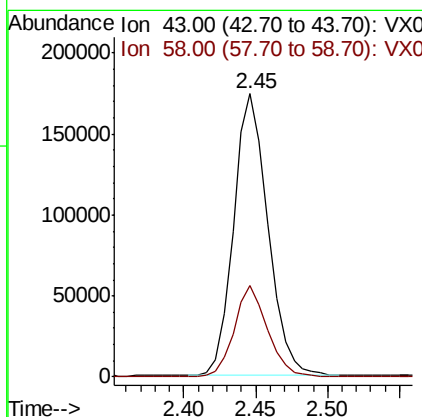
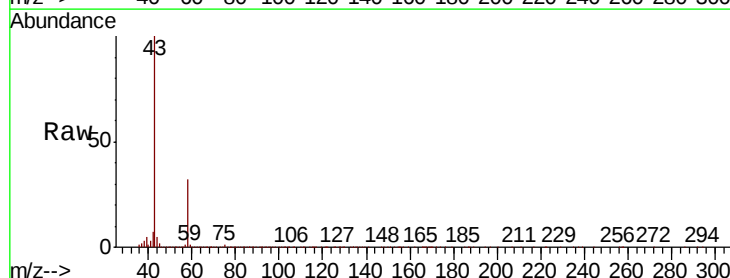
Manual Integrations
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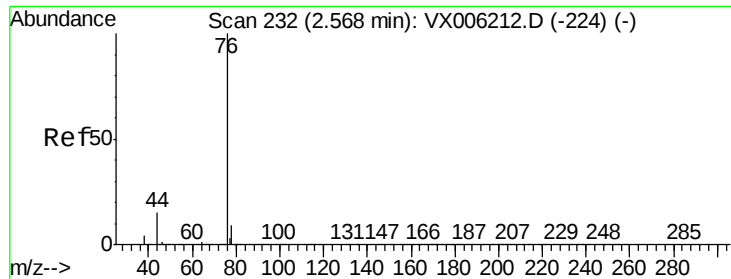
MMDadoda
 12/10/2018 9:57:25 AM



#16
 Acetone
 Concen: 90.487 ug/l
 RT: 2.45 min Scan# 212
 Delta R.T. 0.00 min
 Lab File: VX006338.D
 Acq: 07 Dec 2018 11:12

Tgt Ion:	43	Resp:	286628
Ion Ratio	Lower	Upper	
43	100		
58	32.3	24.0	36.0





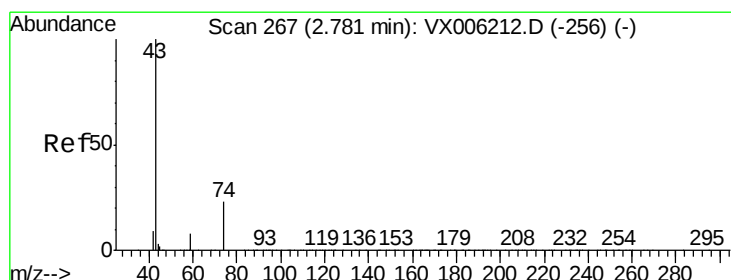
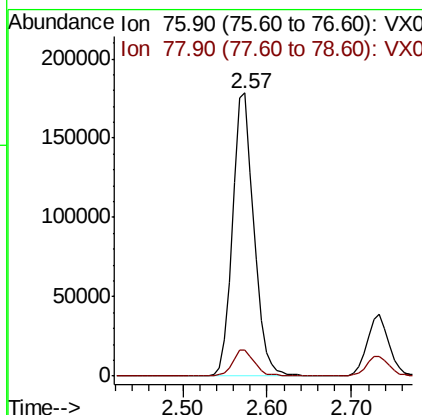
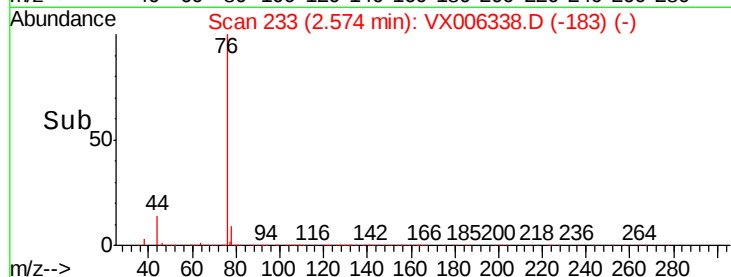
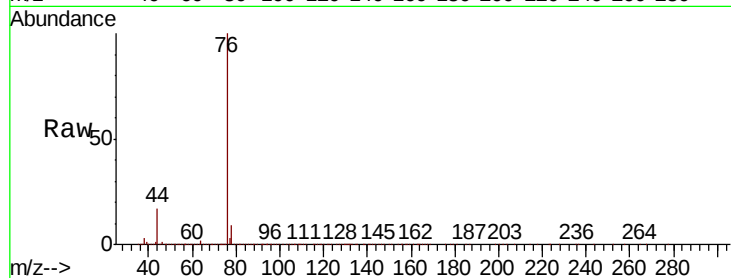
#17
Carbon Disulfide
Concen: 16.592 ug/l
RT: 2.57 min Scan# 233
Delta R.T. 0.01 min
Lab File: VX006338.D
Acq: 07 Dec 2018 11:12

Instrument :
MSVOA_X
ClientSampleId :
VX1207WBS01

Tot Ion	Ratio	Lower	Upper
76	100		
78	8.9	7.1	10.7

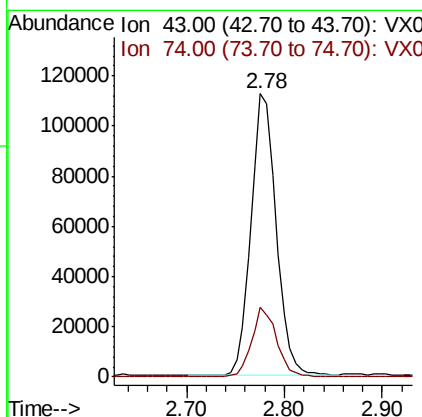
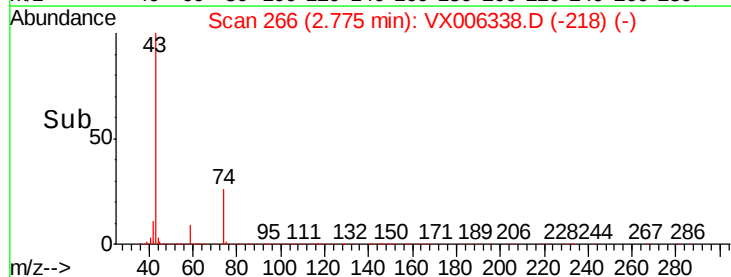
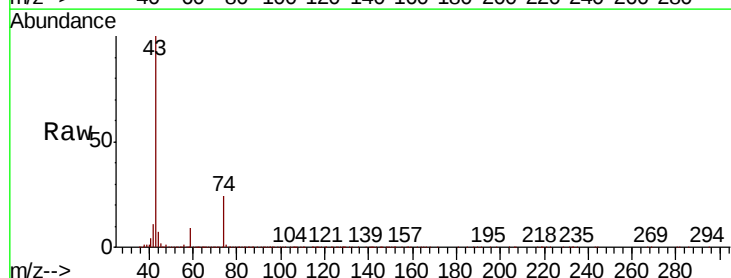
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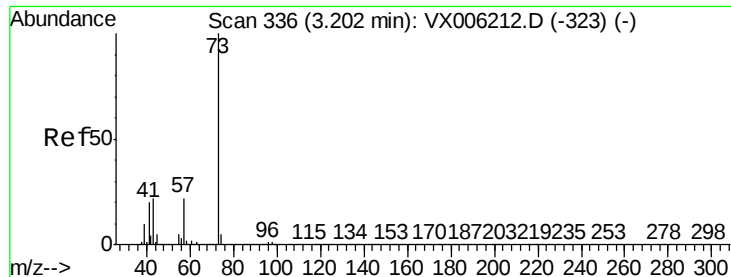
MMDadoda
12/10/2018 9:57:25 AM



#18
Methyl Acetate
Concen: 19.185 ug/l
RT: 2.78 min Scan# 266
Delta R.T. -0.01 min
Lab File: VX006338.D
Acq: 07 Dec 2018 11:12

Tgt Ion	Ratio	Lower	Upper
43	100		
74	23.2	17.9	26.9





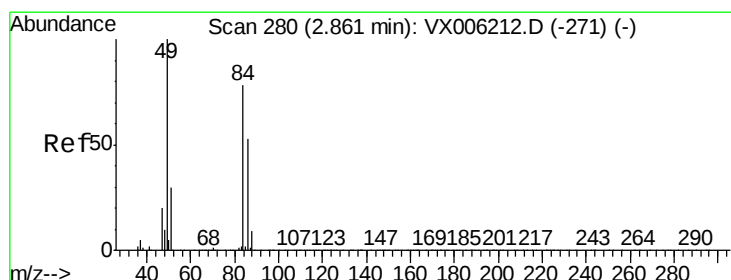
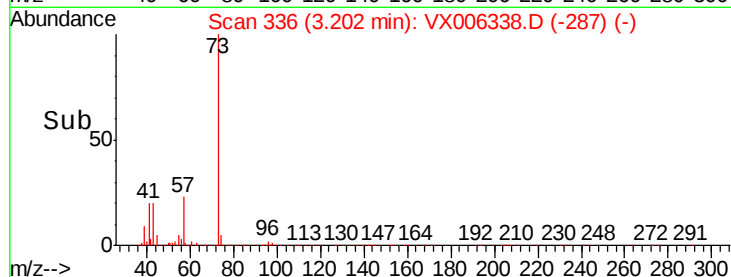
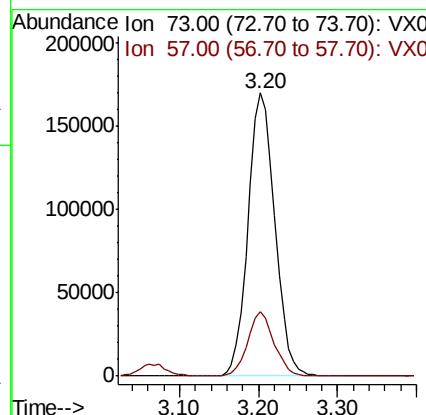
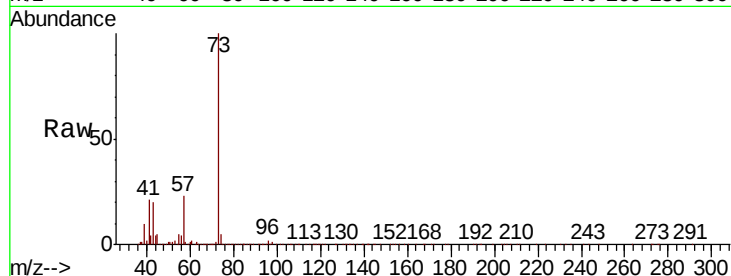
#19
Methvl tert-butvl Ether
Concen: 18.799 ug/l
RT: 3.20 min Scan# 336
Delta R.T. 0.00 min
Lab File: VX006338.D
Acq: 07 Dec 2018 11:12

Instrument :
MSVOA_X
ClientSampleId :
VX1207WBS01

Tot Ion	Ratio	Lower	Upper
73	100		
57	22.6	17.5	26.3

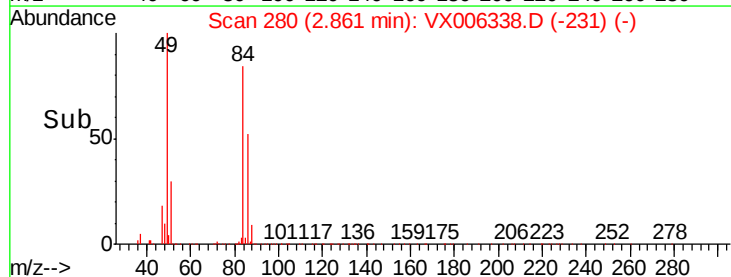
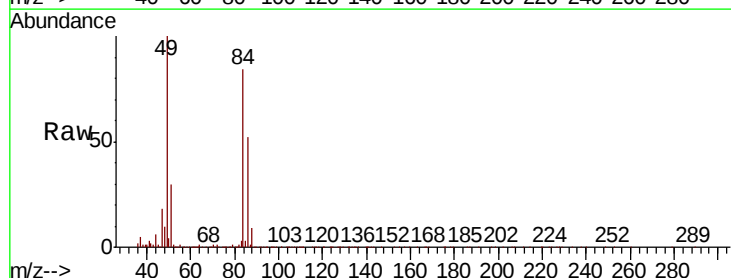
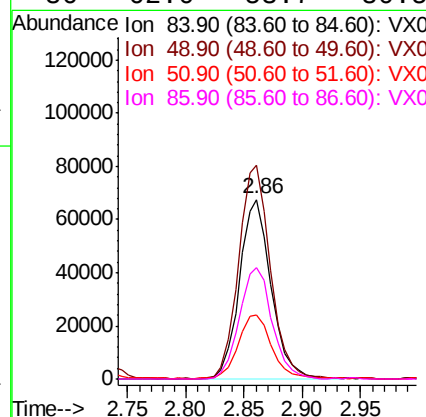
Manual Integrations
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12/10/2018 9:57:25 AM



#20
Methylene Chloride
Concen: 18.882 ug/l
RT: 2.86 min Scan# 280
Delta R.T. 0.00 min
Lab File: VX006338.D
Acq: 07 Dec 2018 11:12

Tgt Ion	Ratio	Lower	Upper
84	100		
49	119.0	102.2	153.4
51	35.5	31.1	46.7
86	62.0	53.7	80.5





#21

trans-1,2-Dichloroethene

Concen: 18.655 ug/l

RT: 3.17 min Scan# 330

Delta R.T. 0.00 min

Lab File: VX006338.D

Acq: 07 Dec 2018 11:12

Instrument :

MSVOA_X

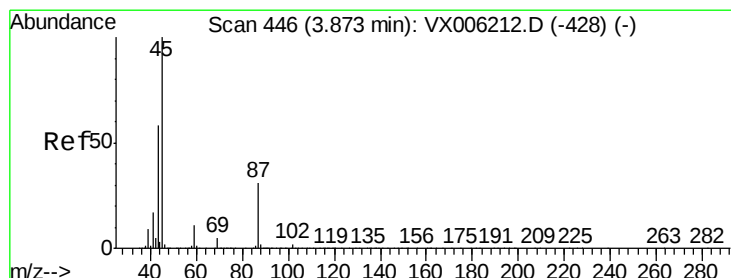
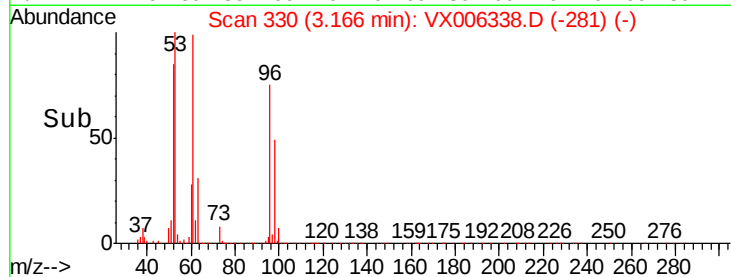
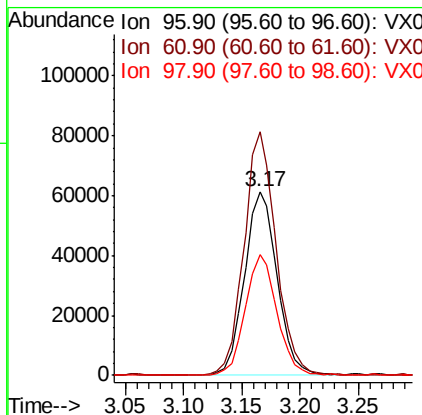
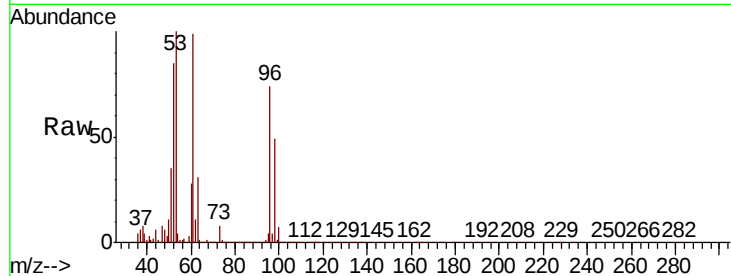
ClientSampleId :

VX1207WBS01

Tot Ion:	96	Resp:	118940
Ion	Ratio	Lower	Upper
96	100		
61	132.7	113.3	169.9
98	65.6	53.2	79.8

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#22

Diisopropyl ether

Concen: 19.784 ug/l

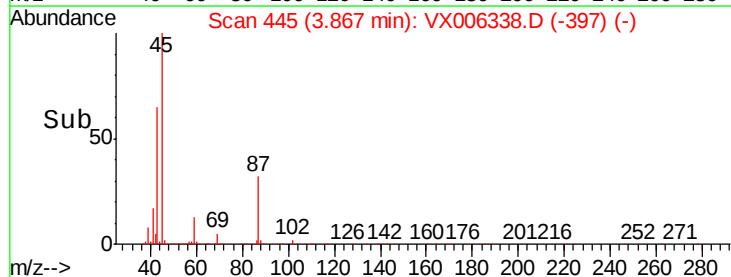
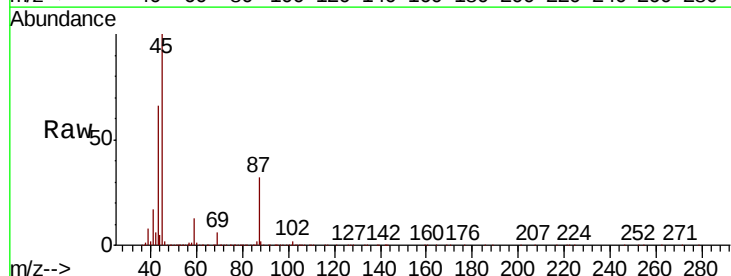
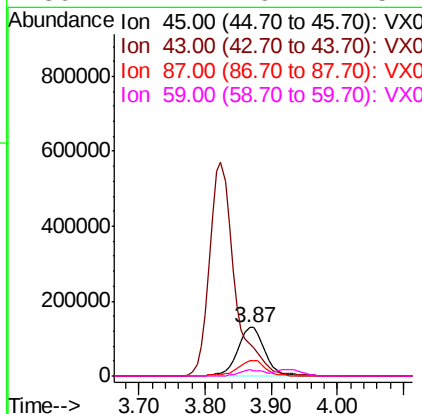
RT: 3.87 min Scan# 445

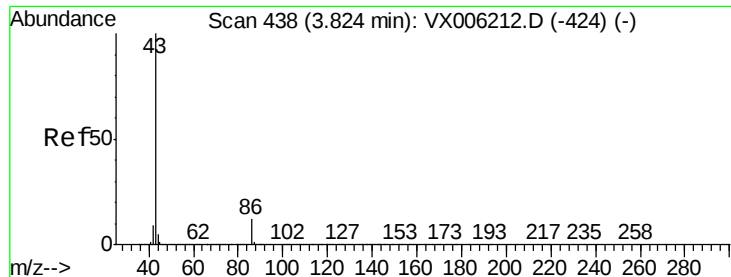
Delta R.T. -0.01 min

Lab File: VX006338.D

Acq: 07 Dec 2018 11:12

Tgt Ion:	45	Resp:	365210
Ion	Ratio	Lower	Upper
45	100		
43	65.0	46.2	69.2
87	32.2	24.9	37.3
59	12.7	9.1	13.7





#23

Vinyl Acetate

Concen: 95.875 ug/l

RT: 3.82 min Scan# 438

Delta R.T. 0.00 min

Lab File: VX006338.D

Acq: 07 Dec 2018 11:12

Instrument :

MSVOA_X

ClientSampleId :

VX1207WBS01

Tot Ion: 43 Resp: 1509557

Ion Ratio Lower Upper

43 100

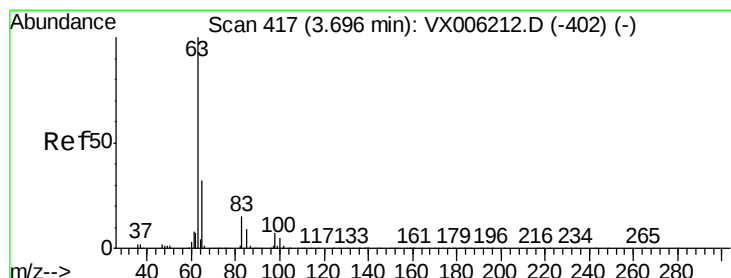
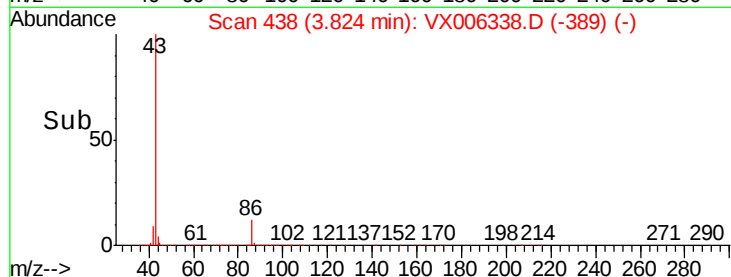
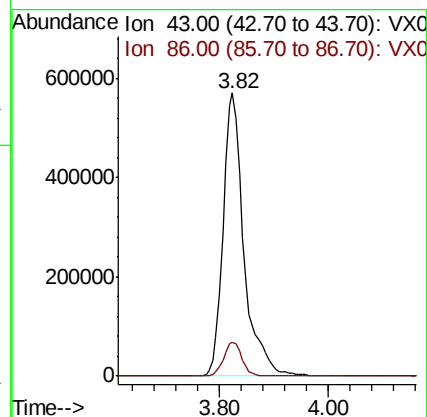
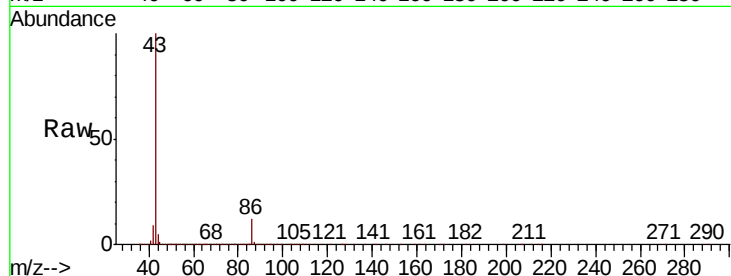
86 12.0 9.4 14.0

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#24

1,1-Dichloroethane

Concen: 20.172 ug/l

RT: 3.70 min Scan# 417

Delta R.T. 0.00 min

Lab File: VX006338.D

Acq: 07 Dec 2018 11:12

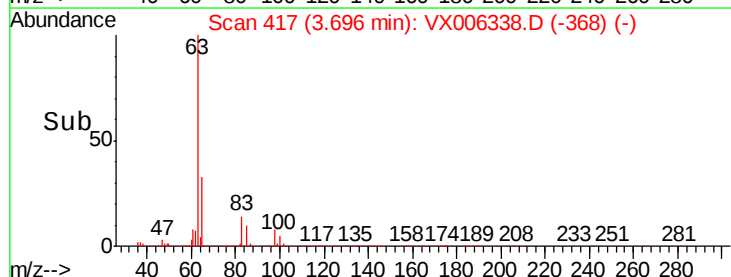
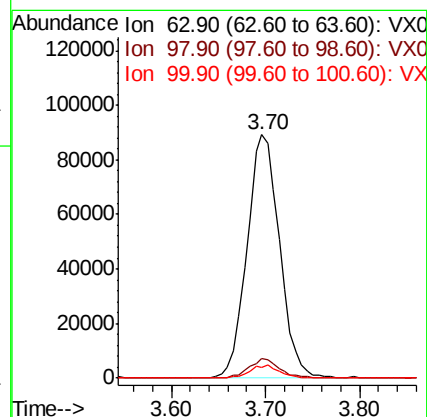
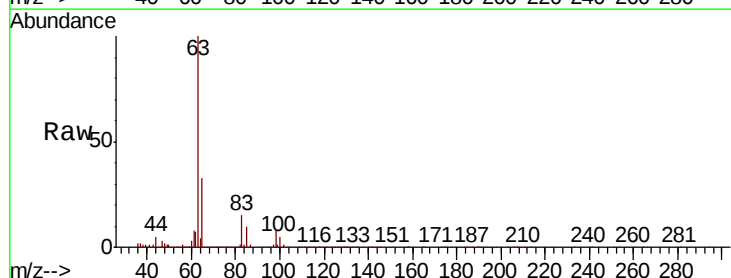
Tgt Ion: 63 Resp: 212848

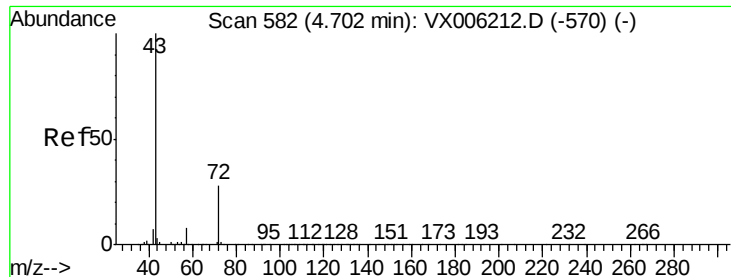
Ion Ratio Lower Upper

63 100

98 7.8 3.8 11.4

100 4.5 2.5 7.4





#25

2-Butanone

Concen: 95.662 ug/l

RT: 4.70 min Scan# 581

Delta R.T. -0.01 min

Lab File: VX006338.D

Acq: 07 Dec 2018 11:12

Instrument :

MSVOA_X

ClientSampleId :

VX1207WBS01

Tot Ion: 43 Resp: 432366

Ion Ratio Lower Upper

43 100

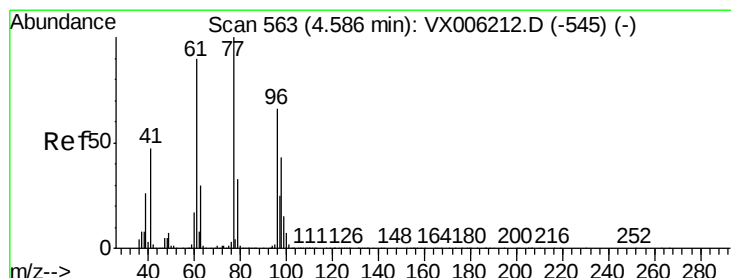
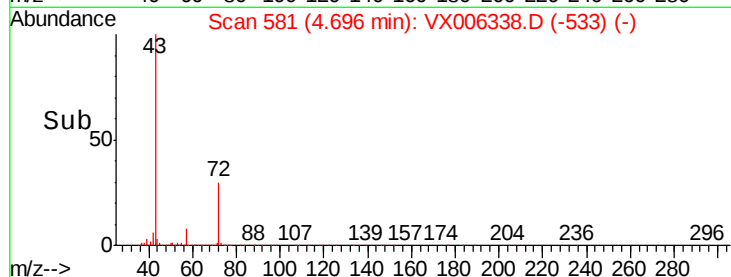
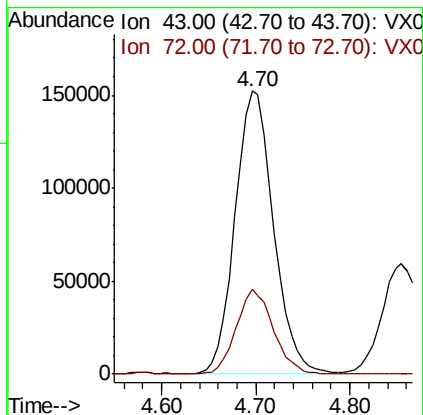
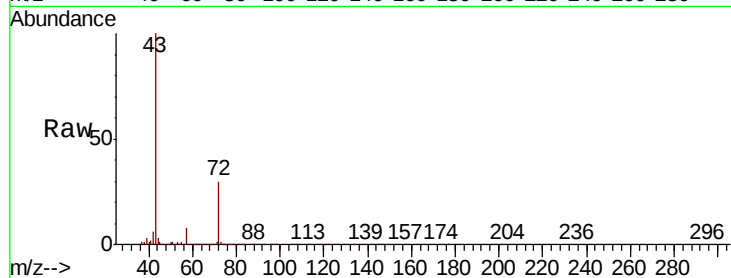
72 30.2 22.6 33.8

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 19.702 ug/l

RT: 4.59 min Scan# 563

Delta R.T. 0.00 min

Lab File: VX006338.D

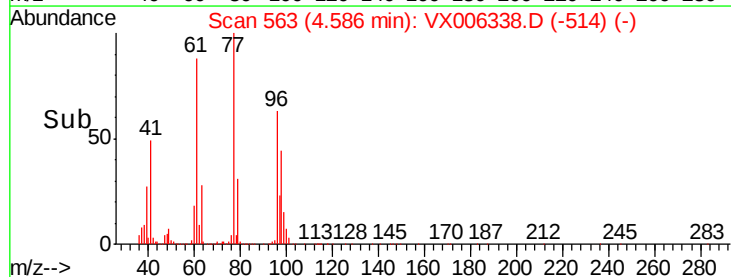
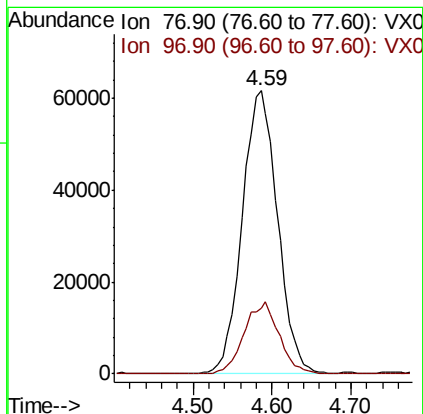
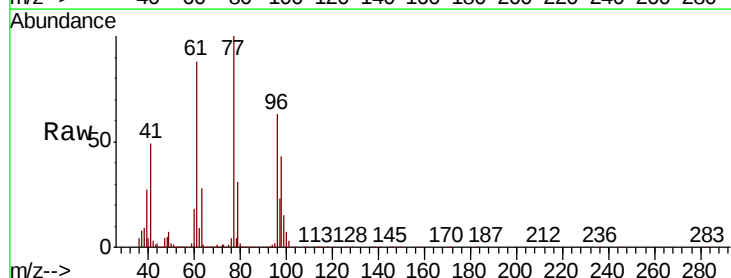
Acq: 07 Dec 2018 11:12

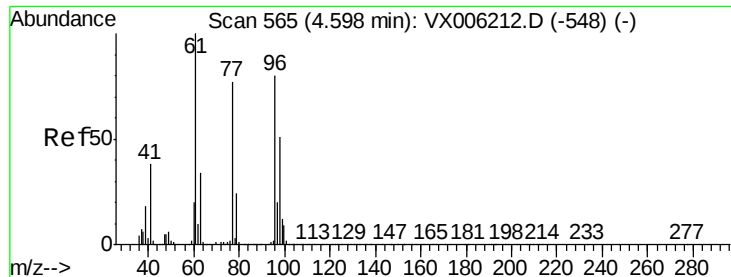
Tgt Ion: 77 Resp: 191857

Ion Ratio Lower Upper

77 100

97 25.2 12.3 36.8





#27

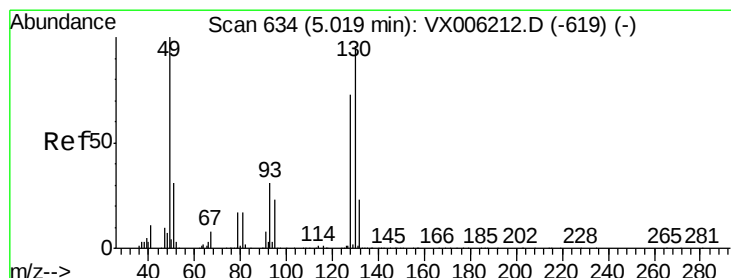
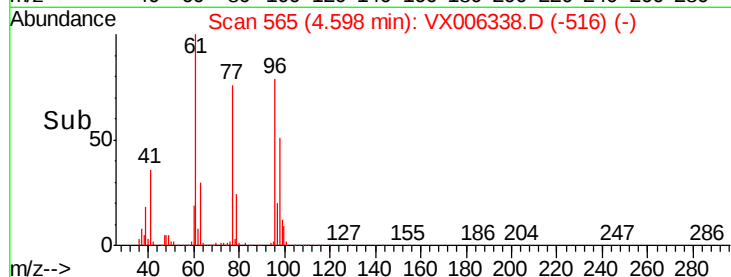
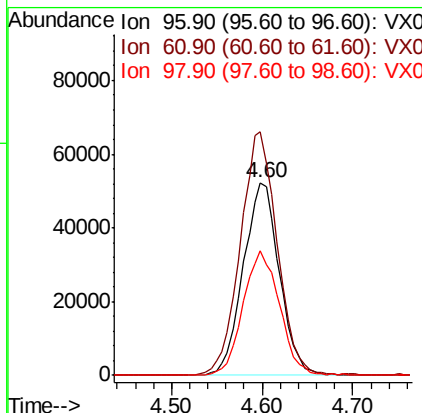
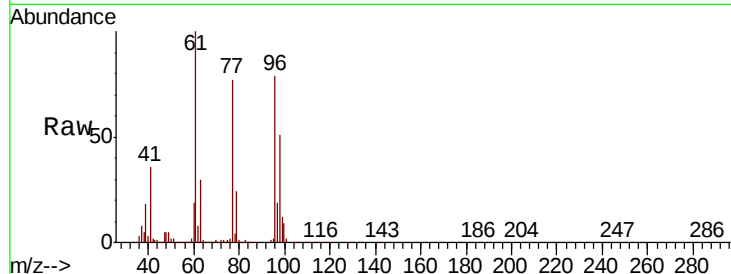
cis-1,2-Dichloroethene
Concen: 20.181 ug/l
RT: 4.60 min Scan# 565
Delta R.T. 0.00 min
Lab File: VX006338.D
Acq: 07 Dec 2018 11:12

Instrument :
MSVOA_X
ClientSampleId :
VX1207WBS01

Tot Ion	Ratio	Lower	Upper
96	100		
61	129.2	0.0	265.0
98	65.3	0.0	130.2

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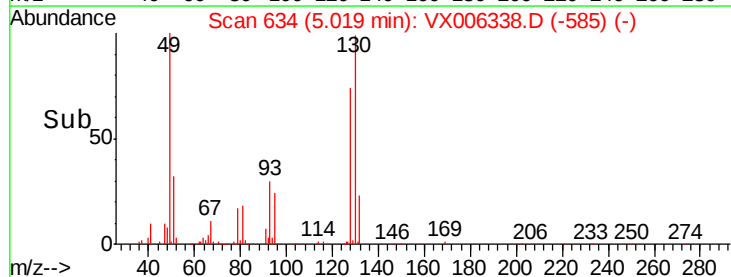
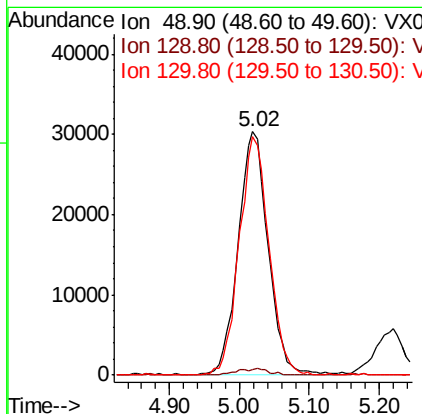
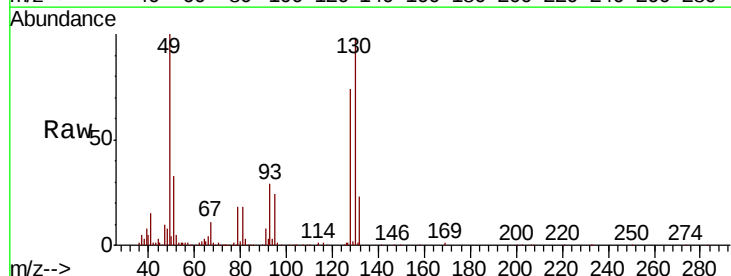
MMDadoda
12/10/2018 9:57:25 AM

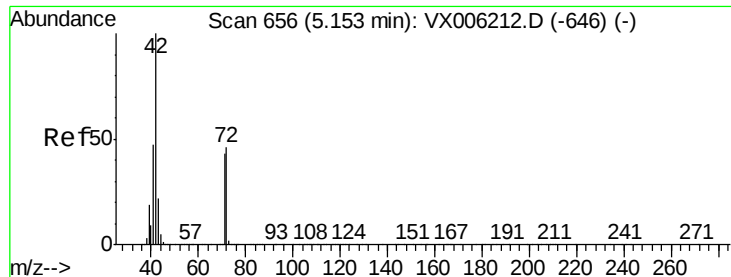


#28

Bromochloromethane
Concen: 19.441 ug/l
RT: 5.02 min Scan# 634
Delta R.T. 0.00 min
Lab File: VX006338.D
Acq: 07 Dec 2018 11:12

Tgt Ion	Ratio	Lower	Upper
49	100		
129	1.2	0.0	5.0
130	98.3	78.3	117.5





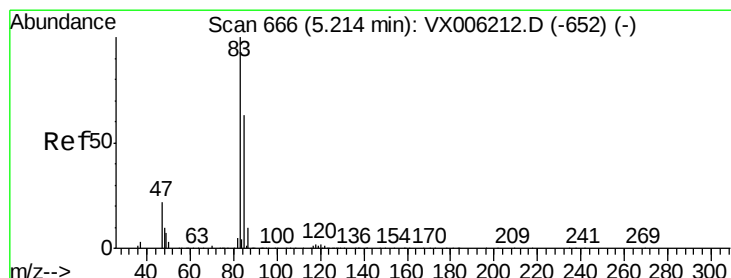
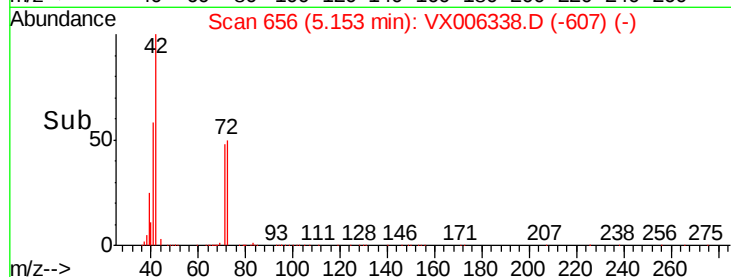
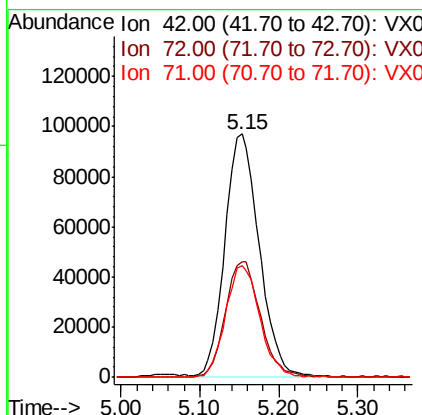
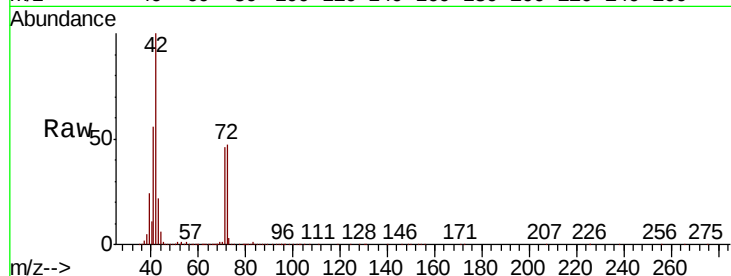
#29
Tetrahydrofuran
Concen: 92.868 ug/l
RT: 5.15 min Scan# 656
Delta R.T. 0.00 min
Lab File: VX006338.D
Acq: 07 Dec 2018 11:12

Instrument :
MSVOA_X
ClientSampleId :
VX1207WBS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	48.9	37.8	56.8
71	46.1	35.2	52.8

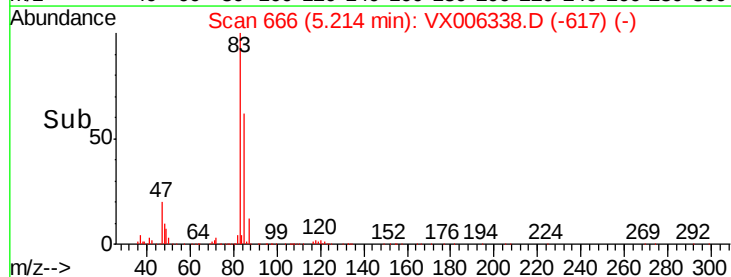
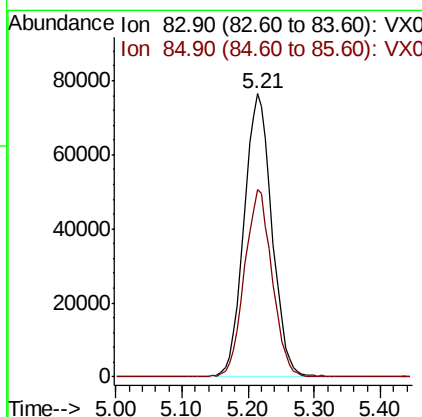
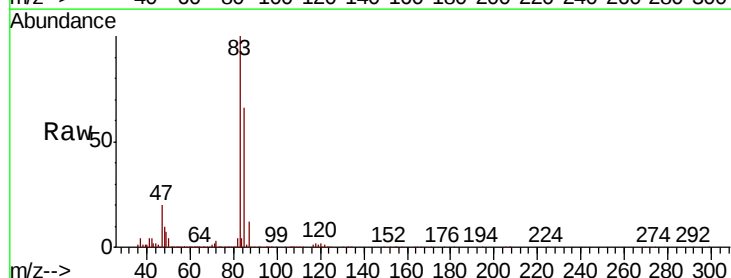
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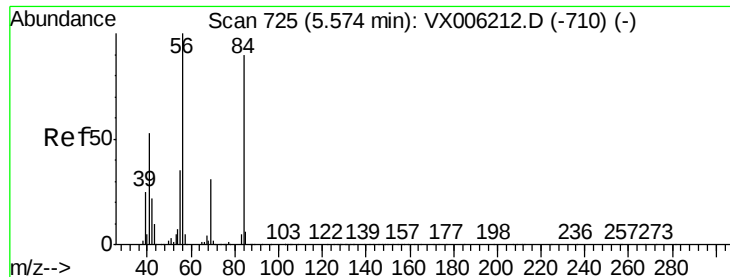
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#30
Chloroform
Concen: 20.195 ug/l
RT: 5.21 min Scan# 666
Delta R.T. 0.00 min
Lab File: VX006338.D
Acq: 07 Dec 2018 11:12

Tgt Ion	Ratio	Lower	Upper
83	100		
85	66.4	50.3	75.5





#31

Cyclohexane

Concen: 18.797 ug/l

RT: 5.57 min Scan# 725

Delta R.T. 0.00 min

Lab File: VX006338.D

Acq: 07 Dec 2018 11:12

Instrument :

MSVOA_X

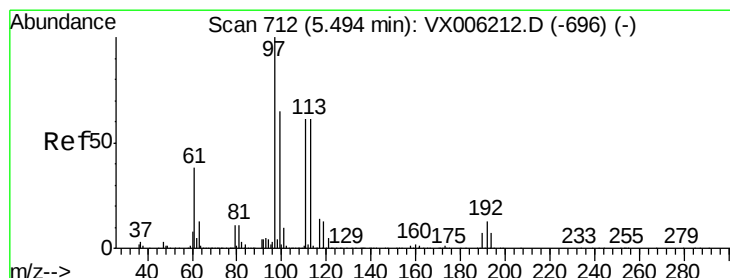
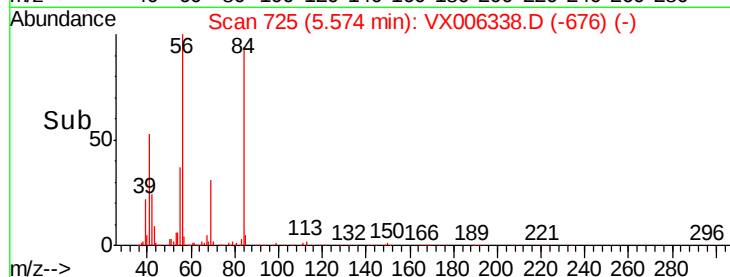
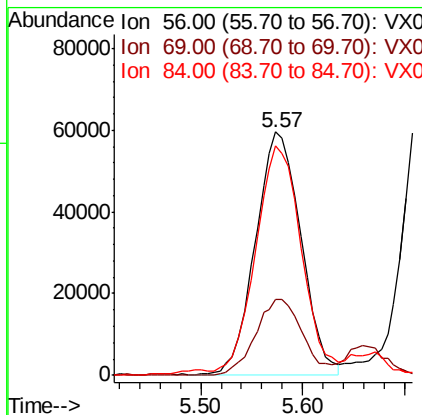
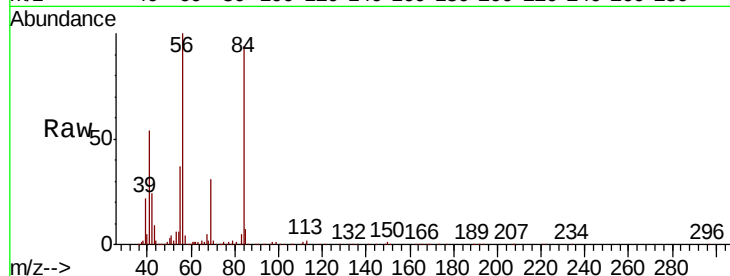
ClientSampleId :

VX1207WBS01

Tot Ion:	56	Resp:	183292
Ion Ratio	Lower	Upper	
56	100		
69	30.9	24.5	36.7
84	92.7	71.8	107.6

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#32

1,1,1-Trichloroethane

Concen: 19.732 ug/l

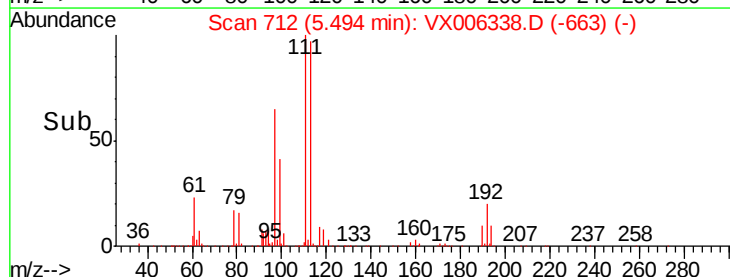
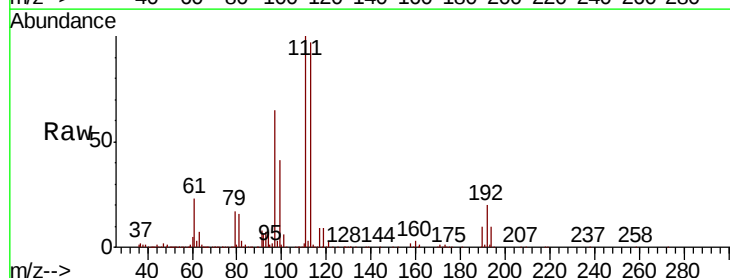
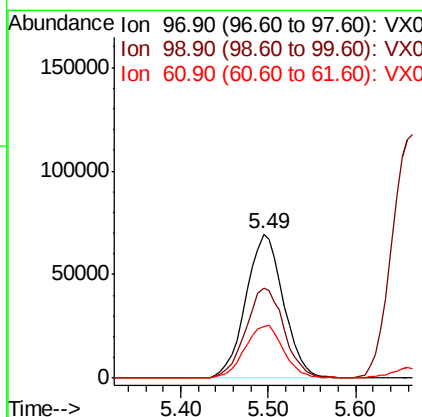
RT: 5.49 min Scan# 712

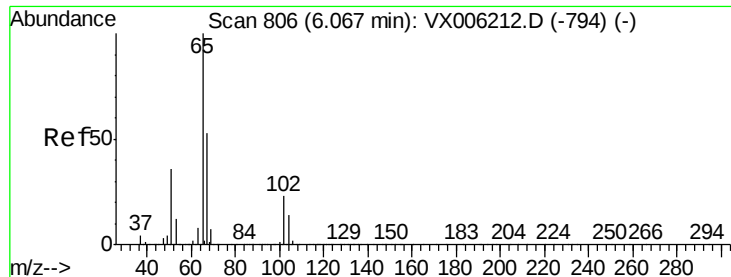
Delta R.T. 0.00 min

Lab File: VX006338.D

Acq: 07 Dec 2018 11:12

Tgt Ion:	97	Resp:	208171
Ion Ratio	Lower	Upper	
97	100		
99	63.7	51.6	77.4
61	37.7	30.6	46.0





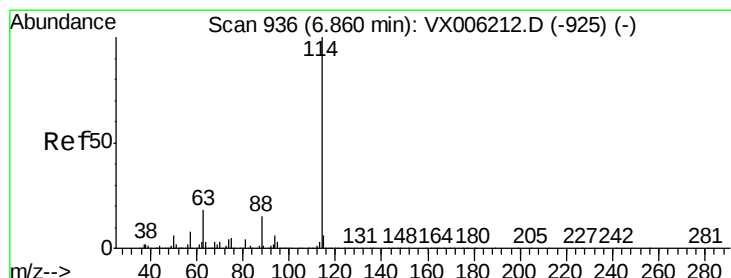
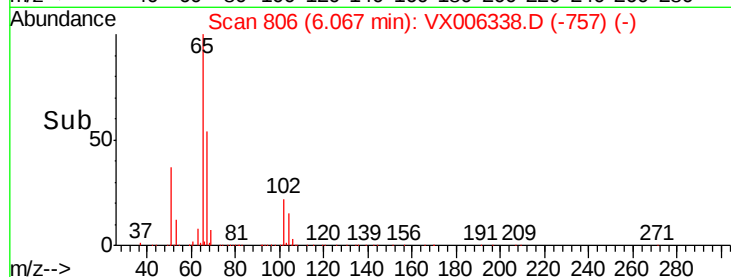
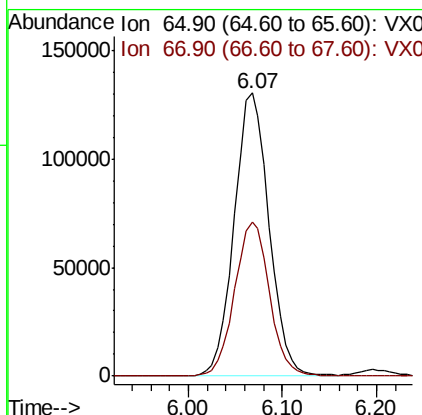
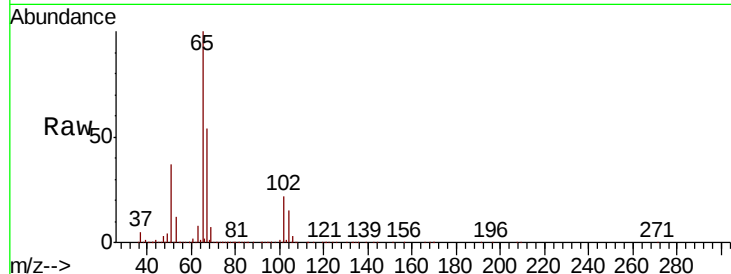
#33
 1,2-Dichloroethane-d4
 Concen: 50.017 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. 0.00 min
 Lab File: VX006338.D
 Acq: 07 Dec 2018 11:12

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1207WBS01

Tot Ion	Ratio	Lower	Upper
65	100		
67	54.6	0.0	107.2

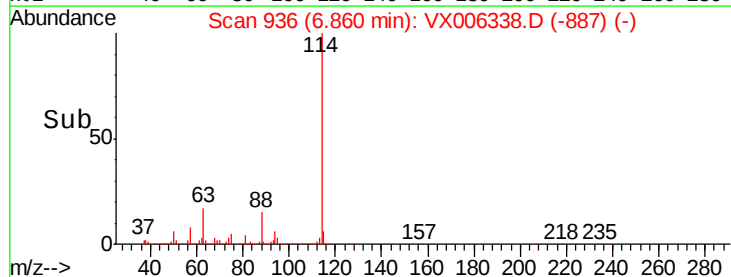
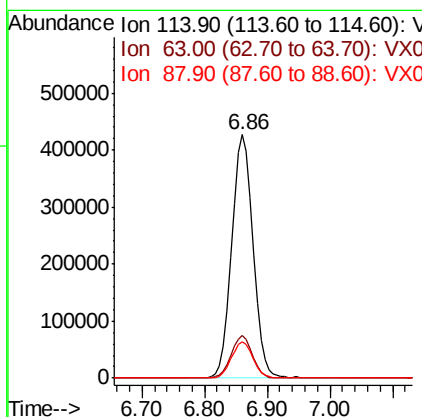
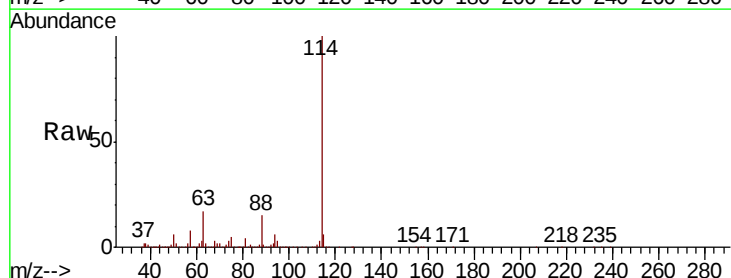
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX006338.D
 Acq: 07 Dec 2018 11:12

Tgt Ion	Ratio	Lower	Upper
114	100		
63	17.3	0.0	36.6
88	14.9	0.0	29.0





#35

Dibromofluoromethane

Concen: 50.038 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.00 min

Lab File: VX006338.D

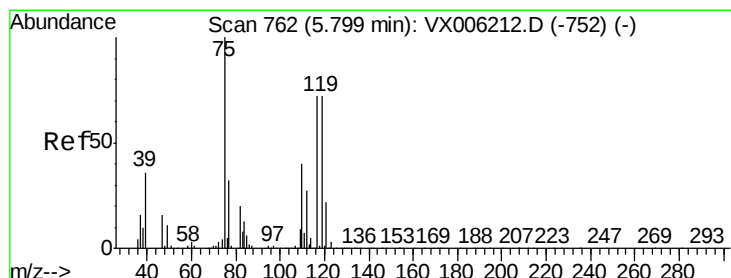
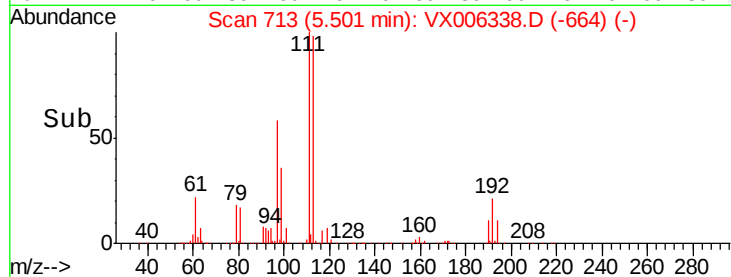
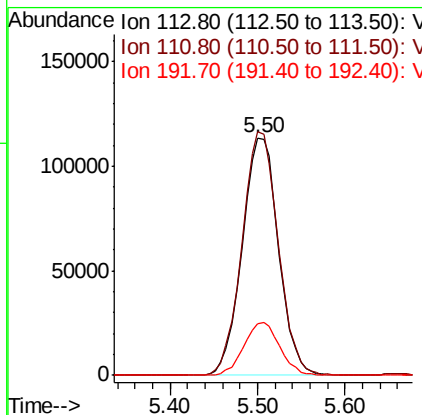
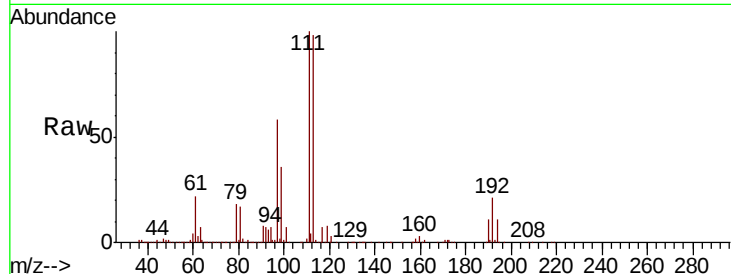
Acq: 07 Dec 2018 11:12

Instrument :
MSVOA_X
ClientSampleId :
VX1207WBS01

Tot Ion:	113	Resp:	326766
Ion Ratio	Lower	Upper	
113	100		
111	102.2	81.1	121.7
192	22.0	18.2	27.2

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#36

1,1-Dichloropropene

Concen: 18.687 ug/l

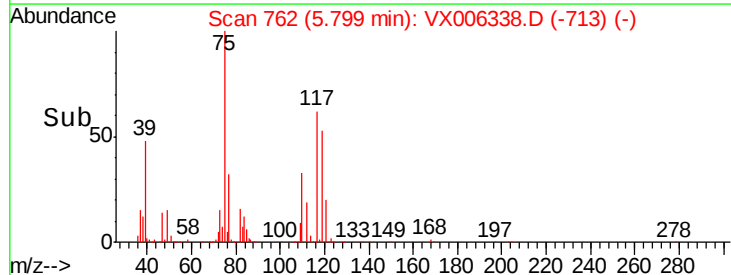
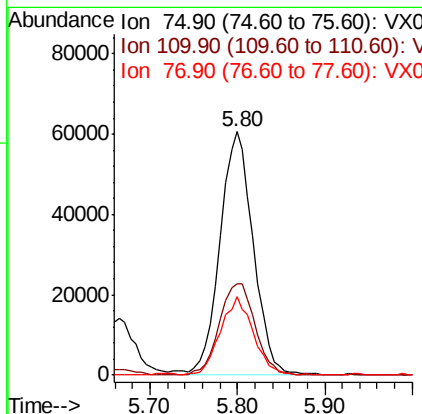
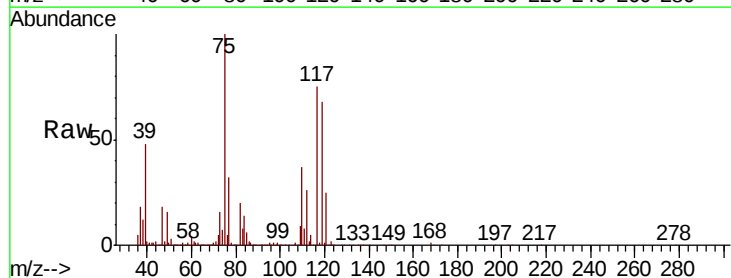
RT: 5.80 min Scan# 762

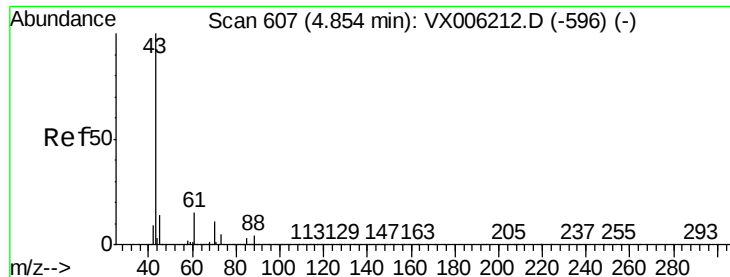
Delta R.T. 0.00 min

Lab File: VX006338.D

Acq: 07 Dec 2018 11:12

Tgt Ion:	75	Resp:	158718
Ion Ratio	Lower	Upper	
75	100		
110	40.6	20.4	61.3
77	31.6	24.9	37.3





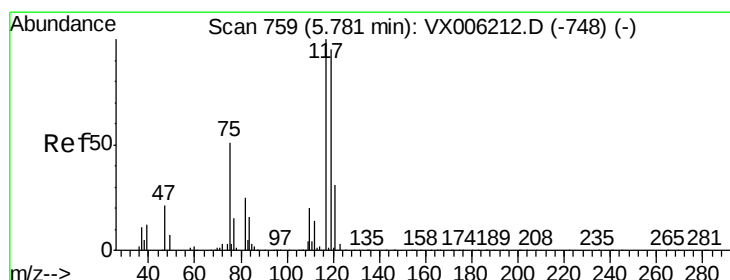
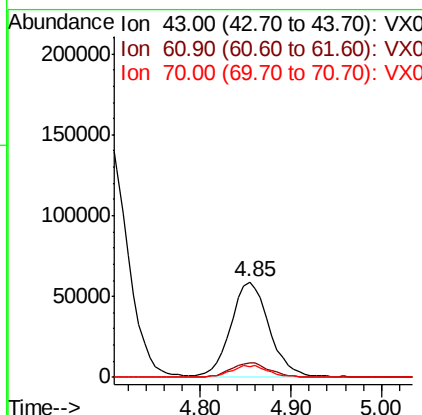
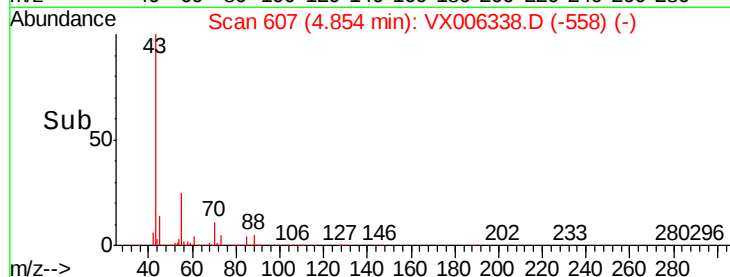
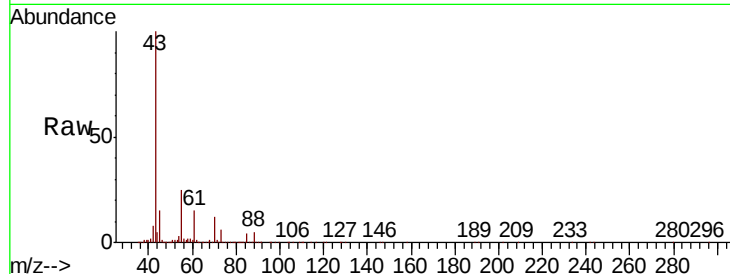
#37
Ethyl Acetate
Concen: 18.039 ug/l
RT: 4.85 min Scan# 607
Delta R.T. 0.00 min
Lab File: VX006338.D
Acq: 07 Dec 2018 11:12

Instrument :
MSVOA_X
ClientSampleId :
VX1207WBS01

Tot Ion	43	Resp	171585
Ion Ratio	Lower	Upper	
43	100		
61	14.8	11.5	17.3
70	12.7	9.0	13.6

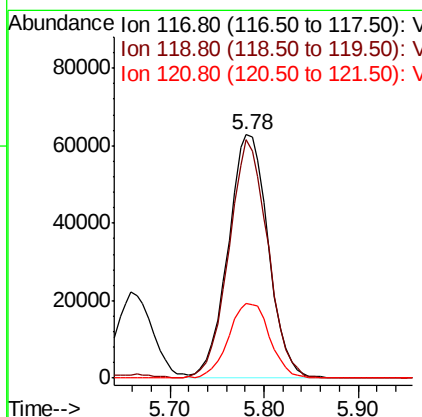
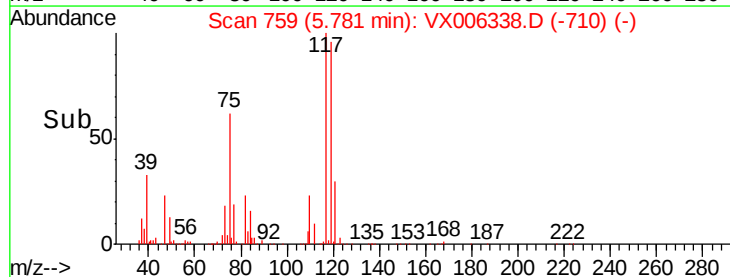
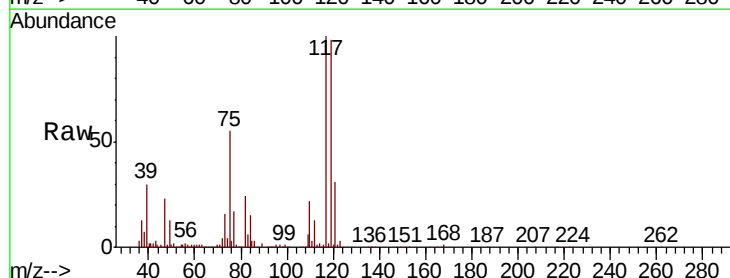
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#38
Carbon Tetrachloride
Concen: 18.552 ug/l
RT: 5.78 min Scan# 759
Delta R.T. 0.00 min
Lab File: VX006338.D
Acq: 07 Dec 2018 11:12

Tgt Ion	117	Resp	185370
Ion Ratio	Lower	Upper	
117	100		
119	98.0	75.8	113.8
121	30.4	24.6	37.0





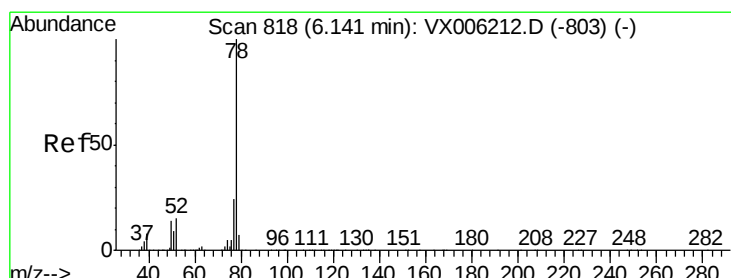
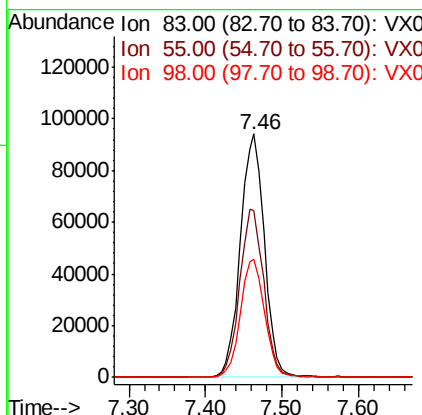
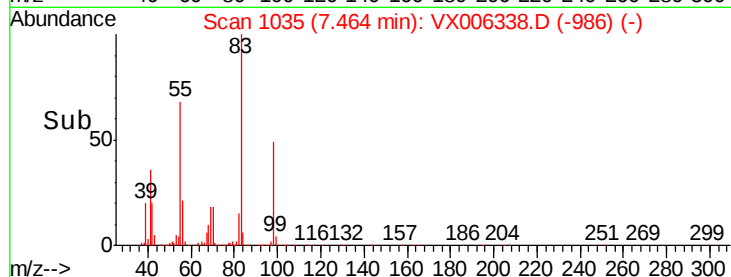
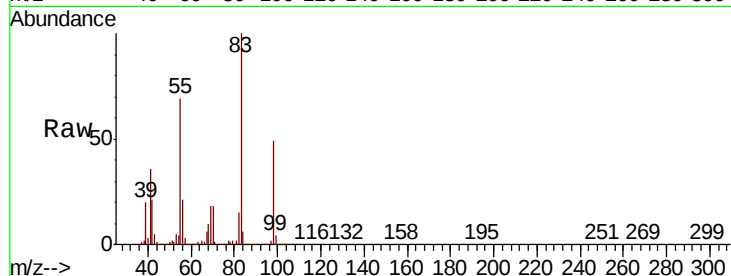
#39
Methvlcvclohexane
Concen: 18.593 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. 0.00 min
Lab File: VX006338.D
Acq: 07 Dec 2018 11:12

Instrument :
MSVOA_X
ClientSampleId :
VX1207WBS01

Tot Ion	Ratio	Lower	Upper
83	100		
55	68.5	56.4	84.6
98	48.6	39.0	58.6

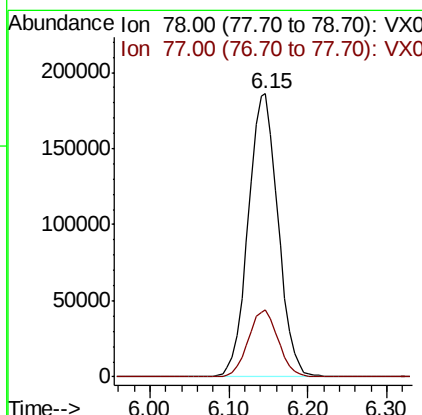
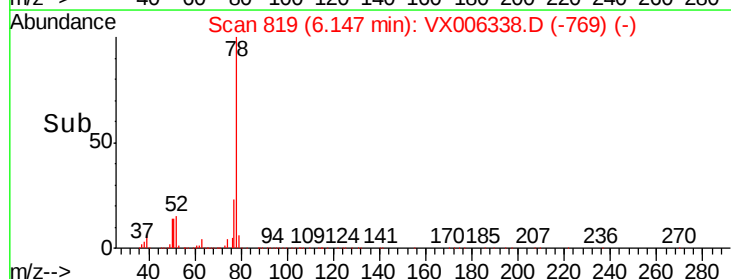
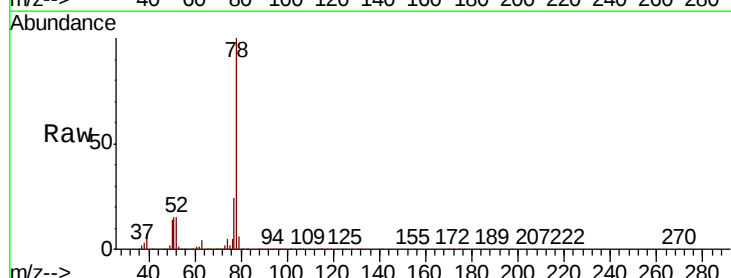
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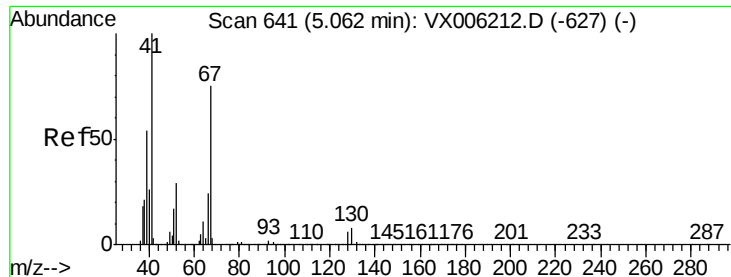
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#40
Benzene
Concen: 19.227 ug/l
RT: 6.15 min Scan# 819
Delta R.T. 0.01 min
Lab File: VX006338.D
Acq: 07 Dec 2018 11:12

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.7	19.2	28.8





#41

Methacrylonitrile

Concen: 18.068 ug/l

RT: 5.06 min Scan# 641

Delta R.T. 0.00 min

Lab File: VX006338.D

Acq: 07 Dec 2018 11:12

Instrument :

MSVOA_X

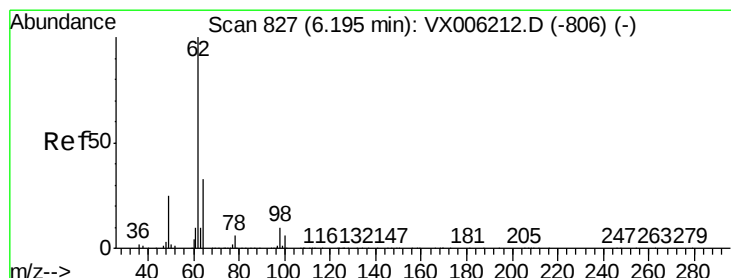
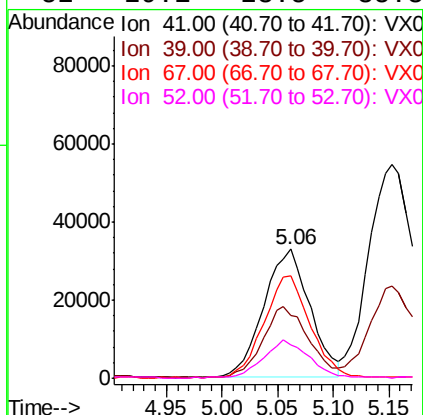
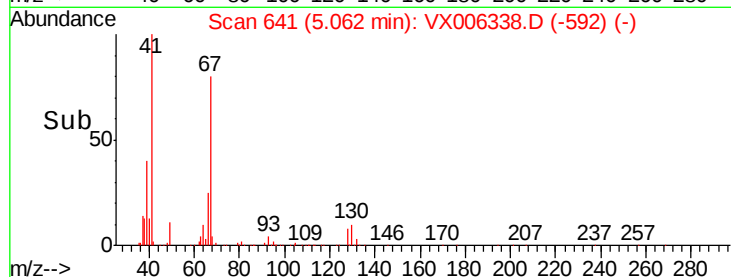
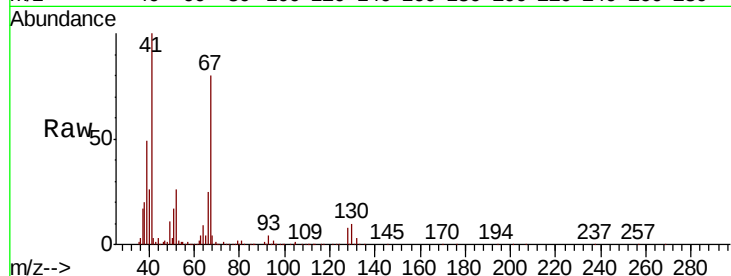
ClientSampleId :

VX1207WBS01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
41	100		94565		
39	54.8	44.0	66.0		
67	79.7	61.4	92.0		
52	29.1	23.5	35.3		

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#42

1,2-Dichloroethane

Concen: 19.589 ug/l

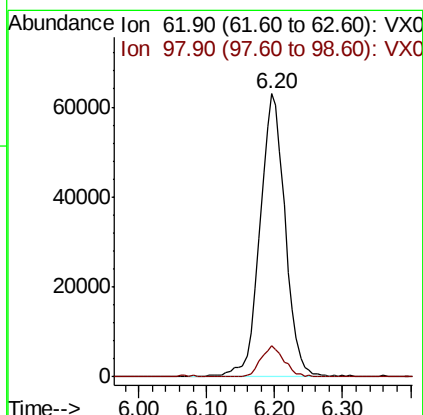
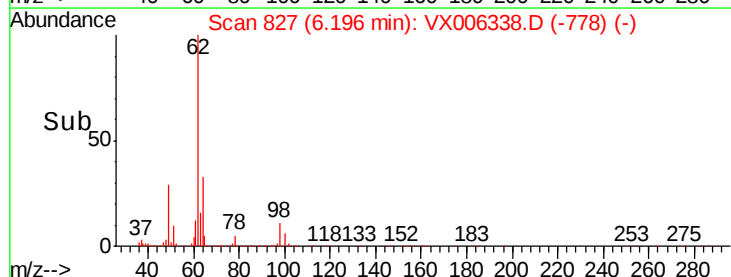
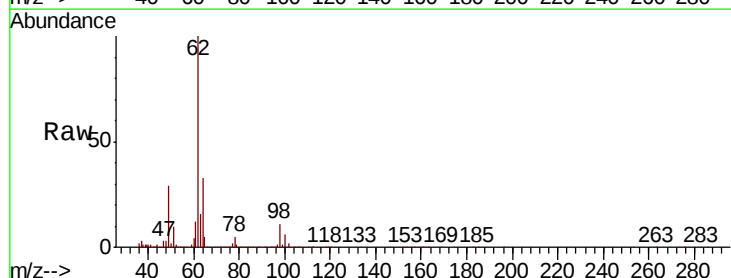
RT: 6.20 min Scan# 827

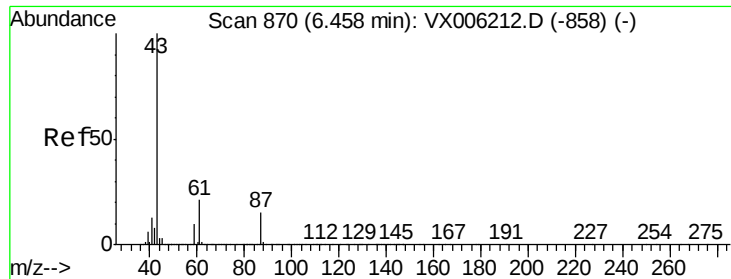
Delta R.T. 0.00 min

Lab File: VX006338.D

Acq: 07 Dec 2018 11:12

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
62	100		163096		
98	10.3	0.0	20.2		





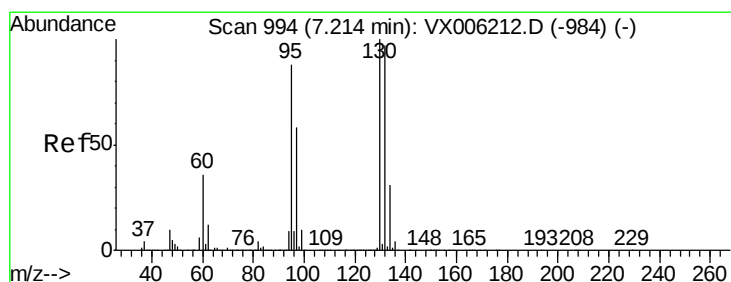
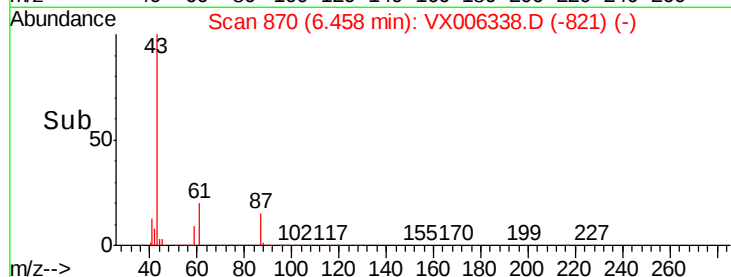
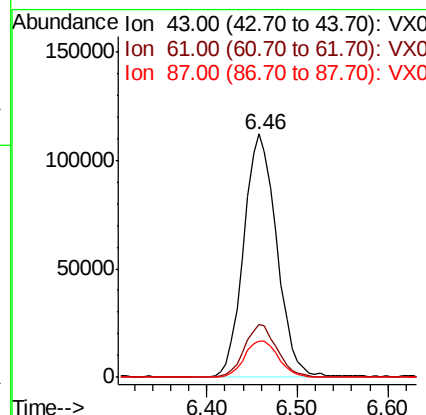
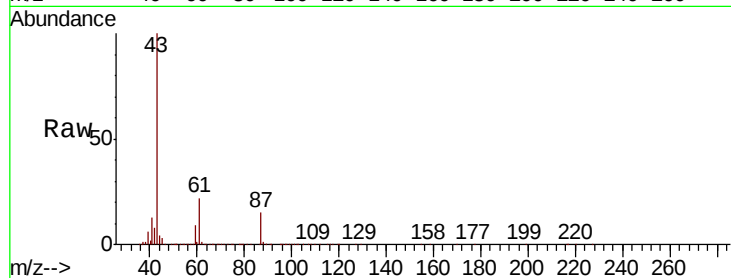
#43
Isopropyl Acetate
Concen: 17.676 ug/l
RT: 6.46 min Scan# 870
Delta R.T. 0.00 min
Lab File: VX006338.D
Acq: 07 Dec 2018 11:12

Instrument :
MSVOA_X
ClientSampleId :
VX1207WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	21.5	16.8	25.2
87	15.6	11.9	17.9

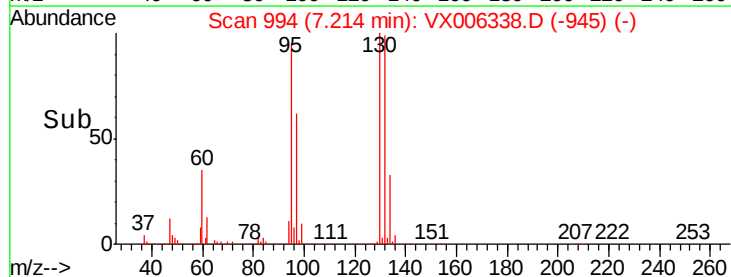
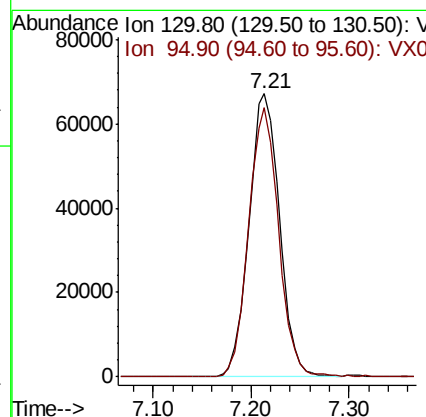
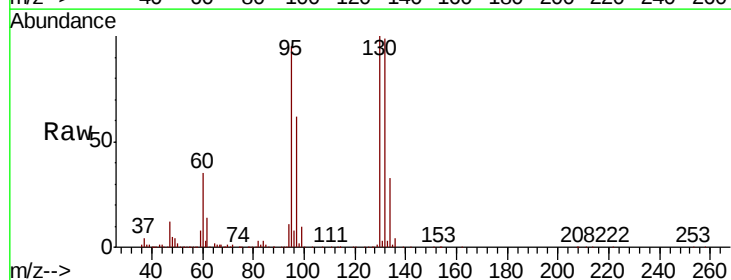
Manual Integrations
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12/10/2018 9:57:25 AM



#44
Trichloroethene
Concen: 18.823 ug/l
RT: 7.21 min Scan# 994
Delta R.T. 0.00 min
Lab File: VX006338.D
Acq: 07 Dec 2018 11:12

Tgt Ion	Ratio	Lower	Upper
130	100		
95	95.1	0.0	175.8





#45

1,2-Dichloropropane

Concen: 19.018 ug/l

RT: 7.52 min Scan# 1044

Delta R.T. 0.00 min

Lab File: VX006338.D

Acq: 07 Dec 2018 11:12

Instrument :

MSVOA_X

ClientSampleId :

VX1207WBS01

Tot Ion: 63 Resp: 122957

Ion Ratio Lower Upper

63 100

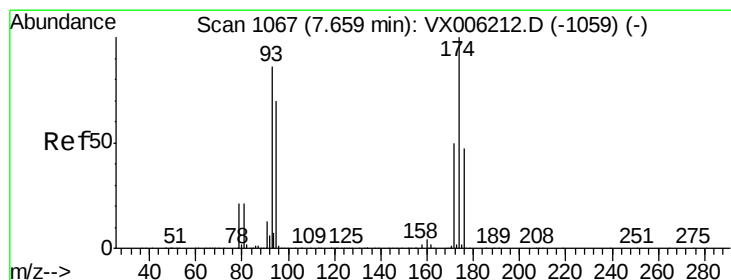
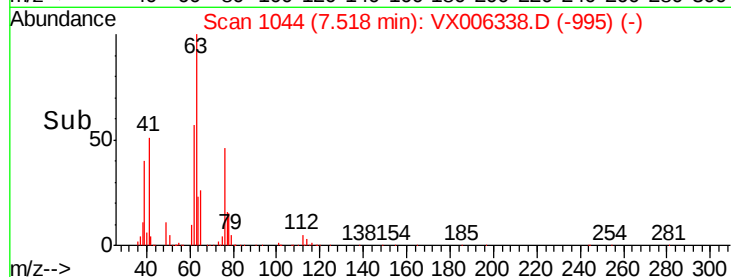
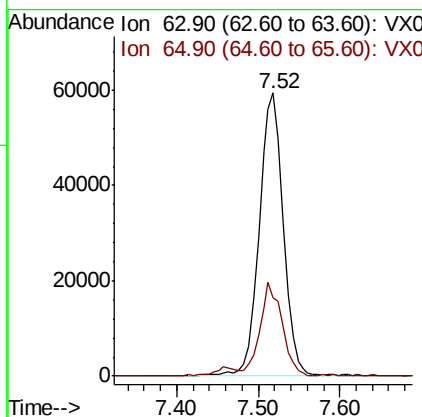
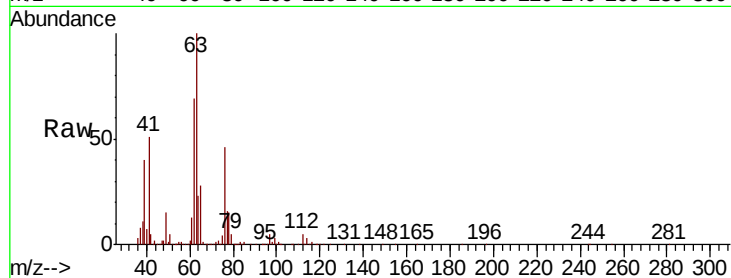
65 27.2 24.3 36.5

Manual Integrations

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#46

Dibromomethane

Concen: 19.078 ug/l

RT: 7.66 min Scan# 1068

Delta R.T. 0.01 min

Lab File: VX006338.D

Acq: 07 Dec 2018 11:12

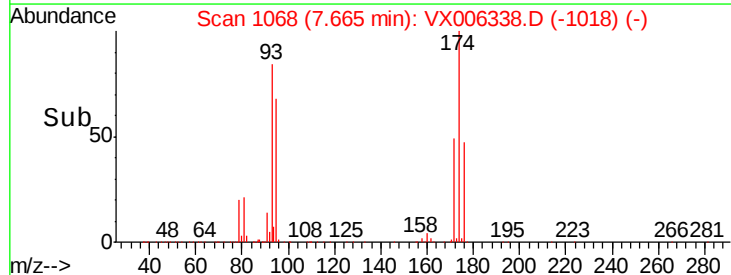
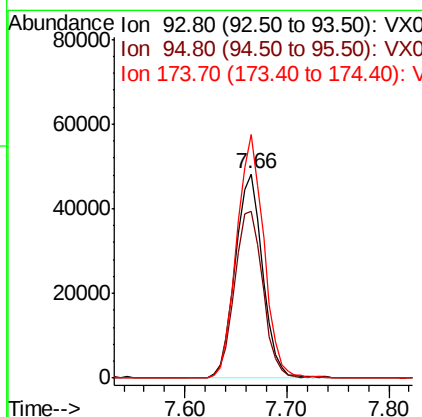
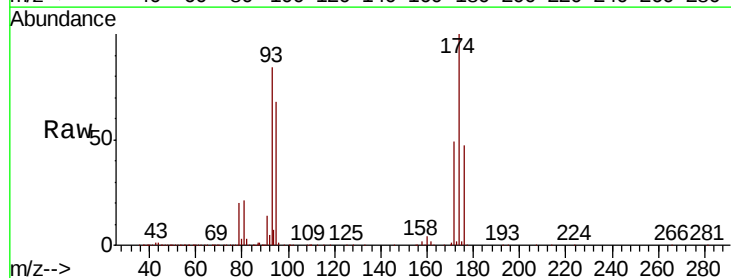
Tgt Ion: 93 Resp: 89085

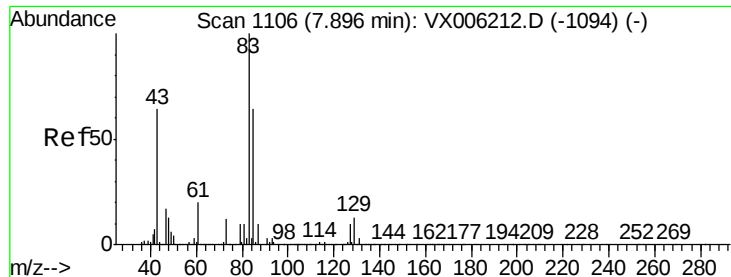
Ion Ratio Lower Upper

93 100

95 84.2 66.2 99.4

174 118.6 97.2 145.8





#47

Bromodichloromethane

Concen: 18.847 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. 0.00 min

Lab File: VX006338.D

Acq: 07 Dec 2018 11:12

Instrument :

MSVOA_X

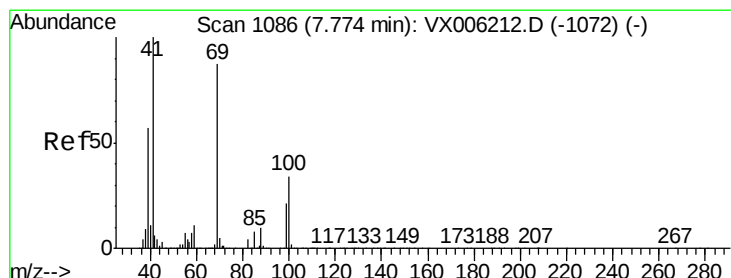
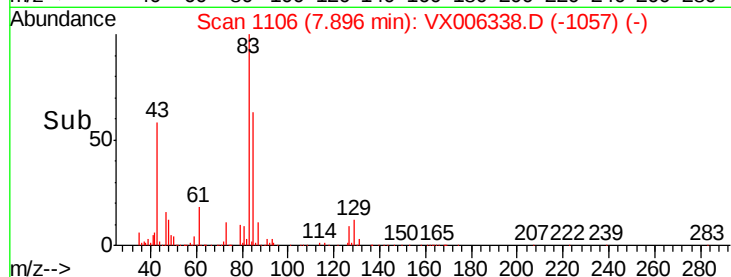
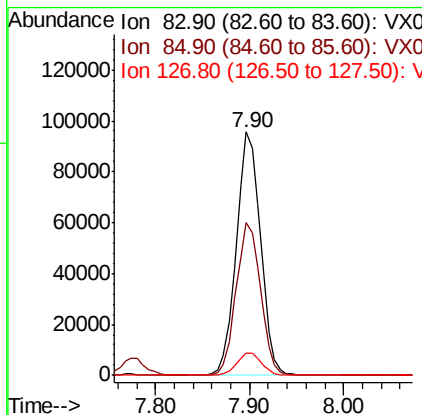
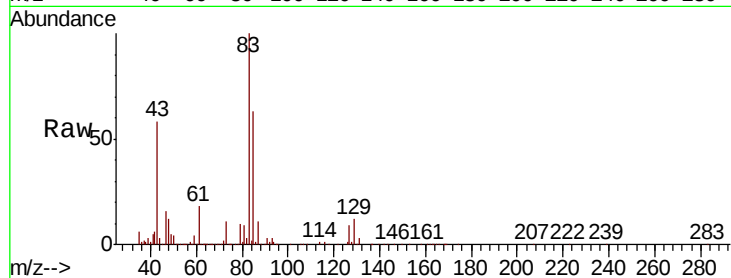
ClientSampleId :

VX1207WBS01

Tot Ion:	83	Resp:	170428
Ion Ratio	Lower	Upper	
83	100		
85	62.8	51.4	77.0
127	9.0	7.9	11.9

Manual Integrations
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#48

Methyl methacrylate

Concen: 17.697 ug/l

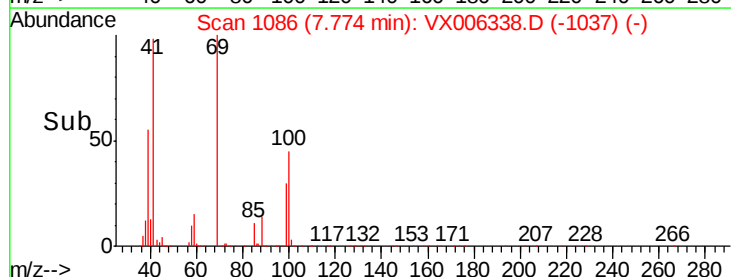
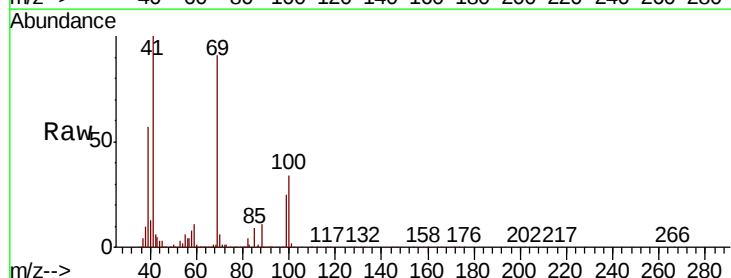
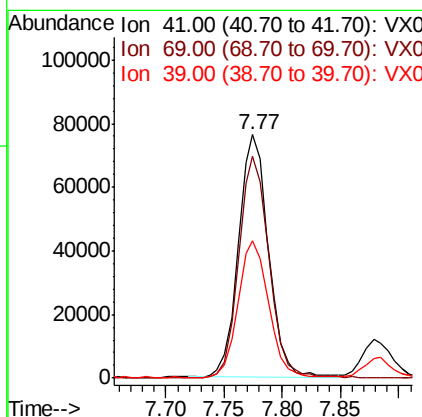
RT: 7.77 min Scan# 1086

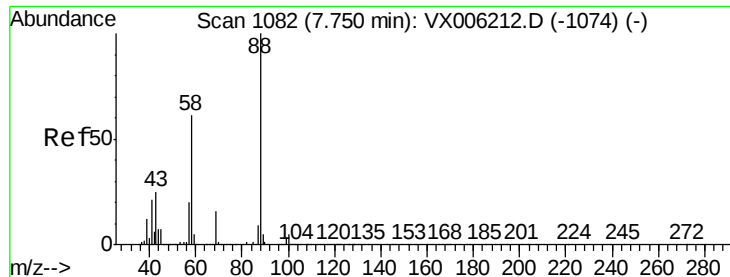
Delta R.T. 0.00 min

Lab File: VX006338.D

Acq: 07 Dec 2018 11:12

Tgt Ion:	41	Resp:	136534
Ion Ratio	Lower	Upper	
41	100		
69	91.7	70.3	105.5
39	57.5	45.3	67.9





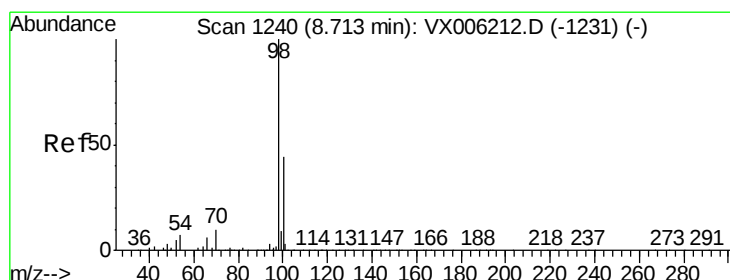
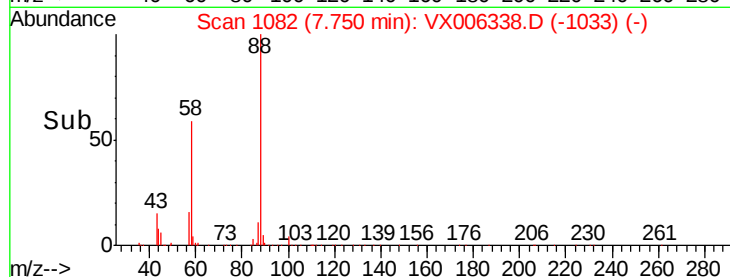
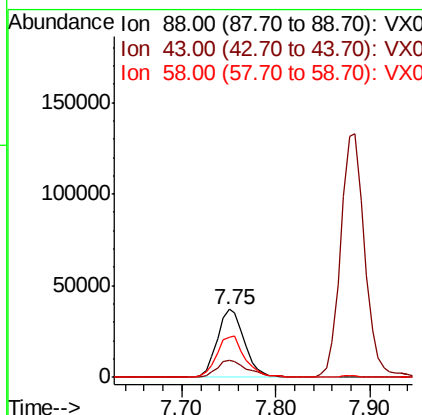
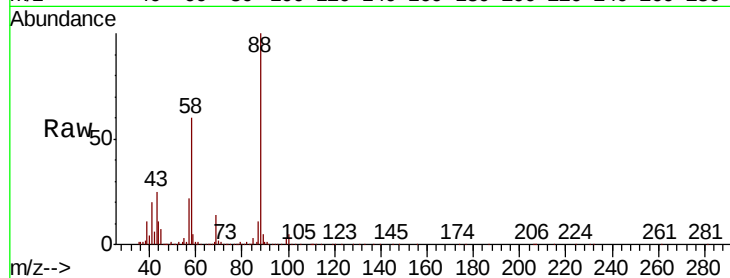
#49
1,4-Dioxane
Concen: 393.441 ug/l
RT: 7.75 min Scan# 1082
Delta R.T. 0.00 min
Lab File: VX006338.D
Acq: 07 Dec 2018 11:12

Instrument :
MSVOA_X
ClientSampleId :
VX1207WBS01

Tot Ion	Ratio	Lower	Upper
88	100		
43	27.1	23.2	34.8
58	62.2	51.4	77.0

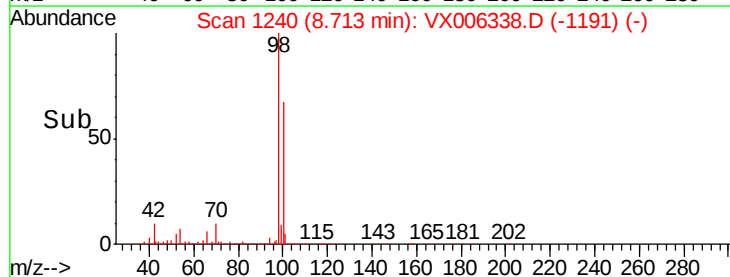
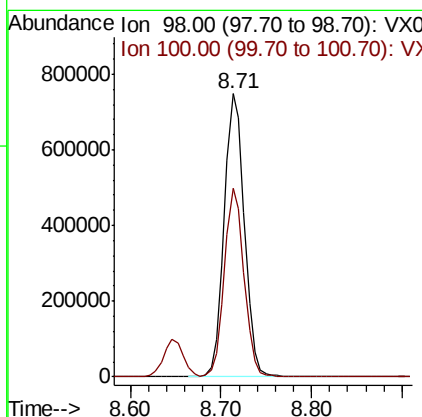
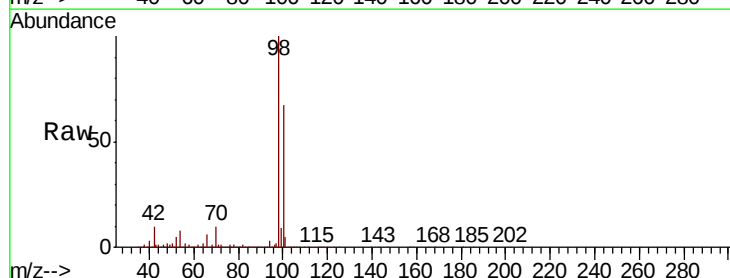
Manual Integrations
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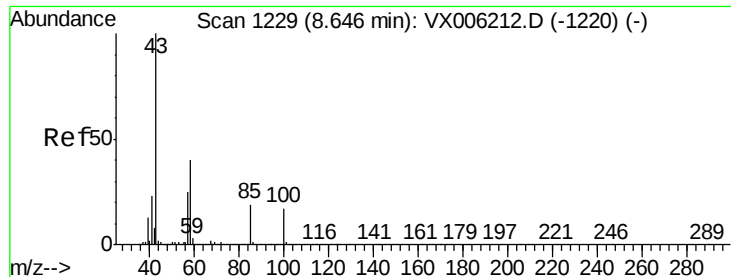
MMDadoda
12/10/2018 9:57:25 AM



#50
Toluene-d8
Concen: 48.815 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX006338.D
Acq: 07 Dec 2018 11:12

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.1	52.2	78.2





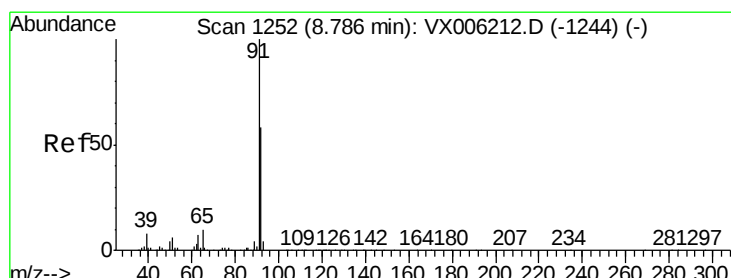
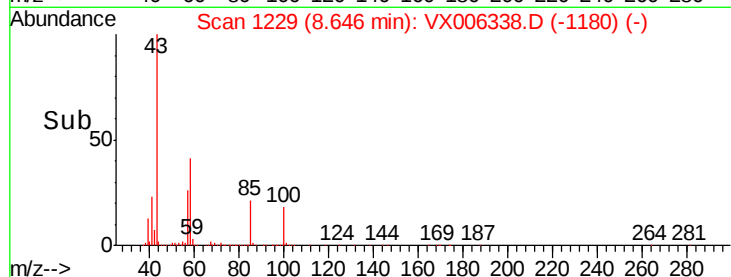
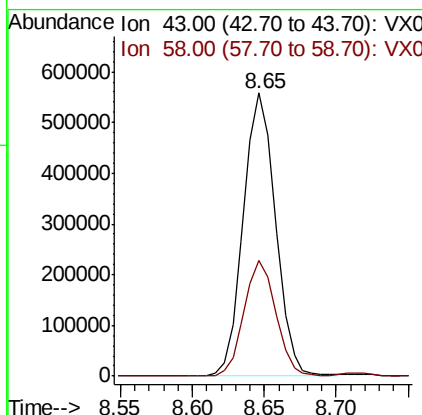
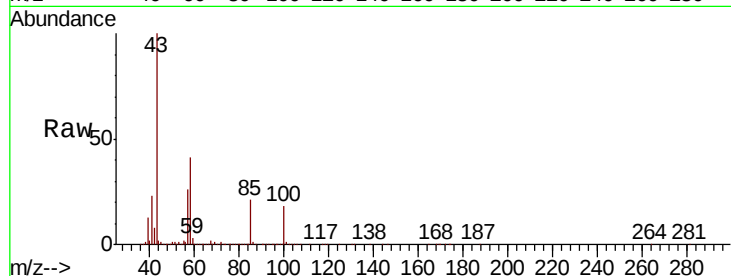
#51
4-Methyl-2-Pentanone
Concen: 93.767 ug/l
RT: 8.65 min Scan# 1229
Delta R.T. 0.00 min
Lab File: VX006338.D
Acq: 07 Dec 2018 11:12

Instrument :
MSVOA_X
ClientSampleId :
VX1207WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
58	40.3	31.3	46.9

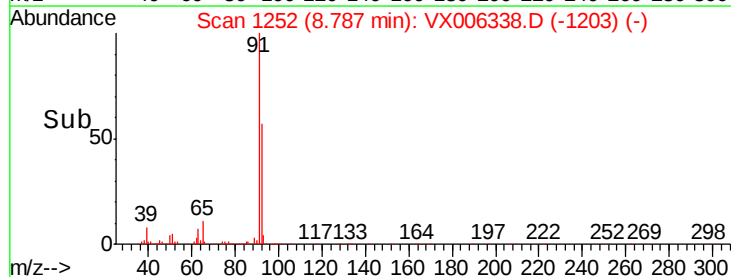
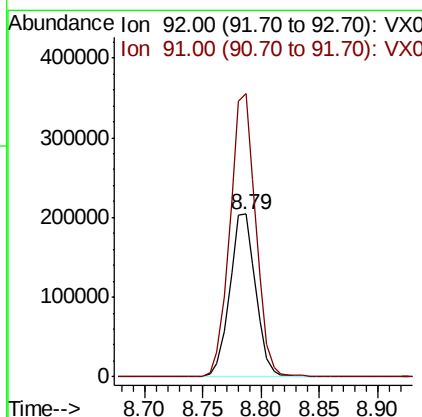
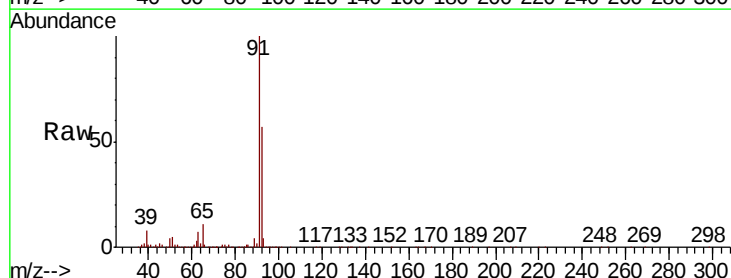
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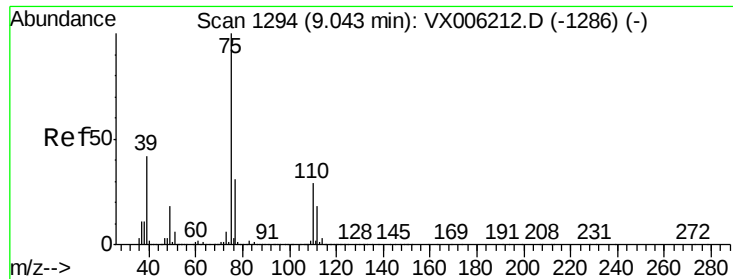
MMDadoda
12/10/2018 9:57:25 AM



#52
Toluene
Concen: 18.914 ug/l
RT: 8.79 min Scan# 1252
Delta R.T. 0.00 min
Lab File: VX006338.D
Acq: 07 Dec 2018 11:12

Tgt Ion	Ratio	Lower	Upper
92	100		
91	173.9	139.2	208.8





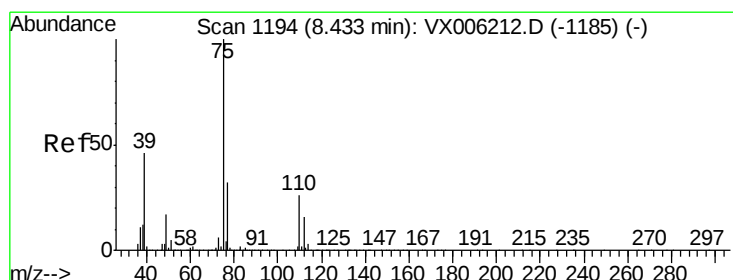
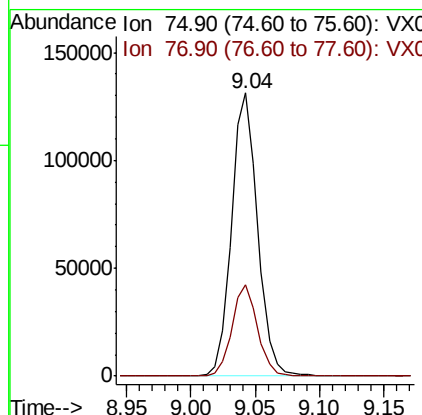
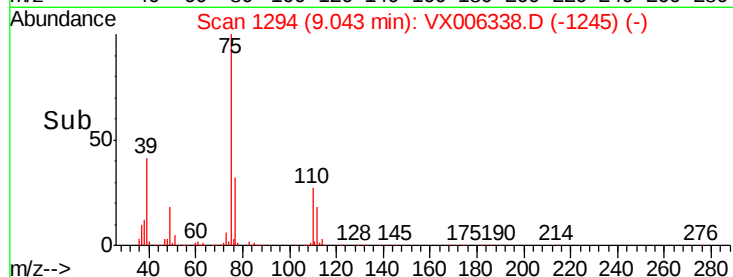
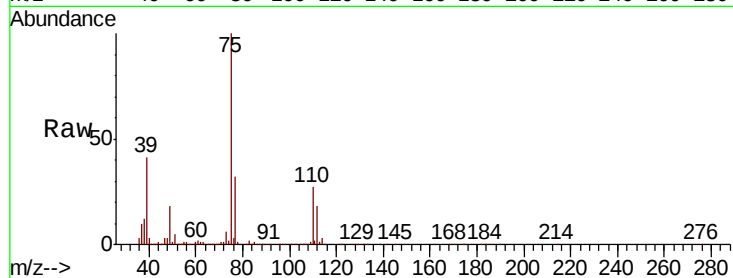
#53
t-1,3-Dichloropropene
Concen: 17.549 ug/l
RT: 9.04 min Scan# 1294
Delta R.T. 0.00 min
Lab File: VX006338.D
Acq: 07 Dec 2018 11:12

Instrument :
MSVOA_X
ClientSampleId :
VX1207WBS01

Tot Ion	Ratio	Lower	Upper
75	100		
77	32.3	25.0	37.4

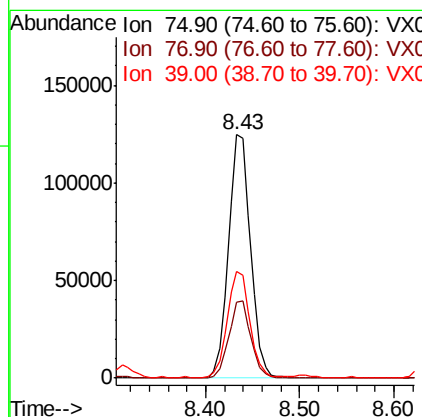
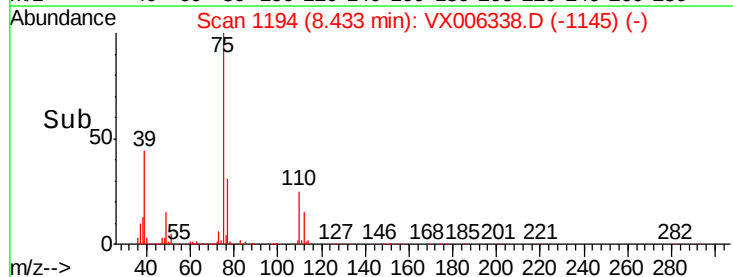
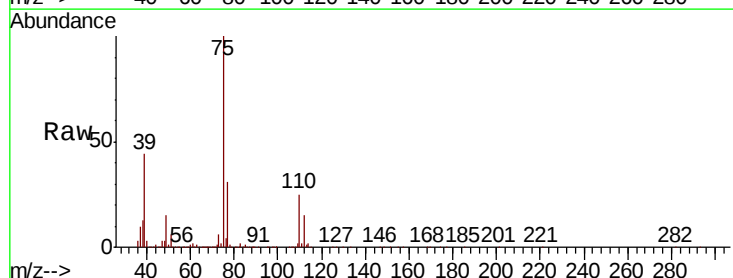
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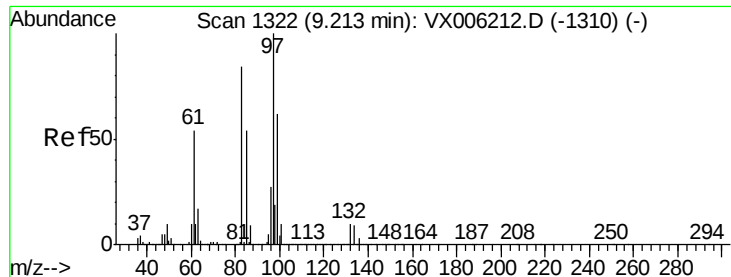
MMDadoda
12/10/2018 9:57:25 AM



#54
cis-1,3-Dichloropropene
Concen: 18.428 ug/l
RT: 8.43 min Scan# 1194
Delta R.T. 0.00 min
Lab File: VX006338.D
Acq: 07 Dec 2018 11:12

Tgt Ion	Ratio	Lower	Upper
75	100		
77	30.9	25.6	38.4
39	43.7	36.5	54.7





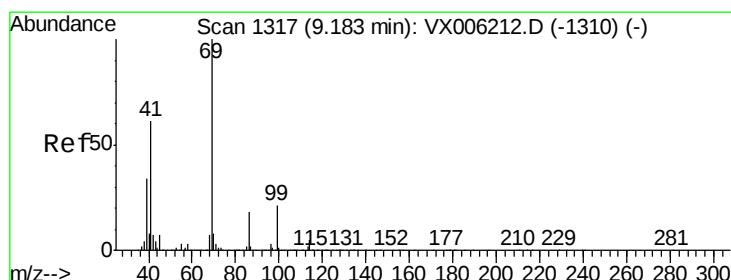
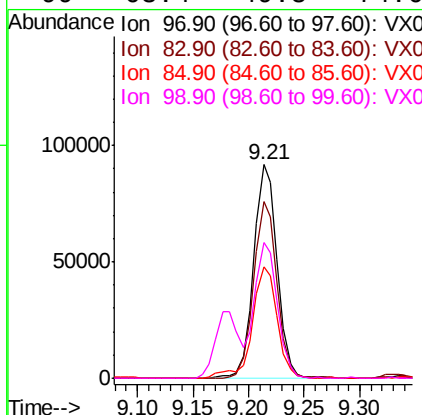
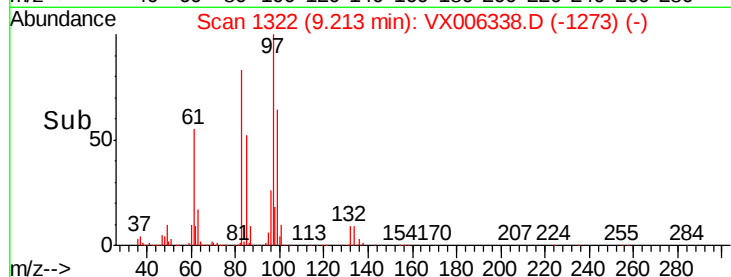
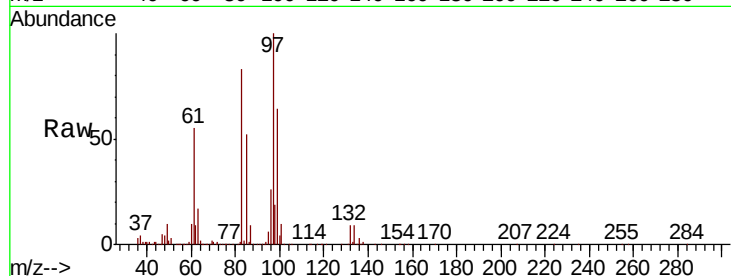
#55
 1,1,2-Trichloroethane
 Concen: 19.828 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. 0.00 min
 Lab File: VX006338.D
 Acq: 07 Dec 2018 11:12

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1207WBS01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		134815		
83	82.6	67.1	100.7		
85	52.1	43.2	64.8		
99	63.4	49.8	74.6		

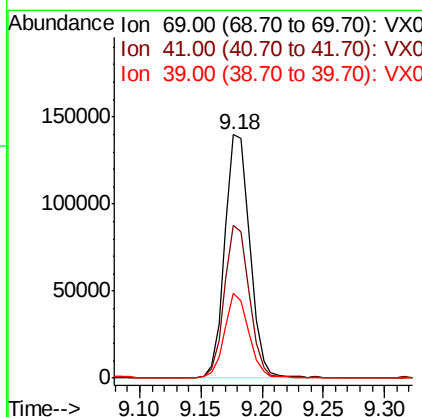
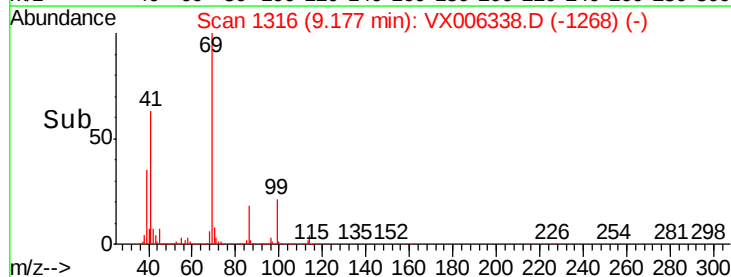
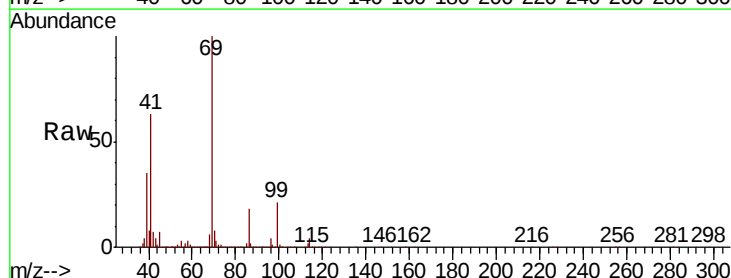
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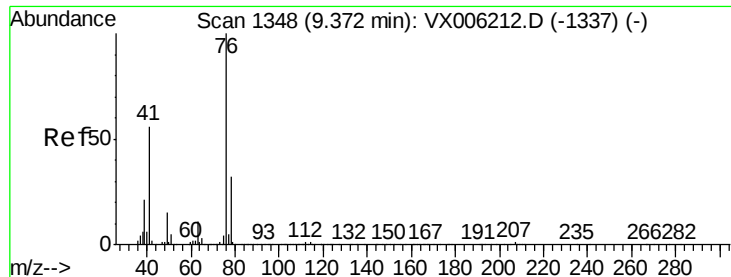
MMDadoda
 12/10/2018 9:57:25 AM



#56
 Ethyl methacrylate
 Concen: 18.656 ug/l
 RT: 9.18 min Scan# 1316
 Delta R.T. -0.01 min
 Lab File: VX006338.D
 Acq: 07 Dec 2018 11:12

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		198306		
41	62.4	50.6	76.0		
39	33.1	27.6	41.4		





#57

1,3-Dichloropropane

Concen: 19.692 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. 0.00 min

Lab File: VX006338.D

Acq: 07 Dec 2018 11:12

Instrument :

MSVOA_X

ClientSampleId :

VX1207WBS01

Tot Ion: 76 Resp: 211723

Ion Ratio Lower Upper

76 100

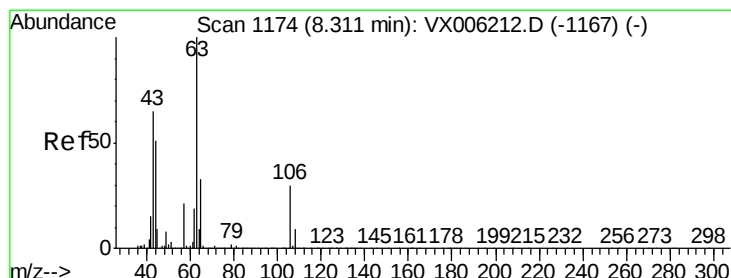
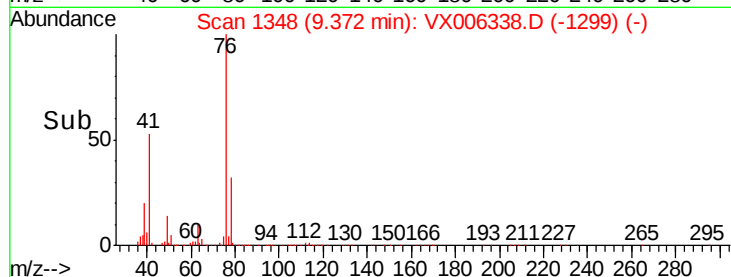
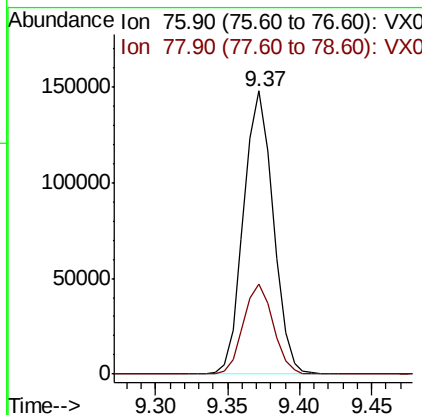
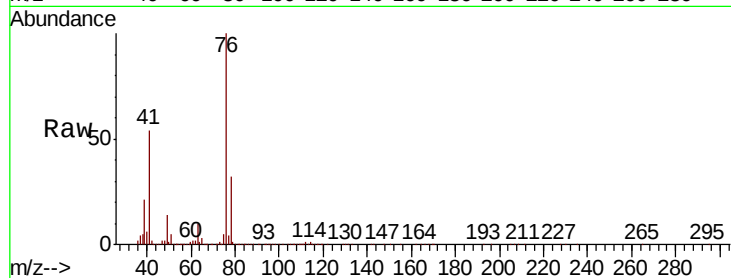
78 32.2 26.1 39.1

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12/10/2018 9:57:25 AM



#58

2-Chloroethyl Vinyl ether

Concen: 92.240 ug/l

RT: 8.31 min Scan# 1174

Delta R.T. 0.00 min

Lab File: VX006338.D

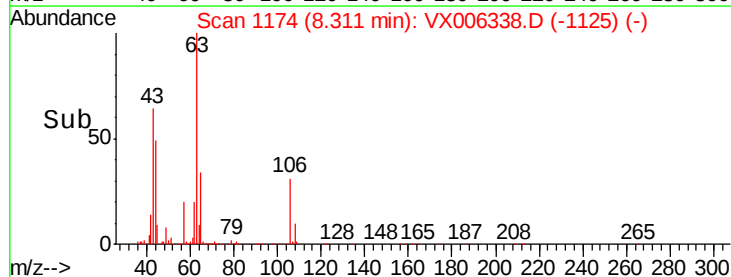
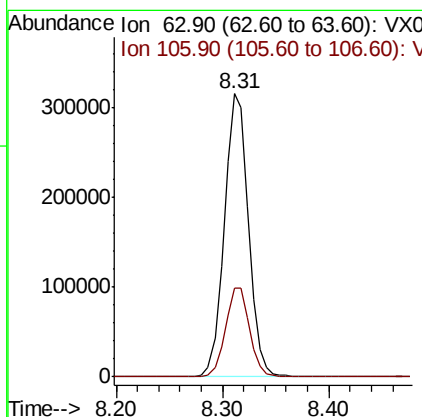
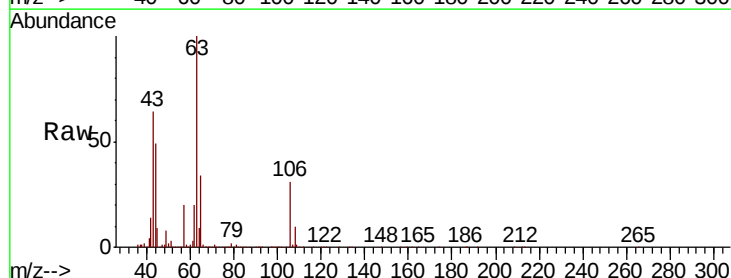
Acq: 07 Dec 2018 11:12

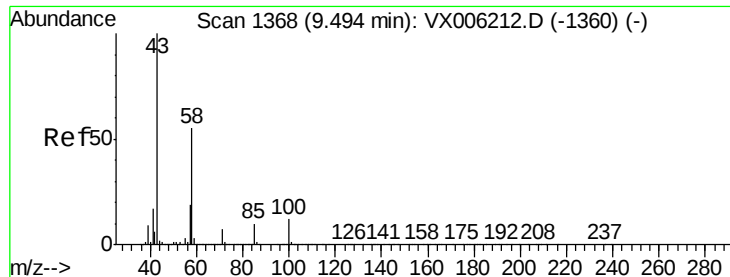
Tgt Ion: 63 Resp: 497530

Ion Ratio Lower Upper

63 100

106 31.6 24.9 37.3





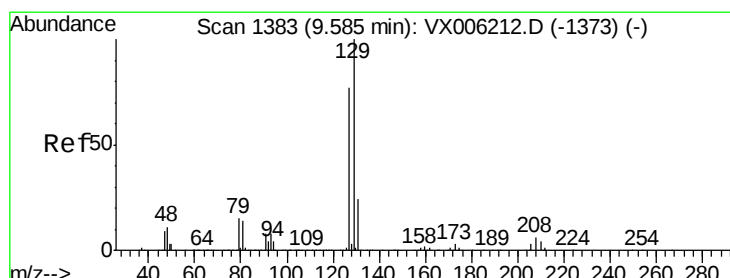
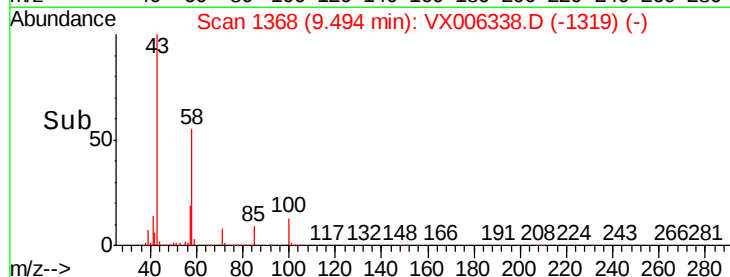
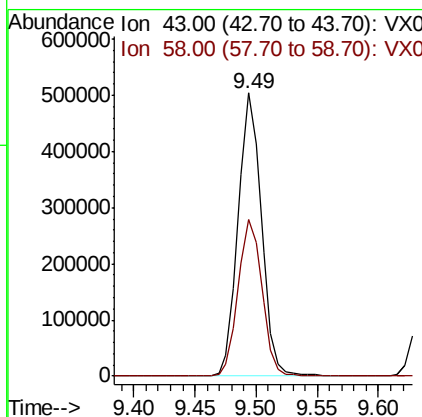
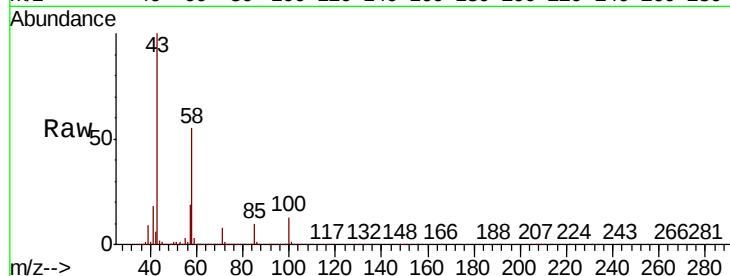
#59
2-Hexanone
Concen: 94.036 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. 0.00 min
Lab File: VX006338.D
Acq: 07 Dec 2018 11:12

Instrument :
MSVOA_X
ClientSampleId :
VX1207WBS01

Tot Ion: 43 Resp: 663267
Ion Ratio Lower Upper
43 100
58 56.6 27.7 83.1

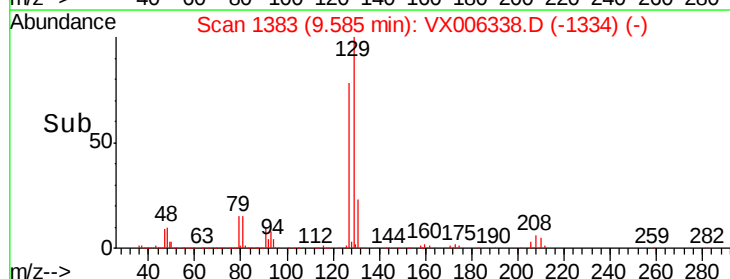
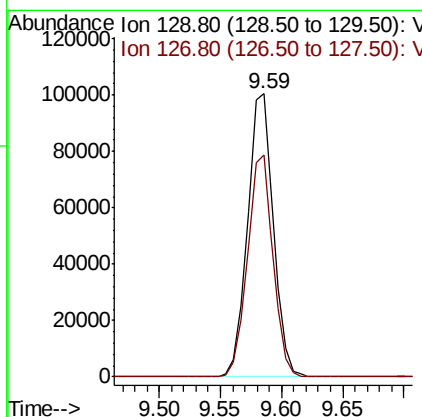
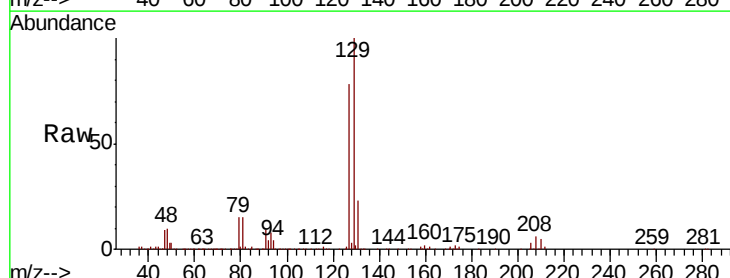
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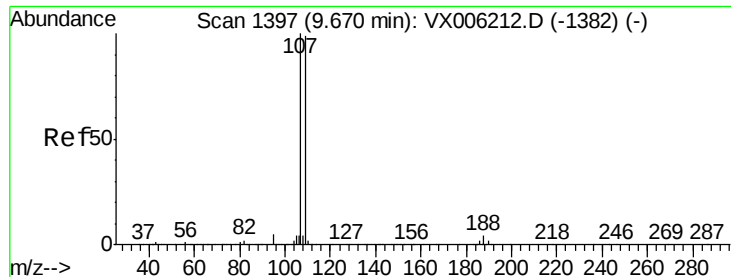
MMDadoda
12/10/2018 9:57:25 AM



#60
Dibromochloromethane
Concen: 17.668 ug/l
RT: 9.59 min Scan# 1383
Delta R.T. 0.00 min
Lab File: VX006338.D
Acq: 07 Dec 2018 11:12

Tgt Ion: 129 Resp: 148134
Ion Ratio Lower Upper
129 100
127 77.4 38.6 115.8





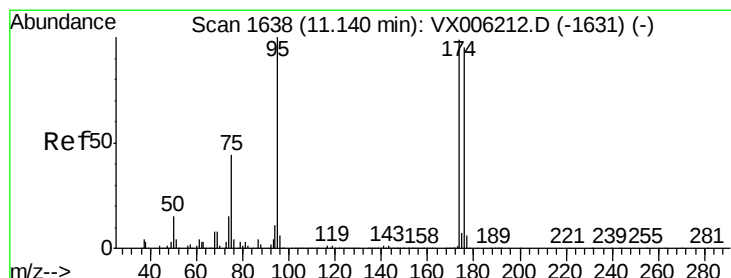
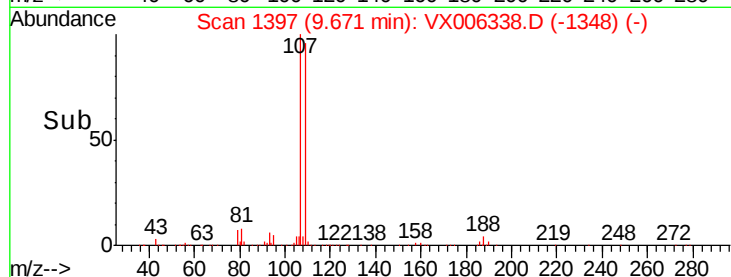
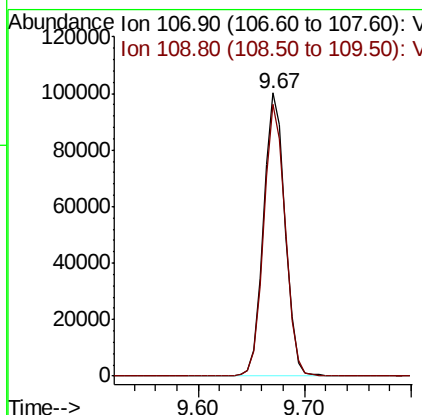
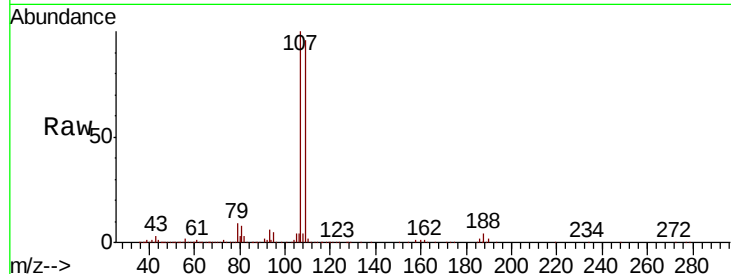
#61
 1,2-Dibromoethane
 Concen: 18.766 ug/l
 RT: 9.67 min Scan# 1397
 Delta R.T. 0.00 min
 Lab File: VX006338.D
 Acq: 07 Dec 2018 11:12

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1207WBS01

Tot Ion	Ratio	Lower	Upper
107	100		
109	95.9	76.3	114.5

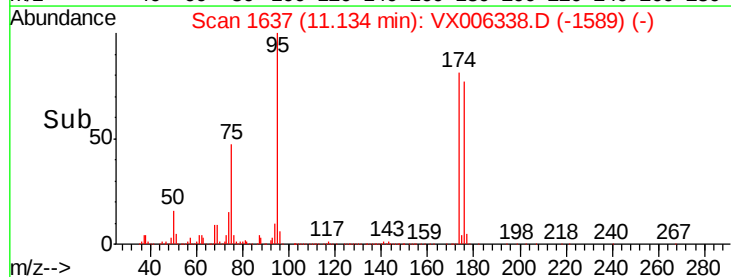
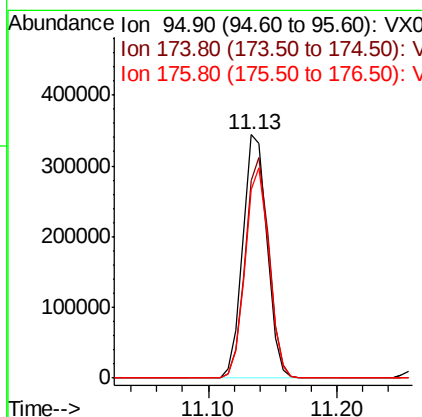
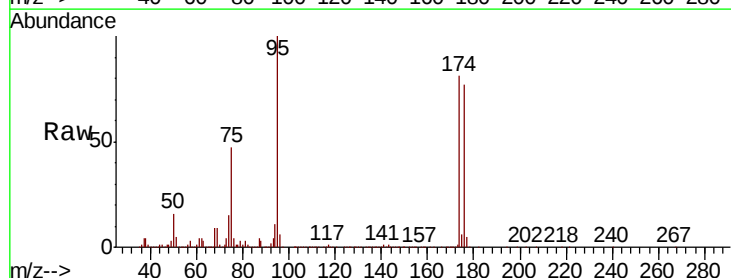
Manual Integrations
 APPROVED

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 12/10/2018 9:57:25 AM



#62
 4-Bromofluorobenzene
 Concen: 49.812 ug/l
 RT: 11.13 min Scan# 1637
 Delta R.T. -0.01 min
 Lab File: VX006338.D
 Acq: 07 Dec 2018 11:12

Tgt Ion	Ratio	Lower	Upper
95	100		
174	88.9	0.0	187.0
176	85.2	0.0	181.8





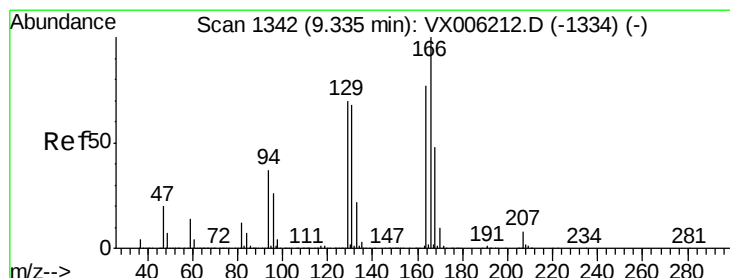
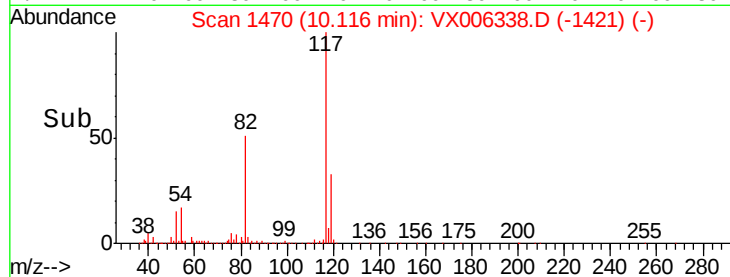
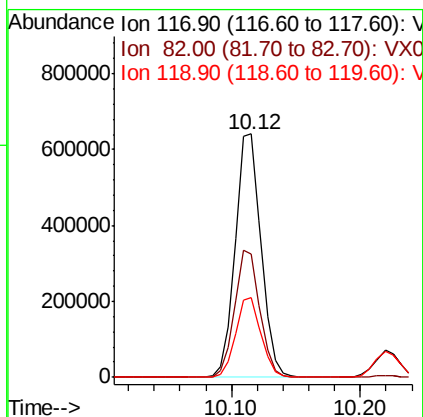
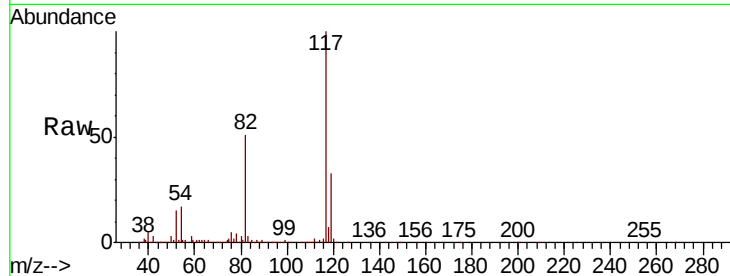
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VX006338.D
Acq: 07 Dec 2018 11:12

Instrument :
MSVOA_X
ClientSampleId :
VX1207WBS01

Tot Ion	Ratio	Resp	Lower	Upper
117	100	893994		
82	50.6		39.6	59.4
119	32.9		26.3	39.5

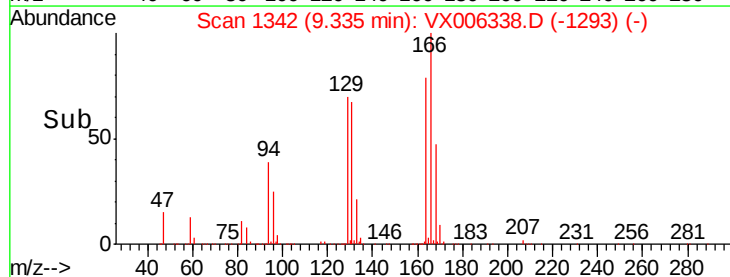
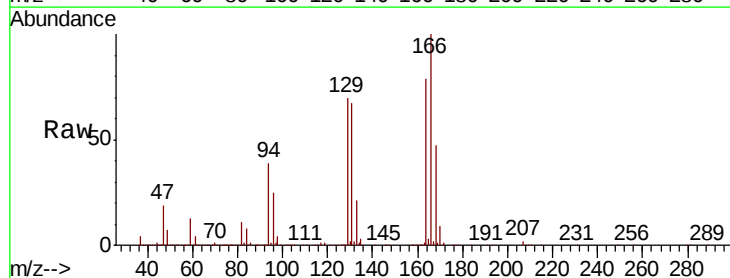
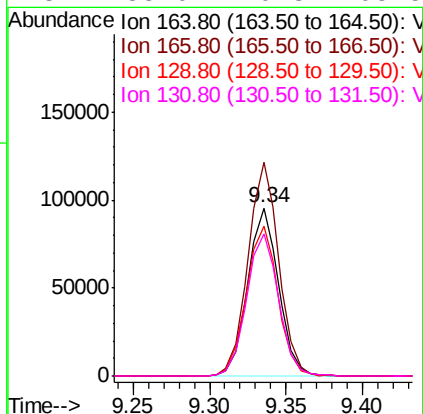
Manual Integrations
APPROVED

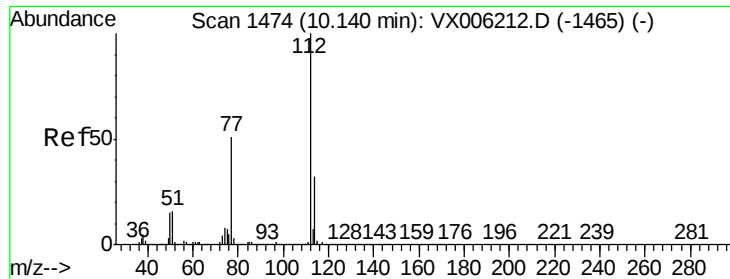
MMDadoda
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#64
Tetrachloroethene
Concen: 19.789 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX006338.D
Acq: 07 Dec 2018 11:12

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	133232		
166	127.4		104.2	156.2
129	89.7		72.6	108.8
131	85.0		70.3	105.5





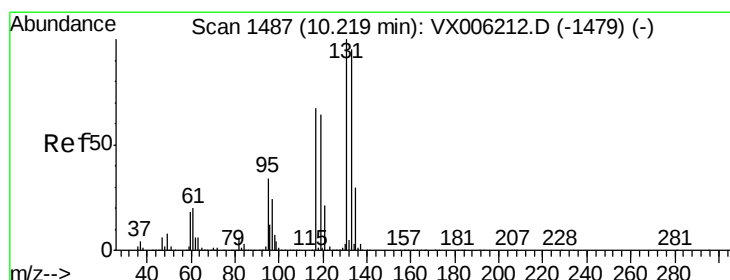
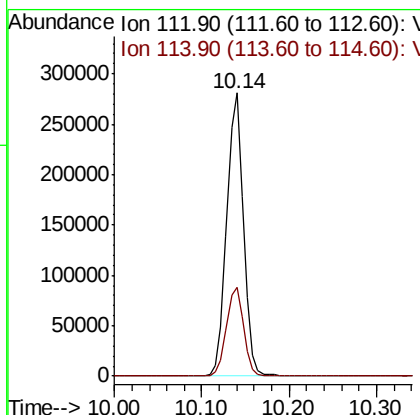
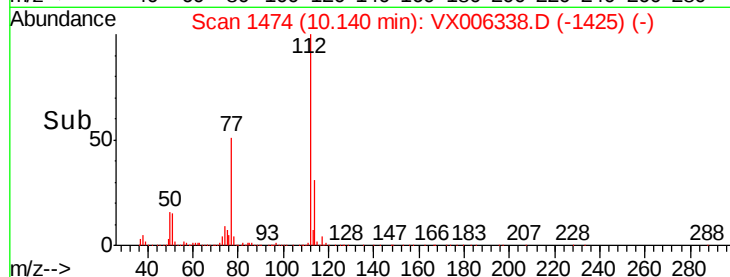
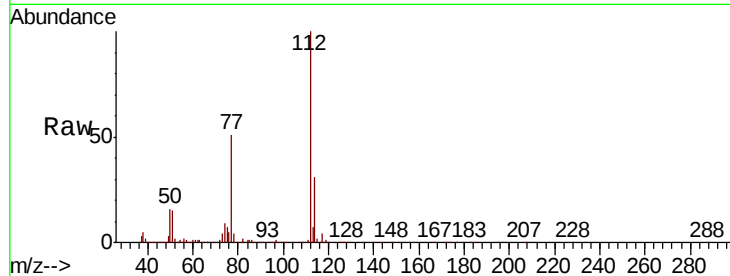
#65
Chlorobenzene
Concen: 19.654 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. 0.00 min
Lab File: VX006338.D
Acq: 07 Dec 2018 11:12

Instrument :
MSVOA_X
ClientSampleId :
VX1207WBS01

Tot Ion:112 Resp: 372989
Ion Ratio Lower Upper
112 100
114 31.3 25.4 38.2

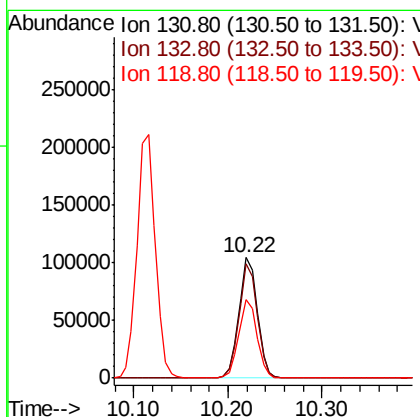
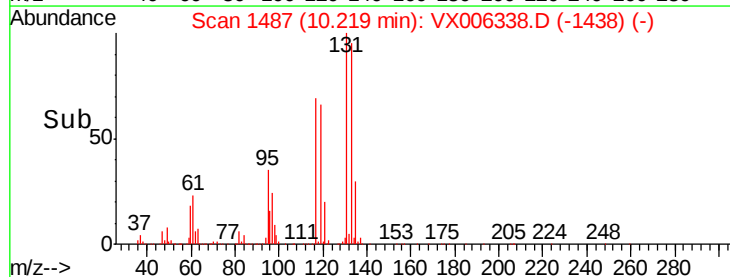
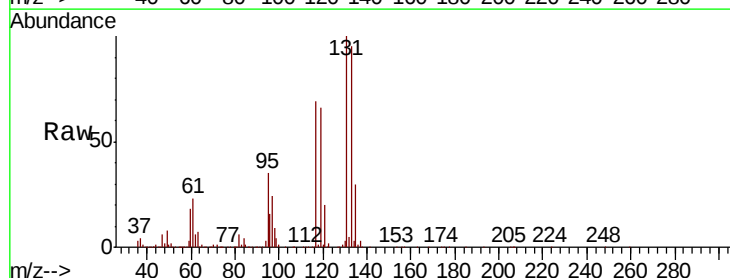
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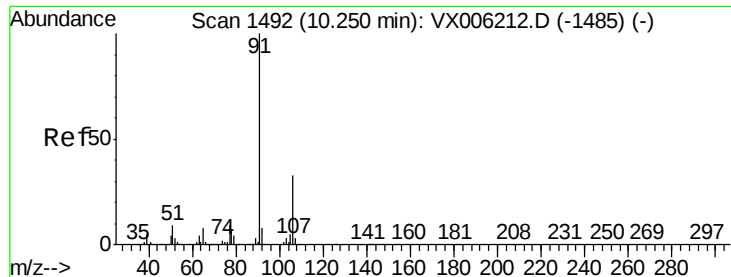
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#66
1,1,1,2-Tetrachloroethane
Concen: 19.285 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VX006338.D
Acq: 07 Dec 2018 11:12

Tgt Ion:131 Resp: 142198
Ion Ratio Lower Upper
131 100
133 94.2 48.1 144.4
119 64.7 32.1 96.3





#67

Ethyl Benzene

Concen: 19.409 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. 0.00 min

Lab File: VX006338.D

Acq: 07 Dec 2018 11:12

Instrument :

MSVOA_X

ClientSampleId :

VX1207WBS01

Tot Ion: 91 Resp: 612601

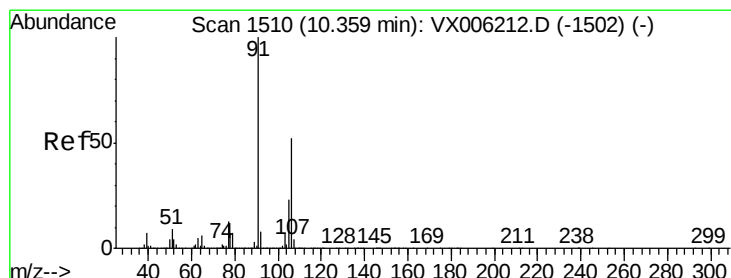
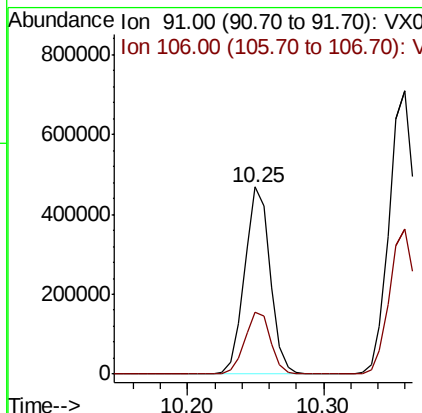
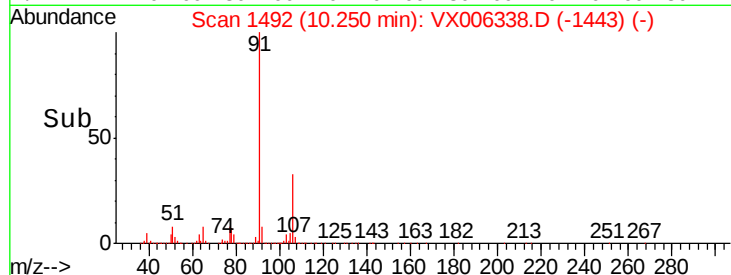
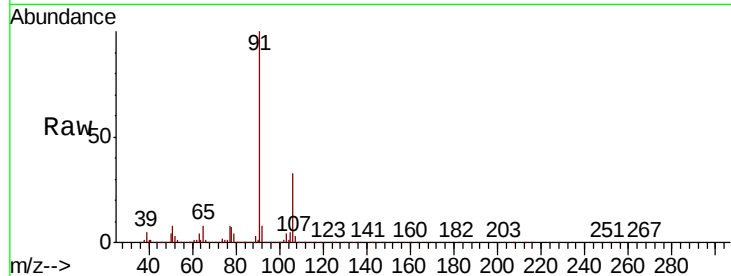
Ion Ratio Lower Upper

91 100

106 33.5 26.5 39.7

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#68

m/p-Xylenes

Concen: 39.141 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. 0.00 min

Lab File: VX006338.D

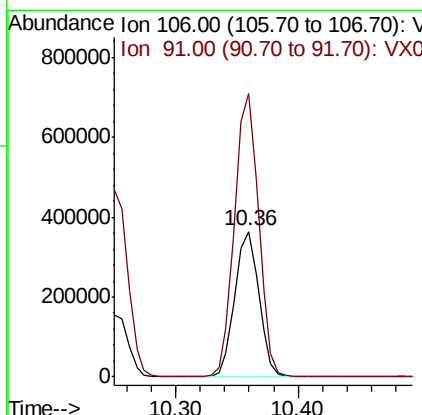
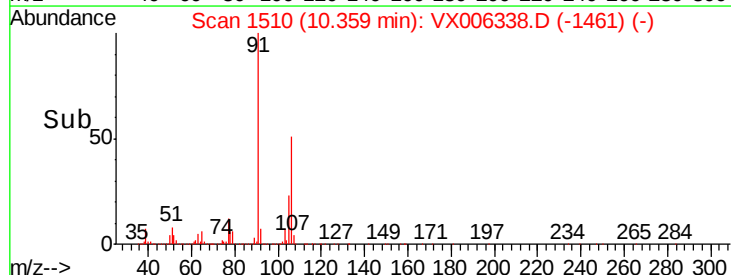
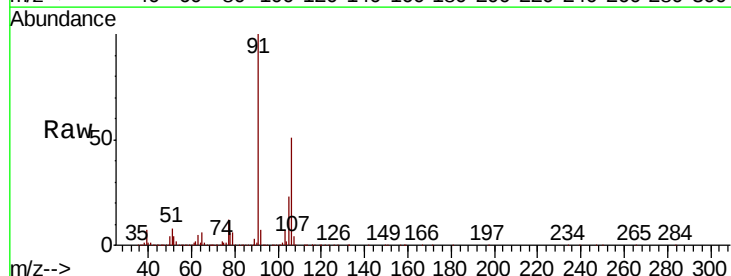
Acq: 07 Dec 2018 11:12

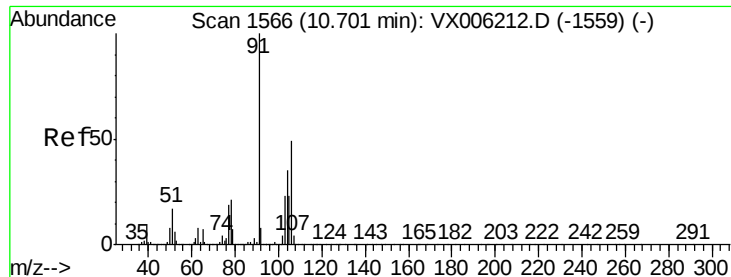
Tgt Ion: 106 Resp: 494879

Ion Ratio Lower Upper

106 100

91 194.1 155.2 232.8





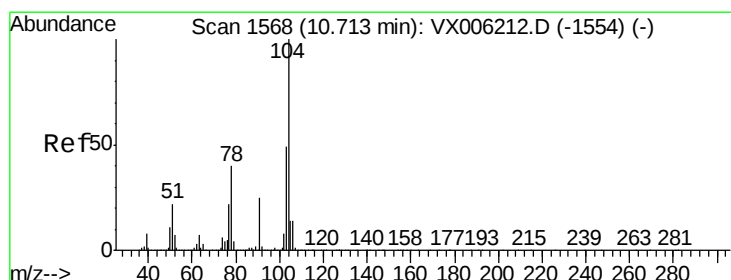
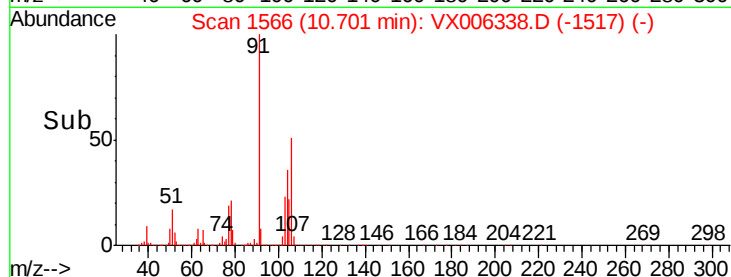
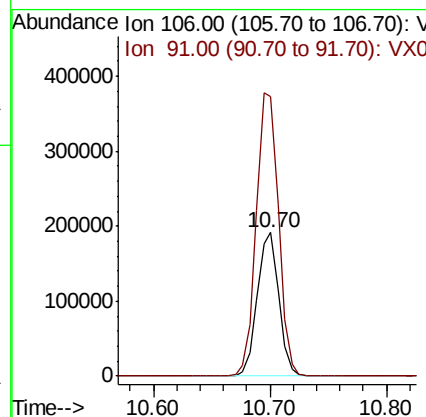
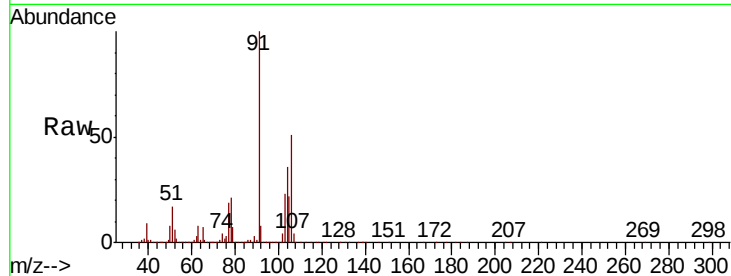
#69
o-Xylene
Concen: 19.830 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. 0.00 min
Lab File: VX006338.D
Acq: 07 Dec 2018 11:12

Instrument :
MSVOA_X
ClientSampleId :
VX1207WBS01

Tot Ion	Ratio	Lower	Upper
106	100		
91	204.4	101.8	305.6

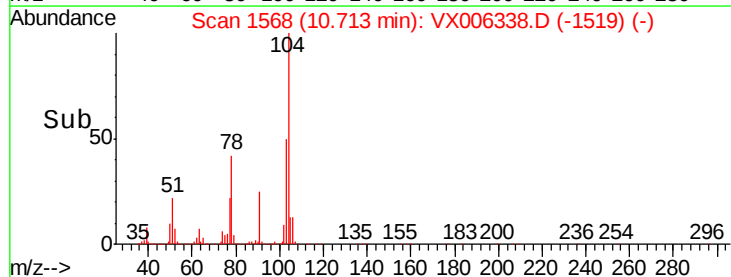
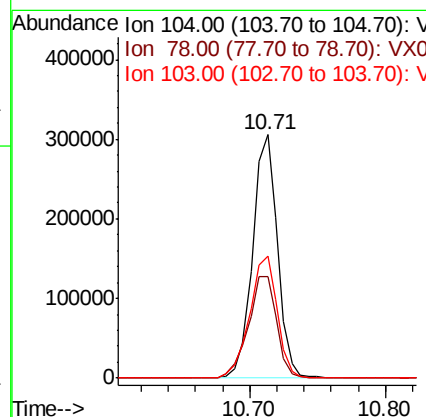
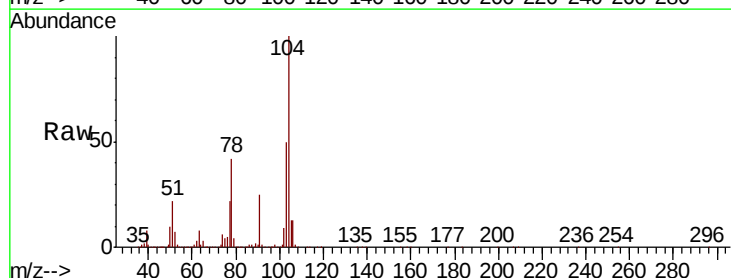
Manual Integrations
APPROVED

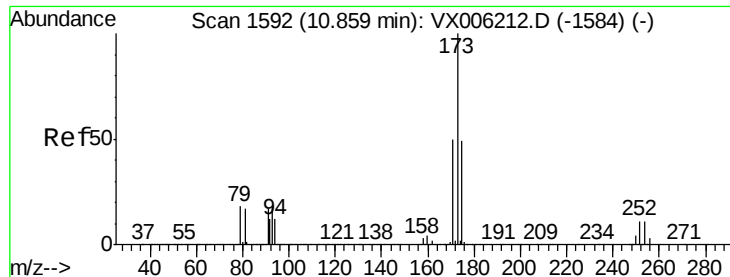
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#70
Styrene
Concen: 19.396 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX006338.D
Acq: 07 Dec 2018 11:12

Tgt Ion	Ratio	Lower	Upper
104	100		
78	47.7	37.2	55.8
103	55.4	43.5	65.3





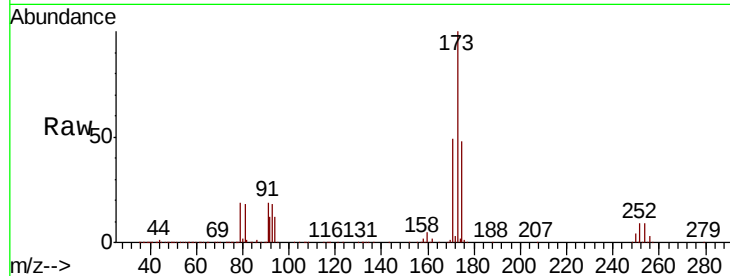
#71
Bromoform
Concen: 16.788 ug/l
RT: 10.86 min Scan# 1592
Delta R.T. 0.00 min
Lab File: VX006338.D
Acq: 07 Dec 2018 11:12

Instrument :
MSVOA_X
ClientSampleId :
VX1207WBS01

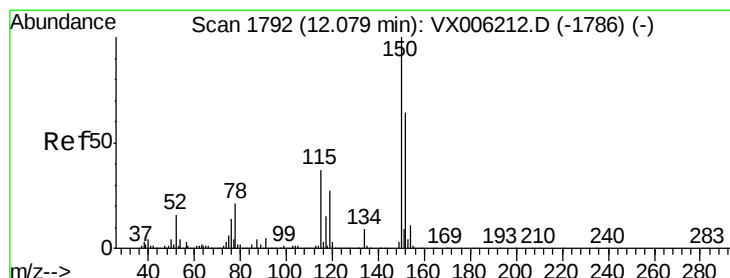
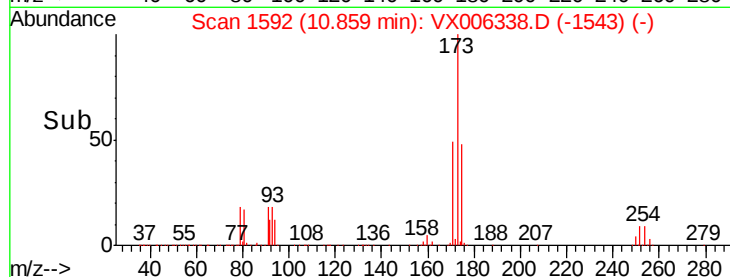
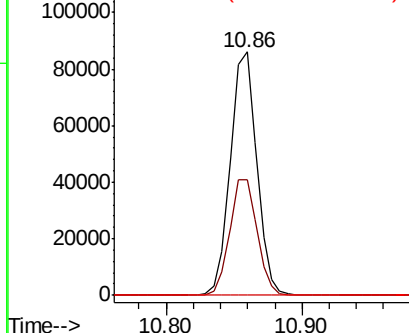
Tot Ion	Ratio	Lower	Upper
173	100		
175	49.2	24.6	73.8
254	0.1	0.2	0.2#

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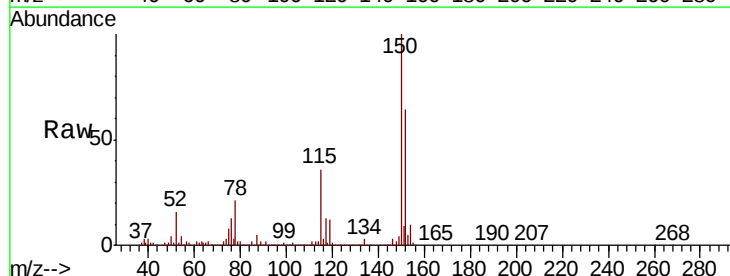


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

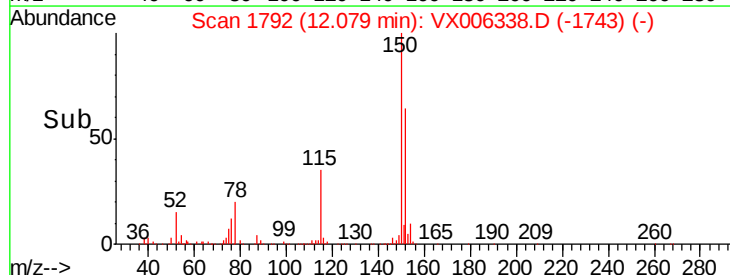
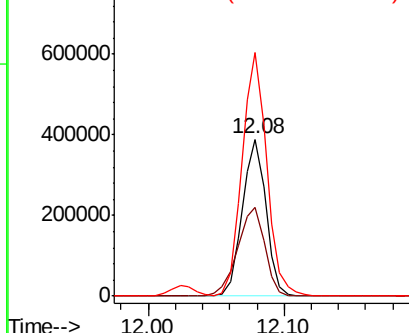


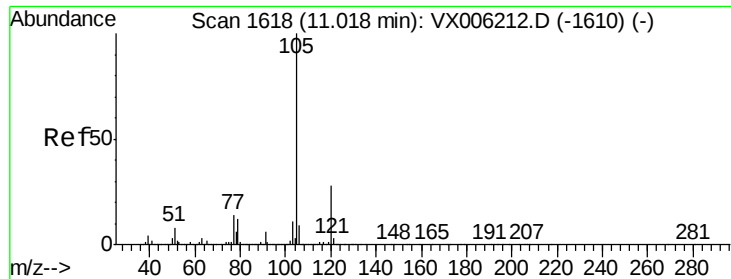
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX006338.D
Acq: 07 Dec 2018 11:12

Tgt Ion	Ratio	Lower	Upper
152	100		
115	64.7	39.0	116.9
150	162.4	0.0	345.8



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 19.801 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX006338.D

Acq: 07 Dec 2018 11:12

Instrument :

MSVOA_X

ClientSampleId :

VX1207WBS01

Tot Ion:105 Resp: 641645

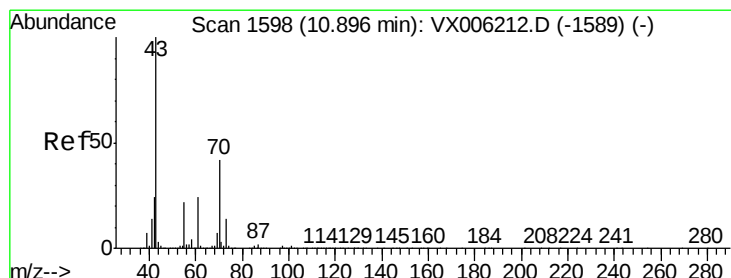
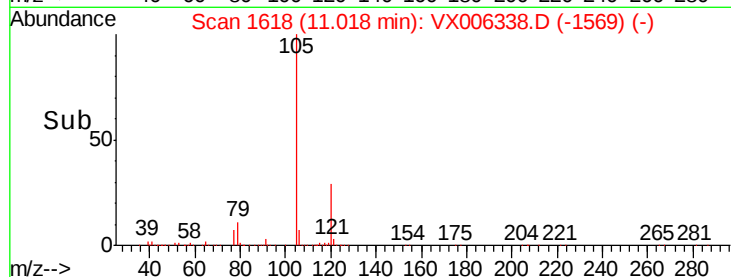
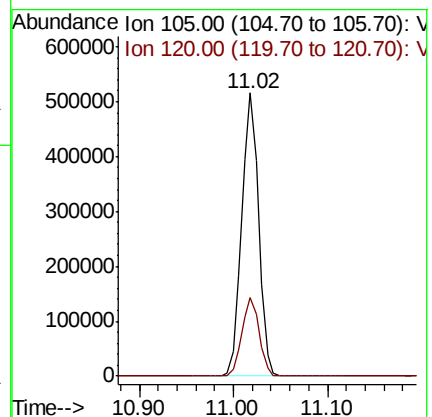
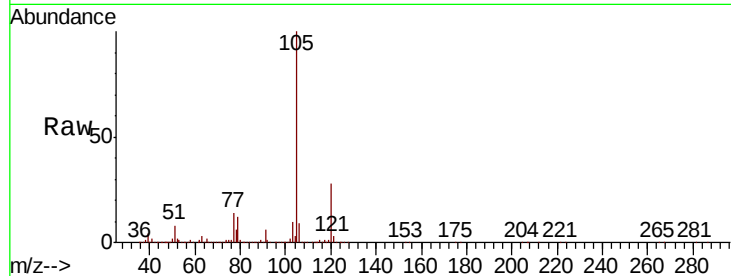
Ion Ratio Lower Upper

105 100

120 28.2 14.1 42.3

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#74

N-ethyl acetate

Concen: 18.170 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. 0.00 min

Lab File: VX006338.D

Acq: 07 Dec 2018 11:12

Tgt Ion: 43 Resp: 253544

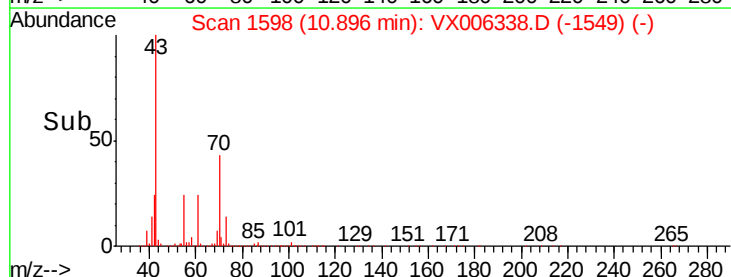
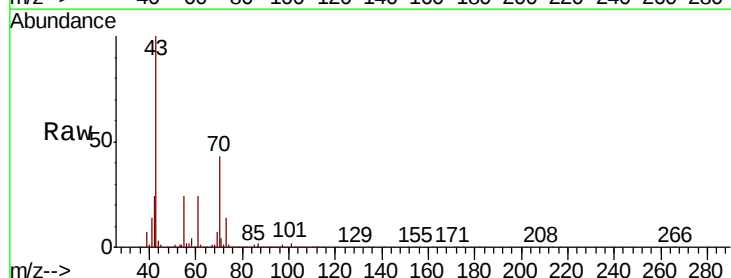
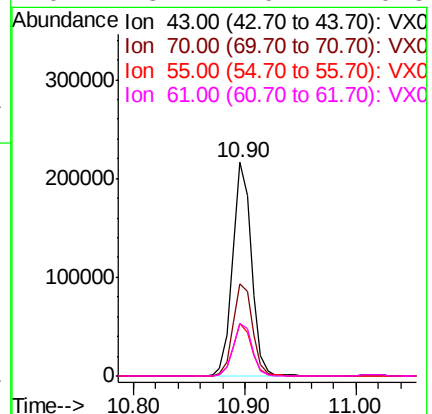
Ion Ratio Lower Upper

43 100

70 44.6 34.1 51.1

55 24.0 17.8 26.8

61 25.1 19.7 29.5





#75

1,1,2,2-Tetrachloroethane

Concen: 19.699 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. 0.00 min

Lab File: VX006338.D

Acq: 07 Dec 2018 11:12

Instrument :

MSVOA_X

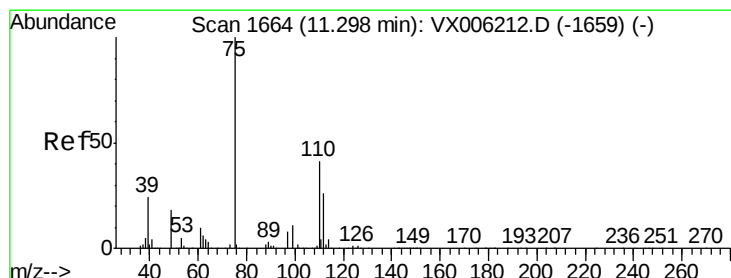
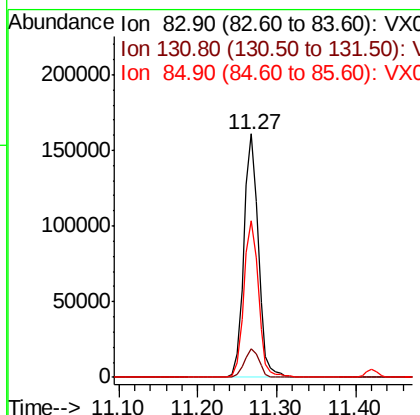
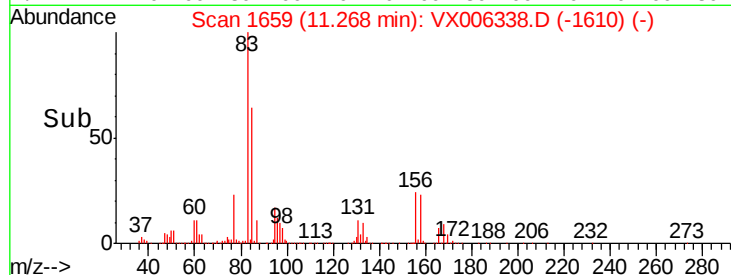
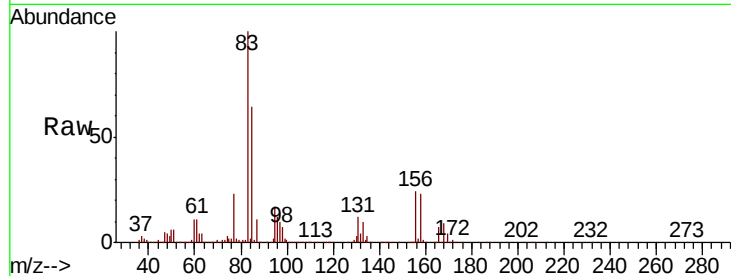
ClientSampleId :

VX1207WBS01

Tot Ion:	83	Resp:	204214
Ion Ratio	Lower	Upper	
83	100		
131	11.9	5.7	17.1
85	65.5	32.1	96.5

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 21.653 ug/l m

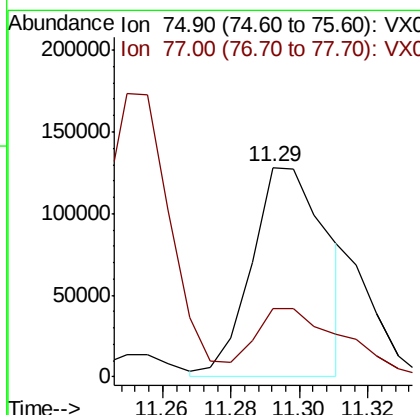
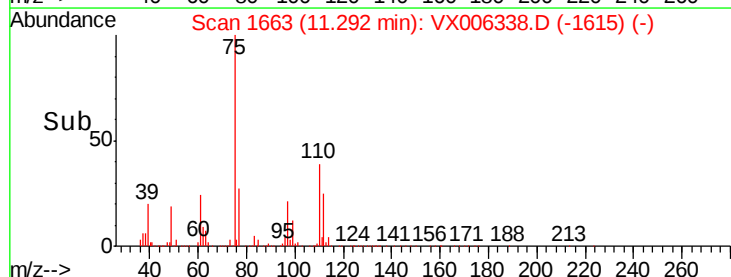
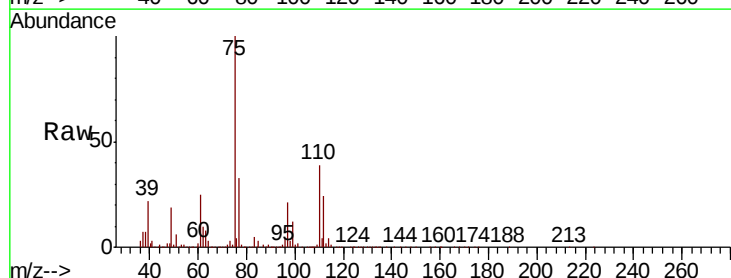
RT: 11.29 min Scan# 1663

Delta R.T. -0.01 min

Lab File: VX006338.D

Acq: 07 Dec 2018 11:12

Tgt Ion:	75	Resp:	196114
Ion Ratio	Lower	Upper	
75	100		
77	38.2	19.9	59.7





#77

Bromobenzene

Concen: 19.646 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. 0.00 min

Lab File: VX006338.D

Acq: 07 Dec 2018 11:12

Instrument :

MSVOA_X

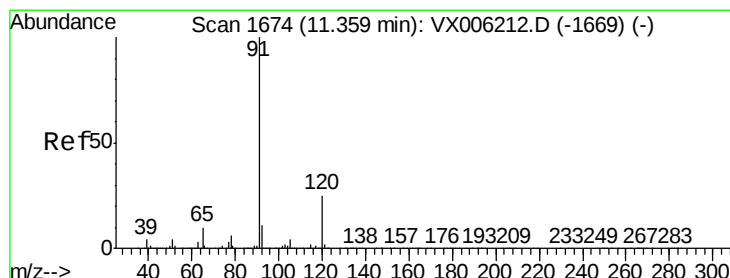
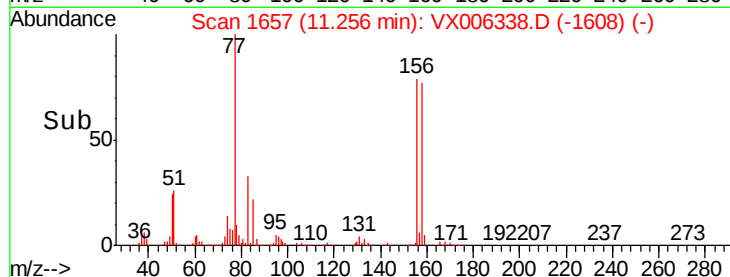
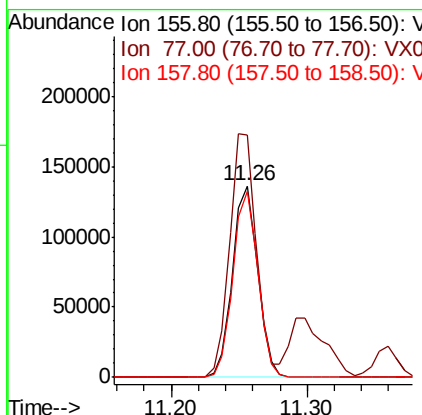
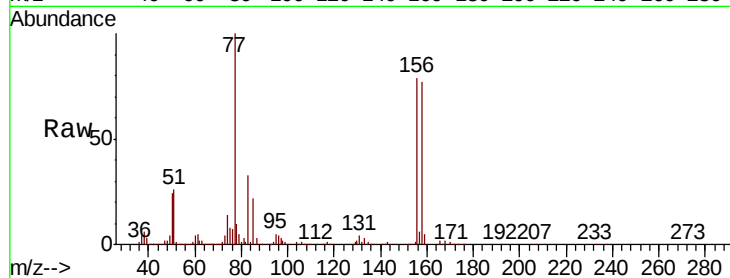
ClientSampleId :

VX1207WBS01

Tot Ion:	156	Resp:	176677
Ion Ratio	Lower	Upper	
156	100		
77	134.0	66.2	198.6
158	96.1	48.8	146.4

Manual Integrations
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#78

n-propylbenzene

Concen: 19.711 ug/l

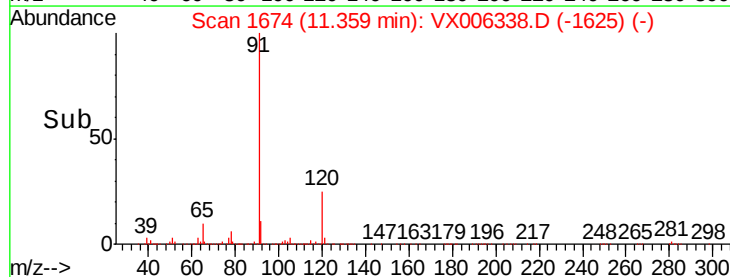
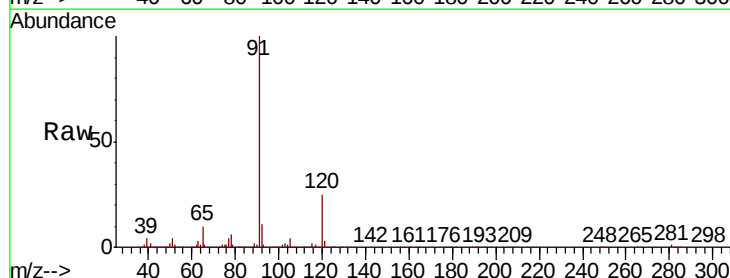
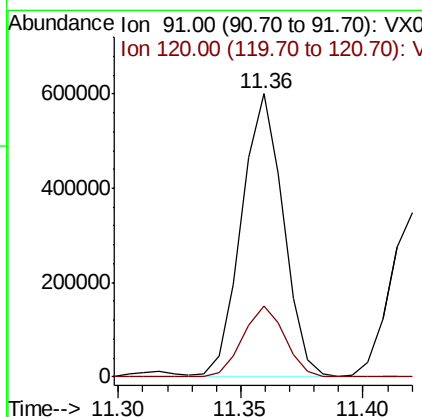
RT: 11.36 min Scan# 1674

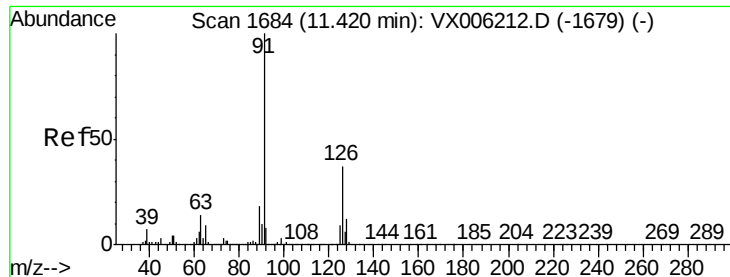
Delta R.T. 0.00 min

Lab File: VX006338.D

Acq: 07 Dec 2018 11:12

Tgt Ion:	91	Resp:	709996
Ion Ratio	Lower	Upper	
91	100		
120	25.5	12.7	38.0





#79

2-Chlorotoluene

Concen: 19.983 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. 0.00 min

Lab File: VX006338.D

Acq: 07 Dec 2018 11:12

Instrument :

MSVOA_X

ClientSampleId :

VX1207WBS01

Tot Ion: 91 Resp: 427831

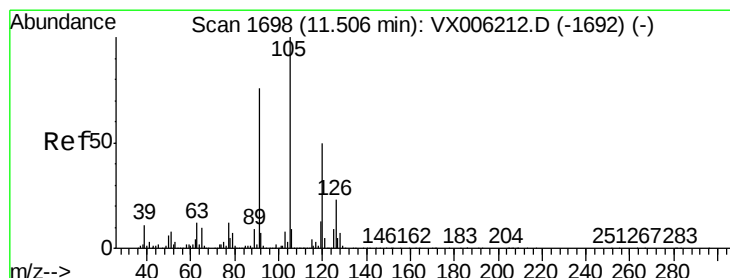
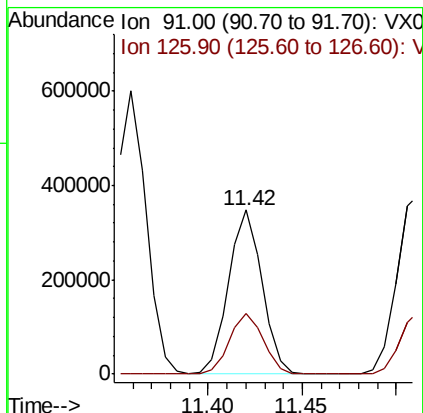
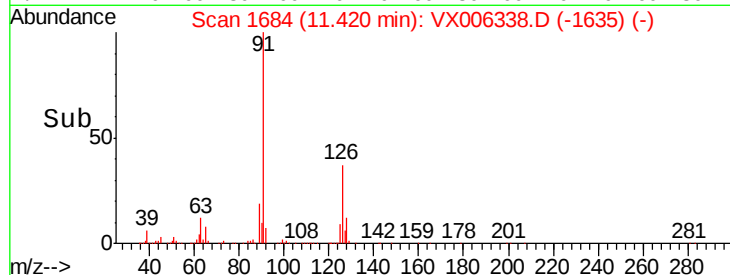
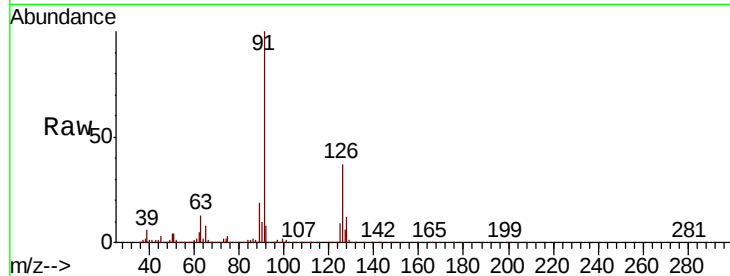
Ion Ratio Lower Upper

91 100

126 37.7 18.6 56.0

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#80

1,3,5-Trimethylbenzene

Concen: 19.747 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX006338.D

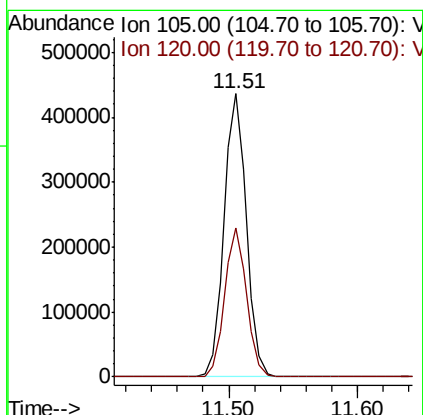
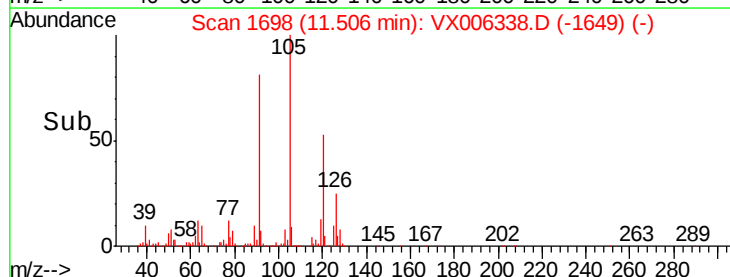
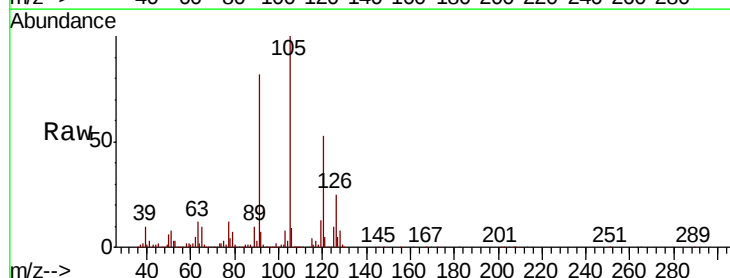
Acq: 07 Dec 2018 11:12

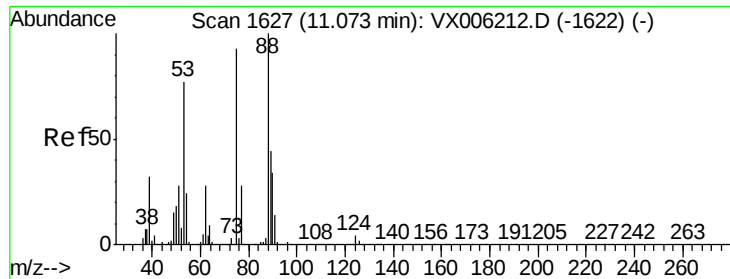
Tgt Ion: 105 Resp: 532406

Ion Ratio Lower Upper

105 100

120 51.8 25.4 76.0





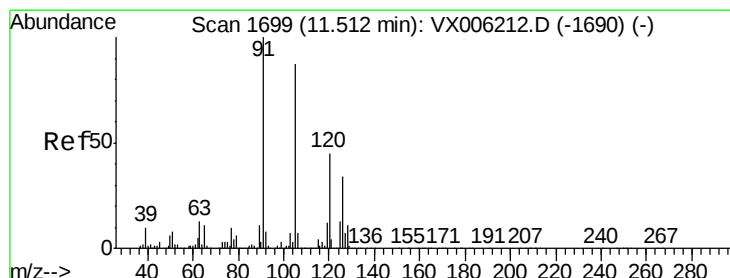
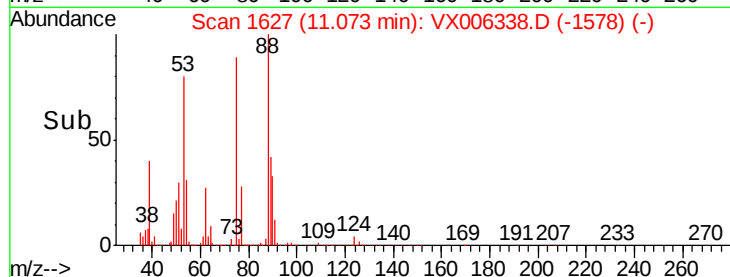
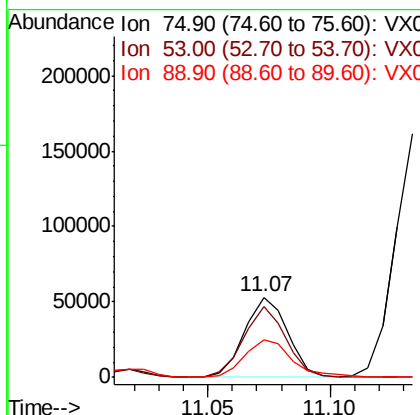
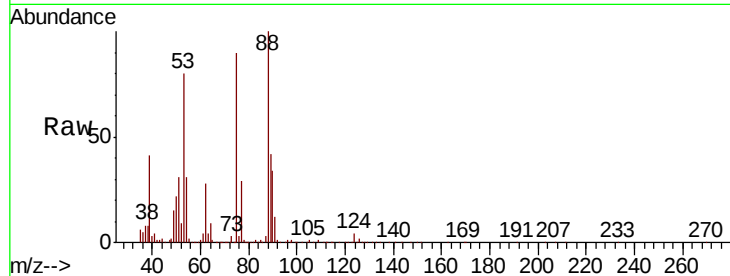
#81
trans-1,4-Dichloro-2-butene
Concen: 16.952 ug/l
RT: 11.07 min Scan# 1627
Delta R.T. 0.00 min
Lab File: VX006338.D
Acq: 07 Dec 2018 11:12

Instrument :
MSVOA_X
ClientSampleId :
VX1207WBS01

Tot Ion	Ratio	Lower	Upper
75	100		
53	87.2	64.4	96.6
89	51.4	44.2	66.4

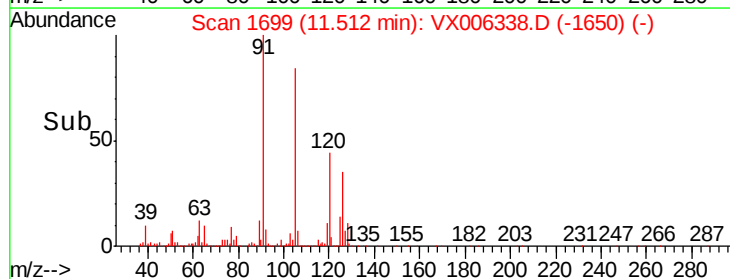
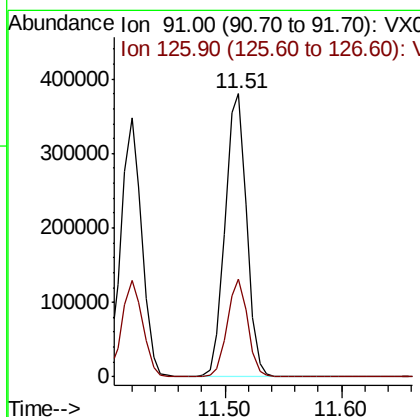
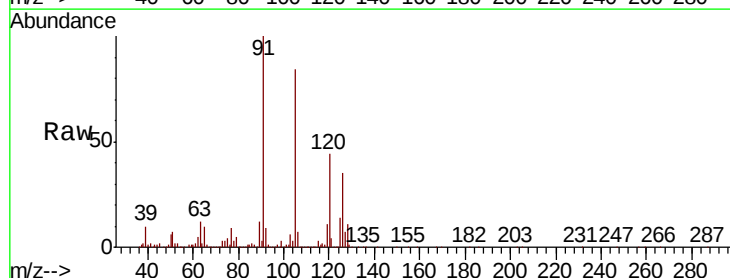
Manual Integrations
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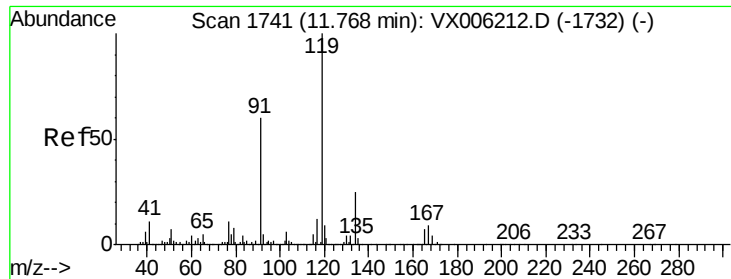
MMDadoda
12/10/2018 9:57:25 AM



#82
4-Chlorotoluene
Concen: 19.559 ug/l
RT: 11.51 min Scan# 1699
Delta R.T. 0.00 min
Lab File: VX006338.D
Acq: 07 Dec 2018 11:12

Tgt Ion	Ratio	Lower	Upper
91	100		
126	33.1	16.4	49.4





#83

tert-Butylbenzene

Concen: 19.801 ug/l

RT: 11.77 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VX006338.D

Acq: 07 Dec 2018 11:12

Instrument :

MSVOA_X

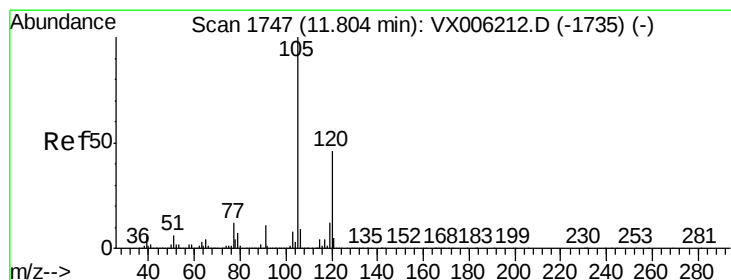
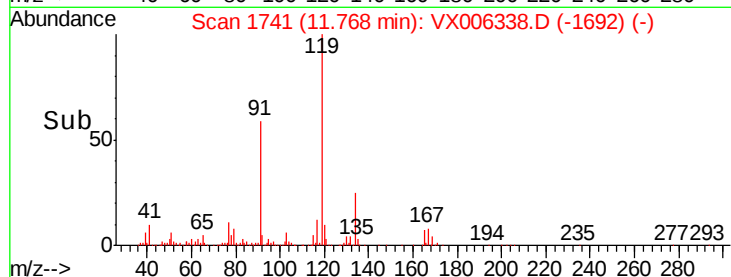
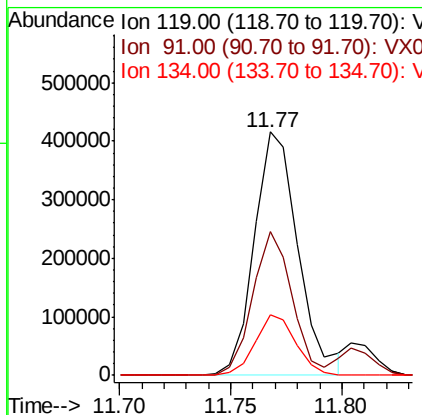
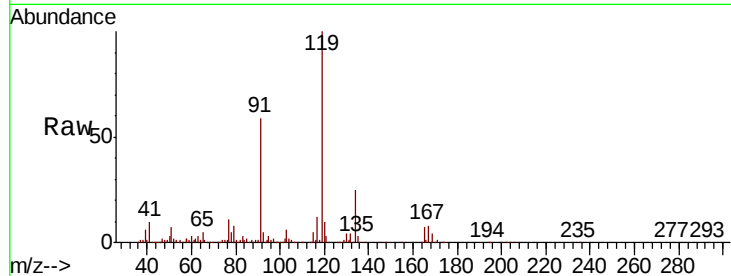
ClientSampleId :

VX1207WBS01

Tot Ion:	119	Resp:	569604
Ion Ratio	Lower	Upper	
119	100		
91	53.4	26.4	79.2
134	23.0	11.6	34.7

Manual Integrations
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#84

1,2,4-Trimethylbenzene

Concen: 19.875 ug/l

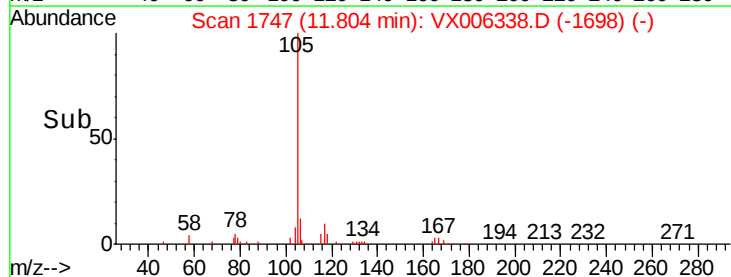
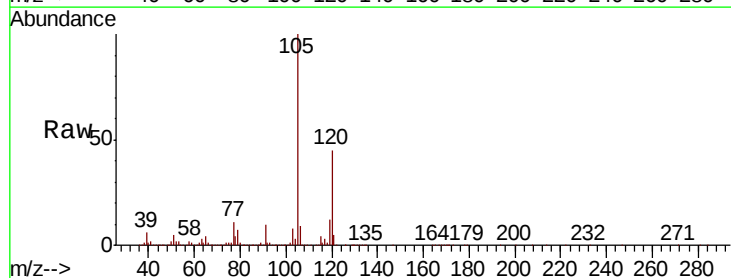
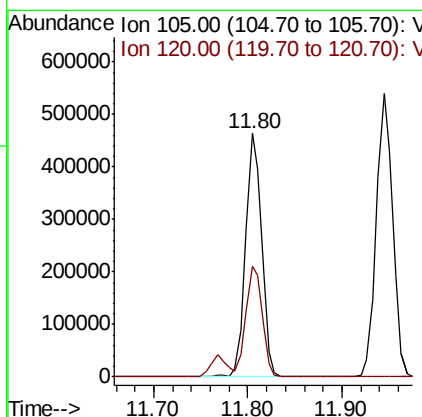
RT: 11.80 min Scan# 1747

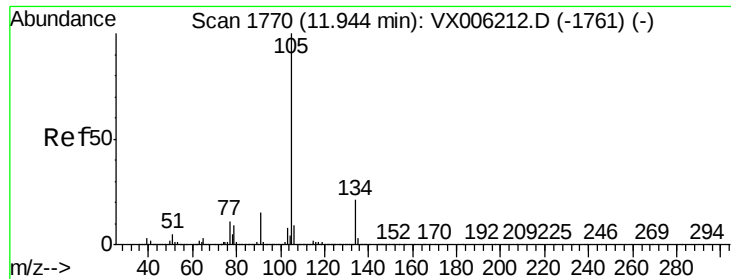
Delta R.T. 0.00 min

Lab File: VX006338.D

Acq: 07 Dec 2018 11:12

Tgt Ion:	105	Resp:	553321
Ion Ratio	Lower	Upper	
105	100		
120	46.1	23.4	70.0





#85

sec-Butylbenzene

Concen: 19.927 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. 0.00 min

Lab File: VX006338.D

Acq: 07 Dec 2018 11:12

Instrument :

MSVOA_X

ClientSampleId :

VX1207WBS01

Tot Ion:105 Resp: 652147

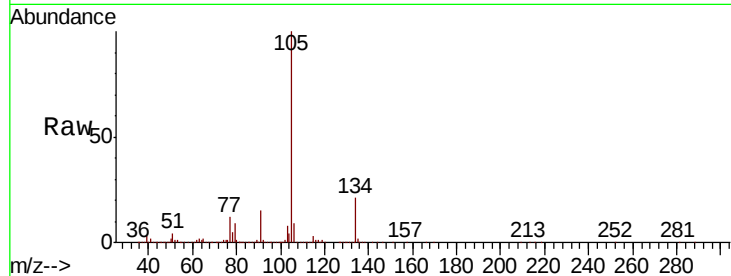
Ion Ratio Lower Upper

105 100

134 21.9 10.8 32.4

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

11.94

600000

500000

400000

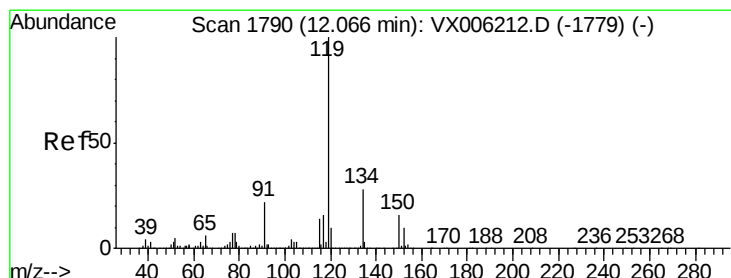
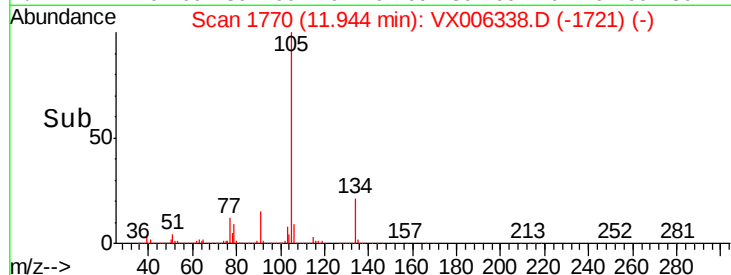
300000

200000

100000

0

Time--> 11.85 11.90 11.95 12.00



#86

p-Isopropyltoluene

Concen: 19.759 ug/l

RT: 12.07 min Scan# 1790

Delta R.T. 0.00 min

Lab File: VX006338.D

Acq: 07 Dec 2018 11:12

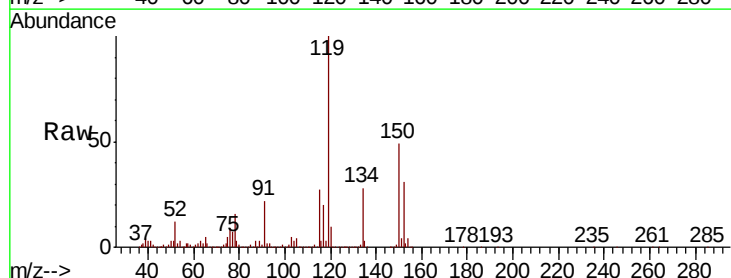
Tgt Ion:119 Resp: 582294

Ion Ratio Lower Upper

119 100

134 28.0 13.9 41.6

91 22.6 11.3 33.8



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

12.07

600000

500000

400000

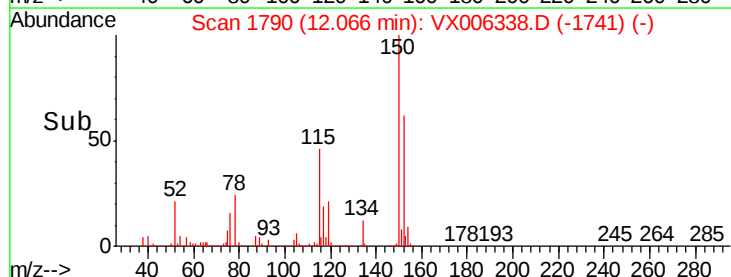
300000

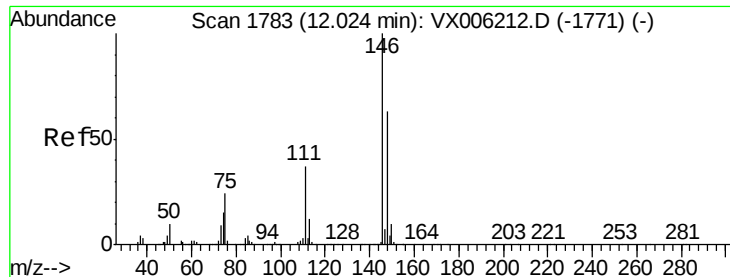
200000

100000

0

Time--> 12.00 12.10 12.20





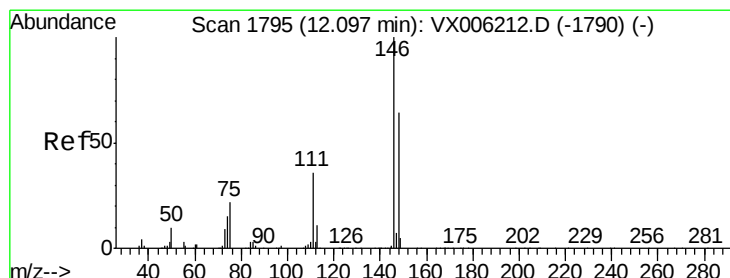
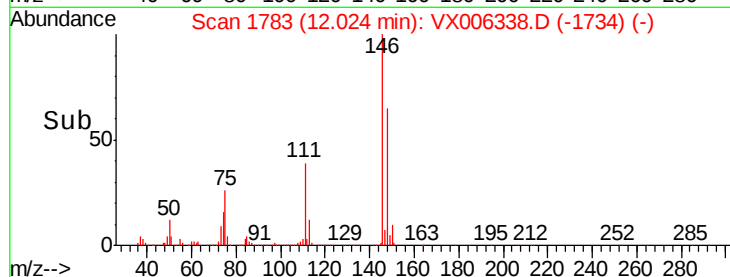
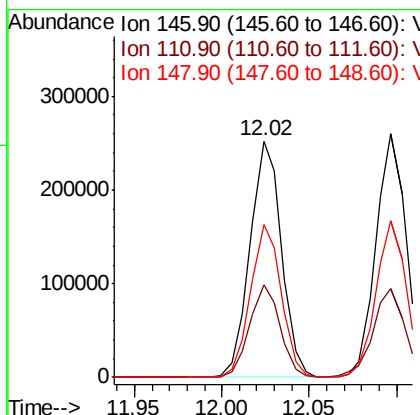
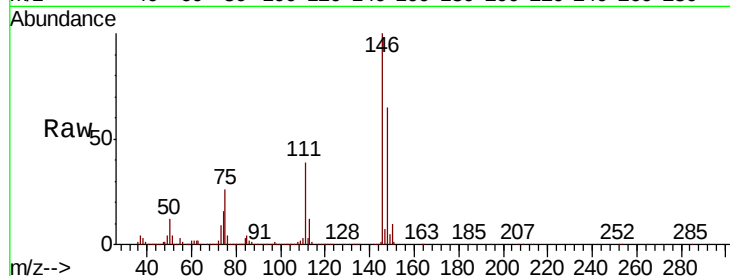
#87
 1,3-Dichlorobenzene
 Concen: 19.655 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. 0.00 min
 Lab File: VX006338.D
 Acq: 07 Dec 2018 11:12

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1207WBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.2	18.4	55.2
148	63.3	32.0	96.0

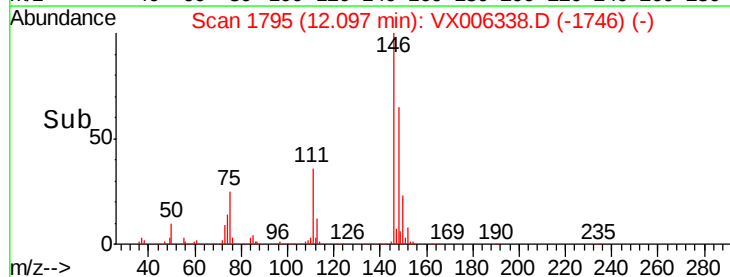
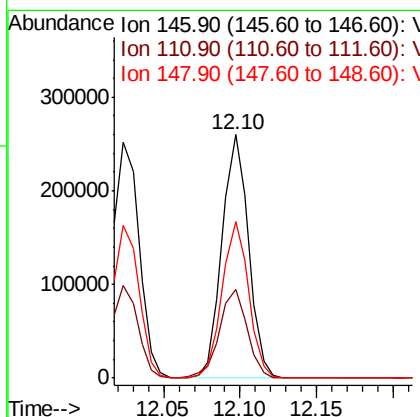
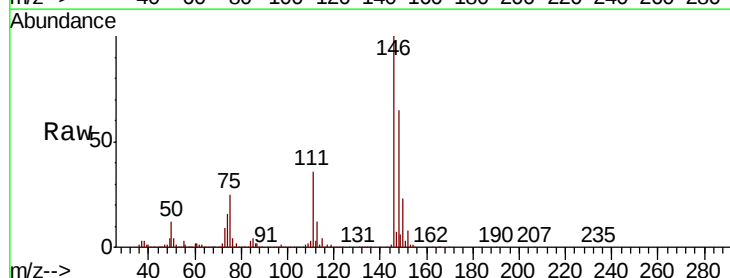
Manual Integrations
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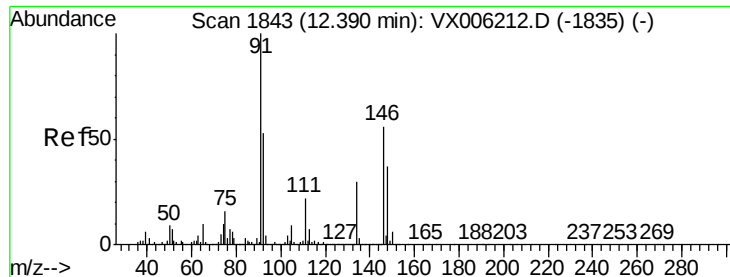
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#88
 1,4-Dichlorobenzene
 Concen: 19.257 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. 0.00 min
 Lab File: VX006338.D
 Acq: 07 Dec 2018 11:12

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.3	18.3	54.8
148	64.8	31.9	95.9





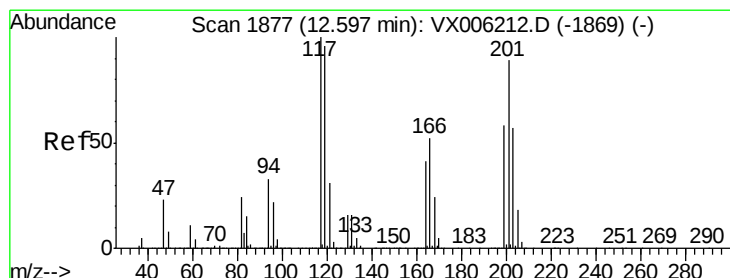
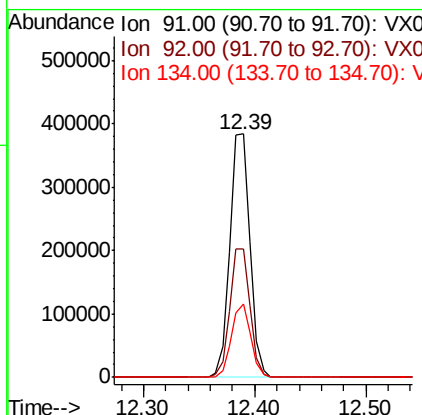
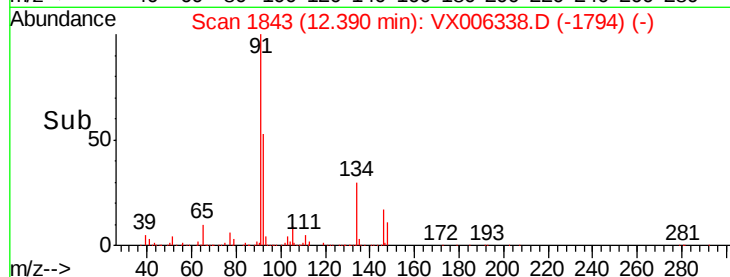
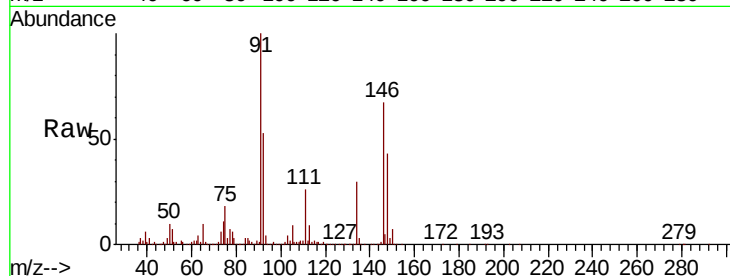
#89
n-Butylbenzene
Concen: 19.016 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. 0.00 min
Lab File: VX006338.D
Acq: 07 Dec 2018 11:12

Instrument :
MSVOA_X
ClientSampleId :
VX1207WBS01

Tot Ion	Ratio	Lower	Upper
91	100		
92	52.9	26.6	79.8
134	29.1	14.8	44.3

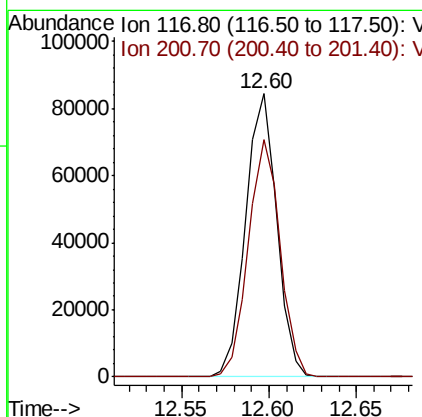
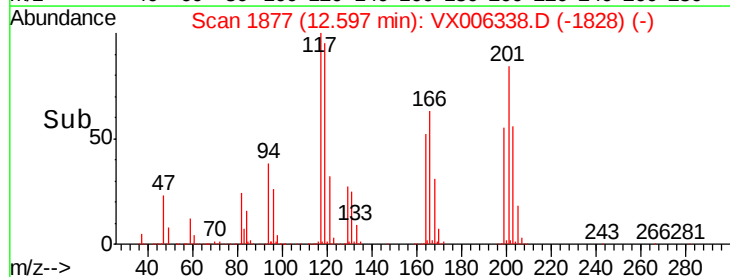
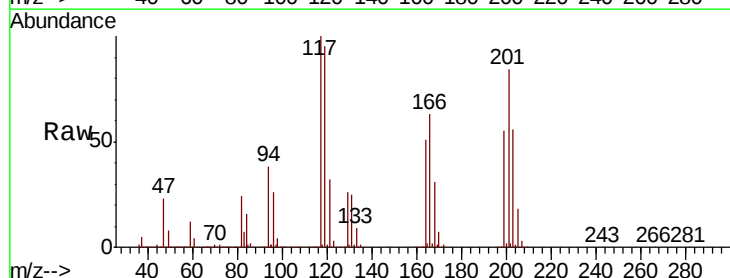
Manual Integrations
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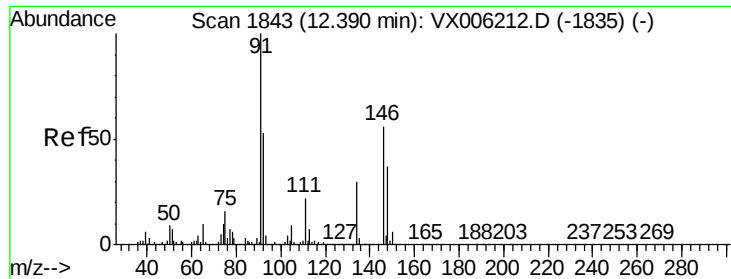
MMDadoda
12/10/2018 9:57:25 AM



#90
Hexachloroethane
Concen: 17.438 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. 0.00 min
Lab File: VX006338.D
Acq: 07 Dec 2018 11:12

Tgt Ion	Ratio	Lower	Upper
117	100		
201	85.3	44.7	134.1





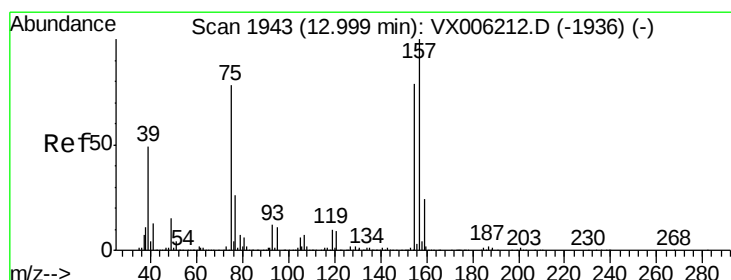
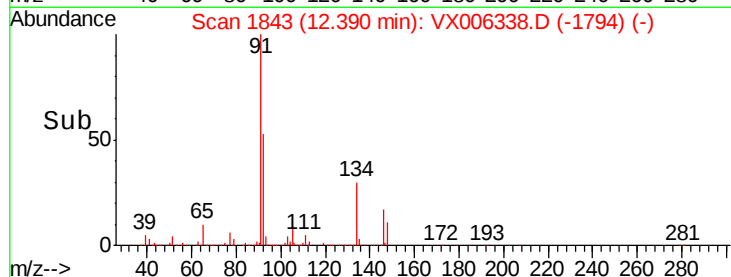
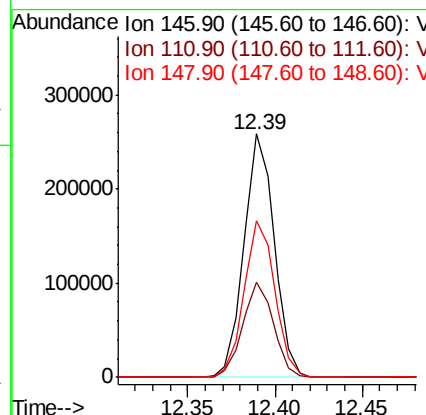
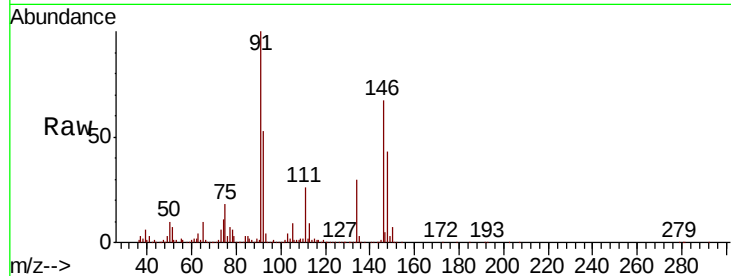
#91
 1,2-Dichlorobenzene
 Concen: 19.693 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. 0.00 min
 Lab File: VX006338.D
 Acq: 07 Dec 2018 11:12

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1207WBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.6	19.1	57.3
148	65.1	32.1	96.3

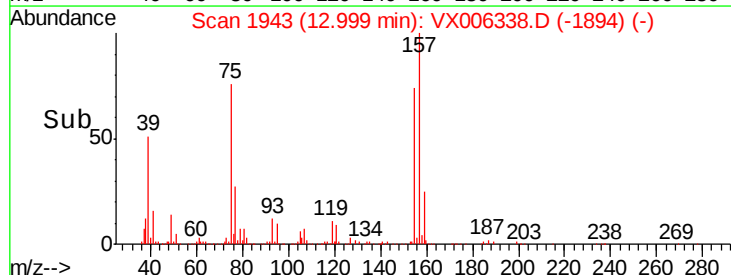
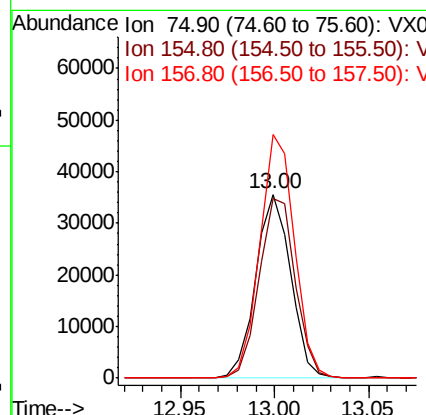
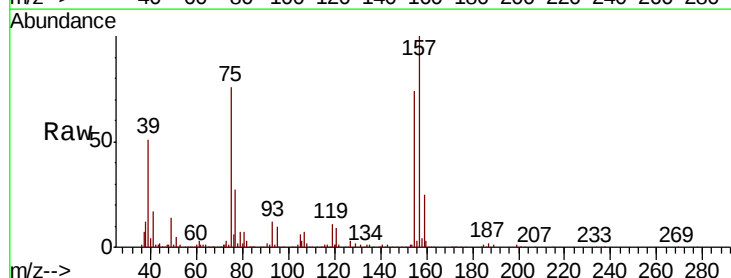
Manual Integrations
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 17.225 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VX006338.D
 Acq: 07 Dec 2018 11:12

Tgt Ion	Ratio	Lower	Upper
75	100		
155	101.6	53.4	160.3
157	132.2	68.0	203.8





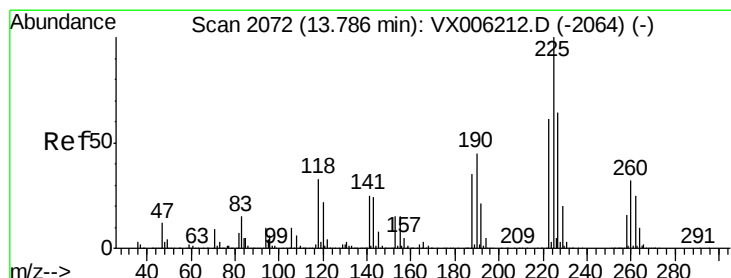
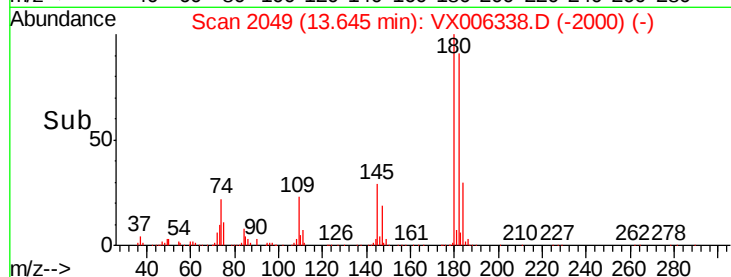
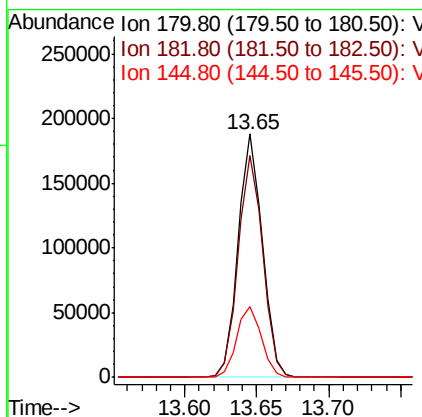
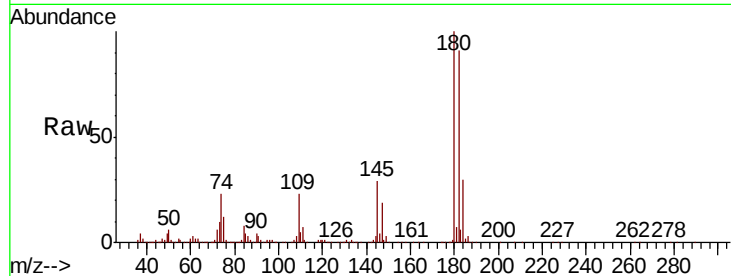
#93
1,2,4-Trichlorobenzene
Concen: 19.072 ug/l
RT: 13.65 min Scan# 2049
Delta R.T. 0.00 min
Lab File: VX006338.D
Acq: 07 Dec 2018 11:12

Instrument :
MSVOA_X
ClientSampleId :
VX1207WBS01

Tot Ion	Ratio	Resp	Lower	Upper
180	100	220966		
182	92.7	47.3	141.9	
145	29.9	14.6	43.8	

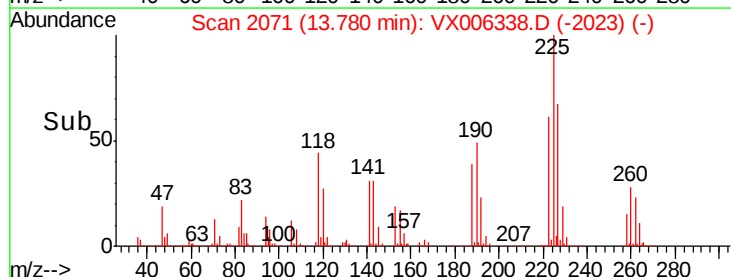
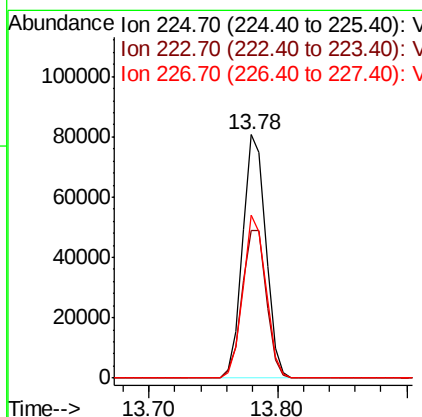
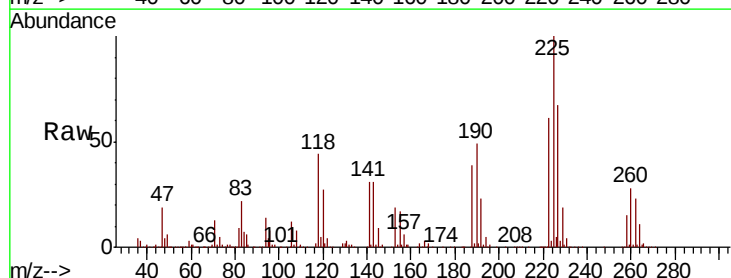
Manual Integrations
APPROVED

MMDadoda
12/10/2018 9:57:25 AM



#94
Hexachlorobutadiene
Concen: 19.469 ug/l
RT: 13.78 min Scan# 2071
Delta R.T. -0.01 min
Lab File: VX006338.D
Acq: 07 Dec 2018 11:12

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	99757		
223	64.0	31.2	93.6	
227	66.0	31.9	95.5	





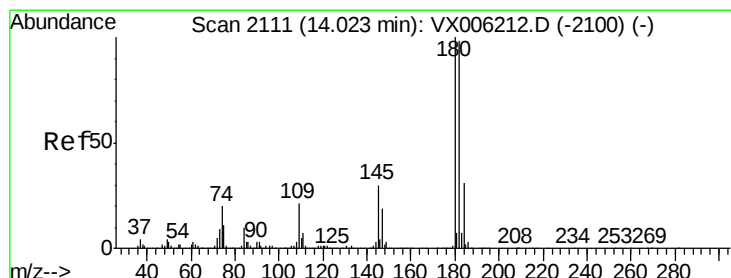
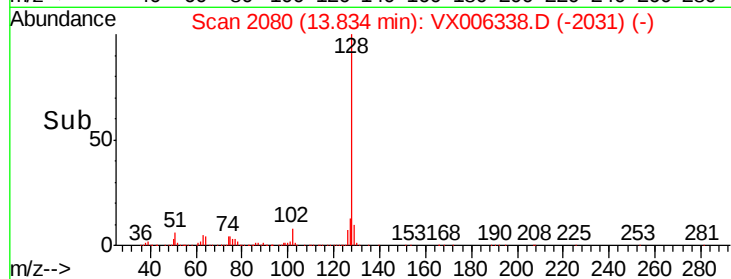
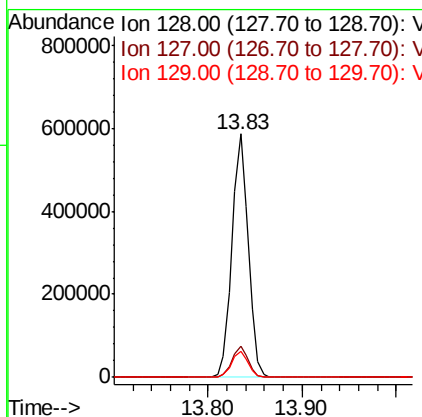
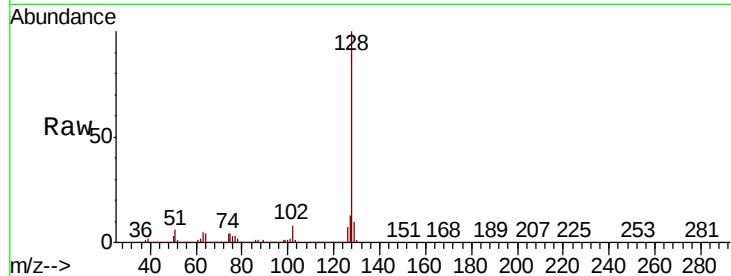
#95
Naphthalene
Concen: 19.503 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VX006338.D
Acq: 07 Dec 2018 11:12

Instrument :
MSVOA_X
ClientSampleId :
VX1207WBS01

Tot Ion	Ratio	Resp Lower	Upper
128	100		
127	12.8	10.2	15.4
129	10.8	8.9	13.3

Manual Integrations
APPROVED

MMDadoda
12/10/2018 9:57:25 AM



#96
1,2,3-Trichlorobenzene
Concen: 18.931 ug/l
RT: 14.02 min Scan# 2110
Delta R.T. -0.01 min
Lab File: VX006338.D
Acq: 07 Dec 2018 11:12

Tgt Ion	Ratio	Resp Lower	Upper
180	100		
182	96.1	48.4	145.2
145	32.3	15.6	46.8

