

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\WX112918\
 Data File : VX006211.D
 Acq On : 29 Nov 2018 14:58
 Operator : JC/MD
 Sample : VSTDIC020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

Manual Integrations
 APPROVED

MMDadoda
 11/30/2018 10:13:06 AM

Quant Time: Nov 30 03:50:07 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112918W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 30 03:36:05 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	784118	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	1171773	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	1069022	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	564383	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	170104	21.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	42.50%	
35) Dibromofluoromethane	5.51	113	163040	21.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	42.98%	
50) Toluene-d8	8.71	98	589230	21.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	42.70%	
62) 4-Bromofluorobenzene	11.13	95	222840	21.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	42.86%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.20	85	165628	21.573	ug/l	98
3) Chloromethane	1.33	50	165095	20.925	ug/l	100
4) Vinyl Chloride	1.41	62	177902	20.951	ug/l	99
5) Bromomethane	1.64	94	113037	19.208	ug/l	100
6) Chloroethane	1.73	64	106949	20.542	ug/l	99
7) Trichlorofluoromethane	1.93	101	267359	20.512	ug/l	99
8) Diethyl Ether	2.19	74	98014	19.869	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.39	101	147802	19.942	ug/l	100
10) Methyl Iodide	2.51	142	222520	19.922	ug/l	100
11) Tert butyl alcohol	3.07	59	226555	103.494	ug/l	98
12) 1,1-Dichloroethene	2.38	96	140702	19.831	ug/l	99
13) Acrolein	2.29	56	111936	93.555	ug/l	100
14) Allyl chloride	2.73	41	282463	20.153	ug/l	100
15) Acrylonitrile	3.15	53	462244	101.190	ug/l	99
16) Acetone	2.45	43	370082	98.518	ug/l	98
17) Carbon Disulfide	2.57	76	436658	19.972	ug/l	98
18) Methyl Acetate	2.78	43	249138	19.832	ug/l	99
19) Methyl tert-butyl Ether	3.20	73	504291	19.924	ug/l	98
20) Methylene Chloride	2.86	84	155640	19.468	ug/l	98
21) trans-1,2-Dichloroethene	3.17	96	151361	20.018	ug/l	94
22) Diisopropyl ether	3.87	45	438504	20.030	ug/l	94
23) Vinyl Acetate	3.82	43	1892673	101.364	ug/l	99
24) 1,1-Dichloroethane	3.70	63	249294	19.923	ug/l	98
25) 2-Butanone	4.70	43	537544	100.288	ug/l	99
26) 2,2-Dichloropropane	4.59	77	231948	20.085	ug/l	100
27) cis-1,2-Dichloroethene	4.60	96	170302	20.192	ug/l	99
28) Bromochloromethane	5.02	49	109190	19.978	ug/l	99
29) Tetrahydrofuran	5.15	42	372206	99.916	ug/l	100
30) Chloroform	5.21	83	262182	19.938	ug/l	95
31) Cyclohexane	5.58	56	229981	19.888	ug/l	97
32) 1,1,1-Trichloroethane	5.50	97	246507	19.703	ug/l	99
36) 1,1-Dichloropropene	5.80	75	192745	19.533	ug/l	99
37) Ethyl Acetate	4.85	43	214144	19.379	ug/l	99
38) Carbon Tetrachloride	5.79	117	227502	19.598	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	254228	19.848	ug/l	98
40) Benzene	6.15	78	589903	19.960	ug/l	98
41) Methacrylonitrile	5.06	41	117000	19.242	ug/l	100
42) 1,2-Dichloroethane	6.20	62	194914	20.151	ug/l	99
43) Isopropyl Acetate	6.46	43	360790	19.582	ug/l	99
44) Trichloroethene	7.21	130	172531	19.270	ug/l	93
45) 1,2-Dichloropropane	7.52	63	148527	19.774	ug/l	99
46) Dibromomethane	7.66	93	107808	19.873	ug/l	98
47) Bromodichloromethane	7.90	83	209191	19.913	ug/l	98
48) Methyl methacrylate	7.77	41	175699	19.602	ug/l	99
49) 1,4-Dioxane	7.75	88	89537	405.311	ug/l	100
51) 4-Methyl-2-Pentanone	8.65	43	1078276	100.534	ug/l	99
52) Toluene	8.79	92	382551	19.675	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	241389	19.648	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	246352	19.310	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	157755	19.971	ug/l	97
56) Ethyl methacrylate	9.18	69	245027	19.842	ug/l	99
57) 1,3-Dichloropropane	9.37	76	248219	19.872	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	625993	99.897	ug/l	100
59) 2-Hexanone	9.49	43	842871	102.861	ug/l	99
60) Dibromochloromethane	9.59	129	191571	19.668	ug/l	100
61) 1,2-Dibromoethane	9.67	107	175096	19.824	ug/l	99
64) Tetrachloroethene	9.34	164	155413	19.304	ug/l	98
65) Chlorobenzene	10.14	112	446763	19.687	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	175694	19.927	ug/l	97
67) Ethyl Benzene	10.25	91	739522	19.594	ug/l	99
68) m/p-Xylenes	10.36	106	597285	39.506	ug/l	99
69) o-Xylene	10.70	106	293437	19.649	ug/l	100
70) Styrene	10.71	104	476125	19.713	ug/l	99
71) Bromoform	10.86	173	161819	19.442	ug/l #	98
73) Isopropylbenzene	11.02	105	776127	19.913	ug/l	100
74) N-amyl acetate	10.90	43	332533	19.813	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	247360	19.838	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	194303m	13.257	ug/l	
77) Bromobenzene	11.26	156	209255	19.346	ug/l	98
78) n-propylbenzene	11.36	91	861384	19.882	ug/l	100
79) 2-Chlorotoluene	11.42	91	513712	19.949	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	643583	19.846	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	92729	19.976	ug/l	99
82) 4-Chlorotoluene	11.51	91	590180	19.713	ug/l	100
83) tert-Butylbenzene	11.77	119	682956	19.738	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	656191	19.596	ug/l	99
85) sec-Butylbenzene	11.94	105	774040	19.664	ug/l	100
86) p-Isopropyltoluene	12.07	119	691318	19.504	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	381634	19.829	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	380301	19.704	ug/l	98
89) n-Butylbenzene	12.39	91	583865	19.306	ug/l	99
90) Hexachloroethane	12.60	117	141169	19.542	ug/l	100
91) 1,2-Dichlorobenzene	12.39	146	377552	19.766	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	62944	19.692	ug/l	96

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ClientSampleId :
VSTDICC020

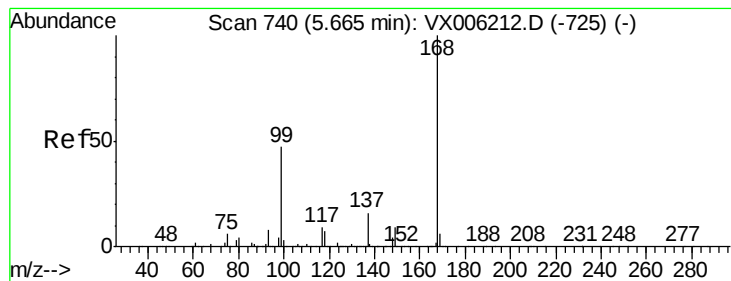
Manual Integrations
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MMDadoda
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	277215	19.893	ug/l	99
94) Hexachlorobutadiene	13.79	225	119370	19.369	ug/l	98
95) Naphthalene	13.83	128	864493	19.943	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	273966	19.849	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.00 min

Lab File: VX006211.D

Acq: 29 Nov 2018 14:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

Tgt Ion:168 Resp: 784118

Ion Ratio Lower Upper

168 100

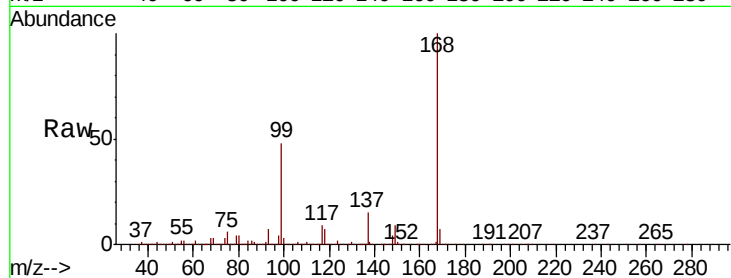
99 47.5 37.8 56.8

Manual Integrations

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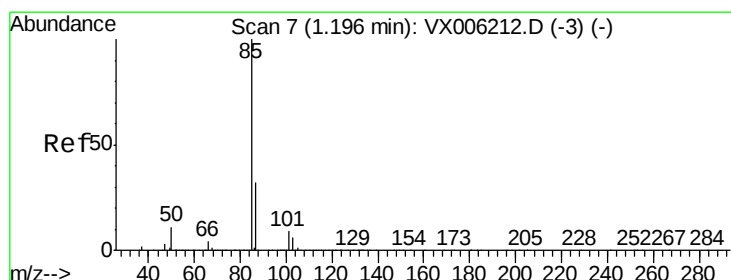
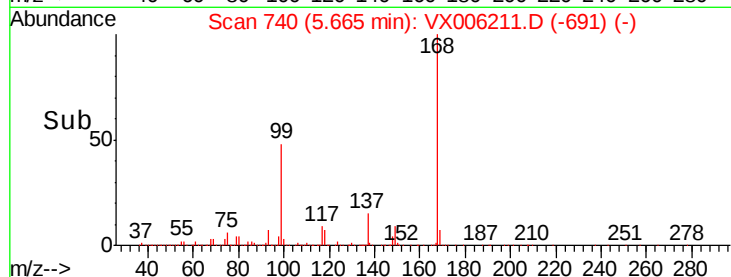
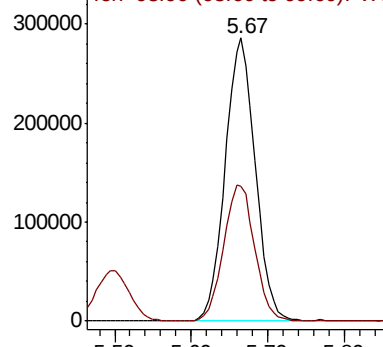
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 21.573 ug/l

RT: 1.20 min Scan# 7

Delta R.T. 0.00 min

Lab File: VX006211.D

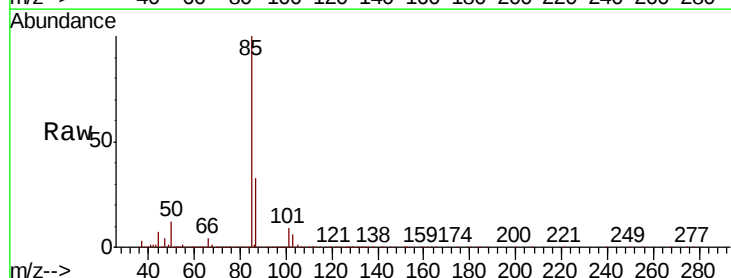
Acq: 29 Nov 2018 14:58

Tgt Ion: 85 Resp: 165628

Ion Ratio Lower Upper

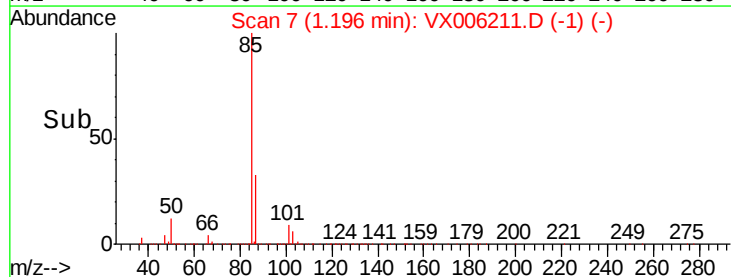
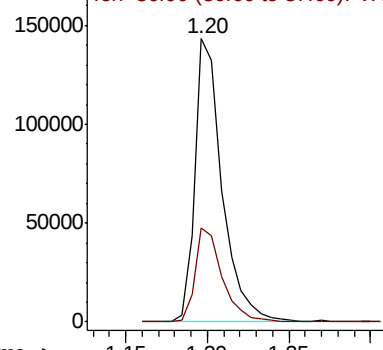
85 100

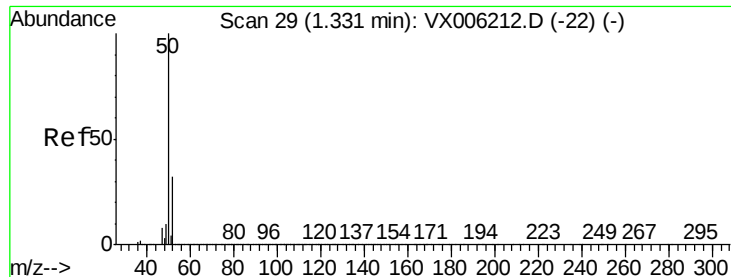
87 33.1 16.1 48.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 20.925 ug/l

RT: 1.33 min Scan# 29

Delta R.T. 0.00 min

Lab File: VX006211.D

Acq: 29 Nov 2018 14:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

Tgt Ion: 50 Resp: 165095

Ion Ratio Lower Upper

50 100

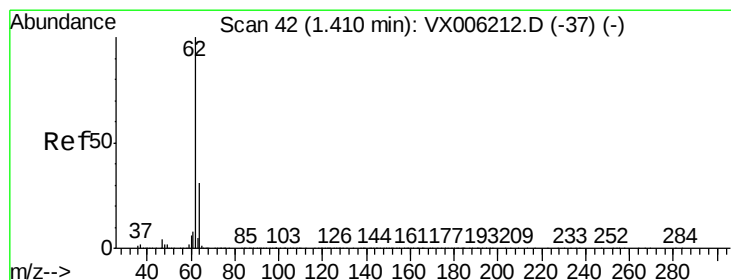
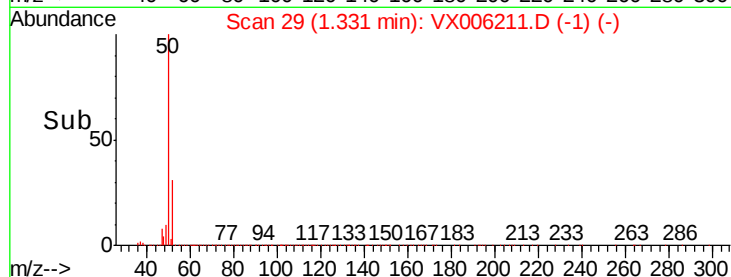
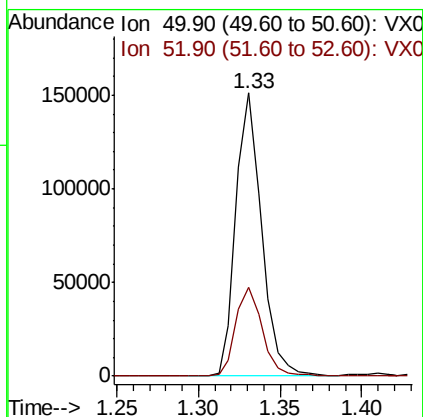
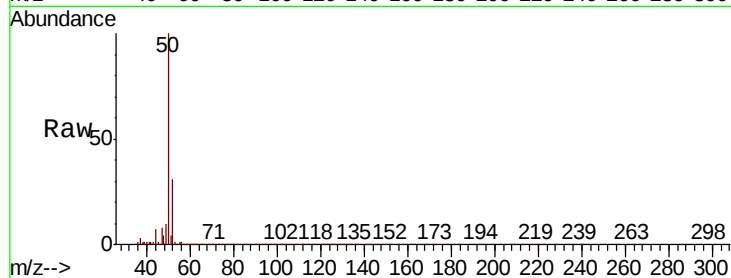
52 31.3 25.2 37.8

Manual Integrations

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#4

Vinyl Chloride

Concen: 20.951 ug/l

RT: 1.41 min Scan# 42

Delta R.T. 0.00 min

Lab File: VX006211.D

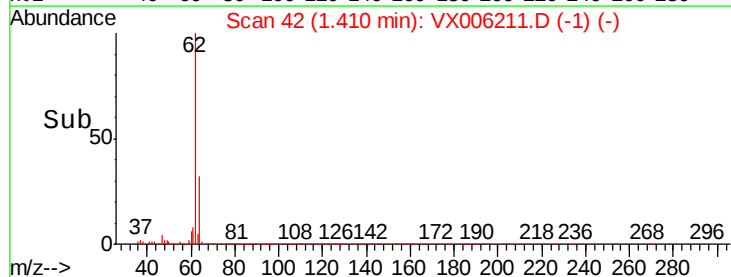
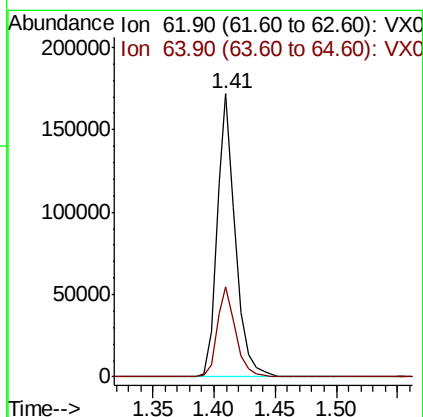
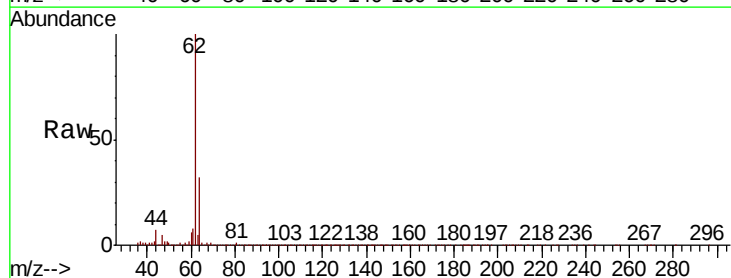
Acq: 29 Nov 2018 14:58

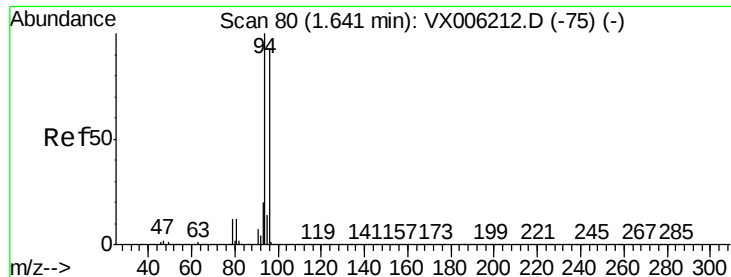
Tgt Ion: 62 Resp: 177902

Ion Ratio Lower Upper

62 100

64 31.9 24.9 37.3





#5

Bromomethane

Concen: 19.208 ug/l

RT: 1.64 min Scan# 80

Delta R.T. 0.00 min

Lab File: VX006211.D

Acq: 29 Nov 2018 14:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

Tgt Ion: 94 Resp: 113037

Ion Ratio Lower Upper

94 100

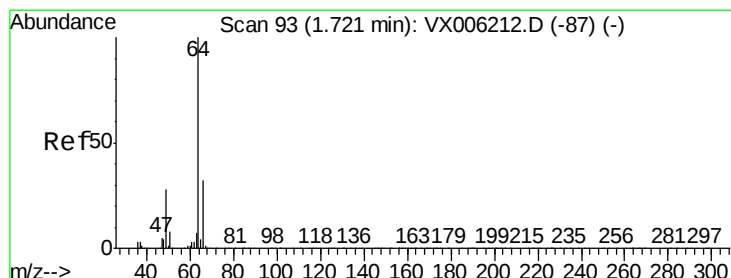
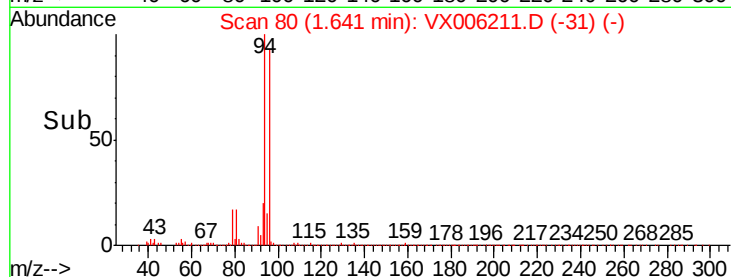
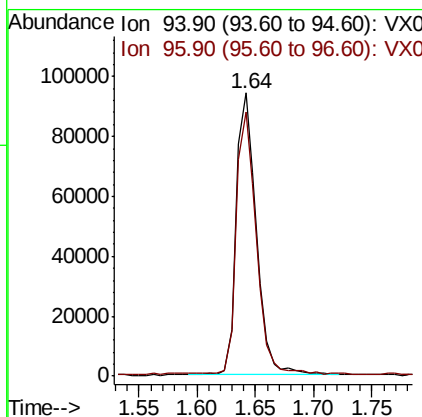
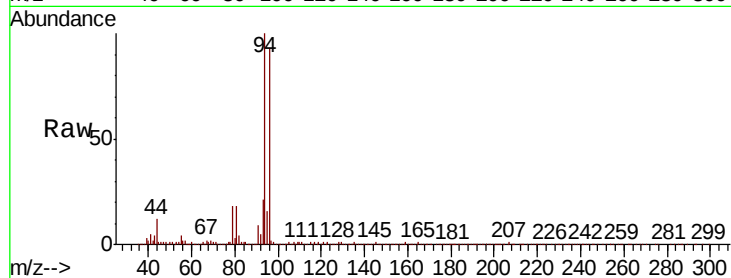
96 92.7 74.5 111.7

Manual Integrations

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#6

Chloroethane

Concen: 20.542 ug/l

RT: 1.73 min Scan# 94

Delta R.T. 0.01 min

Lab File: VX006211.D

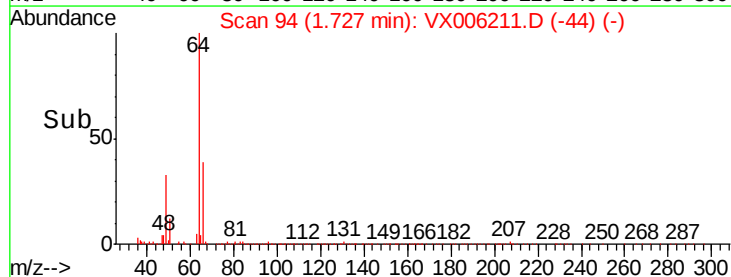
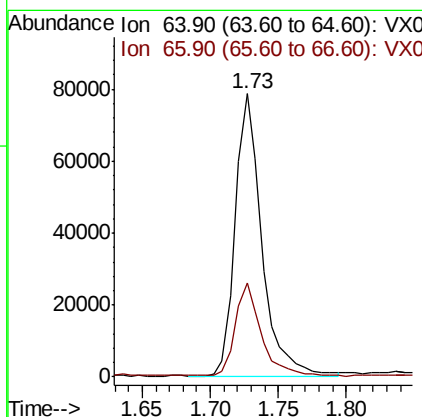
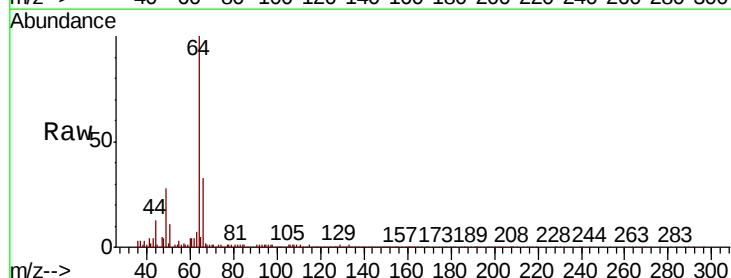
Acq: 29 Nov 2018 14:58

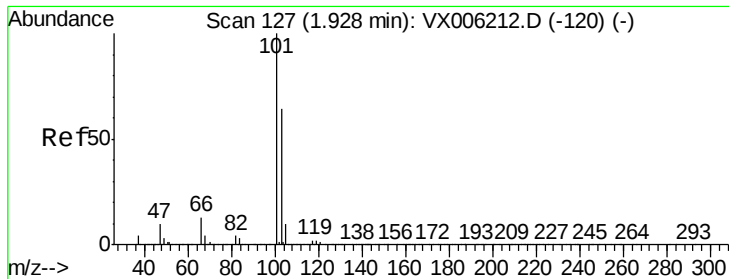
Tgt Ion: 64 Resp: 106949

Ion Ratio Lower Upper

64 100

66 32.9 25.9 38.9





#7

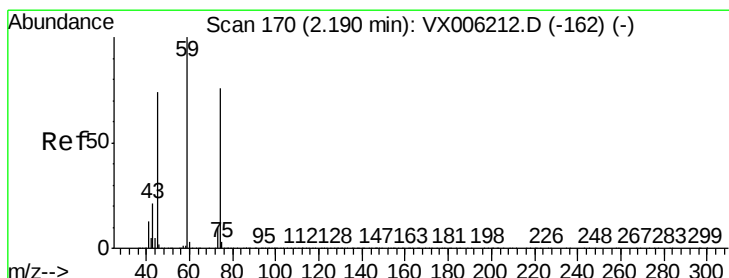
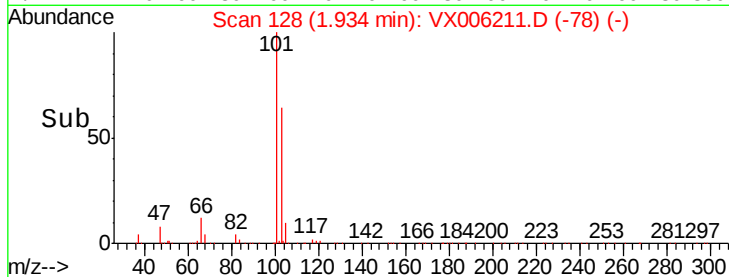
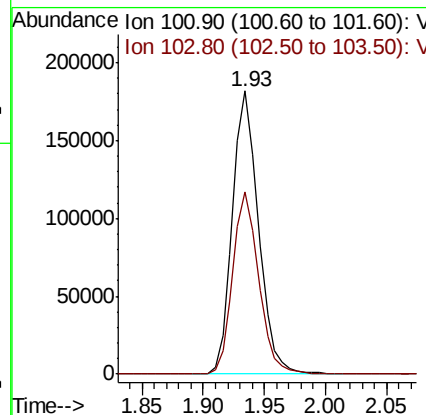
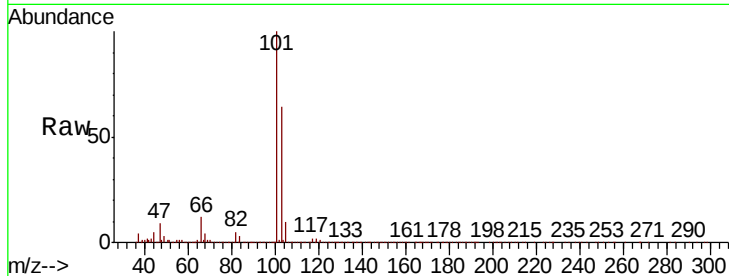
Trichlorofluoromethane
Concen: 20.512 ug/l
RT: 1.93 min Scan# 128
Delta R.T. 0.01 min
Lab File: VX006211.D
Acq: 29 Nov 2018 14:58

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ClientSampleId :
VSTDIC020

Tgt Ion	Ratio	Resp	Lower	Upper
101	100	267359		
103	64.1	51.0	76.4	

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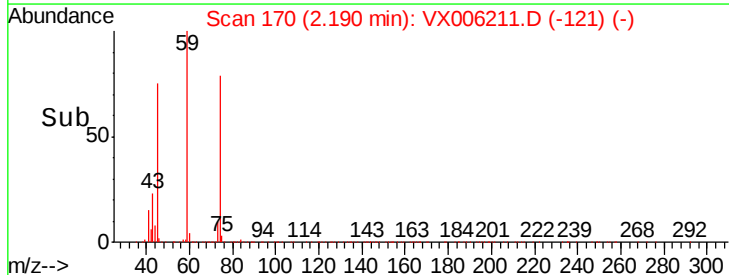
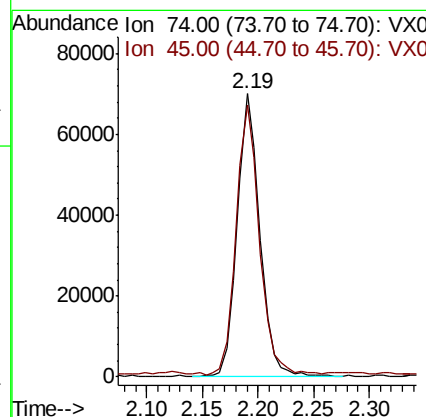
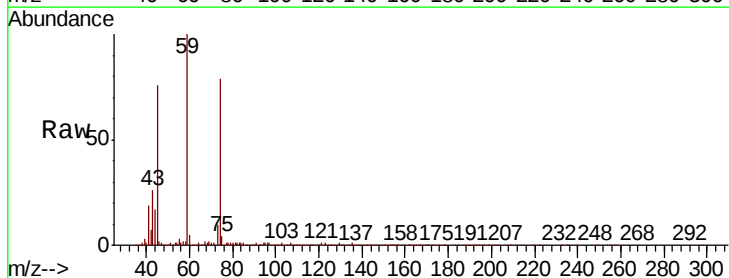
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11/30/2018 10:13:06 AM

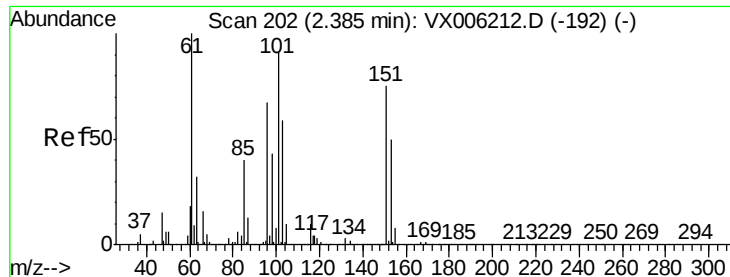


#8

Diethyl Ether
Concen: 19.869 ug/l
RT: 2.19 min Scan# 170
Delta R.T. 0.00 min
Lab File: VX006211.D
Acq: 29 Nov 2018 14:58

Tgt Ion	Ratio	Resp	Lower	Upper
74	100	98014		
45	98.1	49.5	148.7	





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.942 ug/l

RT: 2.39 min Scan# 202

Delta R.T. 0.00 min

Lab File: VX006211.D

Acq: 29 Nov 2018 14:58

Instrument :

MSVOA_X

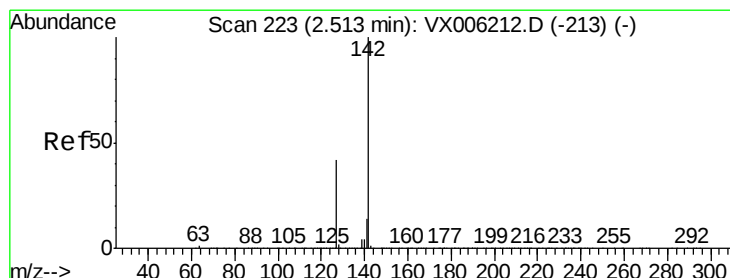
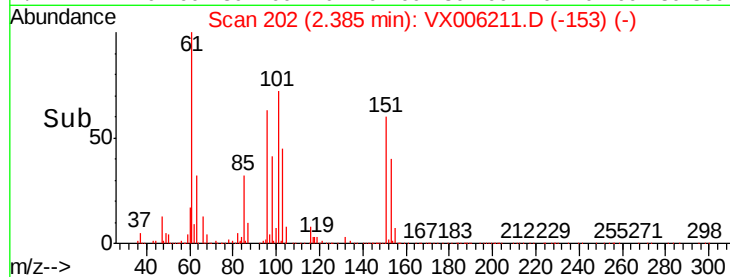
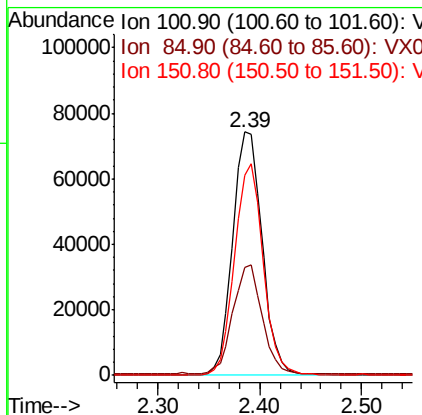
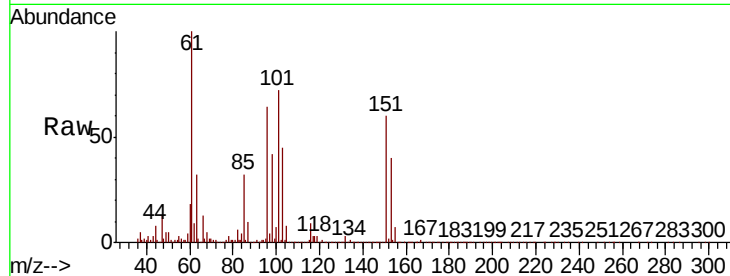
ClientSampleID :

VSTDIC020

Tgt Ion:	101	Resp:	147802
Ion Ratio	Lower	Upper	
101	100		
85	44.3	35.5	53.3
151	85.3	68.6	103.0

Manual Integrations
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11/30/2018 10:13:06 AM



#10

Methyl Iodide

Concen: 19.922 ug/l

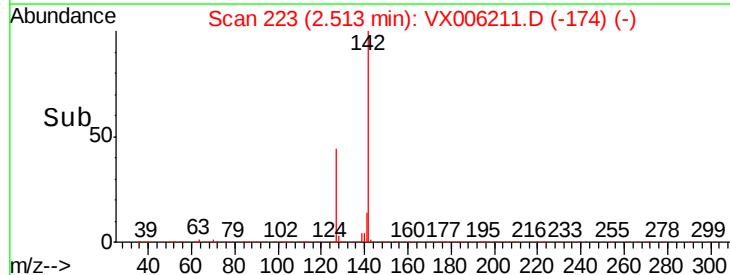
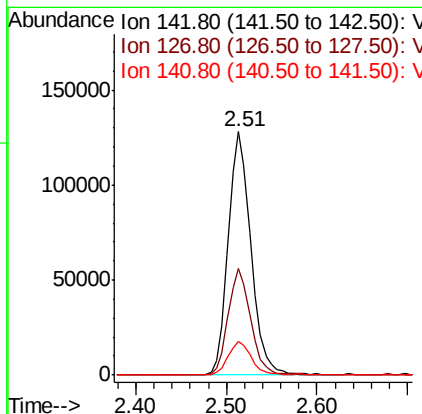
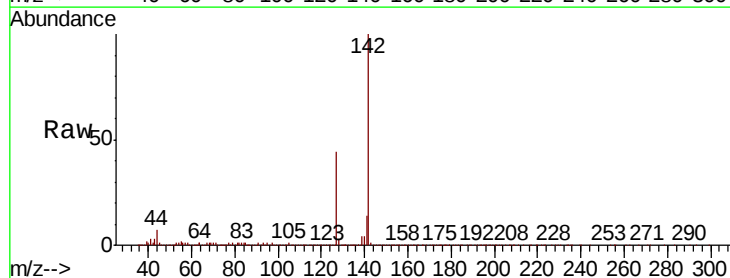
RT: 2.51 min Scan# 223

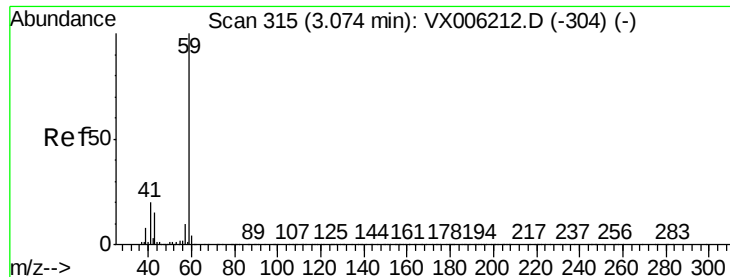
Delta R.T. 0.00 min

Lab File: VX006211.D

Acq: 29 Nov 2018 14:58

Tgt Ion:	142	Resp:	222520
Ion Ratio	Lower	Upper	
142	100		
127	43.5	34.8	52.2
141	14.0	11.4	17.2





#11

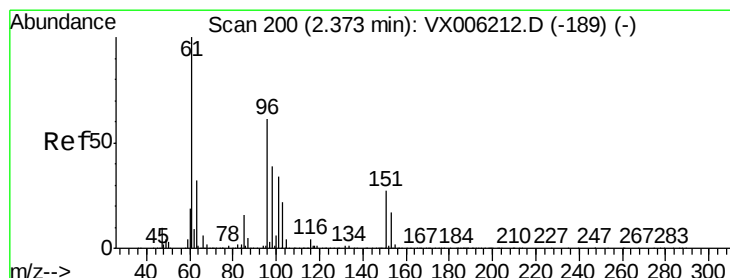
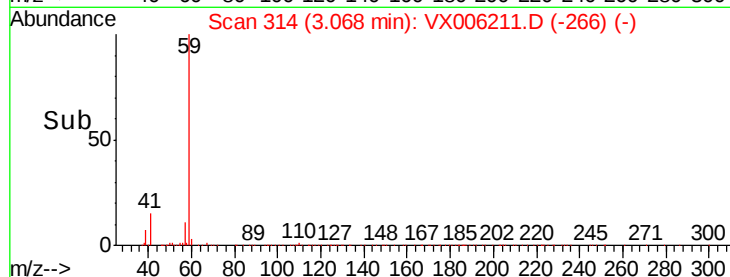
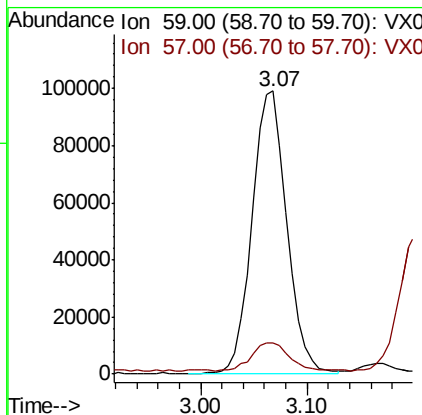
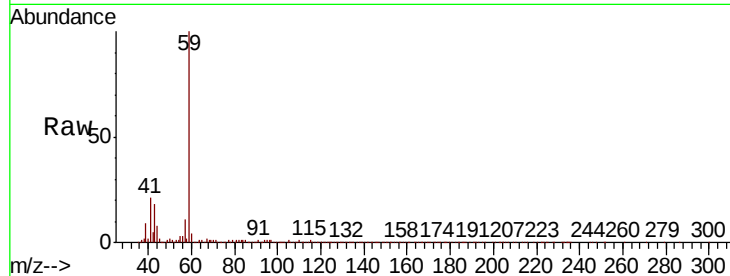
Tert butyl alcohol
Concen: 103.494 ug/l
RT: 3.07 min Scan# 314
Delta R.T. -0.01 min
Lab File: VX006211.D
Acq: 29 Nov 2018 14:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tgt Ion	Ratio	Lower	Upper
59	100		
57	10.8	8.2	12.2

Manual Integrations
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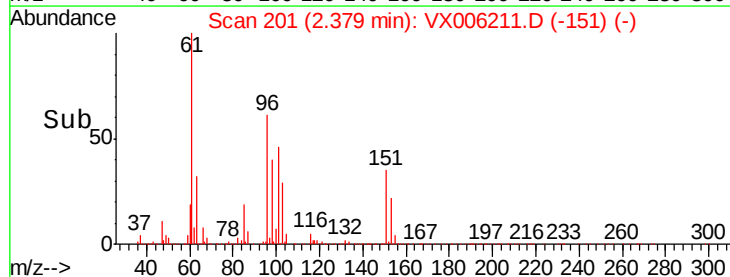
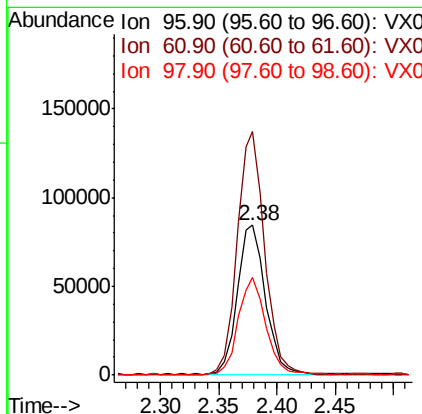
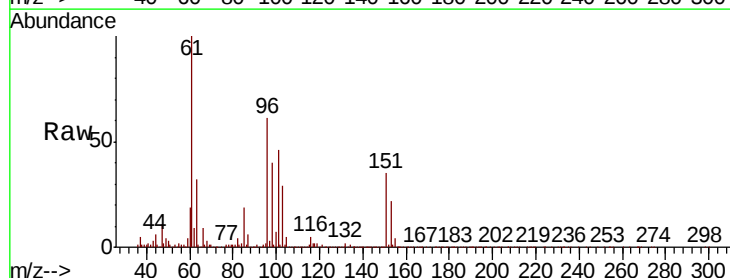
MMDadoda
11/30/2018 10:13:06 AM

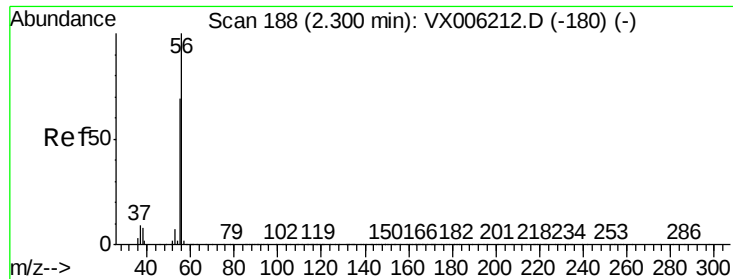


#12

1,1-Dichloroethene
Concen: 19.831 ug/l
RT: 2.38 min Scan# 201
Delta R.T. 0.01 min
Lab File: VX006211.D
Acq: 29 Nov 2018 14:58

Tgt Ion	Ratio	Lower	Upper
96	100		
61	163.4	131.7	197.5
98	65.1	51.8	77.6





#13

Acrolein

Concen: 93.555 ug/l

RT: 2.29 min Scan# 187

Delta R.T. -0.01 min

Lab File: VX006211.D

Acq: 29 Nov 2018 14:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

Tgt Ion: 56 Resp: 111936

Ion Ratio Lower Upper

56 100

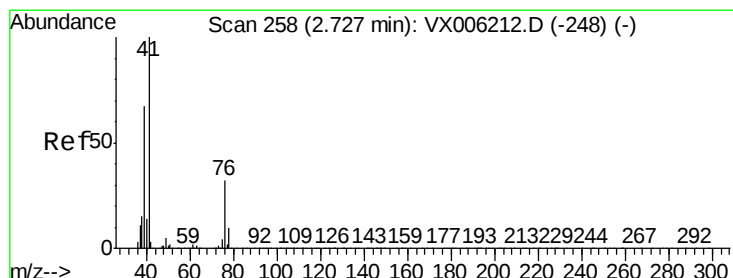
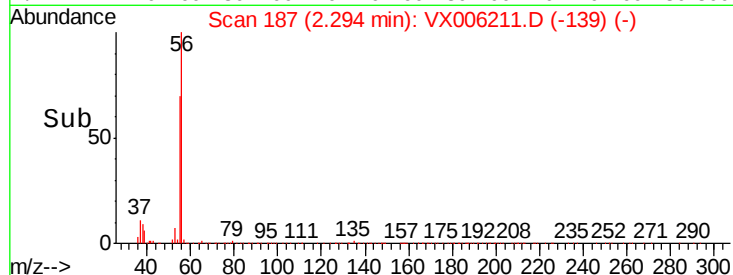
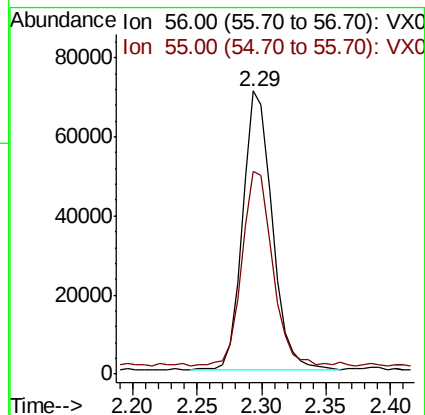
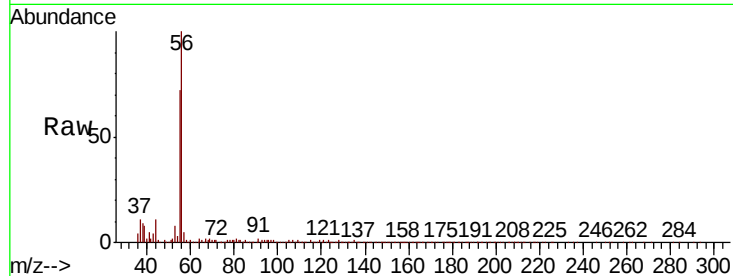
55 71.9 57.8 86.6

Manual Integrations

APPROVED

MMDadoda

11/30/2018 10:13:06 AM



#14

Allyl chloride

Concen: 20.153 ug/l

RT: 2.73 min Scan# 259

Delta R.T. 0.01 min

Lab File: VX006211.D

Acq: 29 Nov 2018 14:58

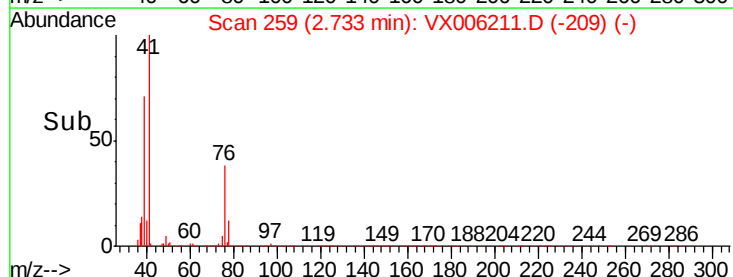
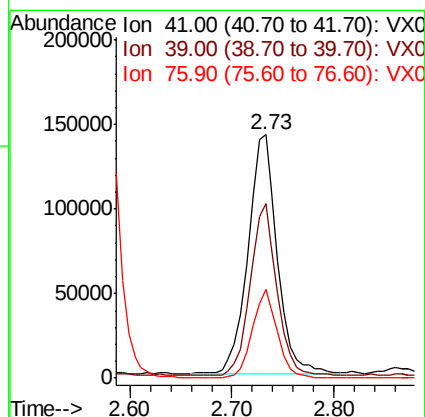
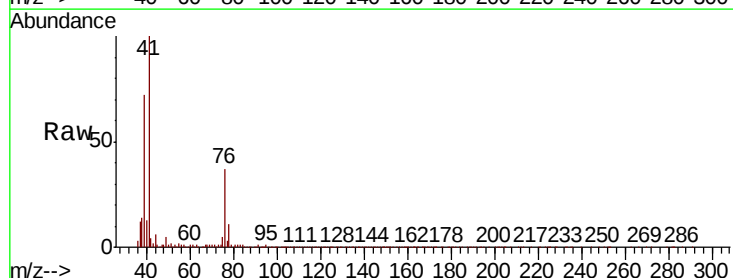
Tgt Ion: 41 Resp: 282463

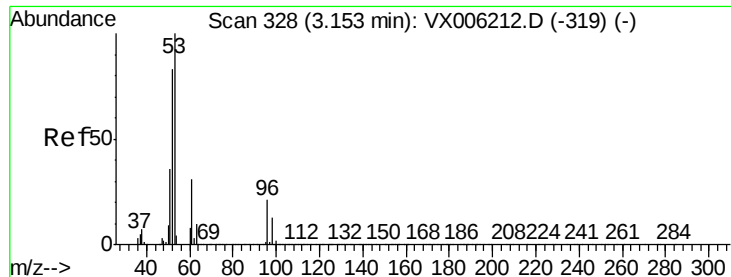
Ion Ratio Lower Upper

41 100

39 65.4 52.4 78.6

76 31.2 25.4 38.0





#15

Acrylonitrile

Concen: 101.190 ug/l

RT: 3.15 min Scan# 327

Delta R.T. -0.01 min

Lab File: VX006211.D

Acq: 29 Nov 2018 14:58

Instrument :

MSVOA_X

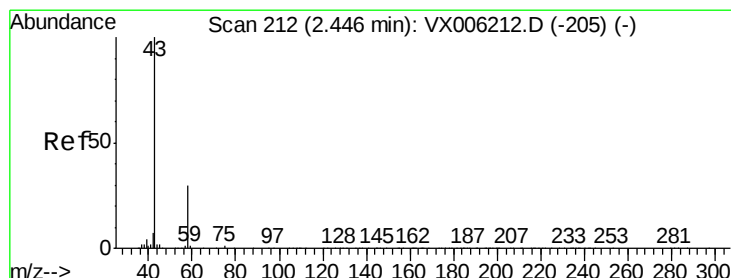
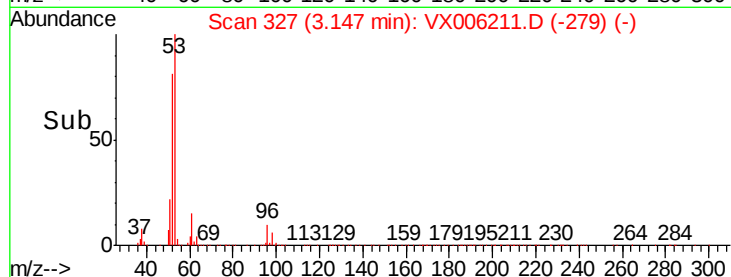
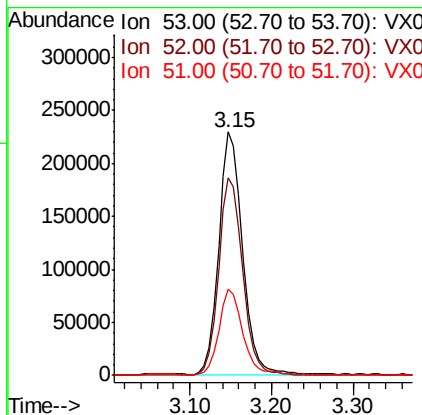
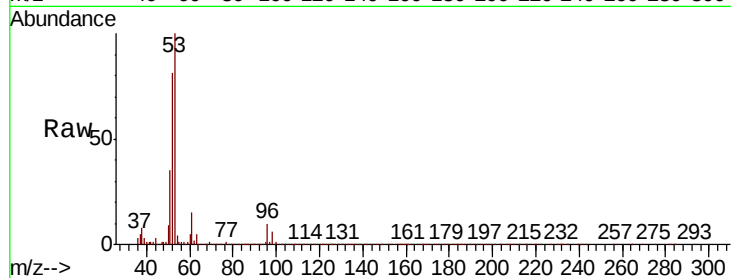
ClientSampleId :

VSTDIC020

Tgt Ion:	53	Resp:	462244
Ion	Ratio	Lower	Upper
53	100		
52	82.0	66.2	99.4
51	35.6	28.7	43.1

Manual Integrations
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#16

Acetone

Concen: 98.518 ug/l

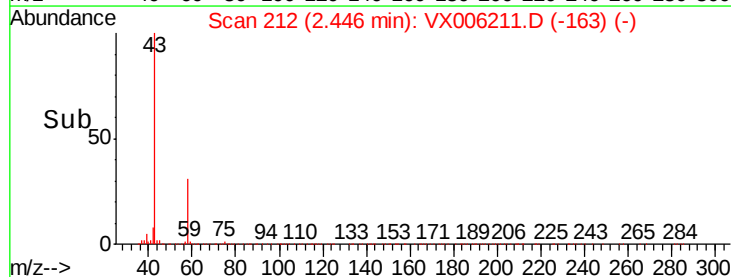
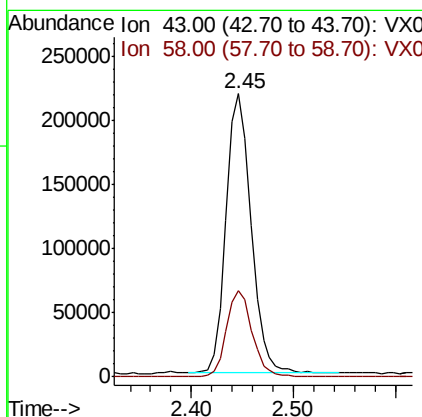
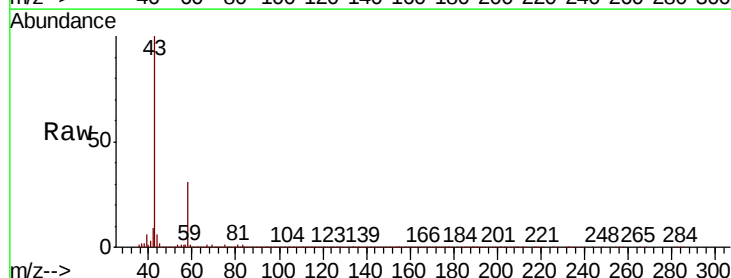
RT: 2.45 min Scan# 212

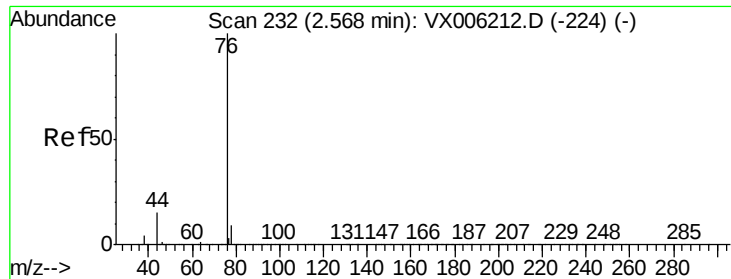
Delta R.T. 0.00 min

Lab File: VX006211.D

Acq: 29 Nov 2018 14:58

Tgt Ion:	43	Resp:	370082
Ion	Ratio	Lower	Upper
43	100		
58	30.9	24.0	36.0





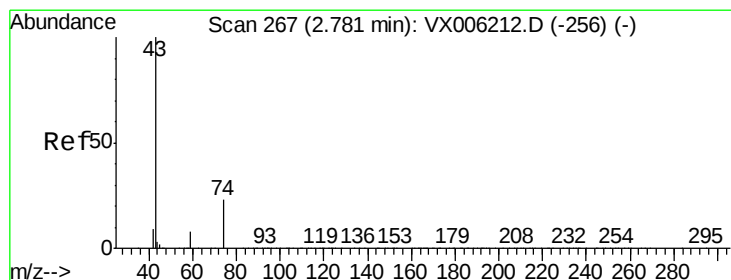
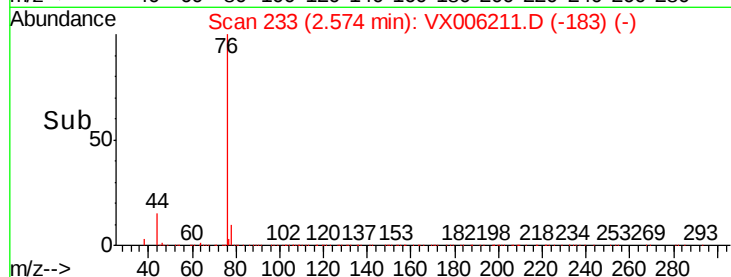
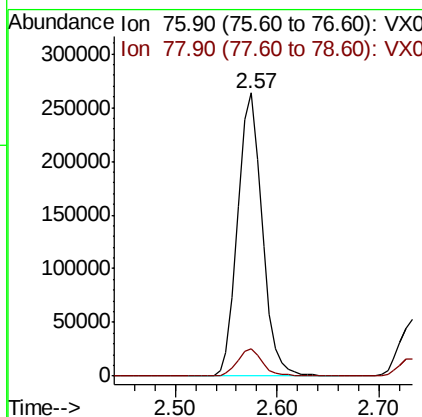
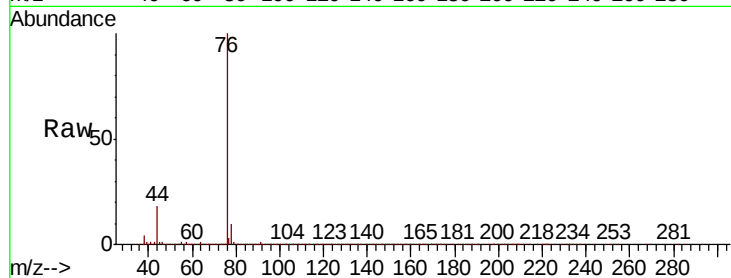
#17
Carbon Disulfide
Concen: 19.972 ug/l
RT: 2.57 min Scan# 233
Delta R.T. 0.01 min
Lab File: VX006211.D
Acq: 29 Nov 2018 14:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tgt Ion	Ratio	Lower	Upper
76	100		
78	9.7	7.1	10.7

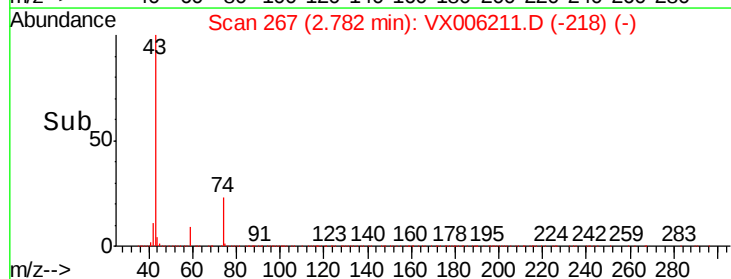
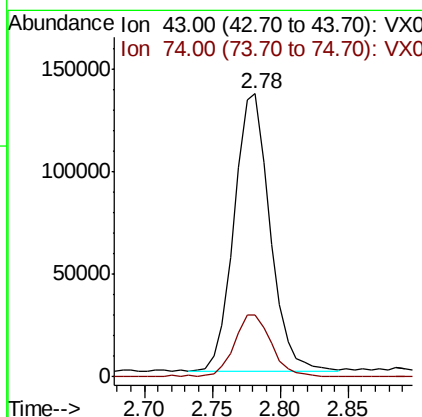
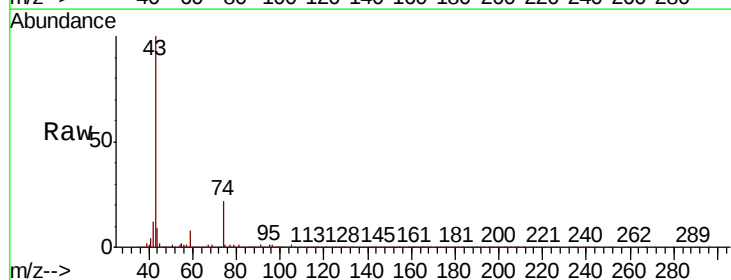
Manual Integrations
APPROVED

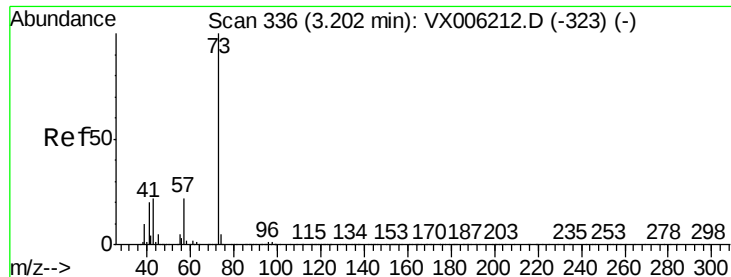
MMDadoda
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#18
Methyl Acetate
Concen: 19.832 ug/l
RT: 2.78 min Scan# 267
Delta R.T. 0.00 min
Lab File: VX006211.D
Acq: 29 Nov 2018 14:58

Tgt Ion	Ratio	Lower	Upper
43	100		
74	23.1	17.9	26.9





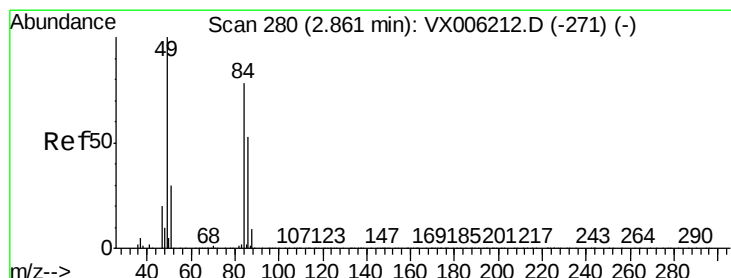
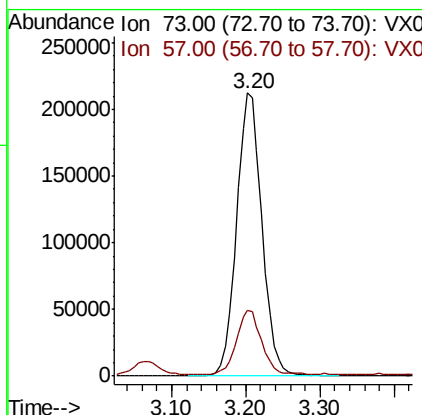
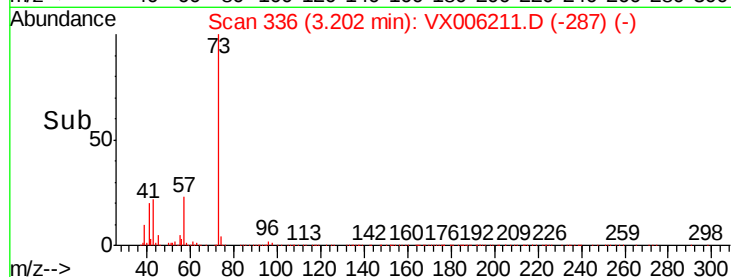
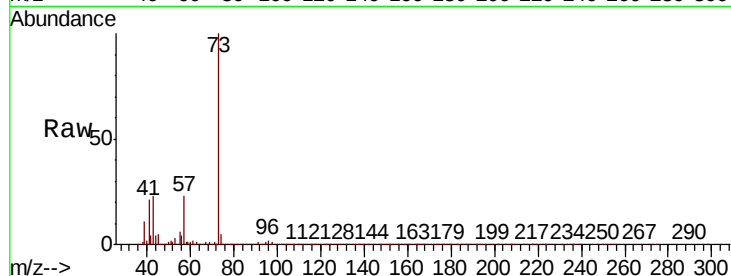
#19
Methyl tert-butyl Ether
Concen: 19.924 ug/l
RT: 3.20 min Scan# 336
Delta R.T. 0.00 min
Lab File: VX006211.D
Acq: 29 Nov 2018 14:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tgt Ion	Ratio	Lower	Upper
73	100		
57	22.7	17.5	26.3

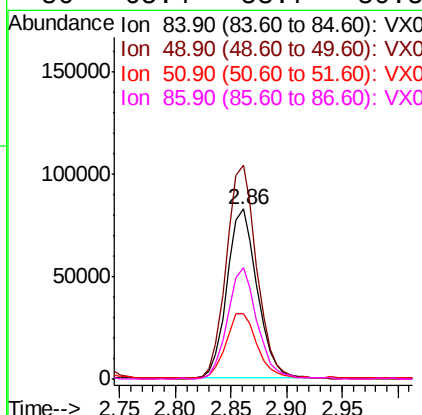
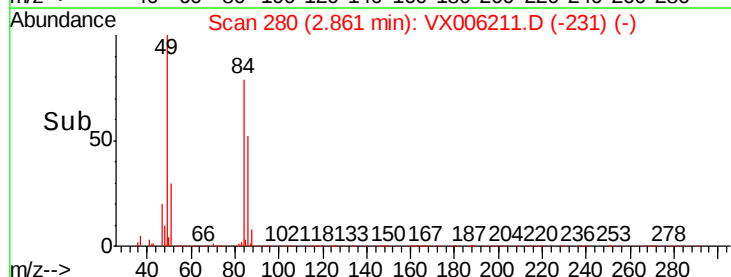
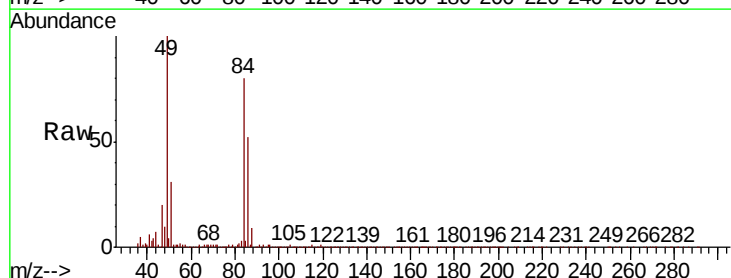
Manual Integrations
APPROVED

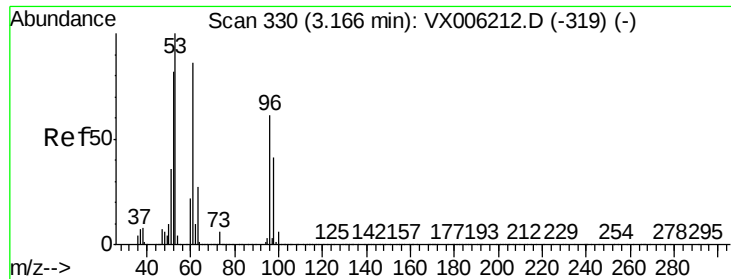
MMDadoda
11/30/2018 10:13:06 AM



#20
Methylene Chloride
Concen: 19.468 ug/l
RT: 2.86 min Scan# 280
Delta R.T. 0.00 min
Lab File: VX006211.D
Acq: 29 Nov 2018 14:58

Tgt Ion	Ratio	Lower	Upper
84	100		
49	126.2	102.2	153.4
51	38.0	31.1	46.7
86	65.4	53.7	80.5





#21

trans-1,2-Dichloroethene

Concen: 20.018 ug/l

RT: 3.17 min Scan# 330

Delta R.T. 0.00 min

Lab File: VX006211.D

Acq: 29 Nov 2018 14:58

Instrument :

MSVOA_X

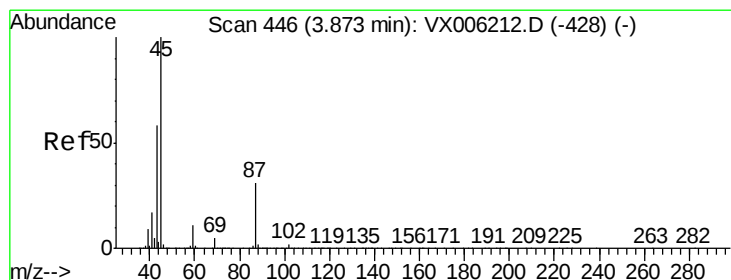
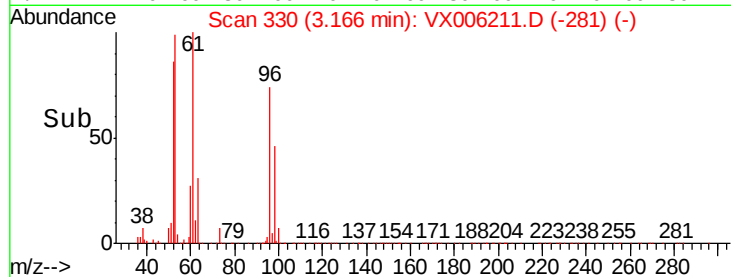
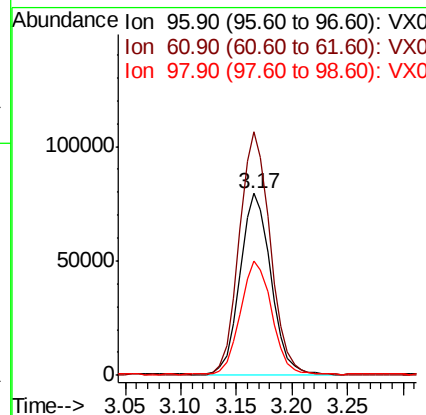
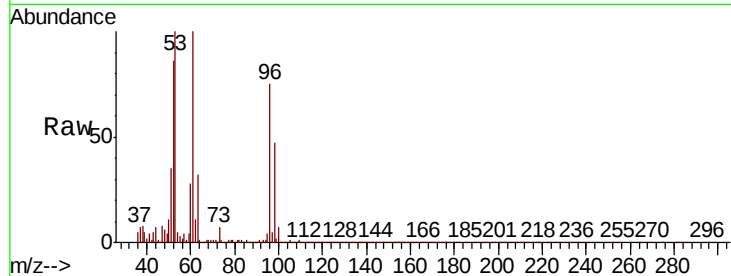
ClientSampleId :

VSTDIC020

Tgt Ion:	96	Resp:	151361
Ion	Ratio	Lower	Upper
96	100		
61	134.3	113.3	169.9
98	62.5	53.2	79.8

Manual Integrations
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11/30/2018 10:13:06 AM



#22

Diisopropyl ether

Concen: 20.030 ug/l

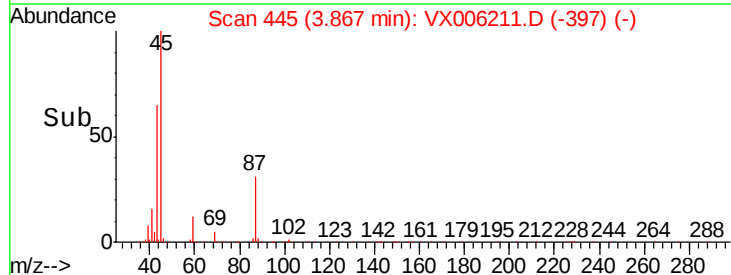
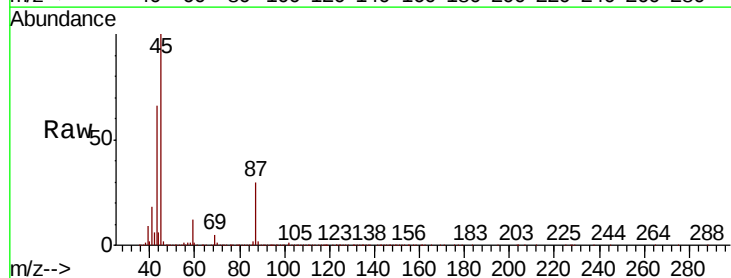
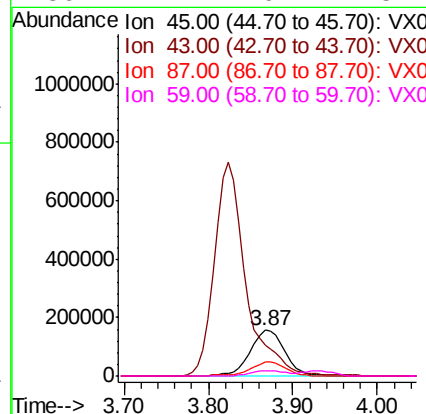
RT: 3.87 min Scan# 445

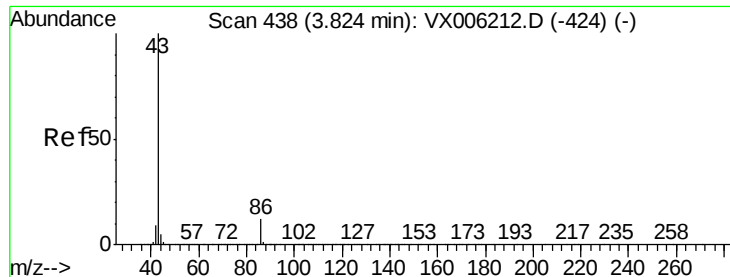
Delta R.T. -0.01 min

Lab File: VX006211.D

Acq: 29 Nov 2018 14:58

Tgt Ion:	45	Resp:	438504
Ion	Ratio	Lower	Upper
45	100		
43	64.6	46.2	69.2
87	30.3	24.9	37.3
59	11.7	9.1	13.7





#23

Vinyl Acetate

Concen: 101.364 ug/l

RT: 3.82 min Scan# 438

Delta R.T. 0.00 min

Lab File: VX006211.D

Acq: 29 Nov 2018 14:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

Tgt Ion: 43 Resp: 1892673

Ion Ratio Lower Upper

43 100

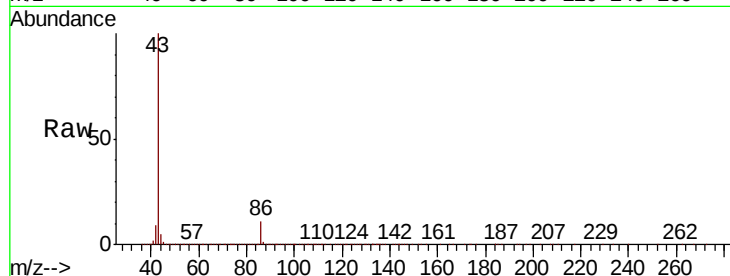
86 11.3 9.4 14.0

Manual Integrations

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MMDadoda

11/30/2018 10:13:06 AM



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

3.82

800000

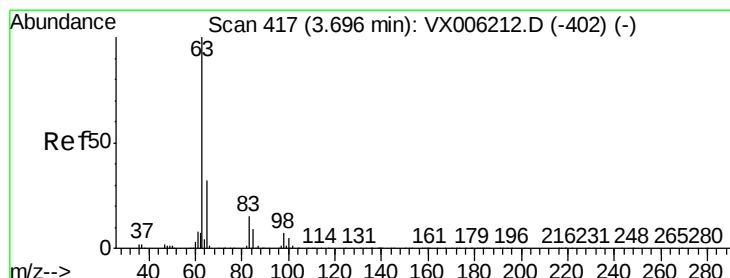
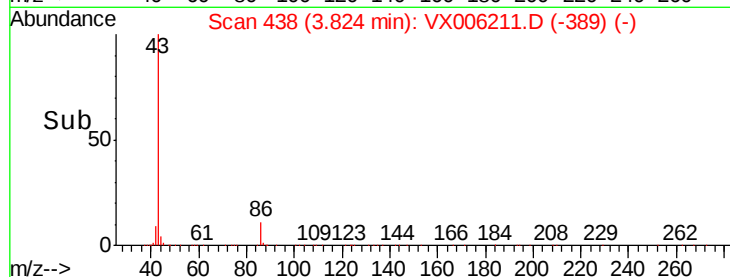
600000

400000

200000

0

Time-->



#24

1,1-Dichloroethane

Concen: 19.923 ug/l

RT: 3.70 min Scan# 417

Delta R.T. 0.00 min

Lab File: VX006211.D

Acq: 29 Nov 2018 14:58

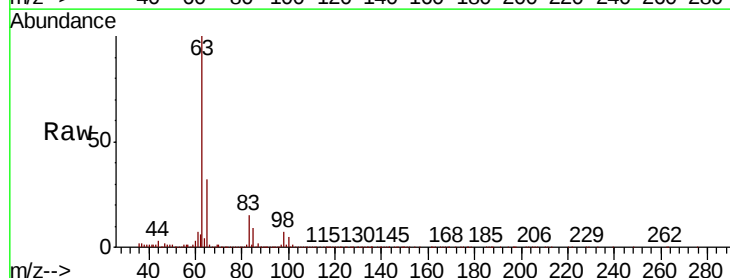
Tgt Ion: 63 Resp: 249294

Ion Ratio Lower Upper

63 100

98 6.8 3.8 11.4

100 4.5 2.5 7.4



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0

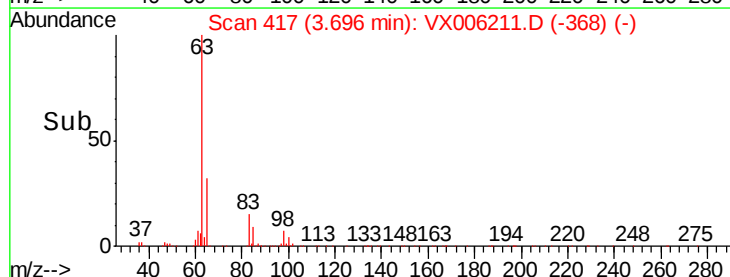
3.70

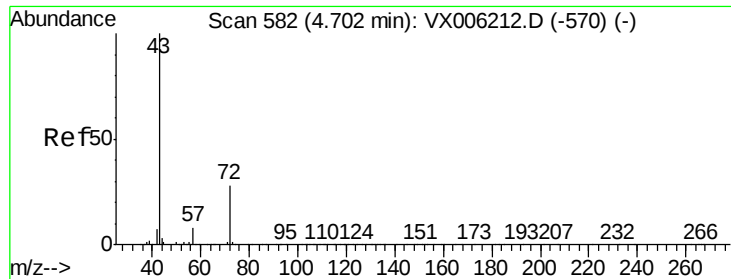
100000

50000

0

Time-->





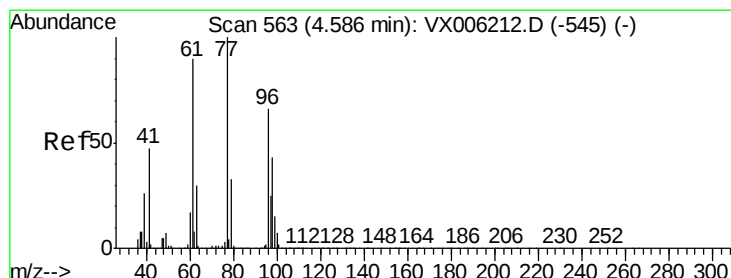
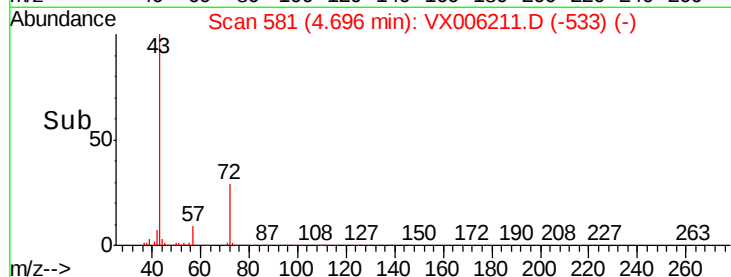
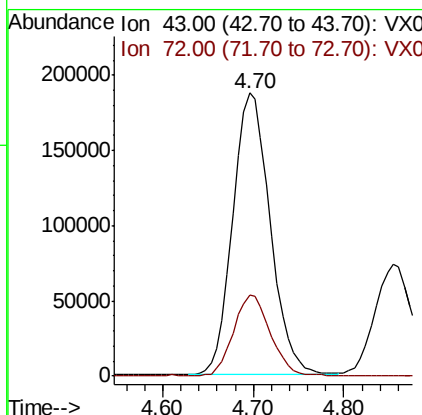
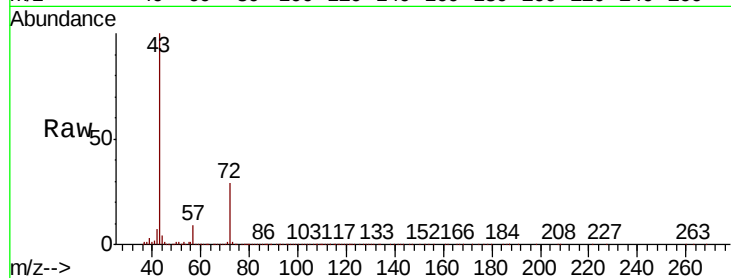
#25
2-Butanone
Concen: 100.288 ug/l
RT: 4.70 min Scan# 581
Delta R.T. -0.01 min
Lab File: VX006211.D
Acq: 29 Nov 2018 14:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tgt Ion: 43 Resp: 537544
Ion Ratio Lower Upper
43 100
72 28.6 22.6 33.8

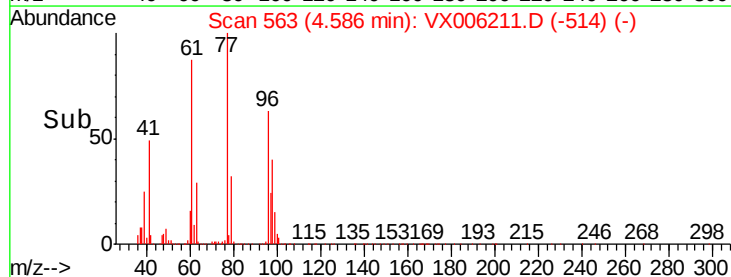
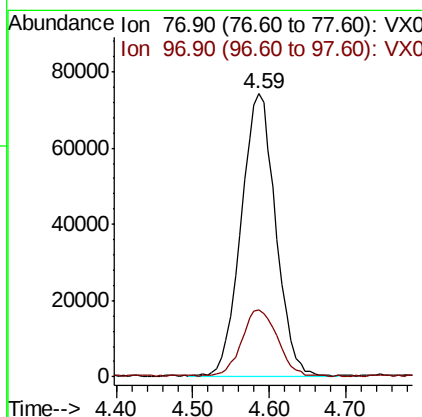
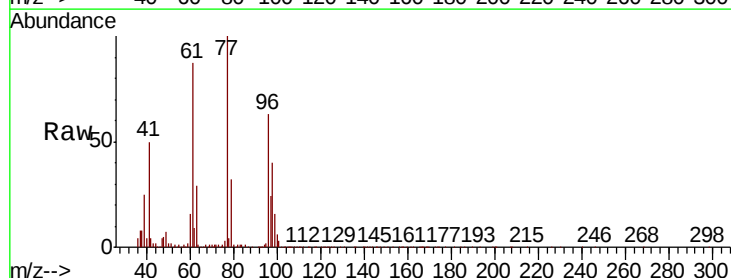
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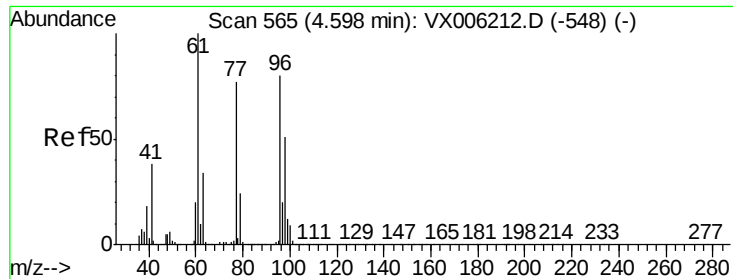
MMDadoda
11/30/2018 10:13:06 AM



#26
2,2-Dichloropropane
Concen: 20.085 ug/l
RT: 4.59 min Scan# 563
Delta R.T. 0.00 min
Lab File: VX006211.D
Acq: 29 Nov 2018 14:58

Tgt Ion: 77 Resp: 231948
Ion Ratio Lower Upper
77 100
97 24.5 12.3 36.8





#27

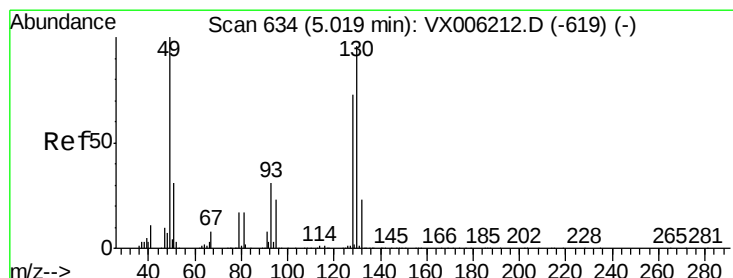
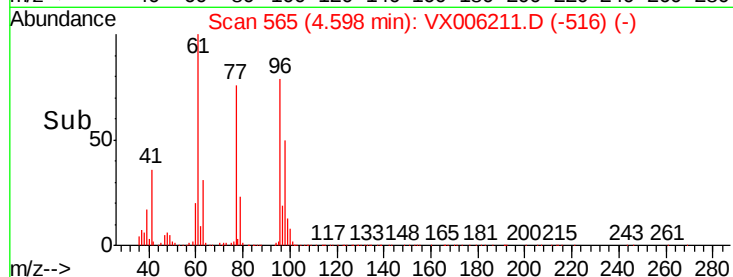
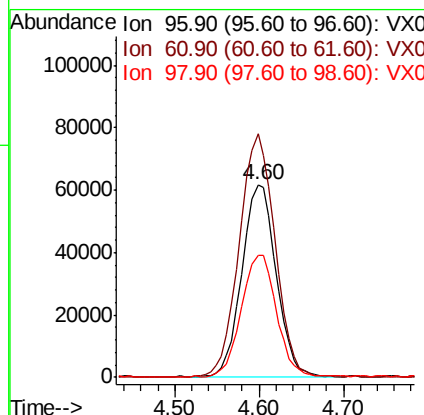
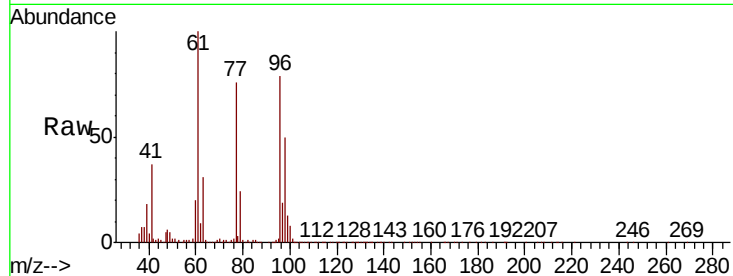
cis-1,2-Dichloroethene
Concen: 20.192 ug/l
RT: 4.60 min Scan# 565
Delta R.T. 0.00 min
Lab File: VX006211.D
Acq: 29 Nov 2018 14:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tgt Ion	Ratio	Resp	Lower	Upper
96	100	170302		
61	131.1	0.0	265.0	
98	64.6	0.0	130.2	

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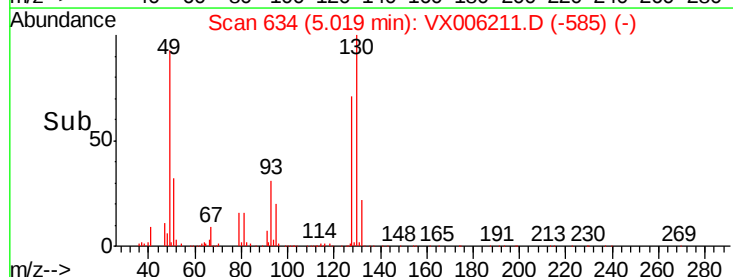
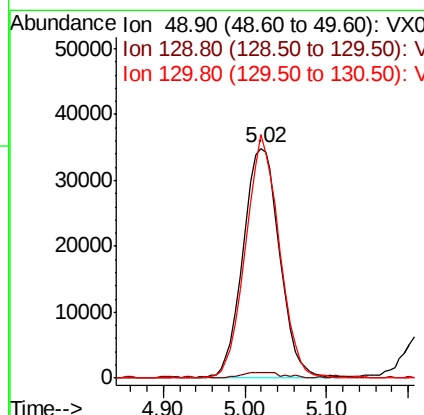
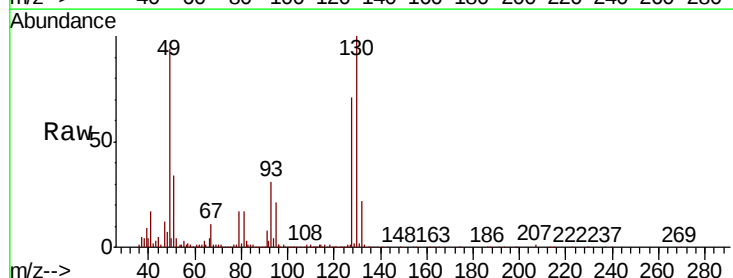
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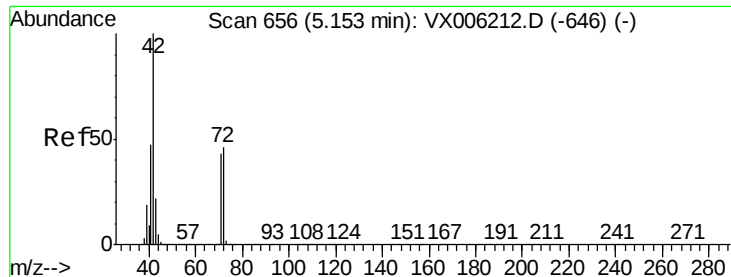


#28

Bromochloromethane
Concen: 19.978 ug/l
RT: 5.02 min Scan# 634
Delta R.T. 0.00 min
Lab File: VX006211.D
Acq: 29 Nov 2018 14:58

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	109190		
129	2.4	0.0	5.0	
130	97.3	78.3	117.5	





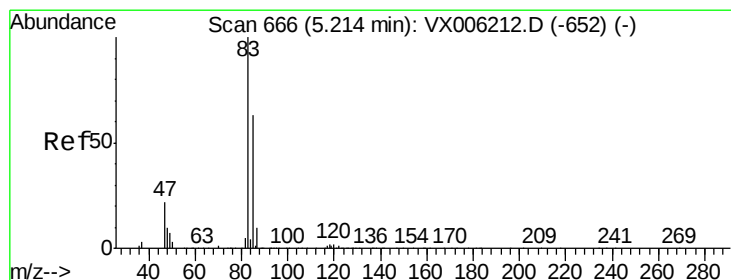
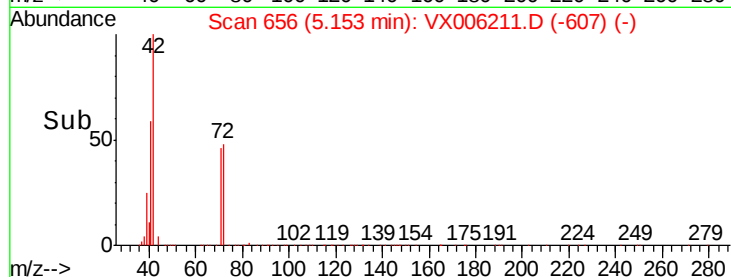
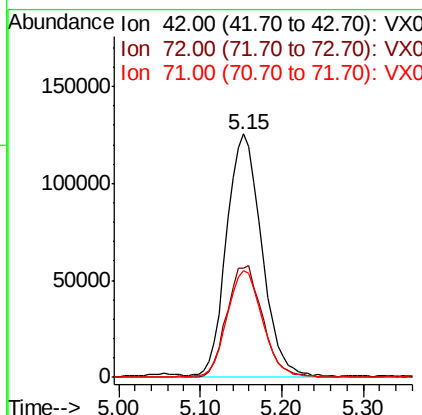
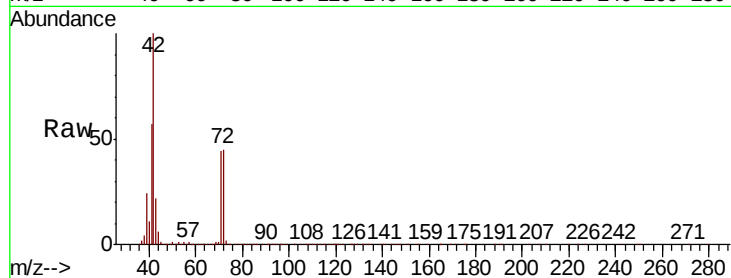
#29
Tetrahydrofuran
Concen: 99.916 ug/l
RT: 5.15 min Scan# 656
Delta R.T. 0.00 min
Lab File: VX006211.D
Acq: 29 Nov 2018 14:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tgt Ion	Ratio	Lower	Upper
42	100		
72	47.1	37.8	56.8
71	44.0	35.2	52.8

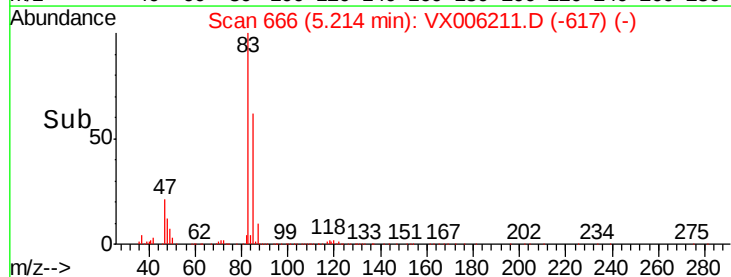
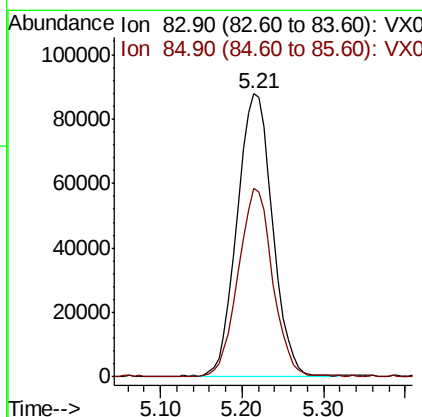
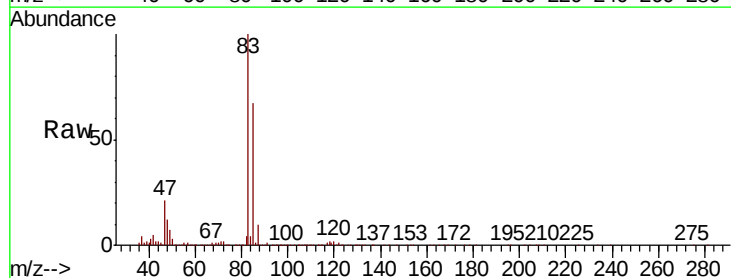
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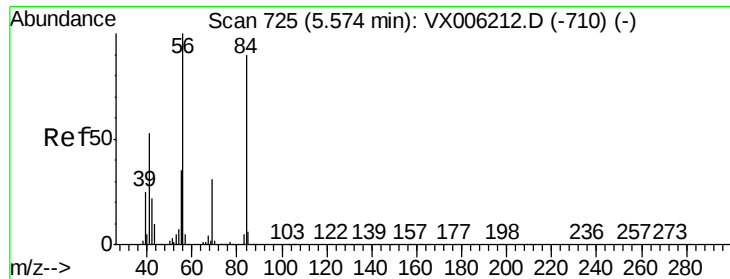
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#30
Chloroform
Concen: 19.938 ug/l
RT: 5.21 min Scan# 666
Delta R.T. 0.00 min
Lab File: VX006211.D
Acq: 29 Nov 2018 14:58

Tgt Ion	Ratio	Lower	Upper
83	100		
85	66.6	50.3	75.5





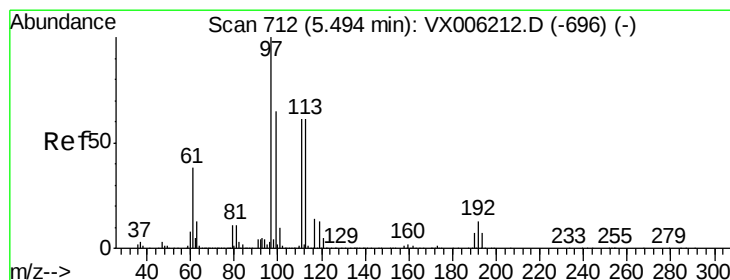
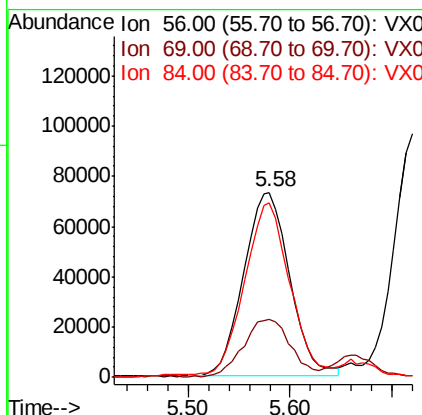
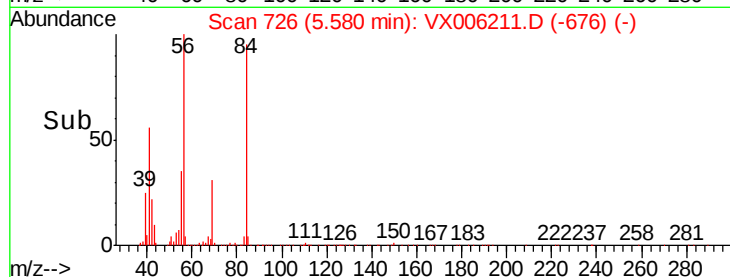
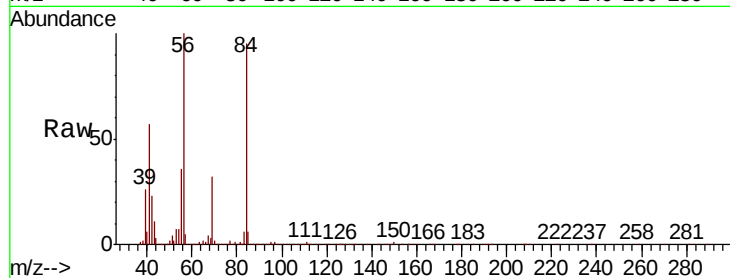
#31
Cyclohexane
Concen: 19.888 ug/l
RT: 5.58 min Scan# 726
Delta R.T. 0.01 min
Lab File: VX006211.D
Acq: 29 Nov 2018 14:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tgt Ion: 56 Resp: 229981
Ion Ratio Lower Upper
56 100
69 31.2 24.5 36.7
84 93.5 71.8 107.6

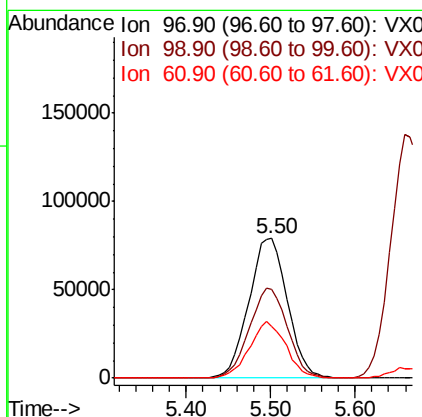
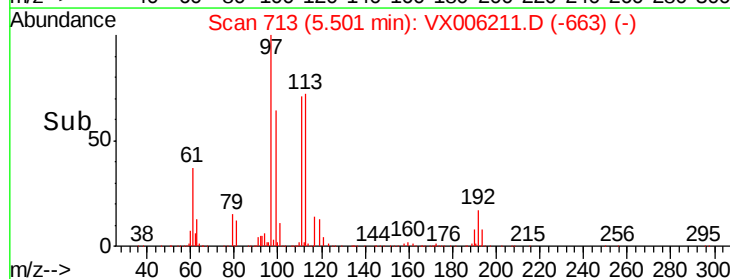
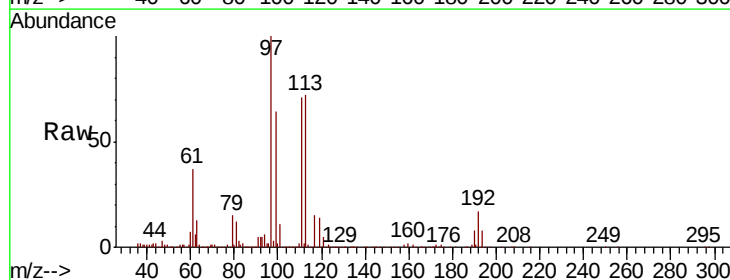
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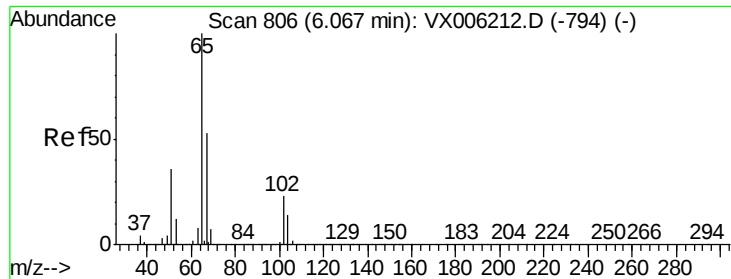
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#32
1,1,1-Trichloroethane
Concen: 19.703 ug/l
RT: 5.50 min Scan# 713
Delta R.T. 0.01 min
Lab File: VX006211.D
Acq: 29 Nov 2018 14:58

Tgt Ion: 97 Resp: 246507
Ion Ratio Lower Upper
97 100
99 63.6 51.6 77.4
61 38.7 30.6 46.0





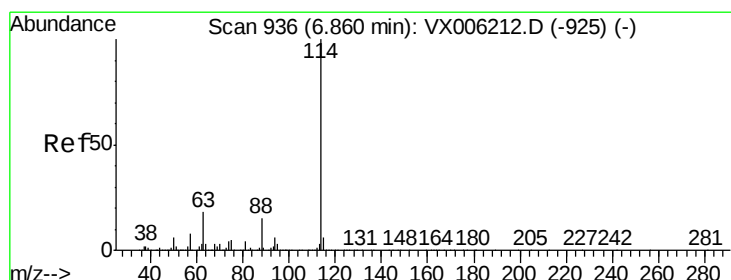
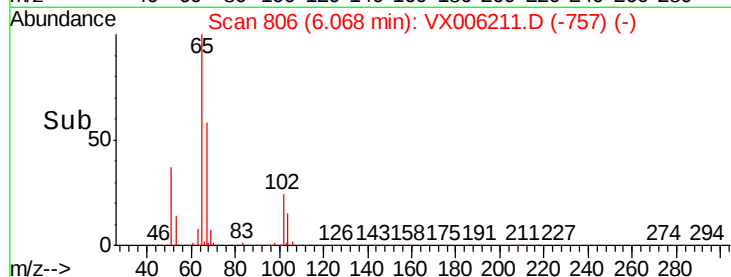
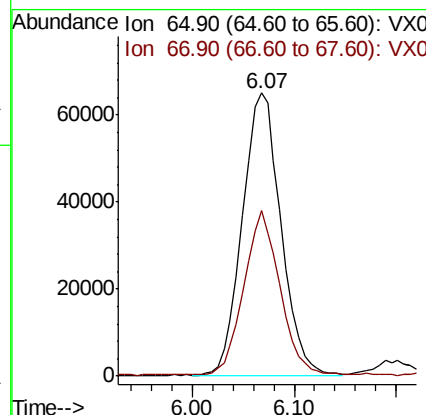
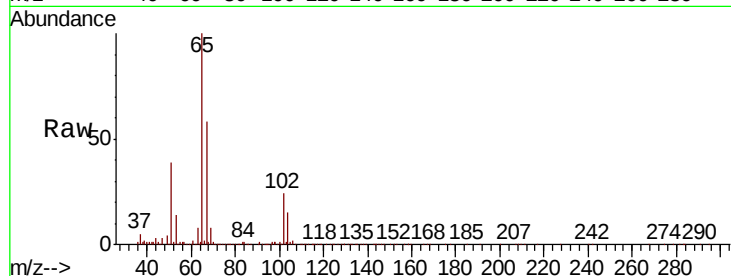
#33
 1,2-Dichloroethane-d4
 Concen: 21.251 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. 0.00 min
 Lab File: VX006211.D
 Acq: 29 Nov 2018 14:58

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

Tgt Ion	Ratio	Lower	Upper
65	100		
67	54.3	0.0	107.2

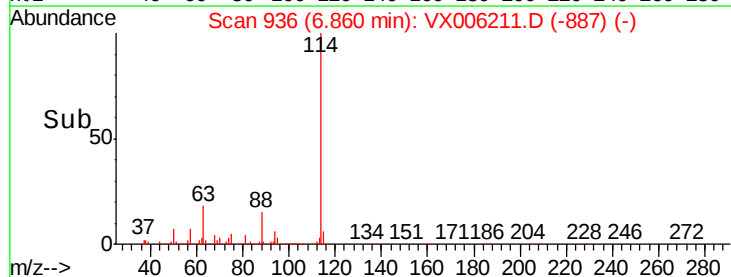
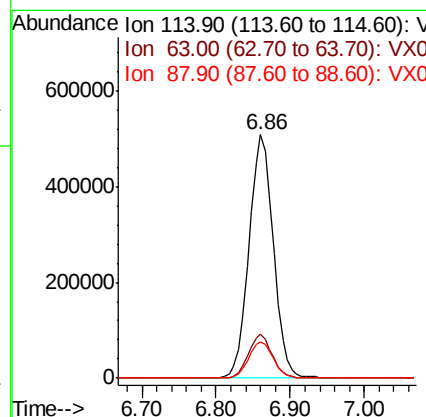
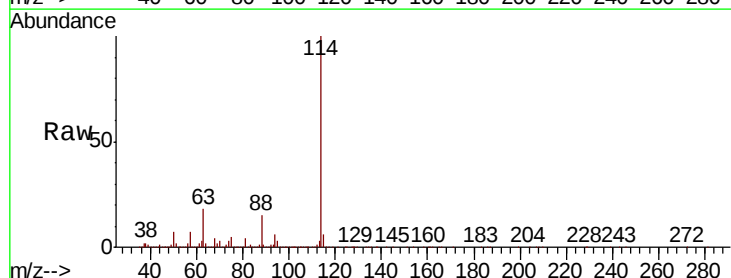
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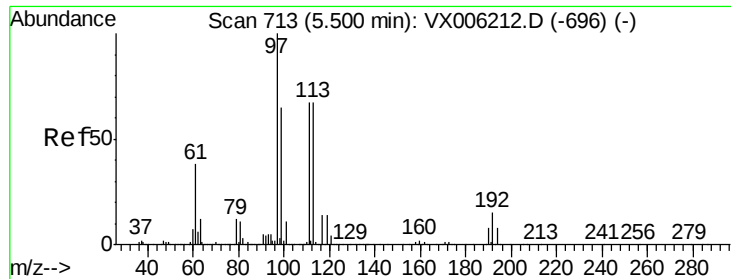
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX006211.D
 Acq: 29 Nov 2018 14:58

Tgt Ion	Ratio	Lower	Upper
114	100		
63	17.9	0.0	36.6
88	14.8	0.0	29.0





#35

Dibromofluoromethane

Concen: 21.490 ug/l

RT: 5.51 min Scan# 714

Delta R.T. 0.01 min

Lab File: VX006211.D

Acq: 29 Nov 2018 14:58

Instrument :

MSVOA_X

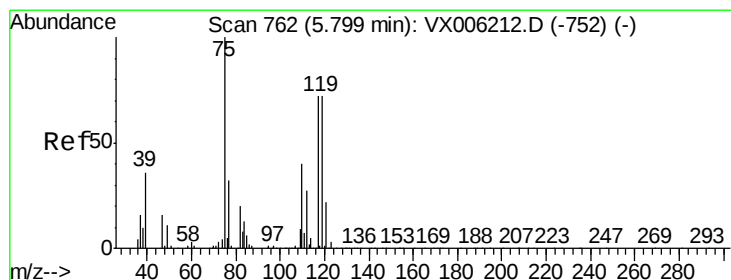
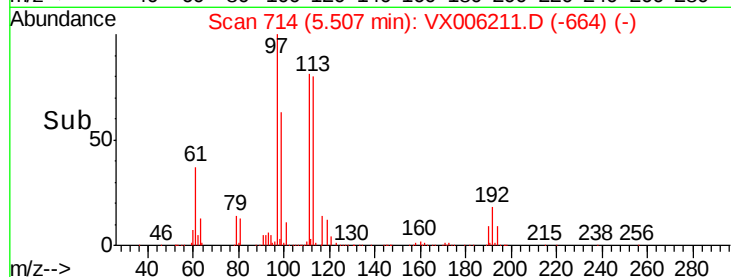
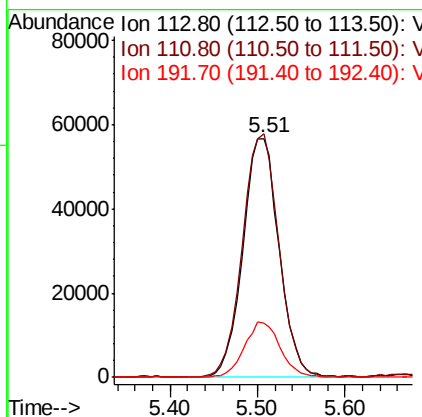
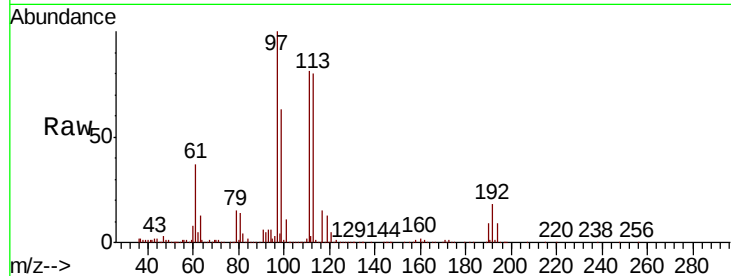
ClientSampleId :

VSTDIC020

Tgt Ion:	113	Resp:	163040
Ion Ratio	Lower	Upper	
113	100		
111	102.9	81.1	121.7
192	22.8	18.2	27.2

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#36

1,1-Dichloropropene

Concen: 19.533 ug/l

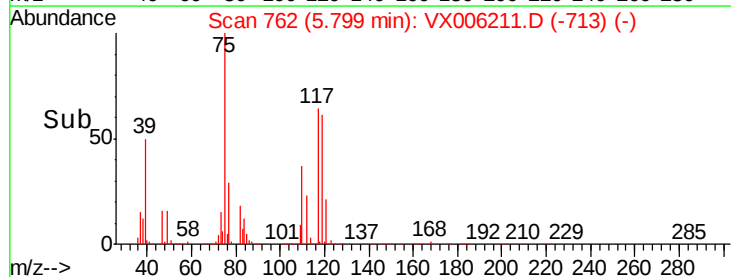
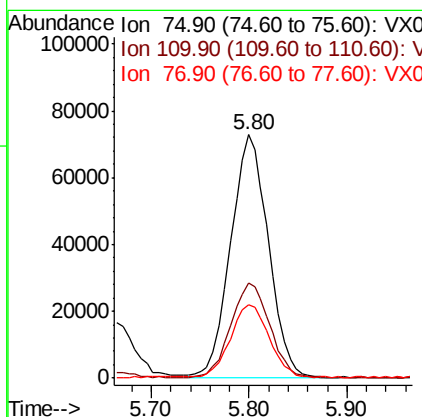
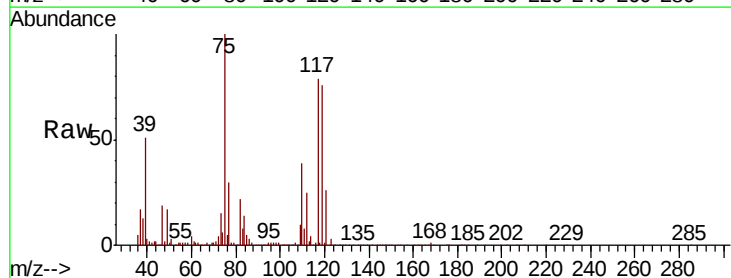
RT: 5.80 min Scan# 762

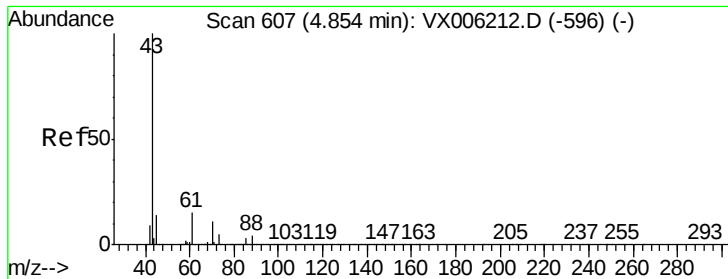
Delta R.T. 0.00 min

Lab File: VX006211.D

Acq: 29 Nov 2018 14:58

Tgt Ion:	75	Resp:	192745
Ion Ratio	Lower	Upper	
75	100		
110	40.4	20.4	61.3
77	30.6	24.9	37.3





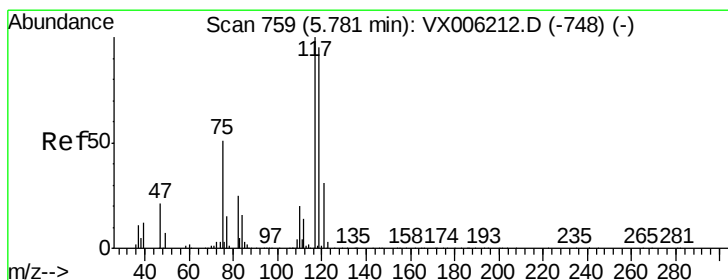
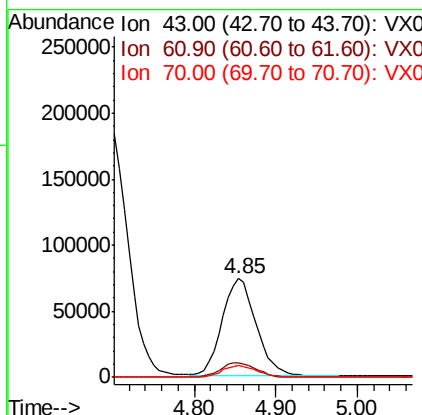
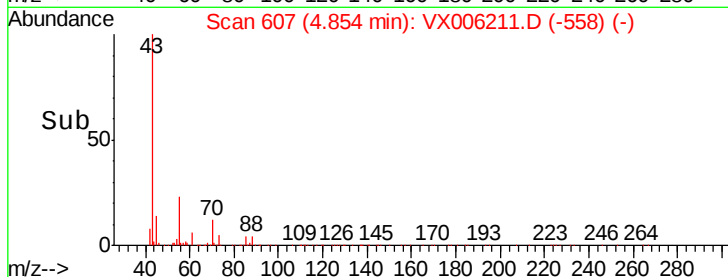
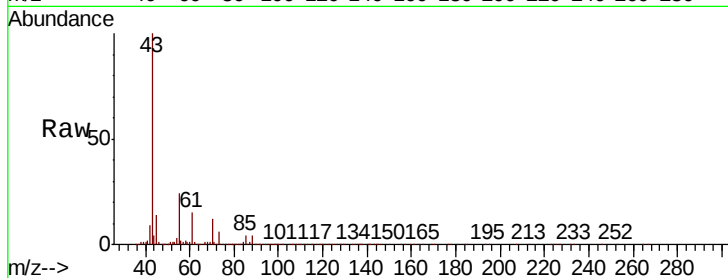
#37
Ethyl Acetate
Concen: 19.379 ug/l
RT: 4.85 min Scan# 607
Delta R.T. 0.00 min
Lab File: VX006211.D
Acq: 29 Nov 2018 14:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tgt Ion	Ratio	Lower	Upper
43	100		
61	15.0	11.5	17.3
70	11.7	9.0	13.6

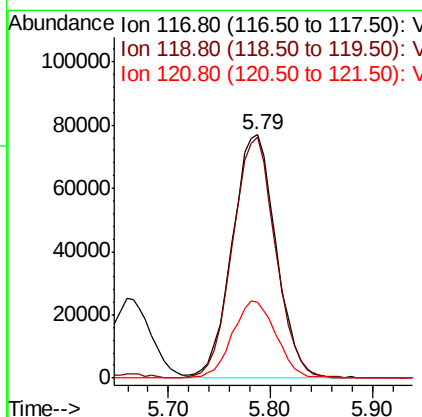
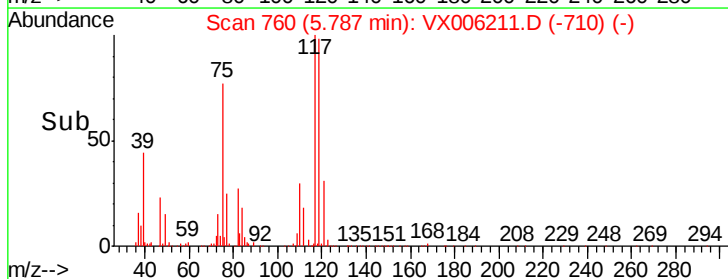
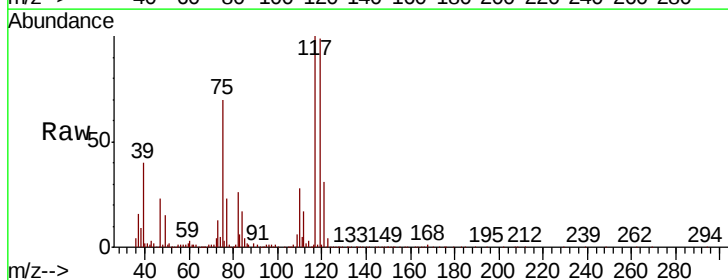
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#38
Carbon Tetrachloride
Concen: 19.598 ug/l
RT: 5.79 min Scan# 760
Delta R.T. 0.01 min
Lab File: VX006211.D
Acq: 29 Nov 2018 14:58

Tgt Ion	Ratio	Lower	Upper
117	100		
119	99.2	75.8	113.8
121	31.3	24.6	37.0





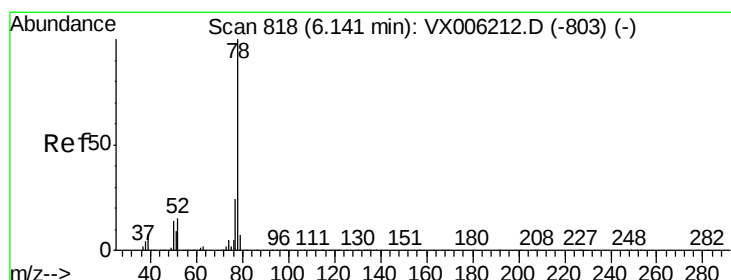
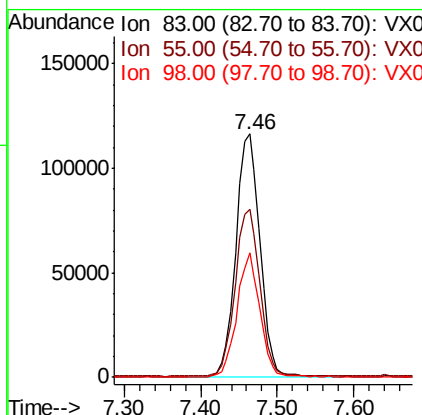
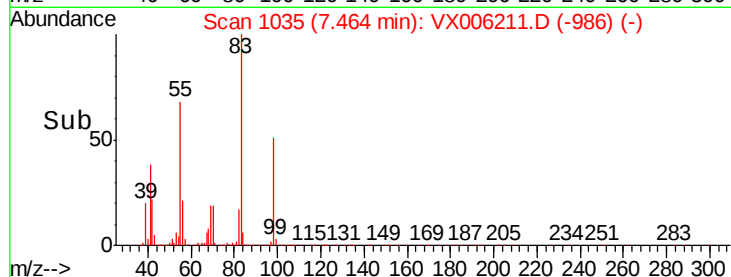
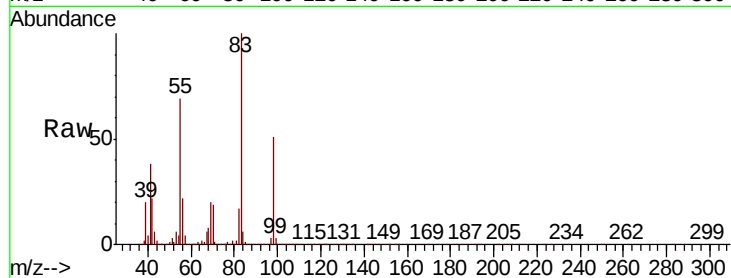
#39
Methylcyclohexane
Concen: 19.848 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. 0.00 min
Lab File: VX006211.D
Acq: 29 Nov 2018 14:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tgt Ion	Ratio	Lower	Upper
83	100		
55	68.7	56.4	84.6
98	50.8	39.0	58.6

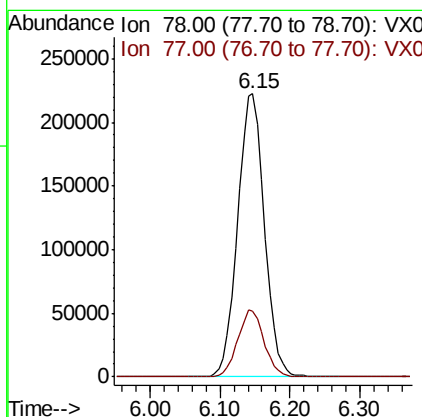
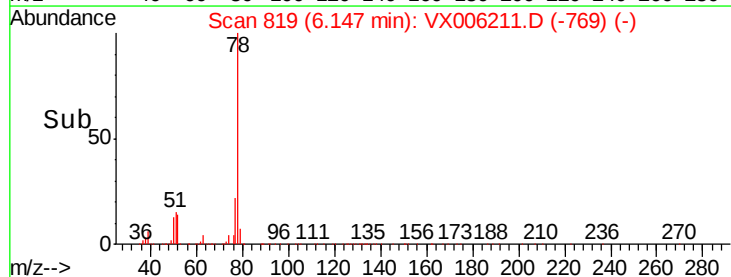
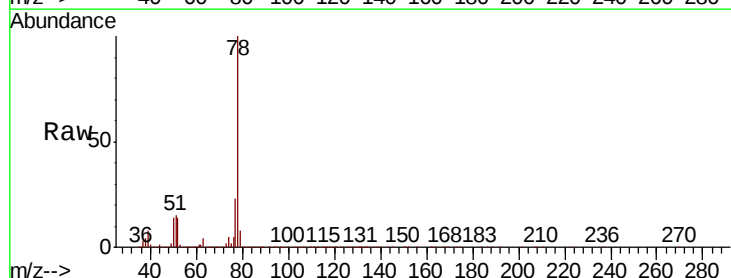
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#40
Benzene
Concen: 19.960 ug/l
RT: 6.15 min Scan# 819
Delta R.T. 0.01 min
Lab File: VX006211.D
Acq: 29 Nov 2018 14:58

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.1	19.2	28.8





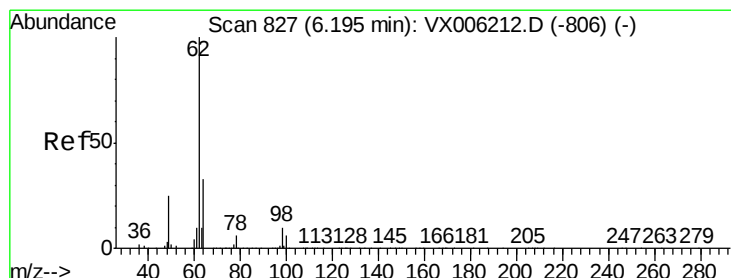
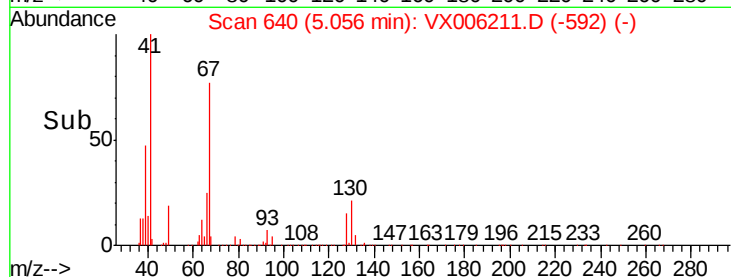
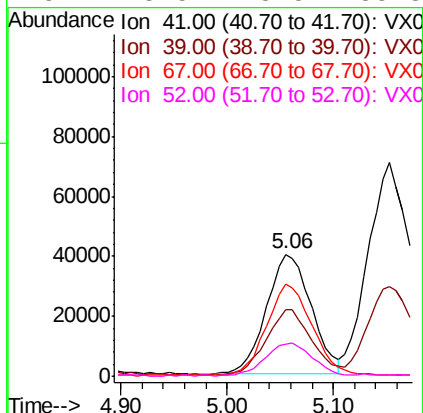
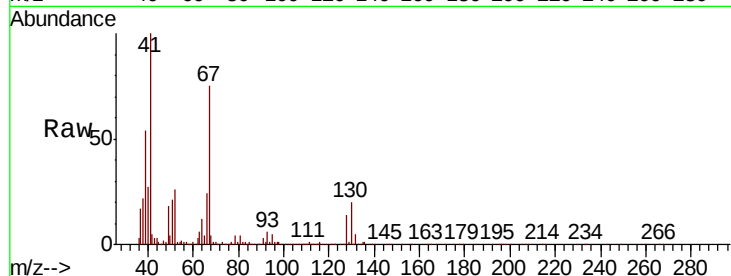
#41
Methacrylonitrile
Concen: 19.242 ug/l
RT: 5.06 min Scan# 640
Delta R.T. -0.01 min
Lab File: VX006211.D
Acq: 29 Nov 2018 14:58

Instrument :
MSVOA_X
ClientSampled :
VSTDIC020

Tgt Ion	Ion	Ratio	Lower	Upper
41	100			
39	55.1	44.0	66.0	
67	76.9	61.4	92.0	
52	28.5	23.5	35.3	

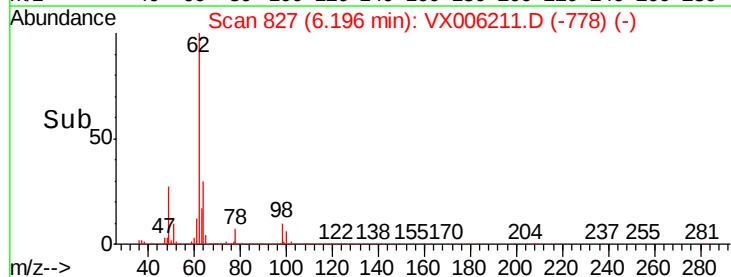
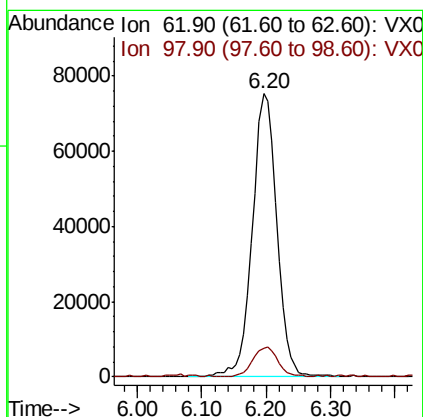
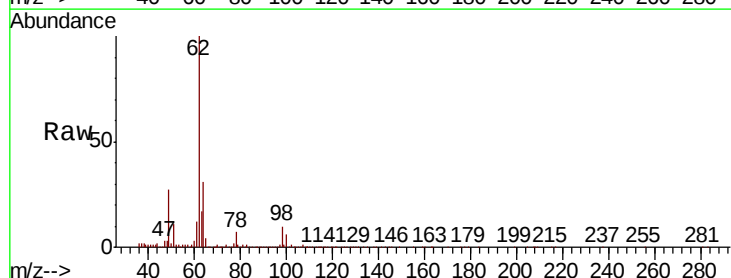
Manual Integrations
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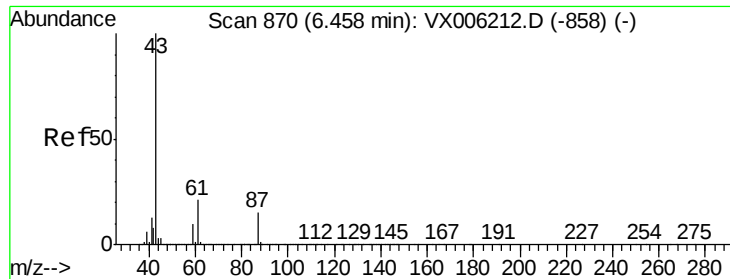
MMDadoda
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#42
1,2-Dichloroethane
Concen: 20.151 ug/l
RT: 6.20 min Scan# 827
Delta R.T. 0.00 min
Lab File: VX006211.D
Acq: 29 Nov 2018 14:58

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





#43

Isopropyl Acetate

Concen: 19.582 ug/l

RT: 6.46 min Scan# 870

Delta R.T. 0.00 min

Lab File: VX006211.D

Acq: 29 Nov 2018 14:58

Instrument :

MSVOA_X

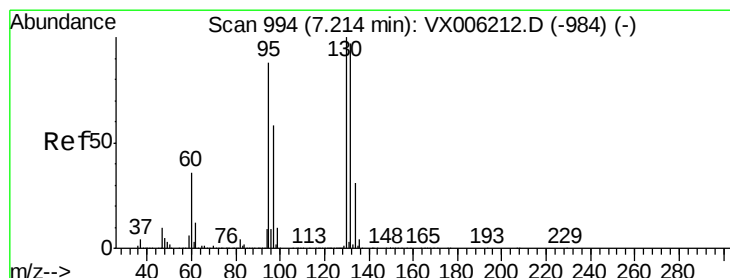
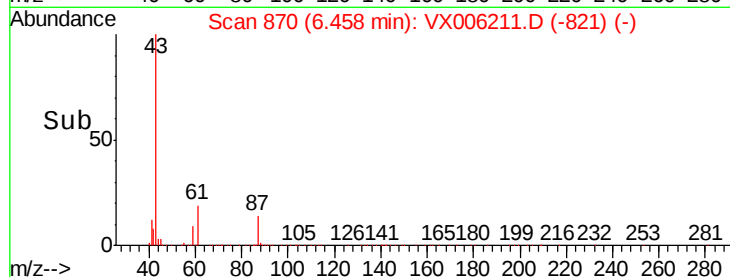
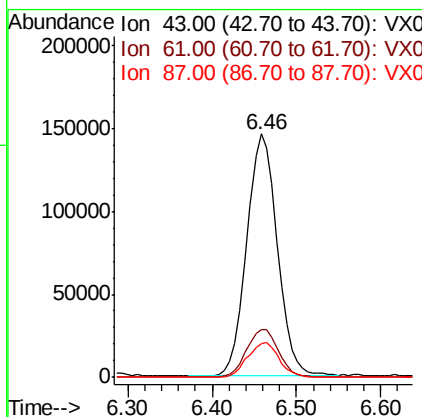
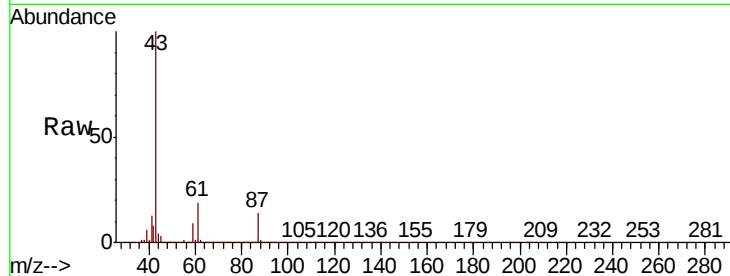
ClientSampleId :

VSTDIC020

Tgt Ion:	43	Resp:	360790
Ion Ratio	Lower	Upper	
43	100		
61	20.6	16.8	25.2
87	14.8	11.9	17.9

Manual Integrations
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#44

Trichloroethene

Concen: 19.270 ug/l

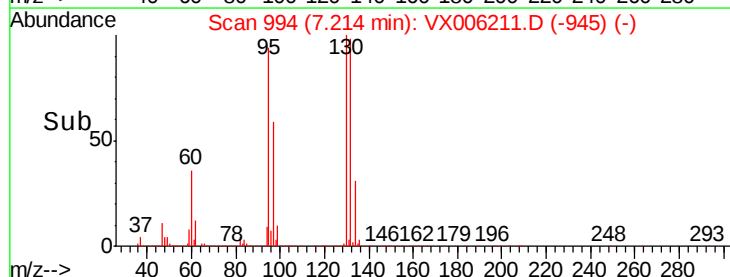
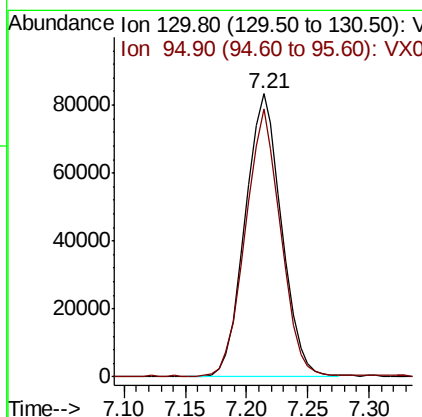
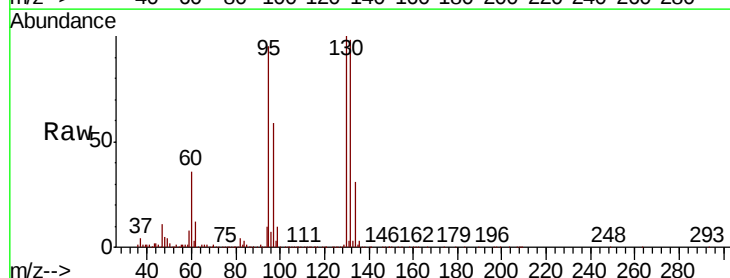
RT: 7.21 min Scan# 994

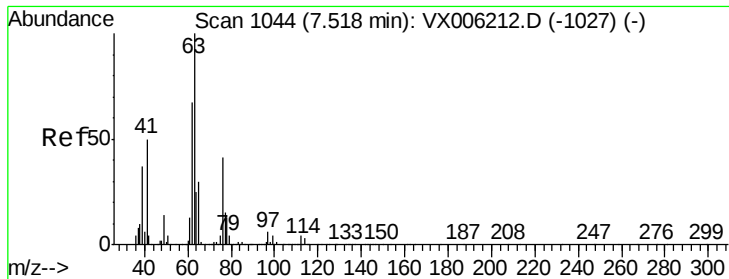
Delta R.T. 0.00 min

Lab File: VX006211.D

Acq: 29 Nov 2018 14:58

Tgt Ion:	130	Resp:	172531
Ion Ratio	Lower	Upper	
130	100		
95	94.4	0.0	175.8





#45

1,2-Dichloropropane

Concen: 19.774 ug/l

RT: 7.52 min Scan# 1044

Delta R.T. 0.00 min

Lab File: VX006211.D

Acq: 29 Nov 2018 14:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

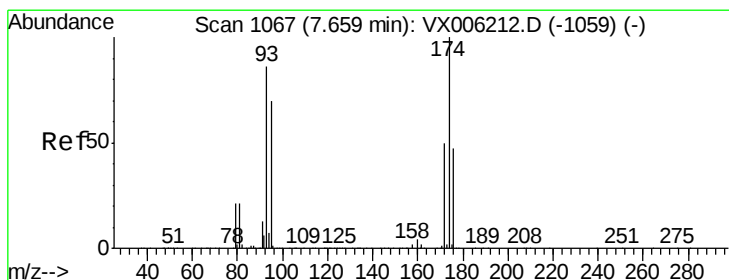
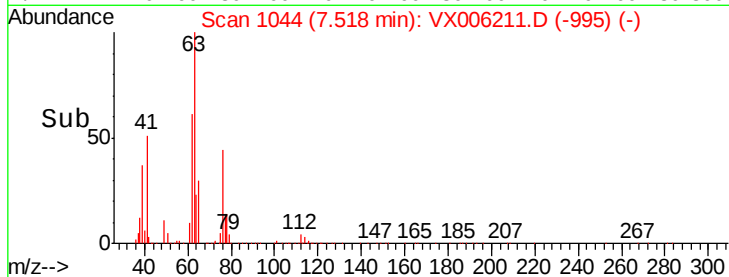
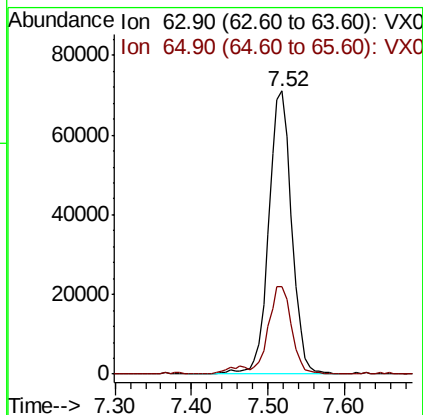
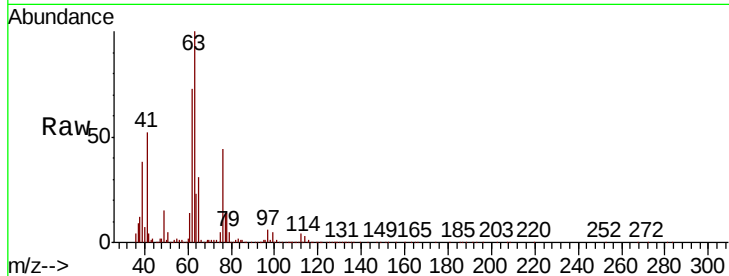
Tgt Ion: 63 Resp: 148527
Ion Ratio Lower Upper

63 100

65 30.8 24.3 36.5

Manual Integrations
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#46

Dibromomethane

Concen: 19.873 ug/l

RT: 7.66 min Scan# 1067

Delta R.T. 0.00 min

Lab File: VX006211.D

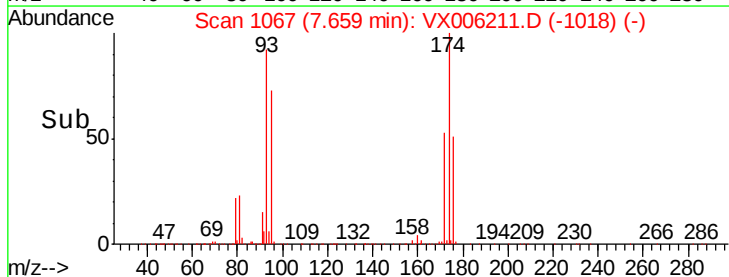
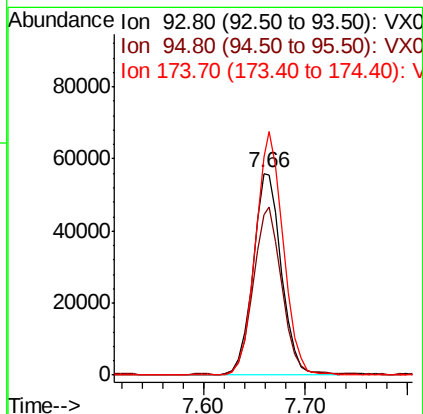
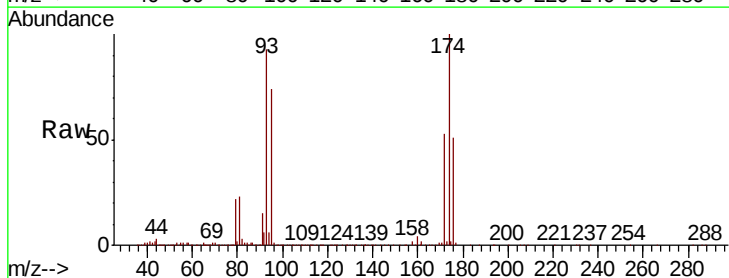
Acq: 29 Nov 2018 14:58

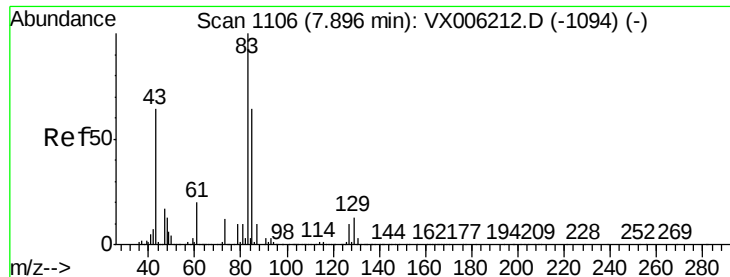
Tgt Ion: 93 Resp: 107808
Ion Ratio Lower Upper

93 100

95 83.2 66.2 99.4

174 118.8 97.2 145.8





#47

Bromodichloromethane

Concen: 19.913 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. 0.00 min

Lab File: VX006211.D

Acq: 29 Nov 2018 14:58

Instrument :

MSVOA_X

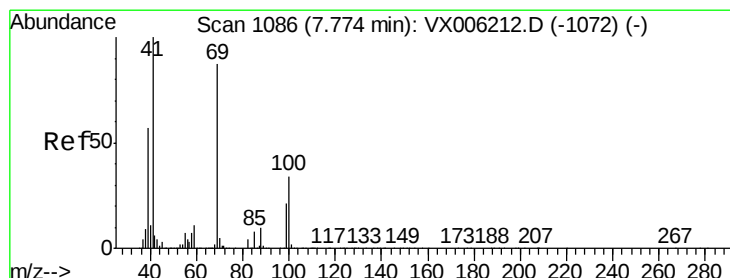
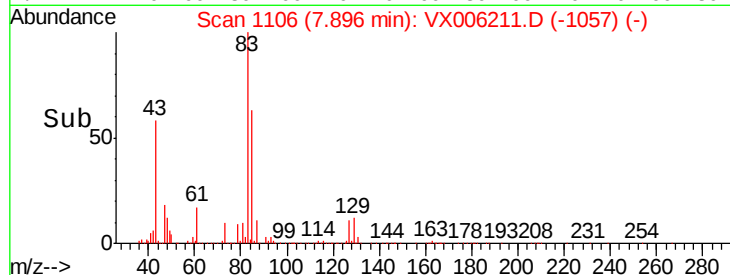
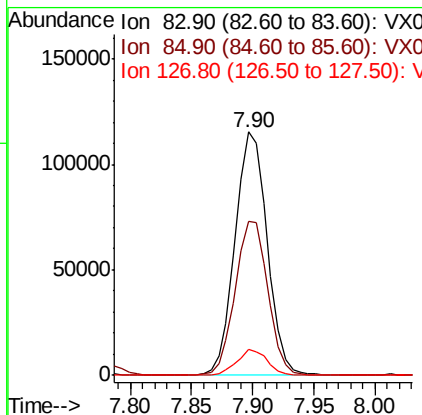
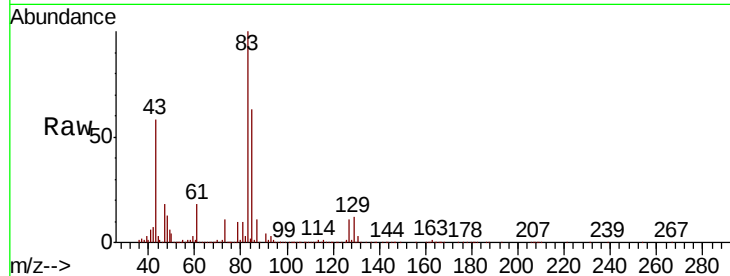
ClientSampleId :

VSTDIC020

Tgt Ion:	83	Resp:	209191
Ion Ratio	Lower	Upper	
83	100		
85	63.0	51.4	77.0
127	10.5	7.9	11.9

Manual Integrations
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#48

Methyl methacrylate

Concen: 19.602 ug/l

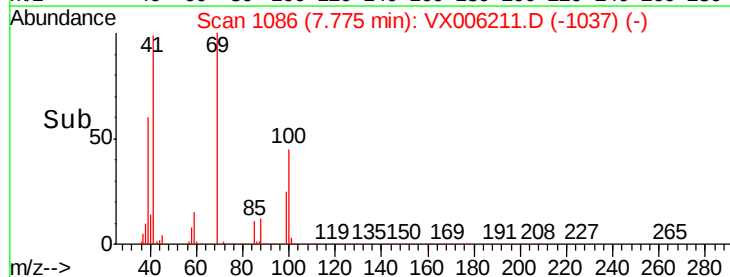
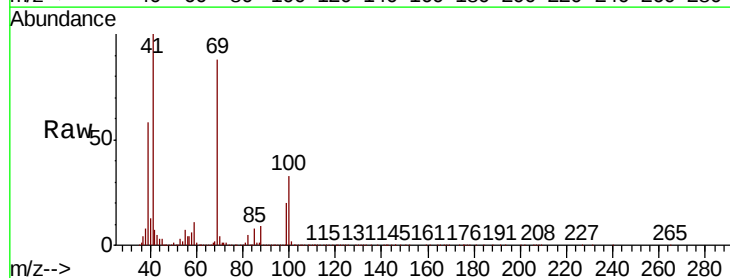
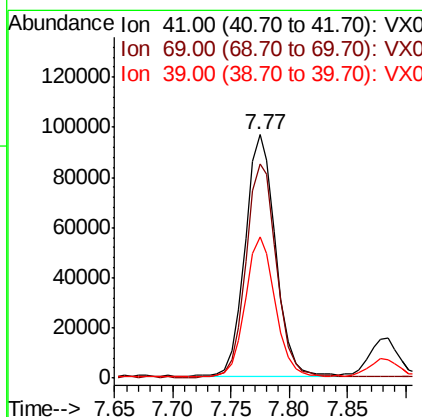
RT: 7.77 min Scan# 1086

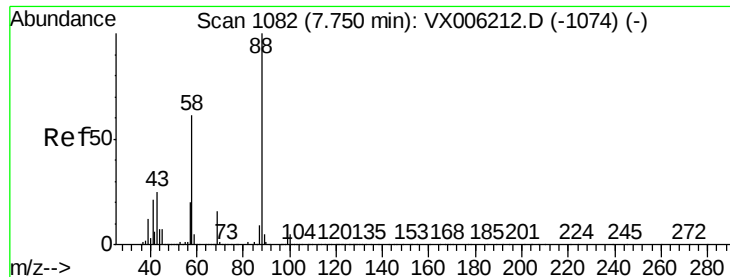
Delta R.T. 0.00 min

Lab File: VX006211.D

Acq: 29 Nov 2018 14:58

Tgt Ion:	41	Resp:	175699
Ion Ratio	Lower	Upper	
41	100		
69	89.0	70.3	105.5
39	56.6	45.3	67.9





#49

1,4-Dioxane

Concen: 405.311 ug/l

RT: 7.75 min Scan# 1082

Delta R.T. 0.00 min

Lab File: VX006211.D

Acq: 29 Nov 2018 14:58

Instrument :

MSVOA_X

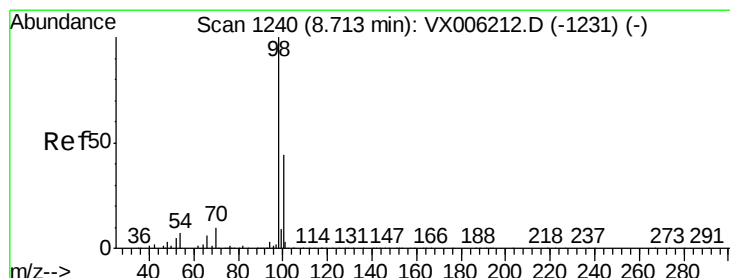
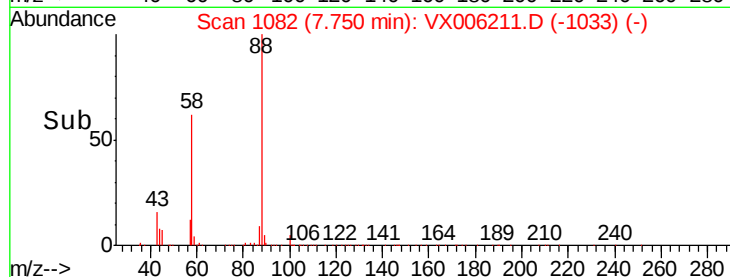
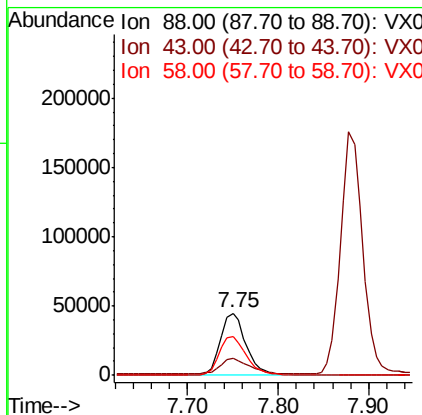
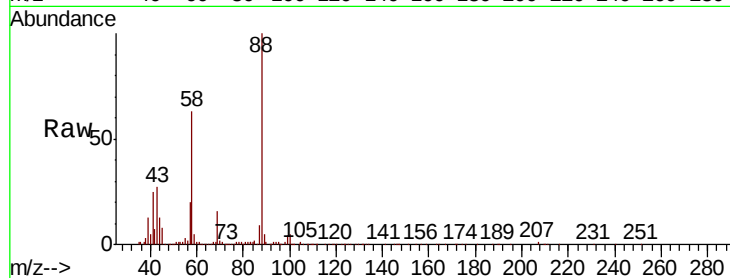
ClientSampleId :

VSTDIC020

Tgt Ion:	88	Resp:	89537
Ion	Ratio	Lower	Upper
88	100		
43	28.9	23.2	34.8
58	64.4	51.4	77.0

Manual Integrations
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#50

Toluene-d8

Concen: 21.352 ug/l

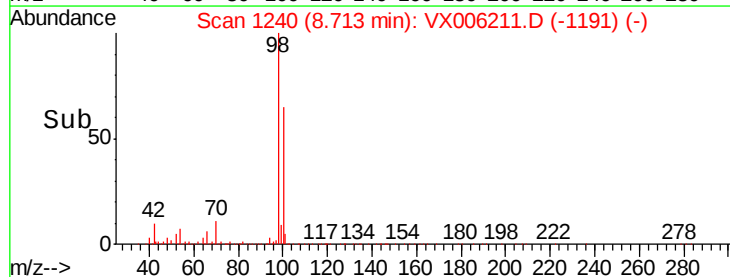
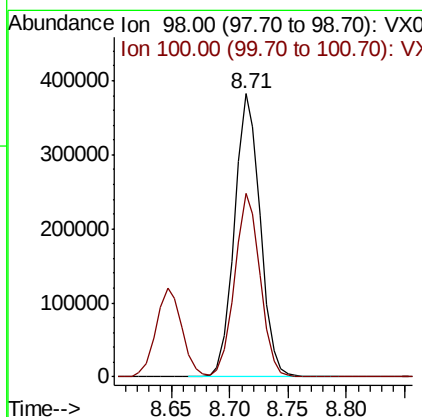
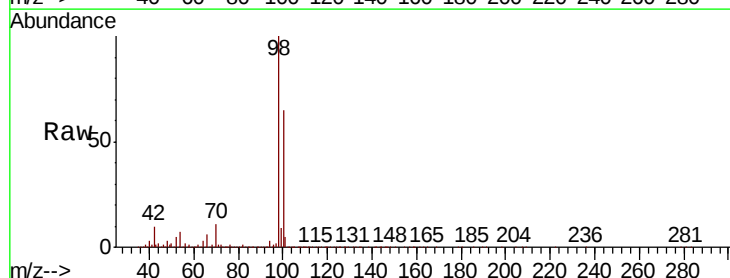
RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX006211.D

Acq: 29 Nov 2018 14:58

Tgt Ion:	98	Resp:	589230
Ion	Ratio	Lower	Upper
98	100		
100	64.3	52.2	78.2





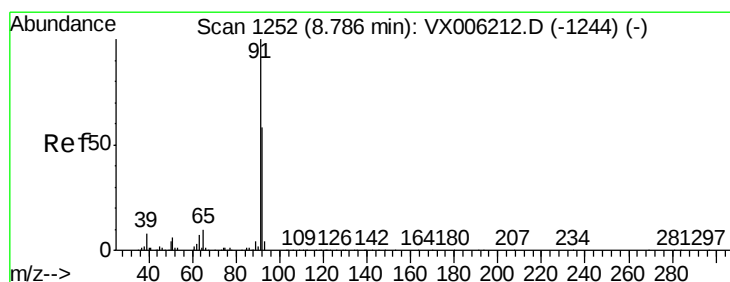
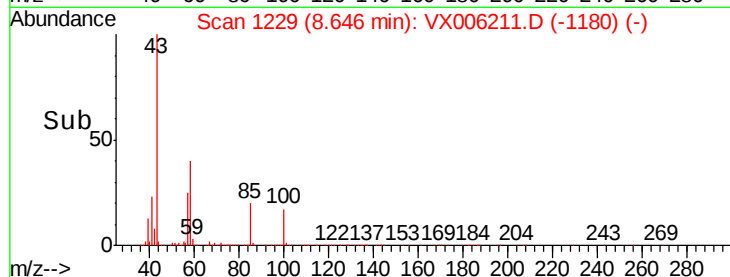
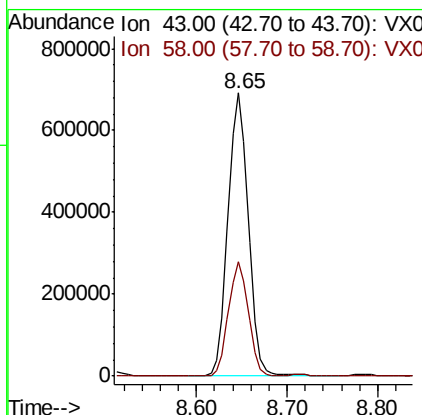
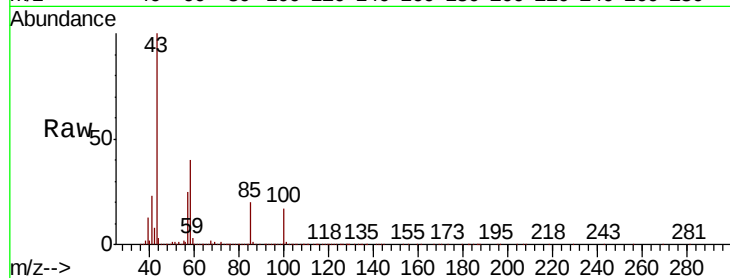
#51
 4-Methyl-2-Pentanone
 Concen: 100.534 ug/l
 RT: 8.65 min Scan# 1229
 Delta R.T. 0.00 min
 Lab File: VX006211.D
 Acq: 29 Nov 2018 14:58

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

Tgt Ion: 43 Resp: 1078276
 Ion Ratio Lower Upper
 43 100
 58 39.5 31.3 46.9

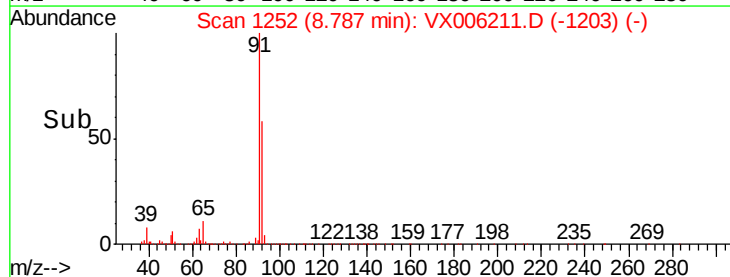
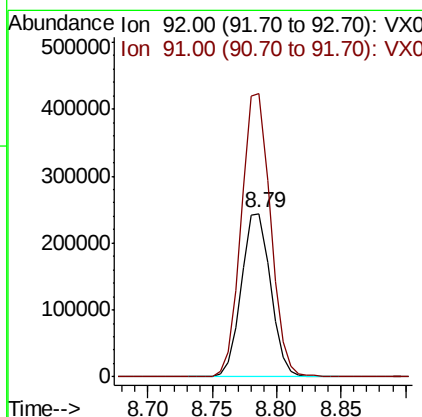
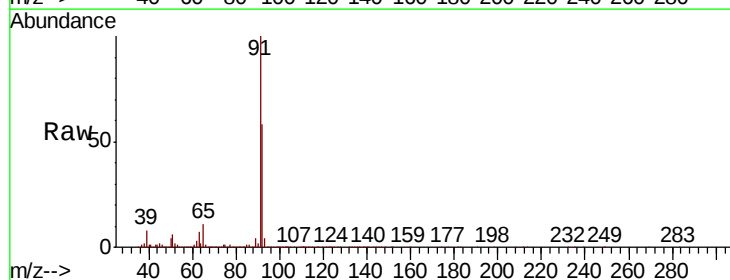
Manual Integrations
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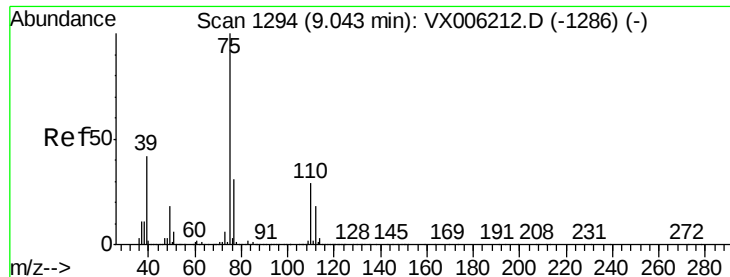
MMDadoda
 11/30/2018 10:13:06 AM



#52
 Toluene
 Concen: 19.675 ug/l
 RT: 8.79 min Scan# 1252
 Delta R.T. 0.00 min
 Lab File: VX006211.D
 Acq: 29 Nov 2018 14:58

Tgt Ion: 92 Resp: 382551
 Ion Ratio Lower Upper
 92 100
 91 173.7 139.2 208.8





#53

t-1,3-Dichloropropene

Concen: 19.648 ug/l

RT: 9.04 min Scan# 1294

Delta R.T. 0.00 min

Lab File: VX006211.D

Acq: 29 Nov 2018 14:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

Tgt Ion: 75 Resp: 241389

Ion Ratio Lower Upper

75 100

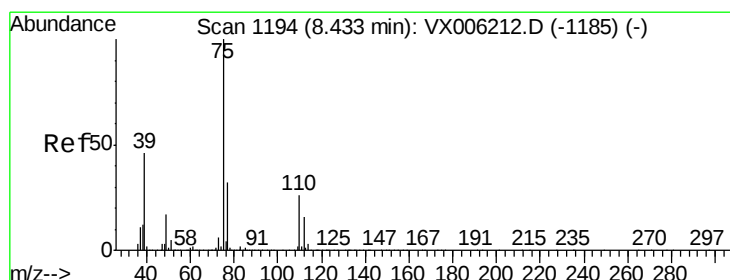
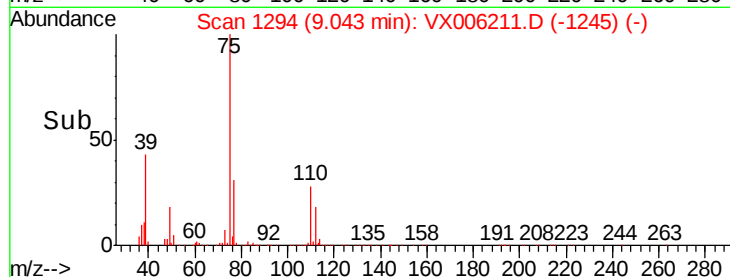
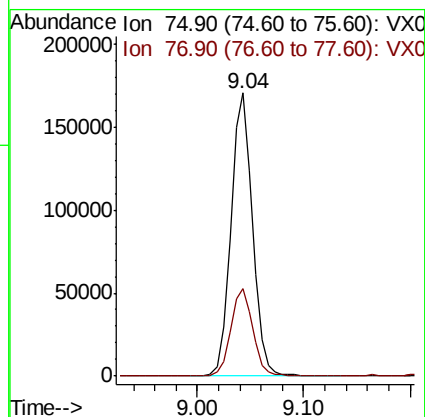
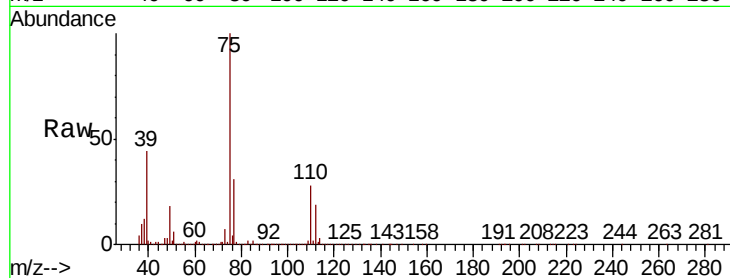
77 30.5 25.0 37.4

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#54

cis-1,3-Dichloropropene

Concen: 19.310 ug/l

RT: 8.43 min Scan# 1194

Delta R.T. 0.00 min

Lab File: VX006211.D

Acq: 29 Nov 2018 14:58

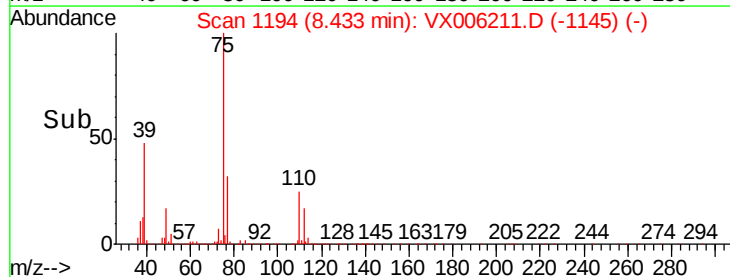
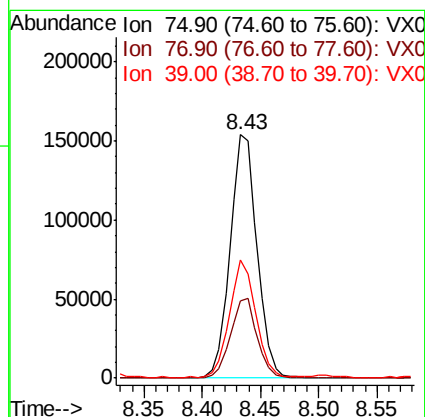
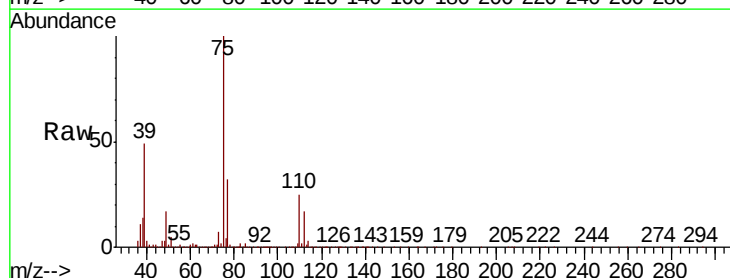
Tgt Ion: 75 Resp: 246352

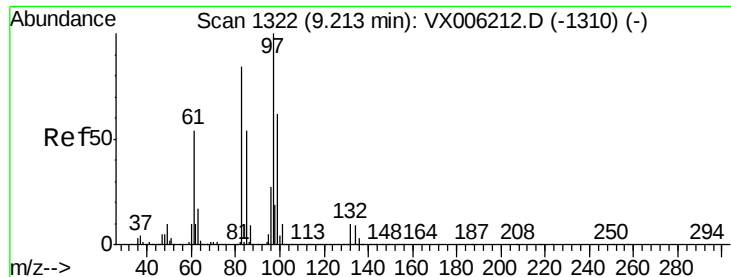
Ion Ratio Lower Upper

75 100

77 31.8 25.6 38.4

39 48.2 36.5 54.7





#55

1,1,2-Trichloroethane

Concen: 19.971 ug/l

RT: 9.21 min Scan# 1322

Delta R.T. 0.00 min

Lab File: VX006211.D

Acq: 29 Nov 2018 14:58

Instrument :

MSVOA_X

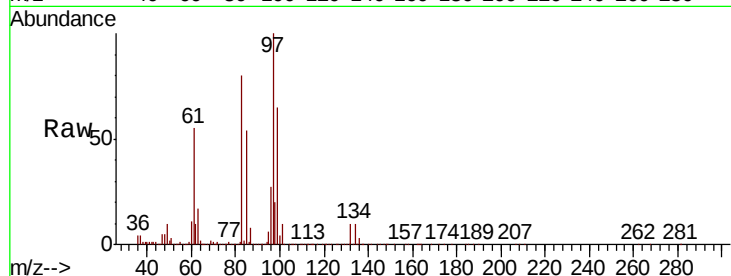
ClientSampleId :

VSTDIC020

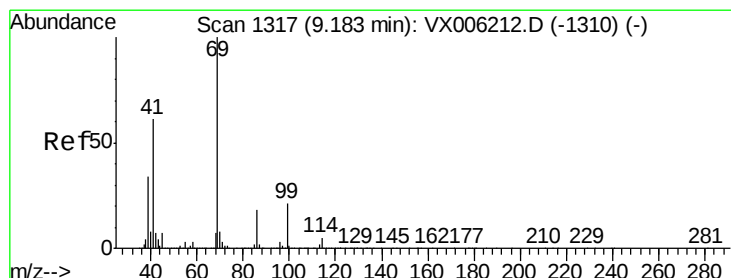
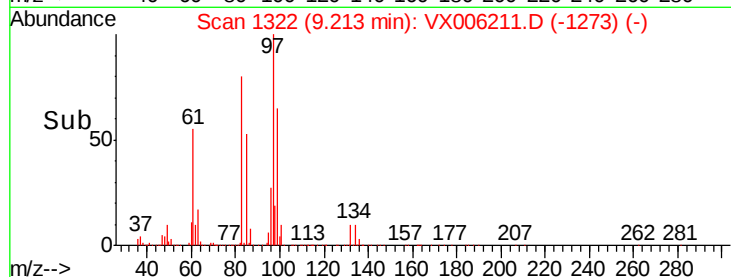
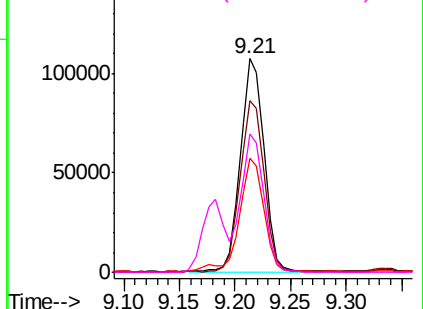
Tgt Ion	Ratio	Lower	Upper
97	100		
83	80.0	67.1	100.7
85	53.3	43.2	64.8
99	64.8	49.8	74.6

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



#56

Ethyl methacrylate

Concen: 19.842 ug/l

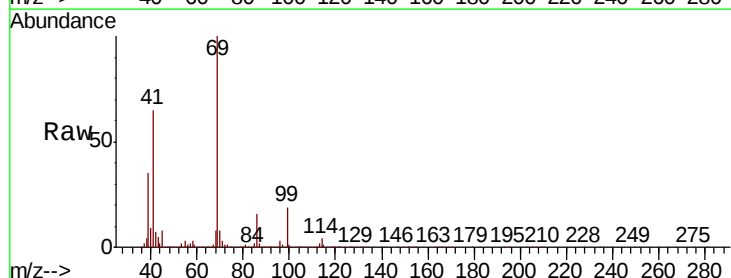
RT: 9.18 min Scan# 1316

Delta R.T. -0.01 min

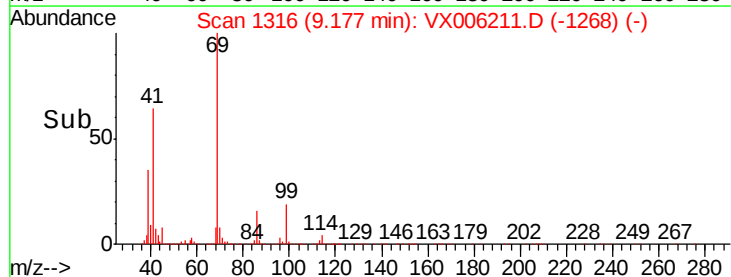
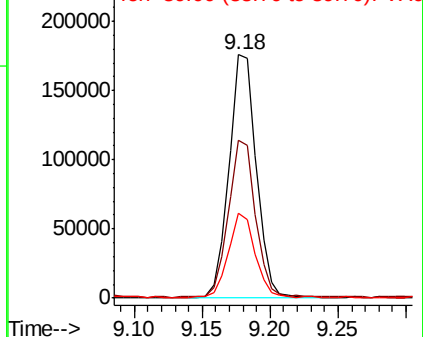
Lab File: VX006211.D

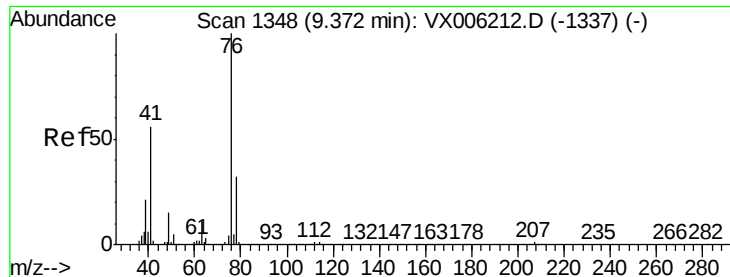
Acq: 29 Nov 2018 14:58

Tgt Ion	Ratio	Lower	Upper
69	100		
41	63.4	50.6	76.0
39	33.6	27.6	41.4



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





#57

1,3-Dichloropropane

Concen: 19.872 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. 0.00 min

Lab File: VX006211.D

Acq: 29 Nov 2018 14:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

Tgt Ion: 76 Resp: 248219

Ion Ratio Lower Upper

76 100

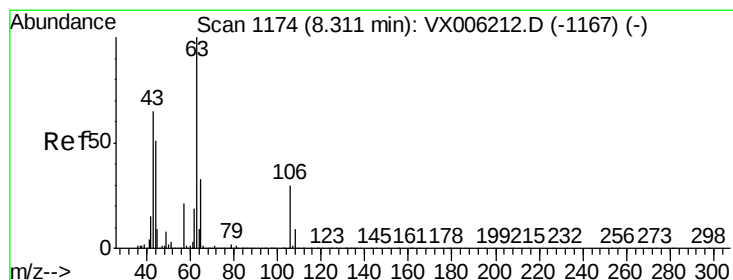
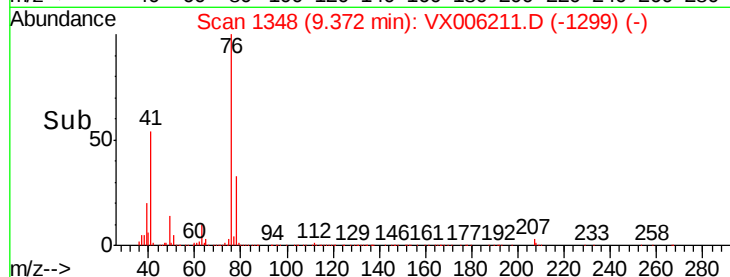
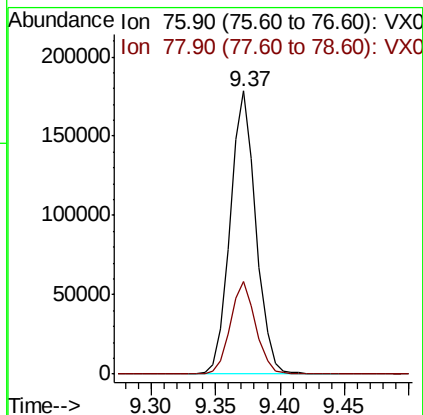
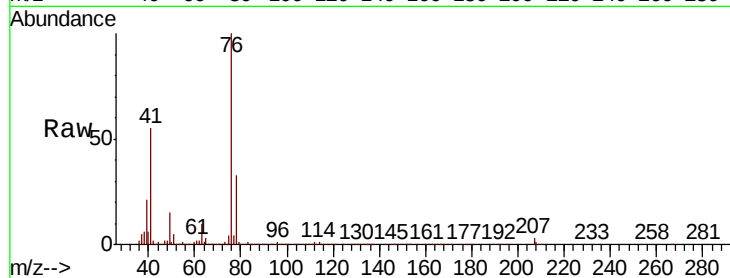
78 32.5 26.1 39.1

Manual Integrations

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11/30/2018 10:13:06 AM



#58

2-Chloroethyl Vinyl ether

Concen: 99.897 ug/l

RT: 8.31 min Scan# 1174

Delta R.T. 0.00 min

Lab File: VX006211.D

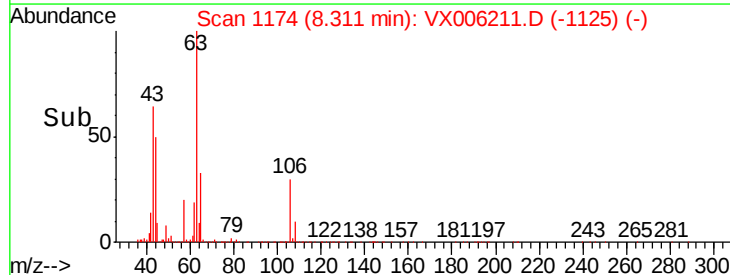
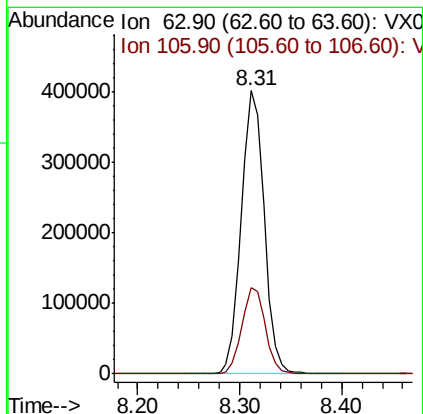
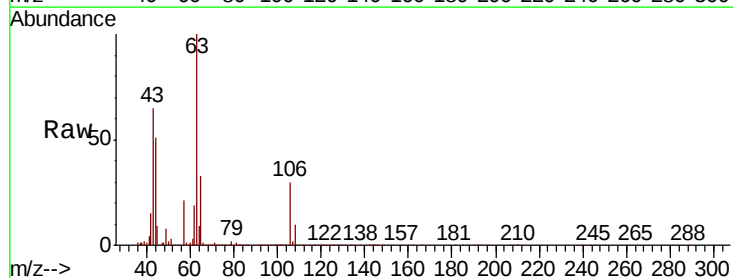
Acq: 29 Nov 2018 14:58

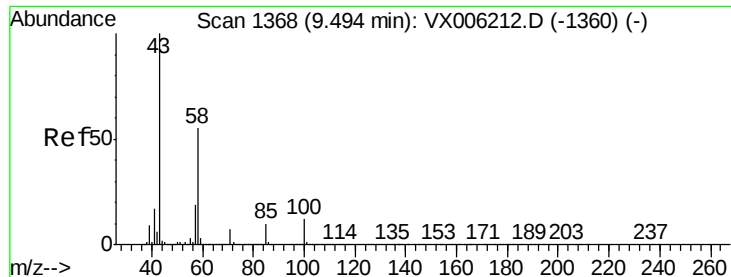
Tgt Ion: 63 Resp: 625993

Ion Ratio Lower Upper

63 100

106 31.1 24.9 37.3





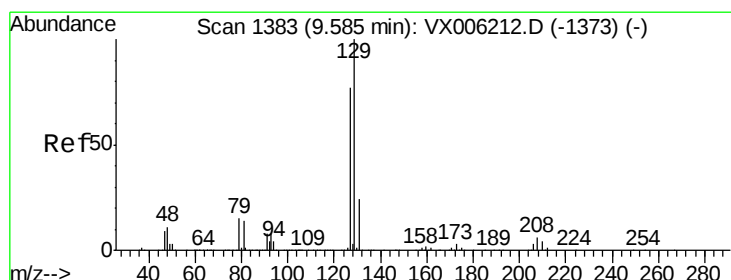
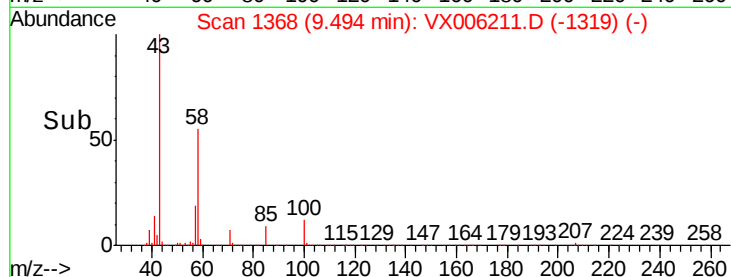
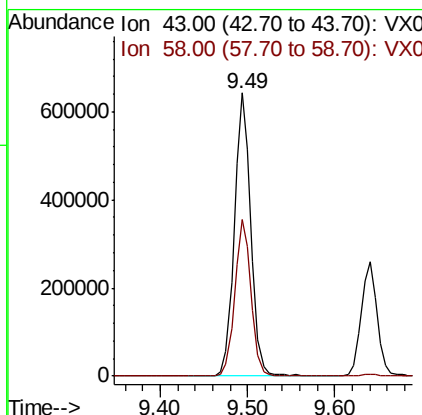
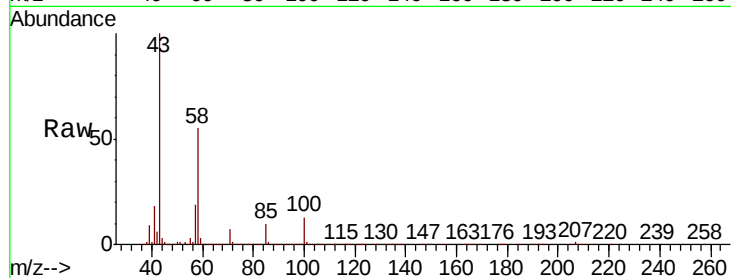
#59
2-Hexanone
Concen: 102.861 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. 0.00 min
Lab File: VX006211.D
Acq: 29 Nov 2018 14:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tgt Ion: 43 Resp: 842871
Ion Ratio Lower Upper
43 100
58 55.0 27.7 83.1

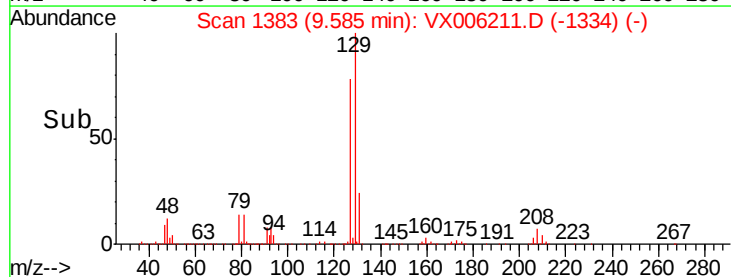
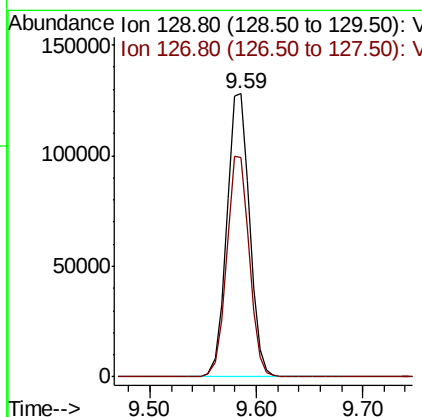
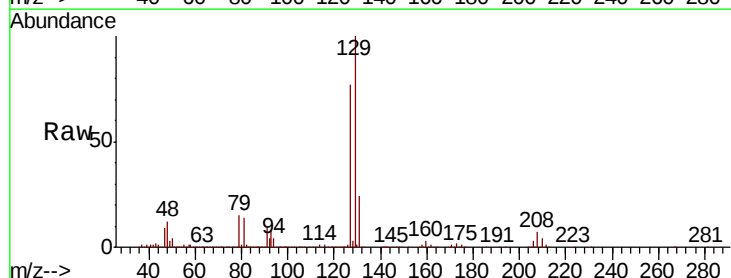
Manual Integrations
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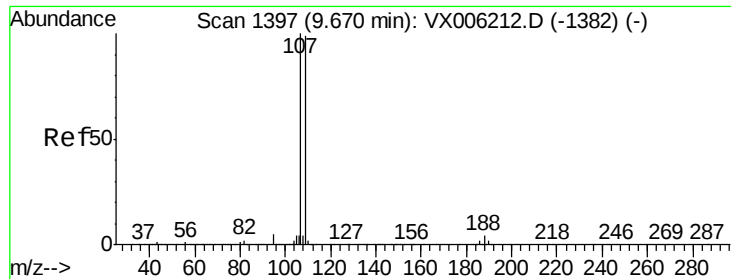
MMDadoda
11/30/2018 10:13:06 AM



#60
Dibromochloromethane
Concen: 19.668 ug/l
RT: 9.59 min Scan# 1383
Delta R.T. 0.00 min
Lab File: VX006211.D
Acq: 29 Nov 2018 14:58

Tgt Ion: 129 Resp: 191571
Ion Ratio Lower Upper
129 100
127 77.6 38.6 115.8





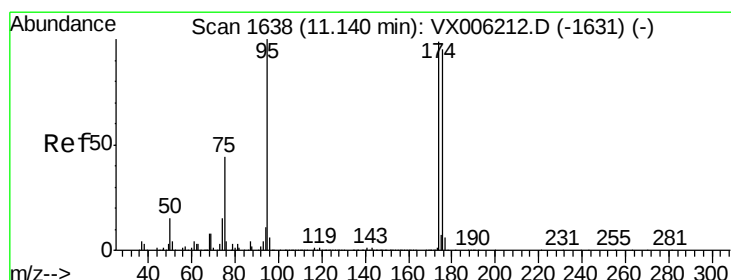
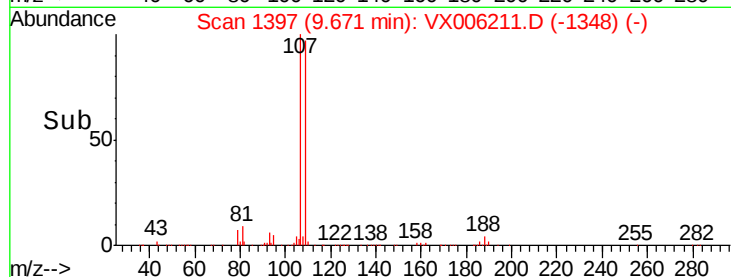
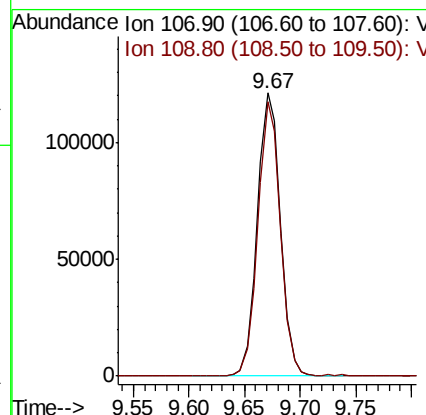
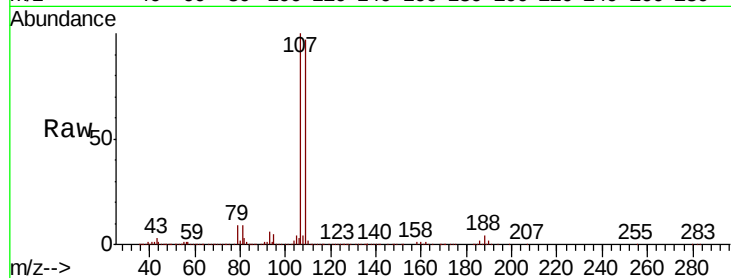
#61
 1,2-Dibromoethane
 Concen: 19.824 ug/l
 RT: 9.67 min Scan# 1397
 Delta R.T. 0.00 min
 Lab File: VX006211.D
 Acq: 29 Nov 2018 14:58

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

Tgt Ion	Ratio	Lower	Upper
107	100		
109	94.5	76.3	114.5

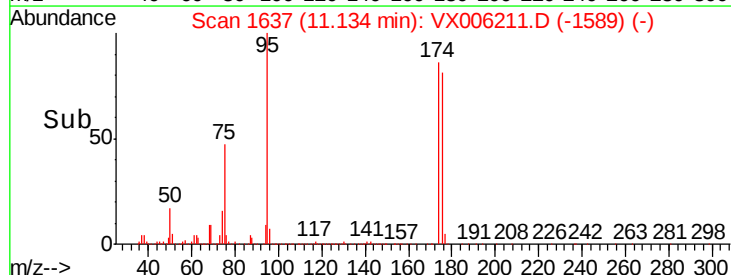
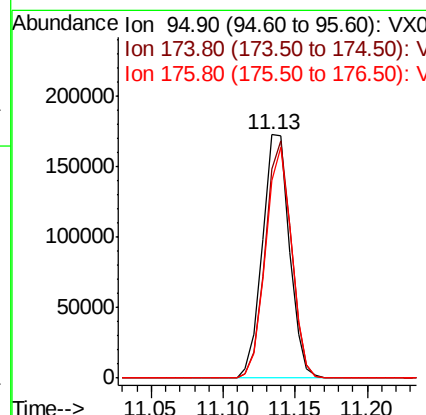
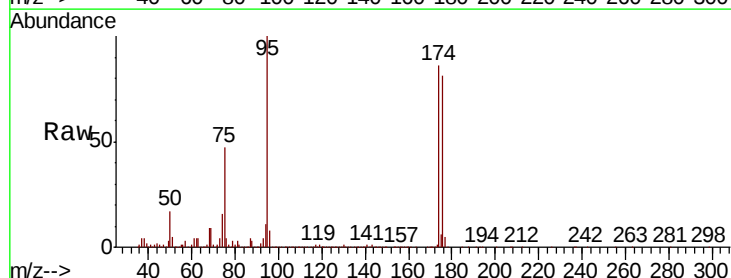
Manual Integrations
 APPROVED

MMDadoda
 11/30/2018 10:13:06 AM



#62
 4-Bromofluorobenzene
 Concen: 21.429 ug/l
 RT: 11.13 min Scan# 1637
 Delta R.T. -0.01 min
 Lab File: VX006211.D
 Acq: 29 Nov 2018 14:58

Tgt Ion	Ratio	Lower	Upper
95	100		
174	93.7	0.0	187.0
176	91.0	0.0	181.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.12 min Scan# 1470

Delta R.T. 0.00 min

Lab File: VX006211.D

Acq: 29 Nov 2018 14:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

Tgt Ion:117 Resp: 1069022

Ion Ratio Lower Upper

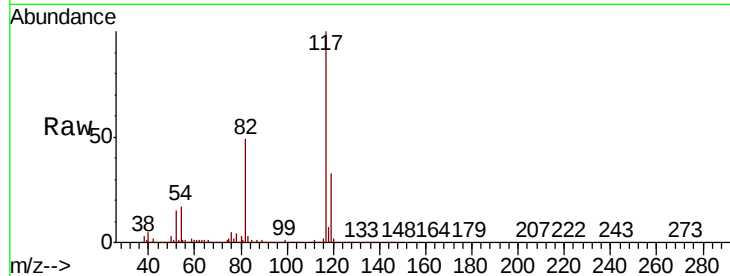
117 100

82 49.0 39.6 59.4

119 32.6 26.3 39.5

Manual Integrations
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Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V

1000000

800000

600000

400000

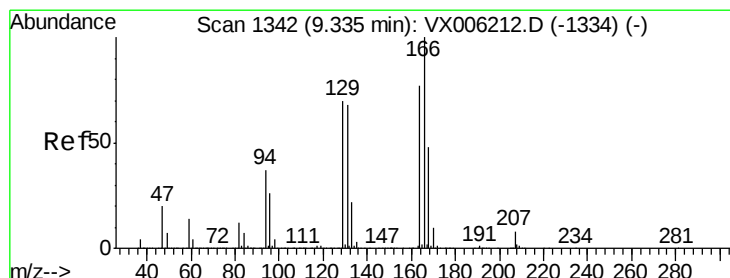
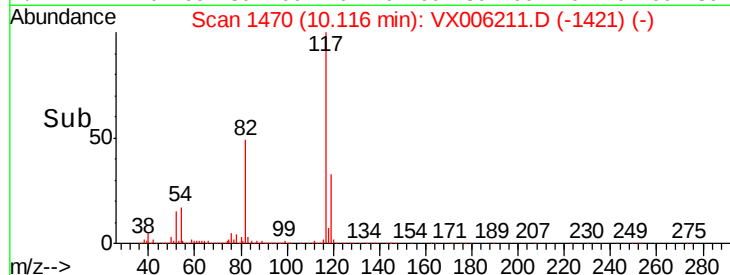
200000

0

10.10

10.20

Time-->



#64

Tetrachloroethene

Concen: 19.304 ug/l

RT: 9.34 min Scan# 1342

Delta R.T. 0.00 min

Lab File: VX006211.D

Acq: 29 Nov 2018 14:58

Tgt Ion:164 Resp: 155413

Ion Ratio Lower Upper

164 100

166 127.8 104.2 156.2

129 87.7 72.6 108.8

131 87.5 70.3 105.5

Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V

200000

150000

100000

50000

0

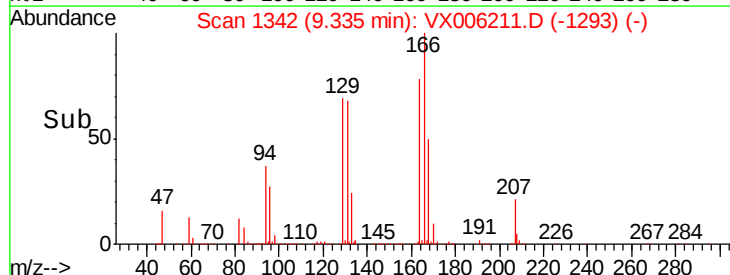
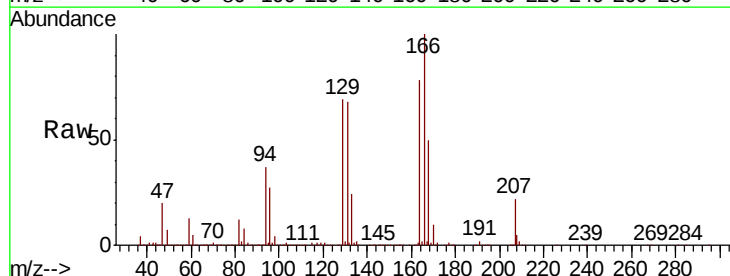
9.30

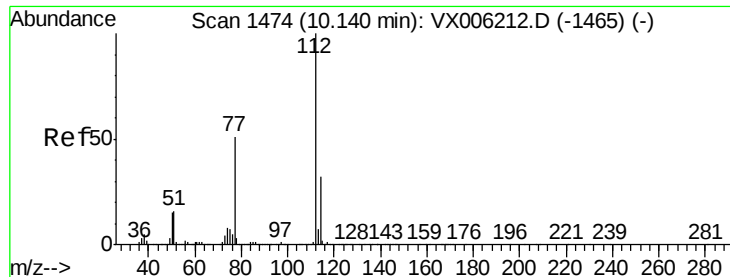
9.34

9.40

9.45

Time-->





#65

Chlorobenzene

Concen: 19.687 ug/l

RT: 10.14 min Scan# 1474

Delta R.T. 0.00 min

Lab File: VX006211.D

Acq: 29 Nov 2018 14:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

Tgt Ion:112 Resp: 446763

Ion Ratio Lower Upper

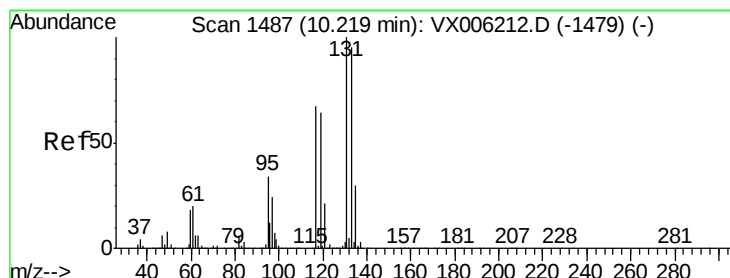
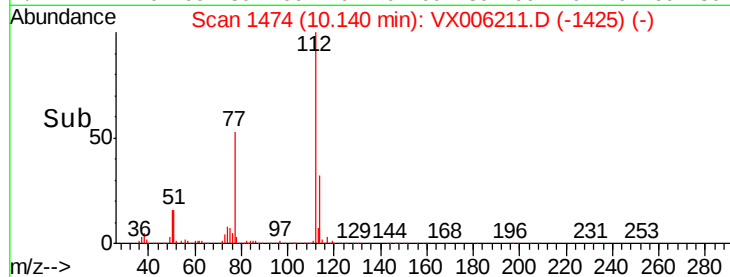
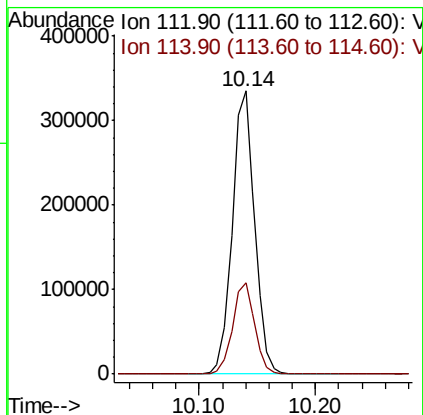
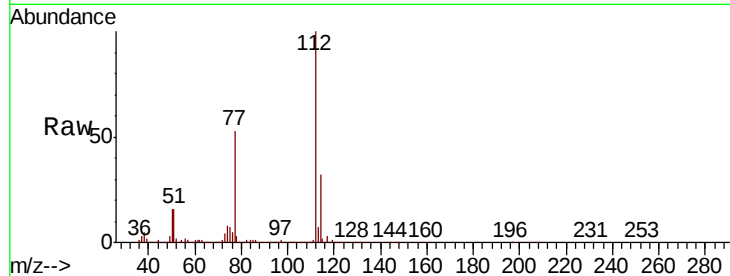
112 100

114 32.1 25.4 38.2

Manual Integrations
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MMDadoda

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#66

1,1,1,2-Tetrachloroethane

Concen: 19.927 ug/l

RT: 10.22 min Scan# 1487

Delta R.T. 0.00 min

Lab File: VX006211.D

Acq: 29 Nov 2018 14:58

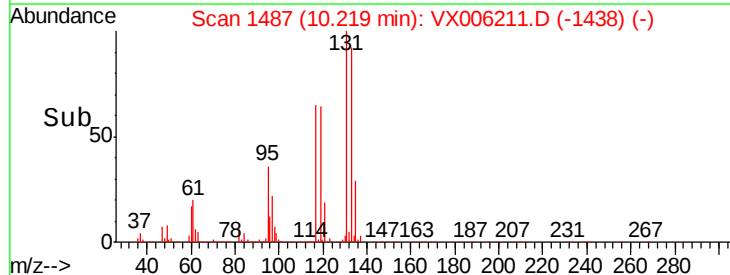
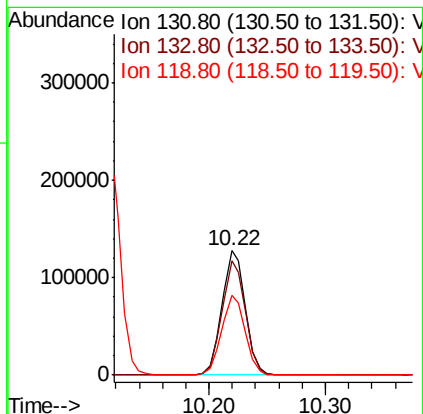
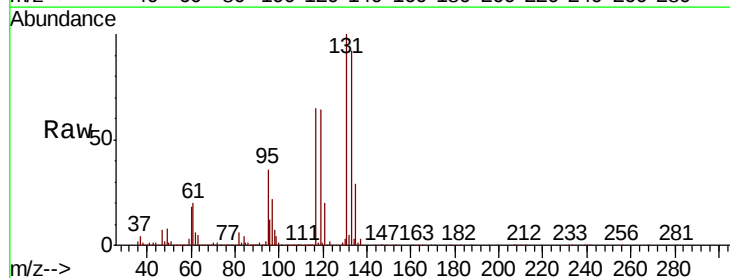
Tgt Ion:131 Resp: 175694

Ion Ratio Lower Upper

131 100

133 91.9 48.1 144.4

119 64.1 32.1 96.3





#67

Ethyl Benzene

Concen: 19.594 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. 0.00 min

Lab File: VX006211.D

Acq: 29 Nov 2018 14:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

Tgt Ion: 91 Resp: 739522

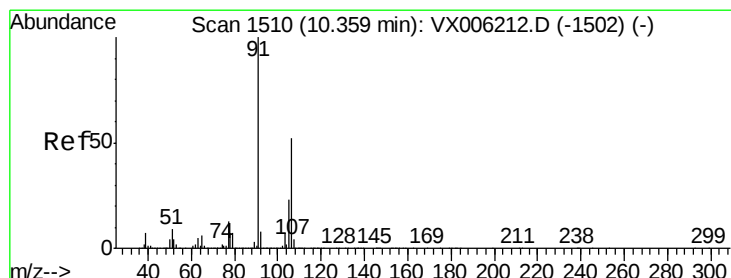
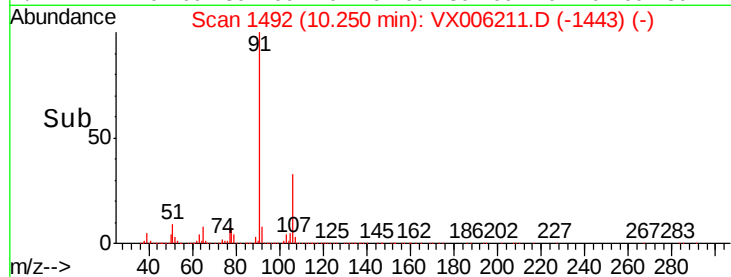
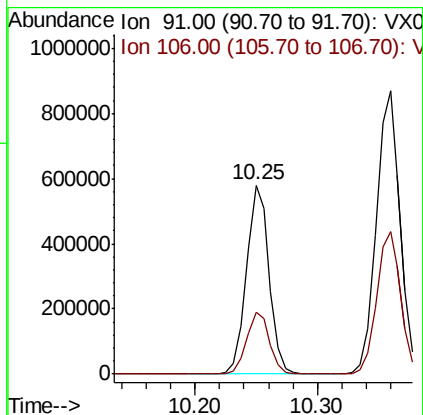
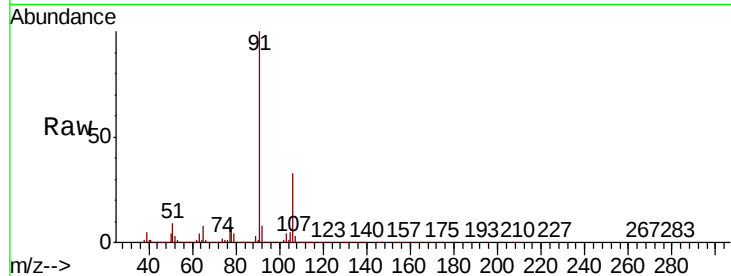
Ion Ratio Lower Upper

91 100

106 32.8 26.5 39.7

Manual Integrations
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#68

m/p-Xylenes

Concen: 39.506 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. 0.00 min

Lab File: VX006211.D

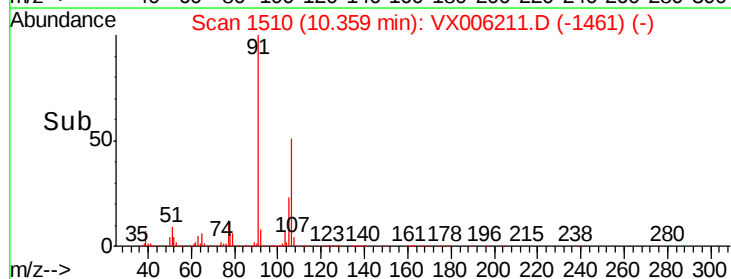
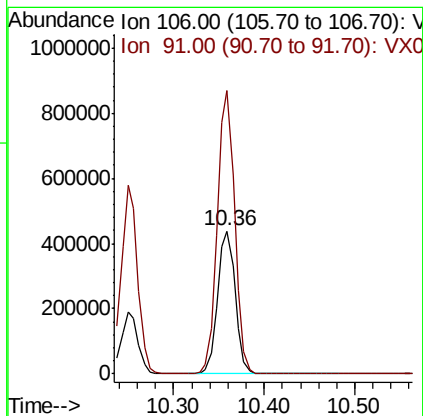
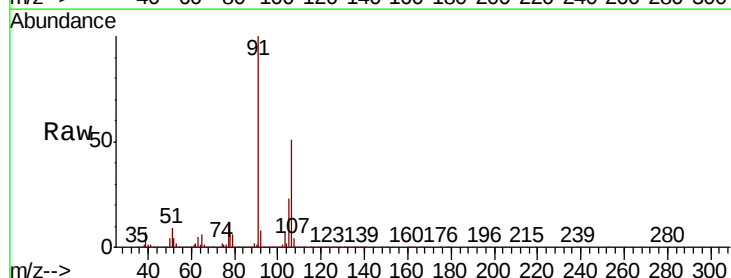
Acq: 29 Nov 2018 14:58

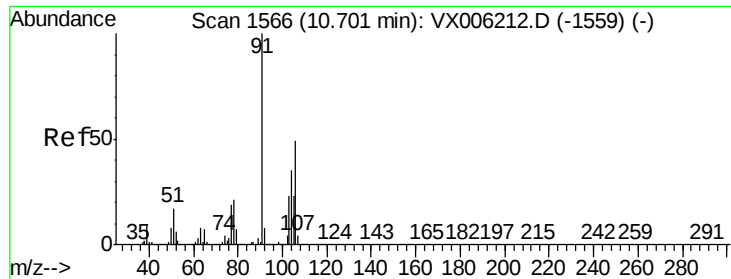
Tgt Ion: 106 Resp: 597285

Ion Ratio Lower Upper

106 100

91 195.3 155.2 232.8





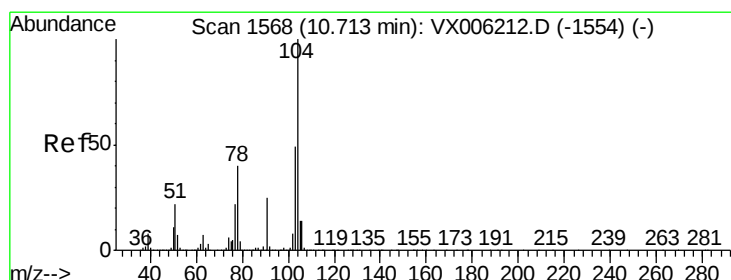
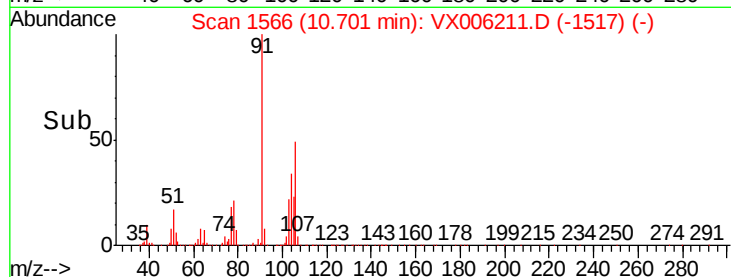
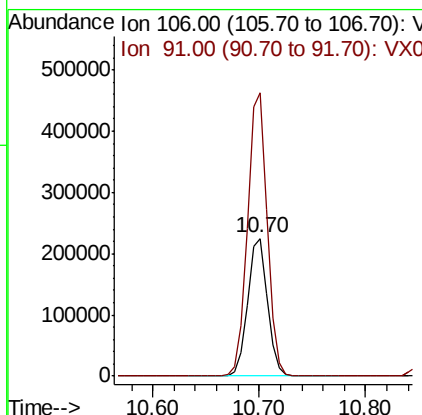
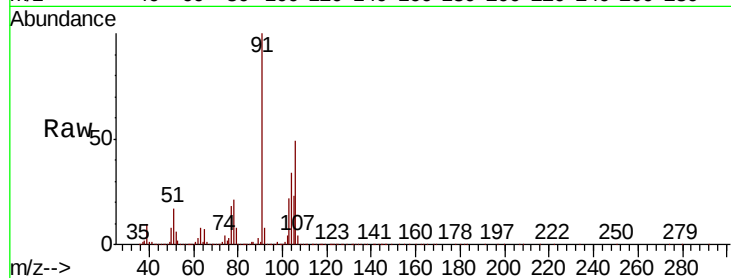
#69
o-Xylene
Concen: 19.649 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. 0.00 min
Lab File: VX006211.D
Acq: 29 Nov 2018 14:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tgt Ion	Ratio	Lower	Upper
106	100		
91	204.2	101.8	305.6

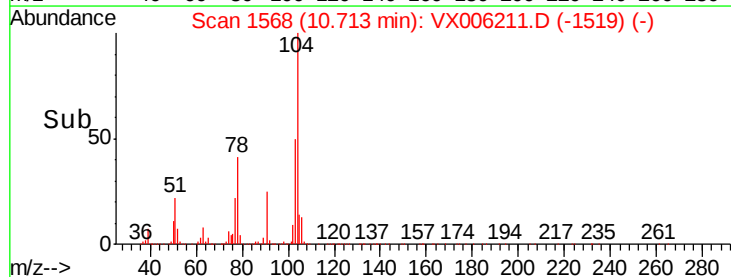
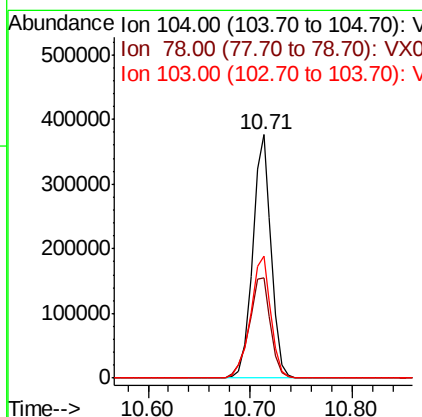
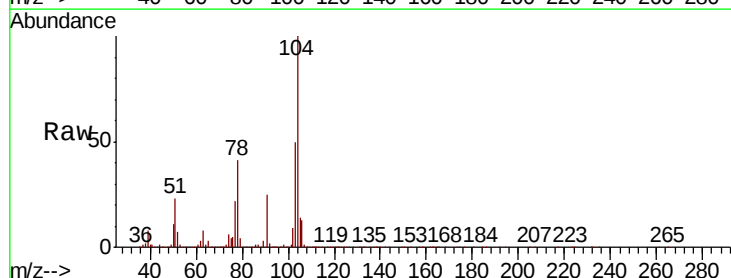
Manual Integrations
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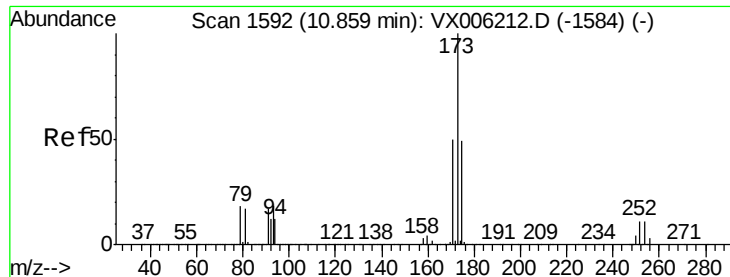
MMDadoda
11/30/2018 10:13:06 AM



#70
Styrene
Concen: 19.713 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX006211.D
Acq: 29 Nov 2018 14:58

Tgt Ion	Ratio	Lower	Upper
104	100		
78	47.7	37.2	55.8
103	54.8	43.5	65.3





#71

Bromoform

Concen: 19.442 ug/l

RT: 10.86 min Scan# 1592

Delta R.T. 0.00 min

Lab File: VX006211.D

Acq: 29 Nov 2018 14:58

Instrument :

MSVOA_X

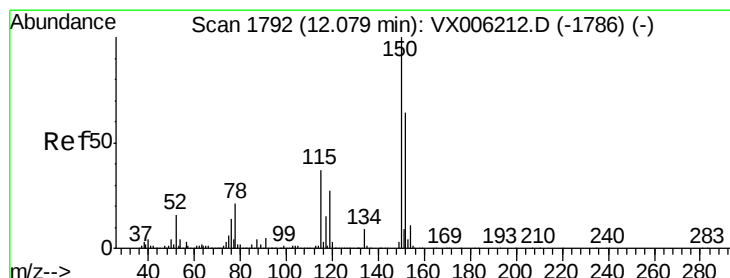
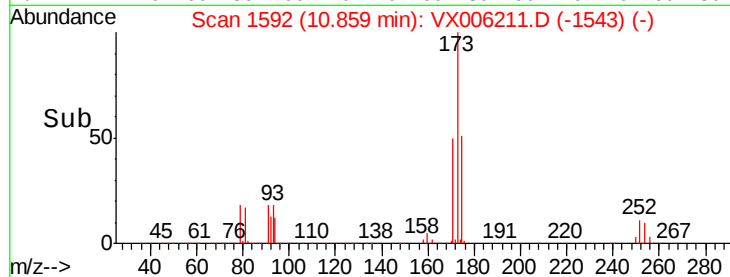
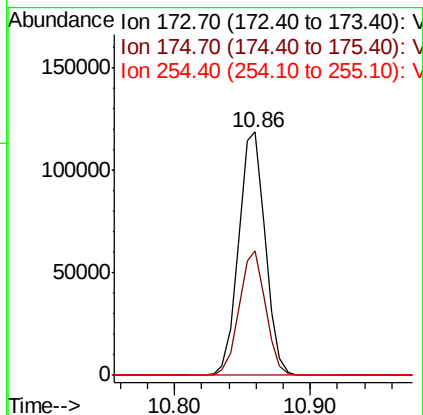
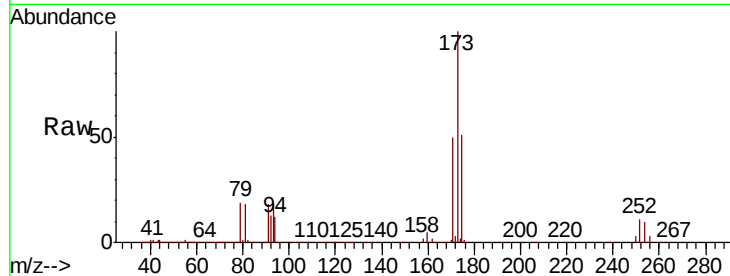
ClientSampleId :

VSTDIC020

Tgt Ion	Ratio	Lower	Upper
173	100		
175	50.5	24.6	73.8
254	0.1	0.2	0.2#

Manual Integrations
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#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

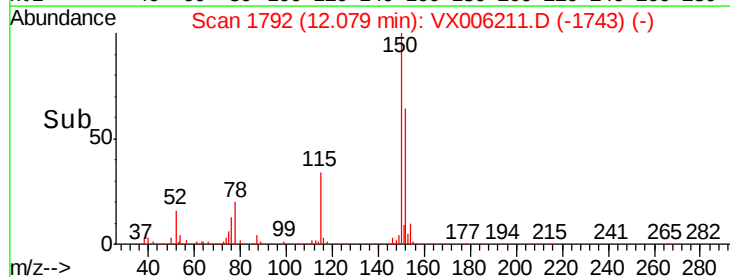
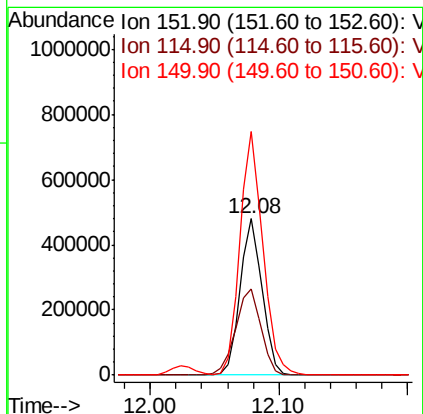
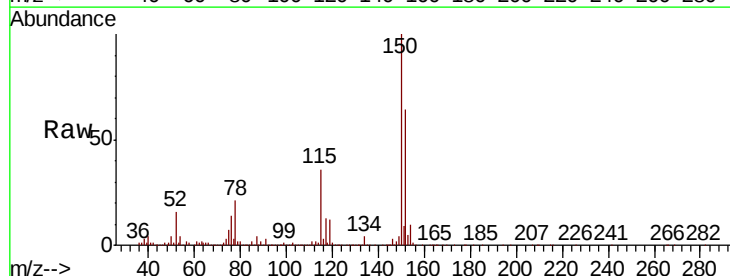
RT: 12.08 min Scan# 1792

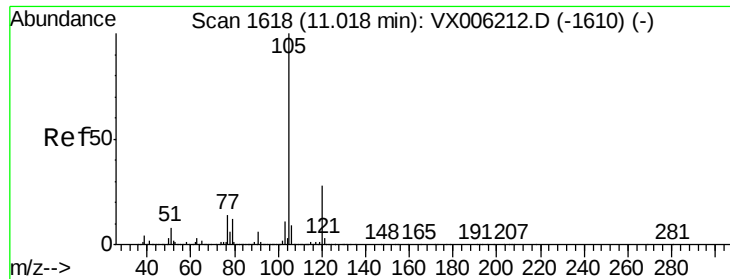
Delta R.T. 0.00 min

Lab File: VX006211.D

Acq: 29 Nov 2018 14:58

Tgt Ion	Ratio	Lower	Upper
152	100		
115	64.3	39.0	116.9
150	163.2	0.0	345.8





#73

Isopropylbenzene

Concen: 19.913 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX006211.D

Acq: 29 Nov 2018 14:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

Tgt Ion: 105 Resp: 776127

Ion Ratio Lower Upper

105 100

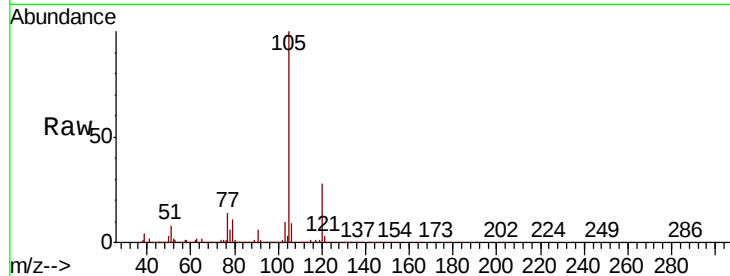
120 28.4 14.1 42.3

Manual Integrations

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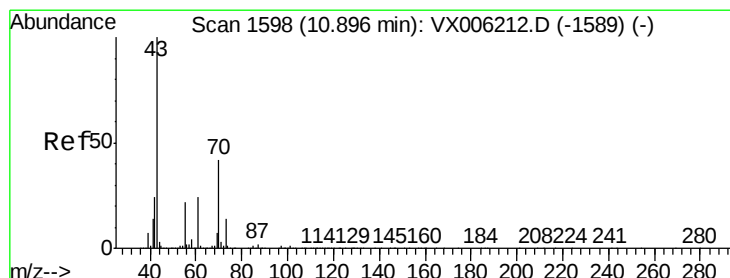
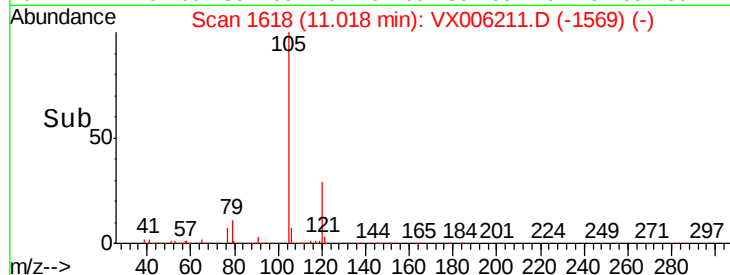
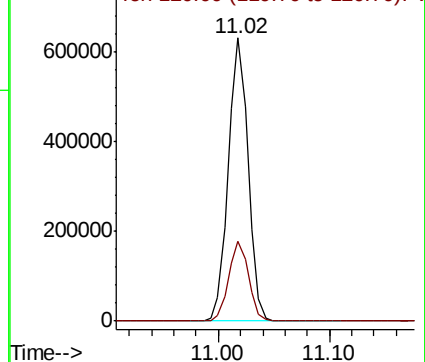
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 19.813 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. 0.00 min

Lab File: VX006211.D

Acq: 29 Nov 2018 14:58

Tgt Ion: 43 Resp: 332533

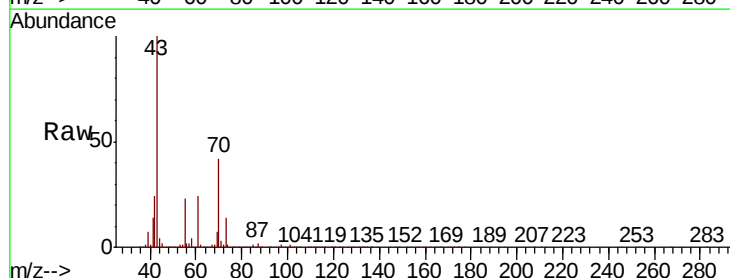
Ion Ratio Lower Upper

43 100

70 43.2 34.1 51.1

55 22.9 17.8 26.8

61 24.5 19.7 29.5

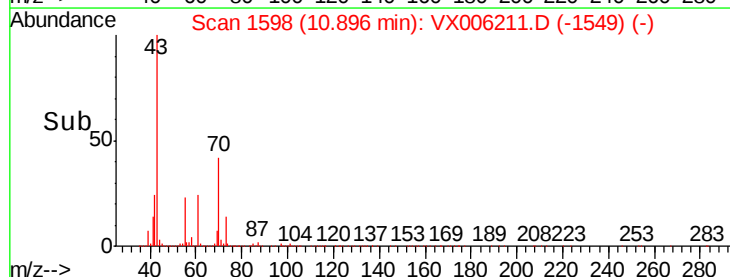
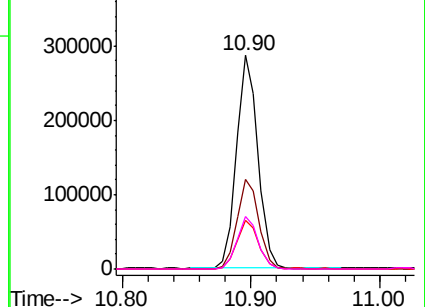


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 19.838 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. 0.00 min

Lab File: VX006211.D

Acq: 29 Nov 2018 14:58

Instrument :

MSVOA_X

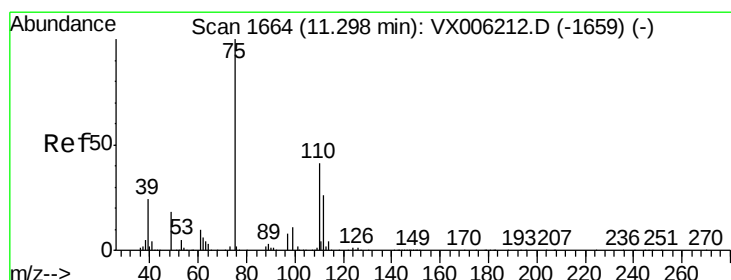
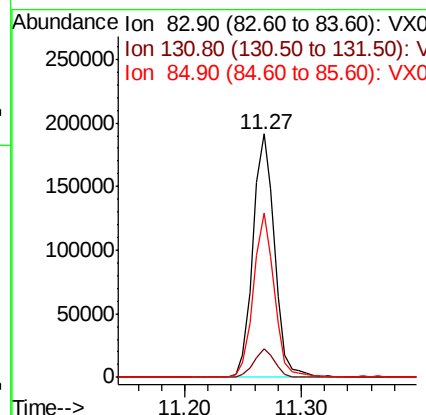
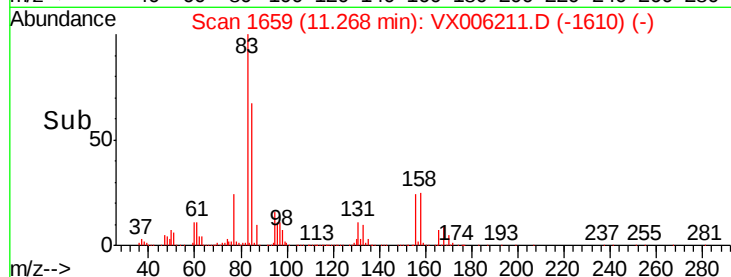
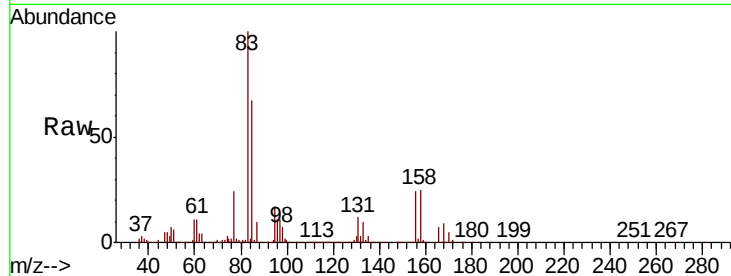
ClientSampleId :

VSTDIC020

Tgt Ion:	83	Resp:	247360
Ion Ratio	Lower	Upper	
83	100		
131	11.6	5.7	17.1
85	65.3	32.1	96.5

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 13.257 ug/l m

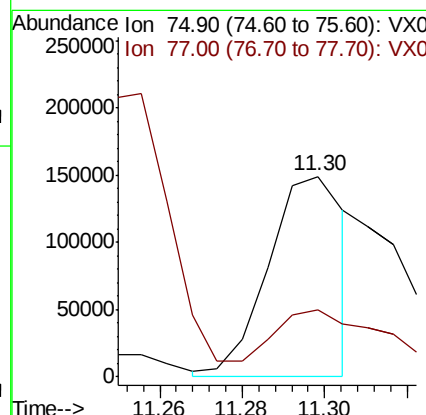
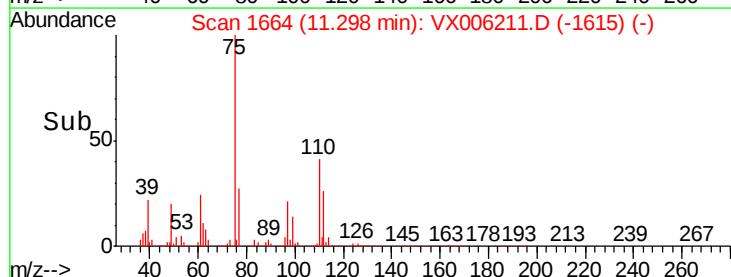
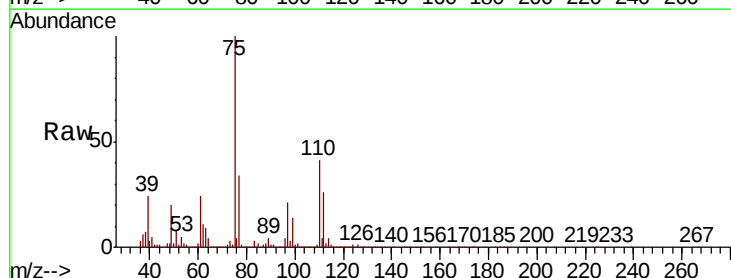
RT: 11.30 min Scan# 1664

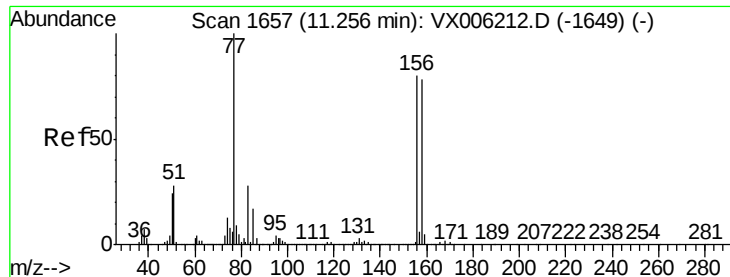
Delta R.T. 0.00 min

Lab File: VX006211.D

Acq: 29 Nov 2018 14:58

Tgt Ion:	75	Resp:	194303
Ion Ratio	Lower	Upper	
75	100		
77	48.0	19.9	59.7





#77

Bromobenzene

Concen: 19.346 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. 0.00 min

Lab File: VX006211.D

Acq: 29 Nov 2018 14:58

Instrument :

MSVOA_X

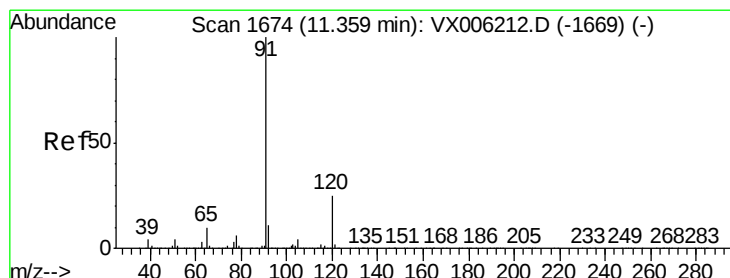
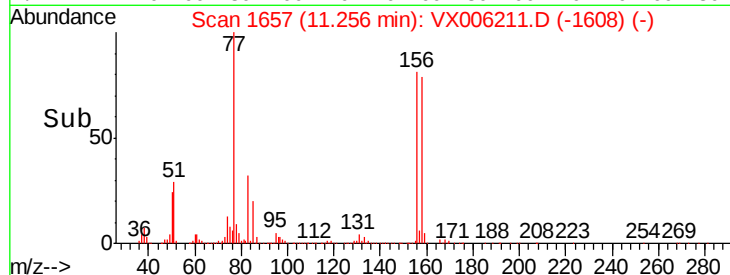
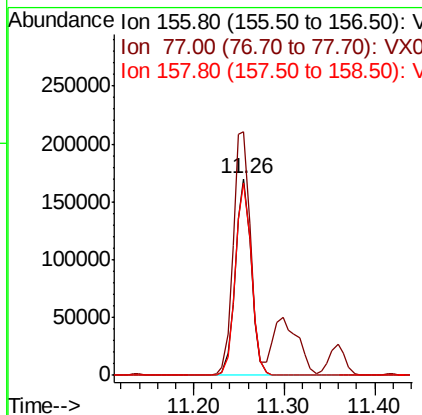
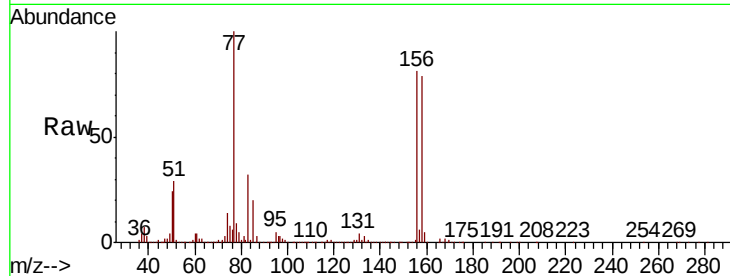
ClientSampleId :

VSTDIC020

Tgt Ion:	156	Resp:	209255
Ion Ratio	Lower	Upper	
156	100		
77	135.1	66.2	198.6
158	98.9	48.8	146.4

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#78

n-propylbenzene

Concen: 19.882 ug/l

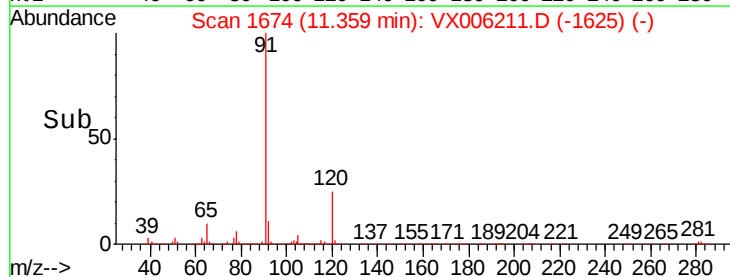
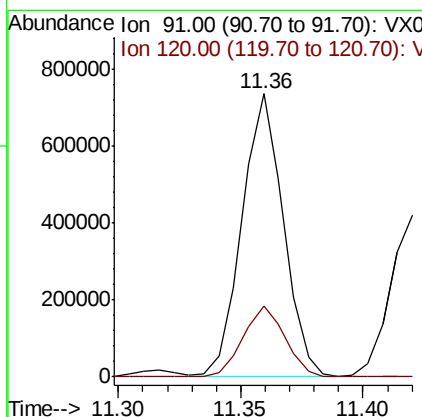
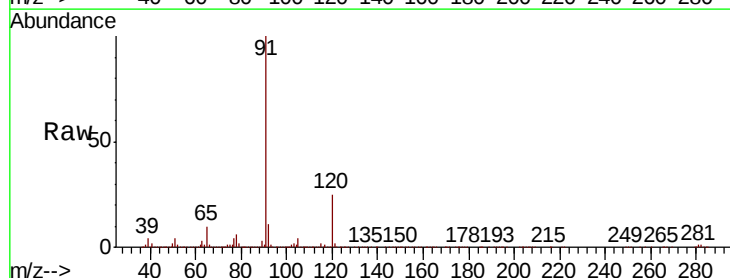
RT: 11.36 min Scan# 1674

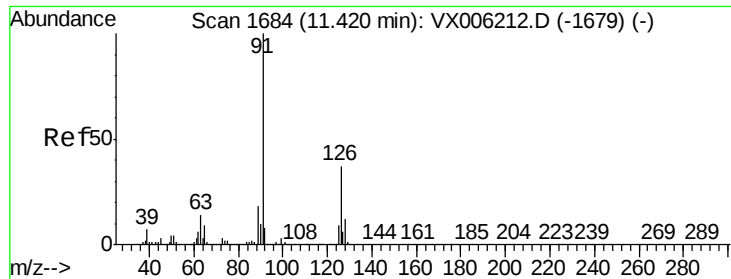
Delta R.T. 0.00 min

Lab File: VX006211.D

Acq: 29 Nov 2018 14:58

Tgt Ion:	91	Resp:	861384
Ion Ratio	Lower	Upper	
91	100		
120	25.4	12.7	38.0





#79

2-Chlorotoluene

Concen: 19.949 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. 0.00 min

Lab File: VX006211.D

Acq: 29 Nov 2018 14:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

Tgt Ion: 91 Resp: 513712

Ion Ratio Lower Upper

91 100

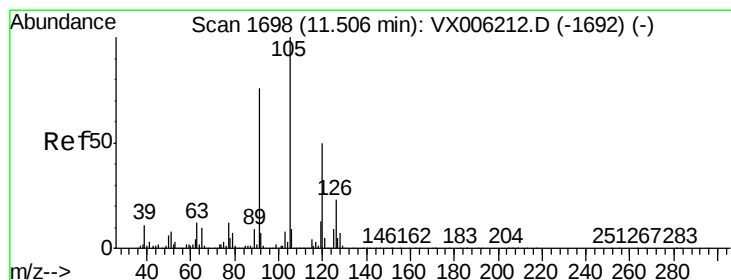
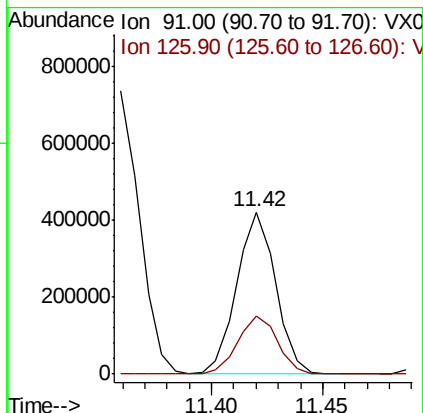
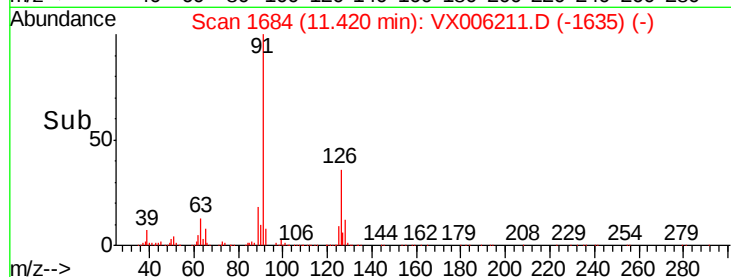
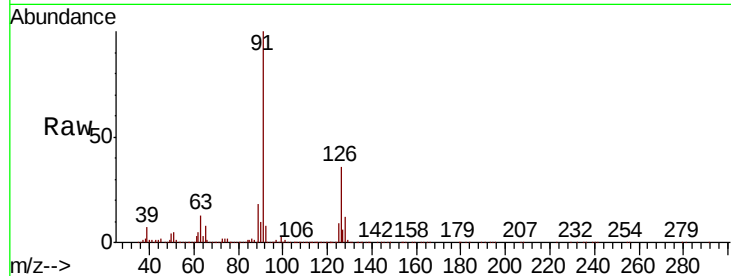
126 37.1 18.6 56.0

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#80

1,3,5-Trimethylbenzene

Concen: 19.846 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX006211.D

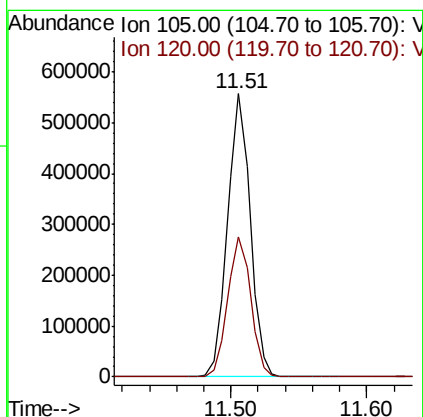
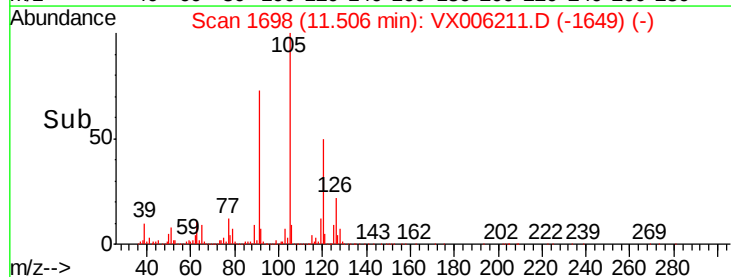
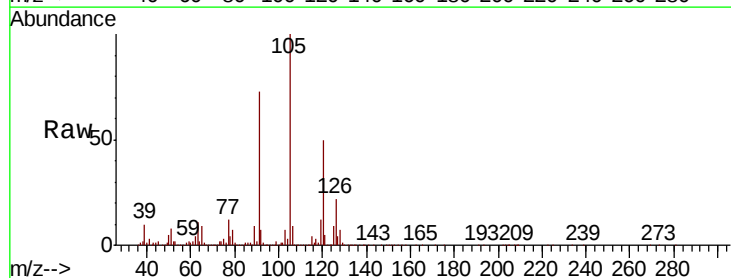
Acq: 29 Nov 2018 14:58

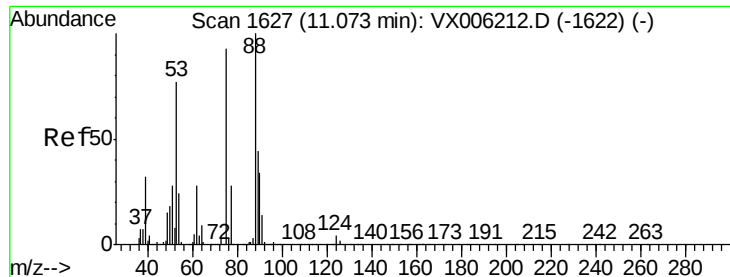
Tgt Ion: 105 Resp: 643583

Ion Ratio Lower Upper

105 100

120 50.5 25.4 76.0





#81

trans-1,4-Dichloro-2-butene

Concen: 19.976 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. 0.00 min

Lab File: VX006211.D

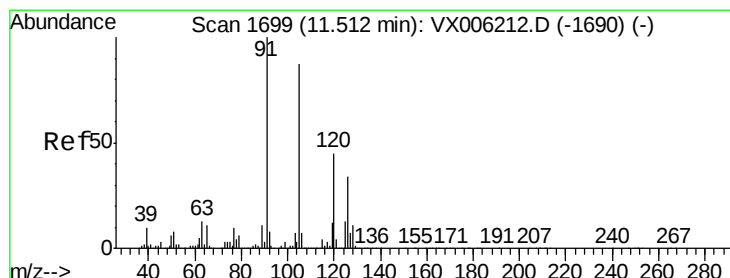
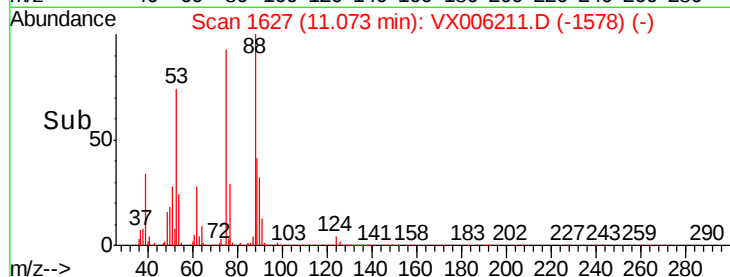
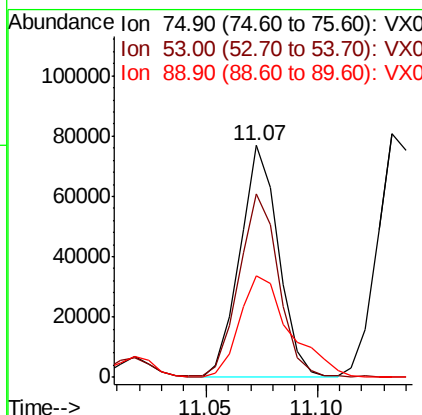
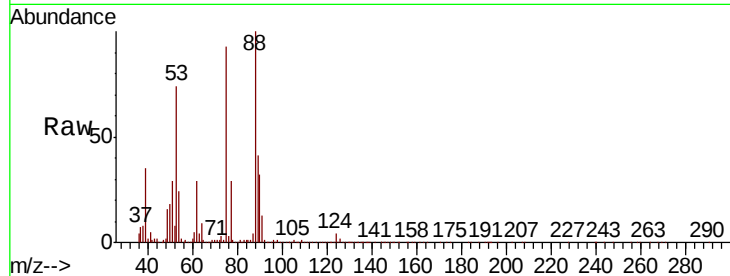
Acq: 29 Nov 2018 14:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tgt Ion	Ratio	Lower	Upper
75	100		
53	80.7	64.4	96.6
89	56.9	44.2	66.4

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#82

4-Chlorotoluene

Concen: 19.713 ug/l

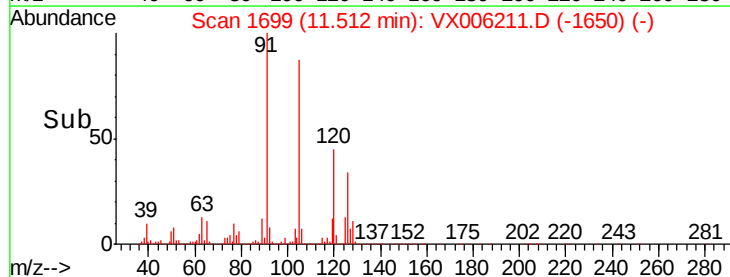
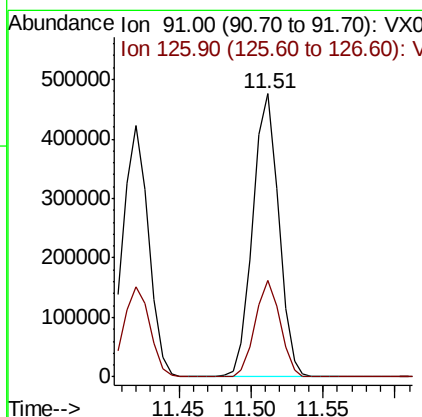
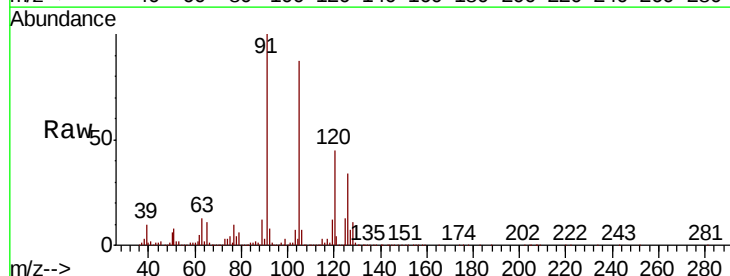
RT: 11.51 min Scan# 1699

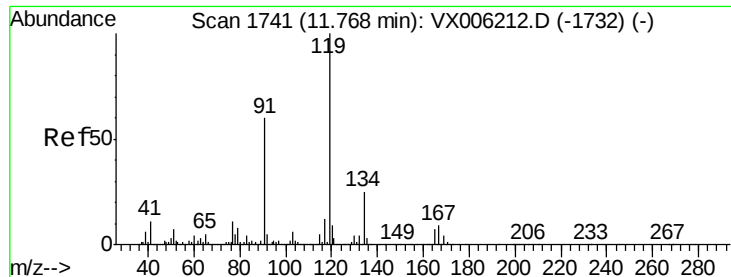
Delta R.T. 0.00 min

Lab File: VX006211.D

Acq: 29 Nov 2018 14:58

Tgt Ion	Ratio	Lower	Upper
91	100		
126	33.0	16.4	49.4





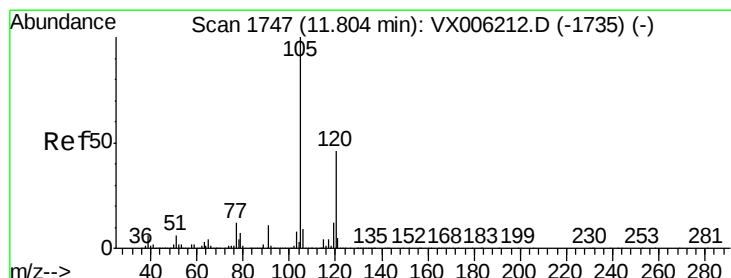
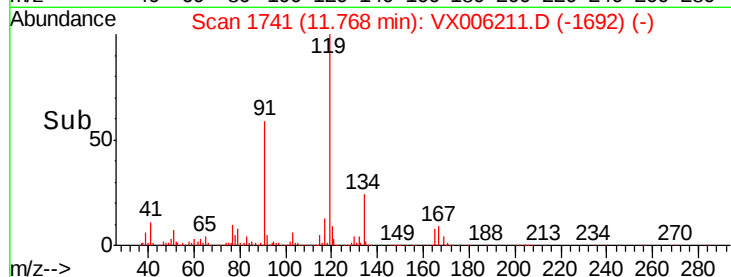
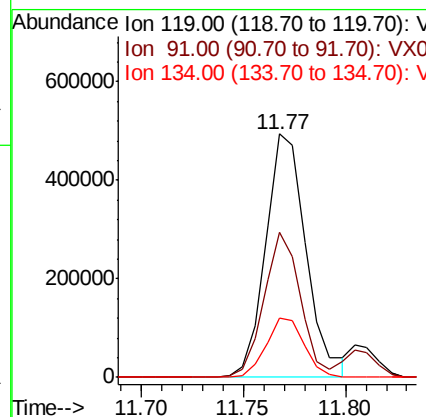
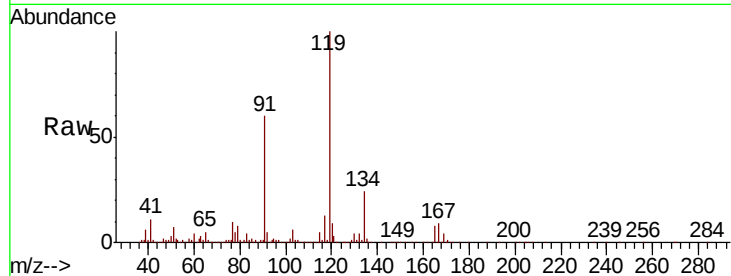
#83
tert-Butylbenzene
Concen: 19.738 ug/l
RT: 11.77 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VX006211.D
Acq: 29 Nov 2018 14:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tgt Ion	Ratio	Resp	Lower	Upper
119	100	682956		
91	53.5	26.4	79.2	
134	23.0	11.6	34.7	

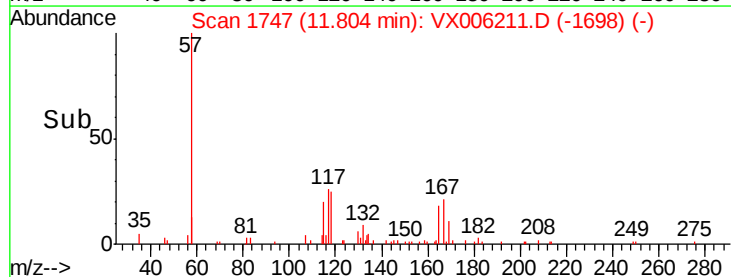
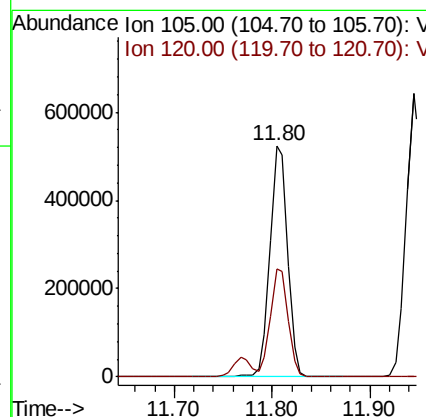
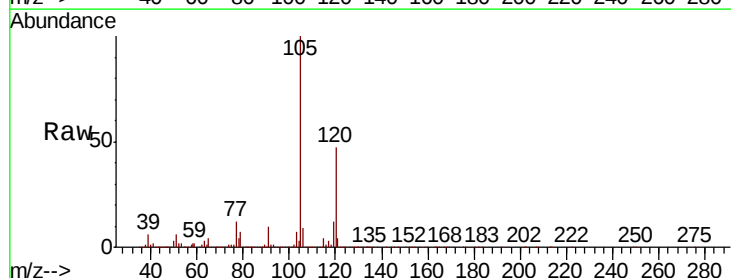
Manual Integrations
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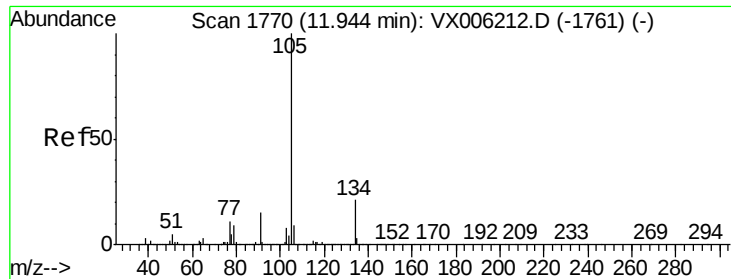
MMDadoda
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#84
1,2,4-Trimethylbenzene
Concen: 19.596 ug/l
RT: 11.80 min Scan# 1747
Delta R.T. 0.00 min
Lab File: VX006211.D
Acq: 29 Nov 2018 14:58

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	656191		
120	46.3	23.4	70.0	





#85

sec-Butylbenzene

Concen: 19.664 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. 0.00 min

Lab File: VX006211.D

Acq: 29 Nov 2018 14:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

Tgt Ion:105 Resp: 774040

Ion Ratio Lower Upper

105 100

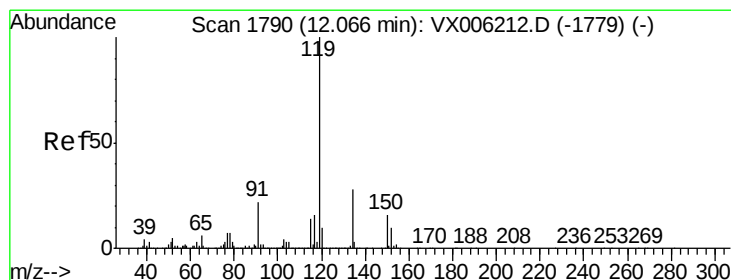
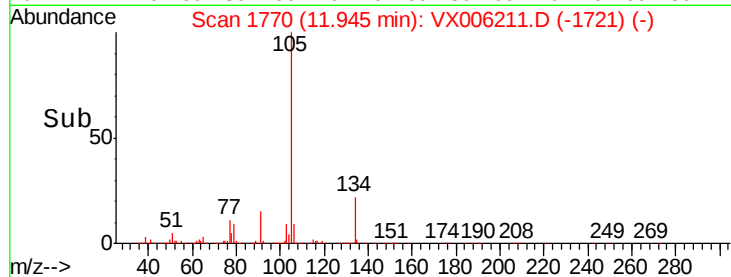
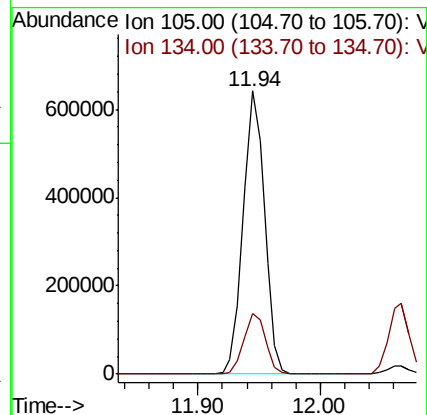
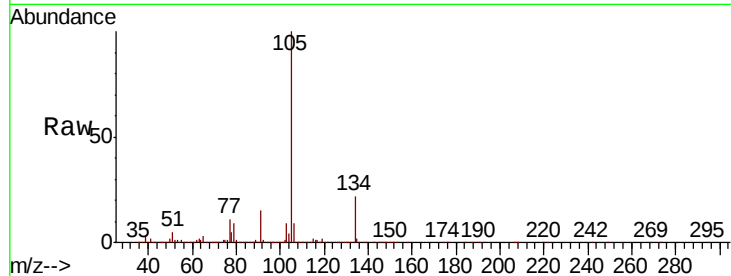
134 21.8 10.8 32.4

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#86

p-Isopropyltoluene

Concen: 19.504 ug/l

RT: 12.07 min Scan# 1790

Delta R.T. 0.00 min

Lab File: VX006211.D

Acq: 29 Nov 2018 14:58

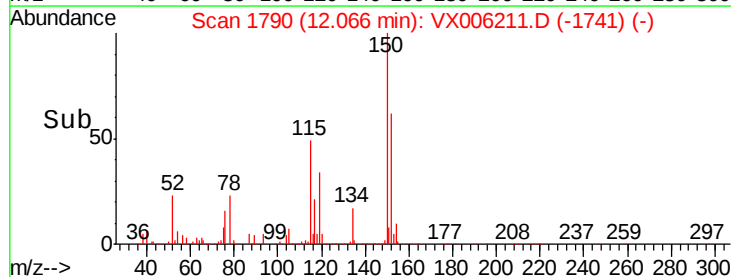
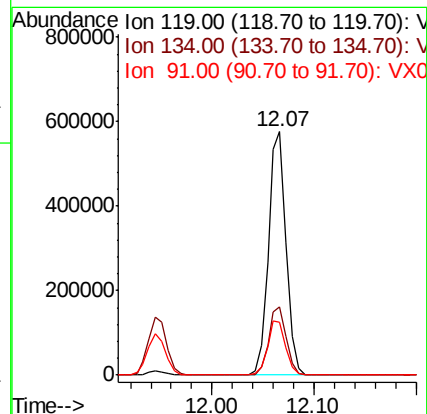
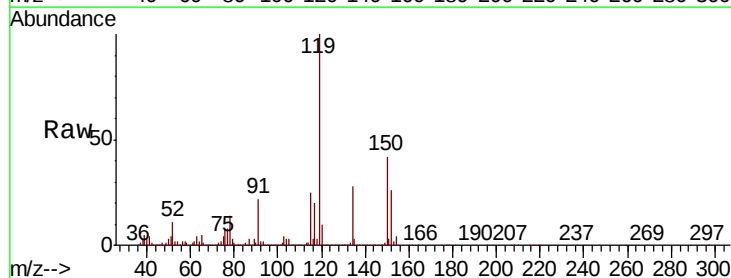
Tgt Ion:119 Resp: 691318

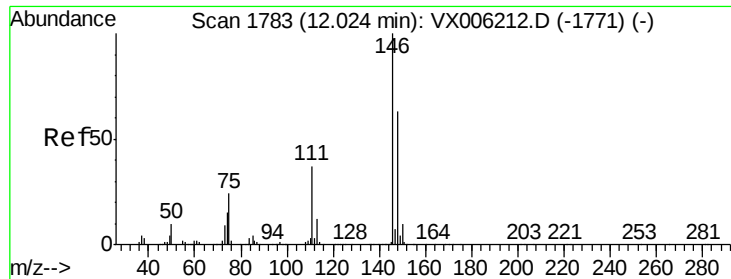
Ion Ratio Lower Upper

119 100

134 28.0 13.9 41.6

91 22.9 11.3 33.8





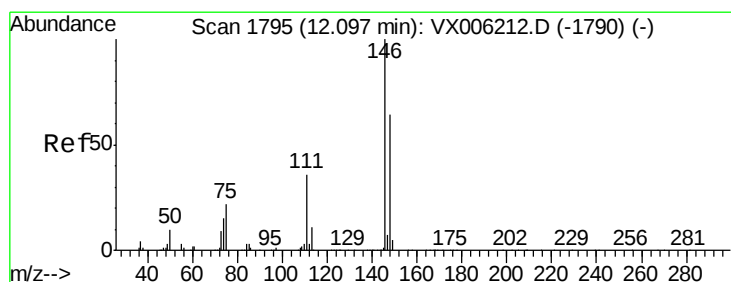
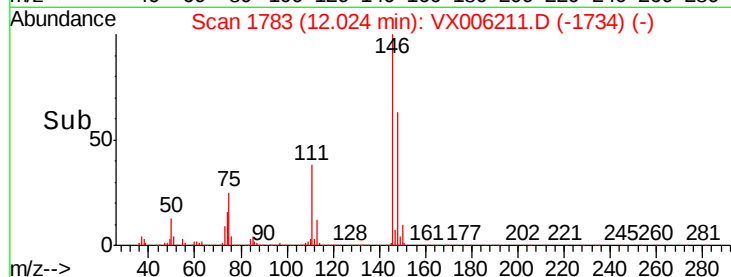
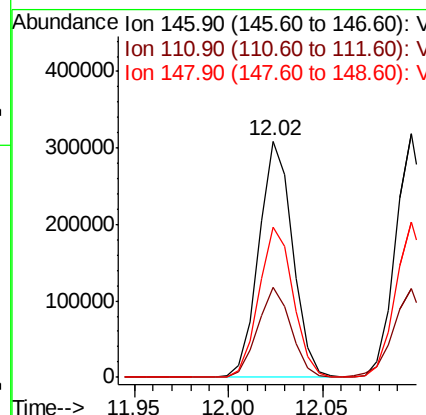
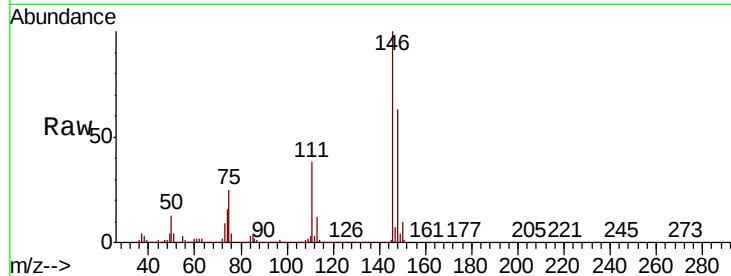
#87
 1,3-Dichlorobenzene
 Concen: 19.829 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. 0.00 min
 Lab File: VX006211.D
 Acq: 29 Nov 2018 14:58

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.6	18.4	55.2
148	64.7	32.0	96.0

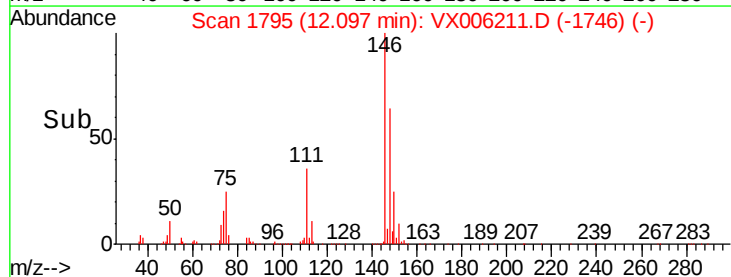
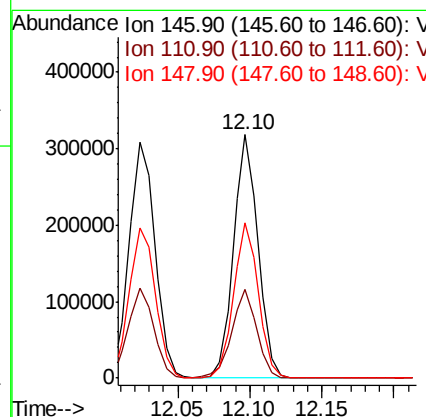
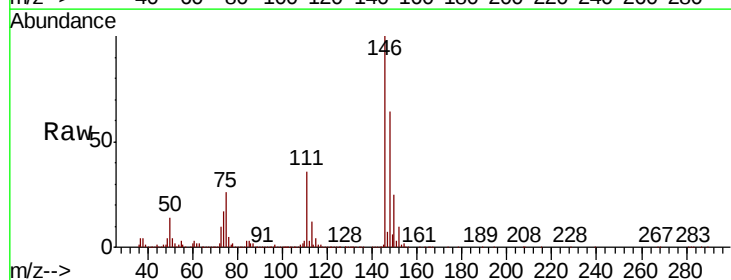
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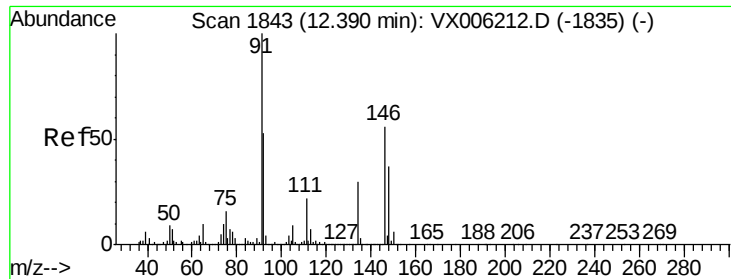
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#88
 1,4-Dichlorobenzene
 Concen: 19.704 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. 0.00 min
 Lab File: VX006211.D
 Acq: 29 Nov 2018 14:58

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.5	18.3	54.8
148	65.0	31.9	95.9





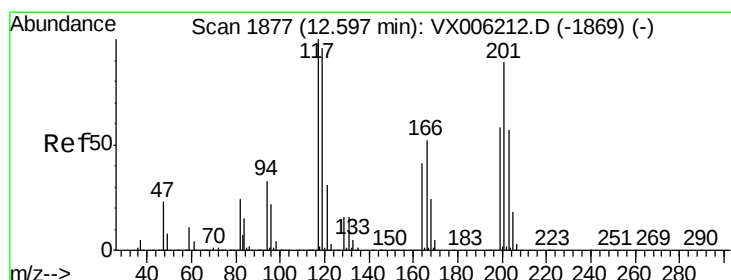
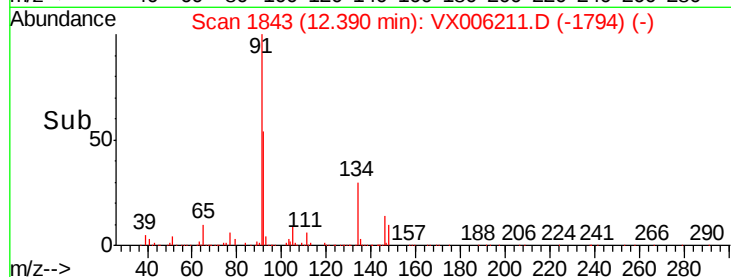
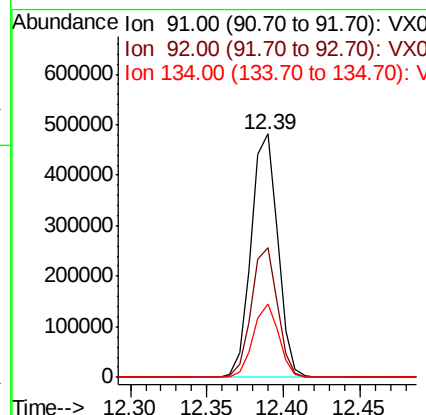
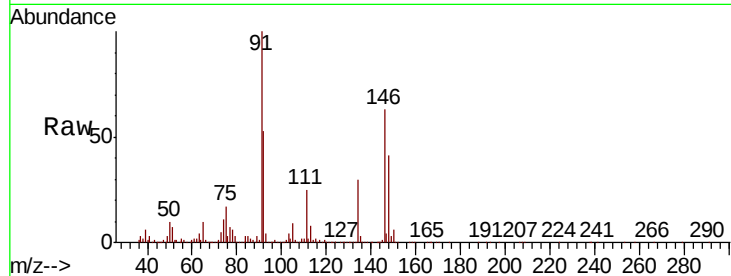
#89
n-Butylbenzene
Concen: 19.306 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. 0.00 min
Lab File: VX006211.D
Acq: 29 Nov 2018 14:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tgt Ion	Ratio	Lower	Upper
91	100		
92	52.5	26.6	79.8
134	29.0	14.8	44.3

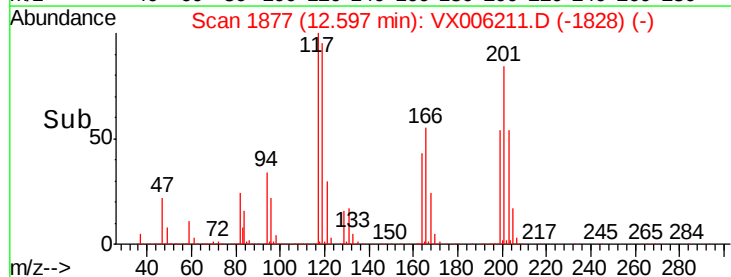
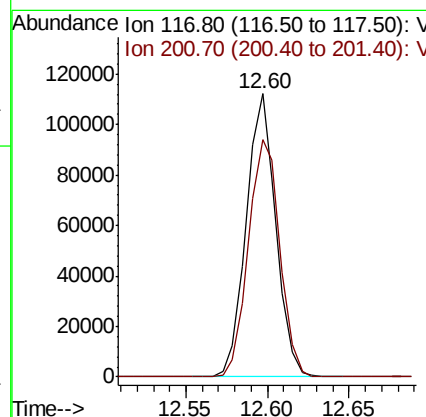
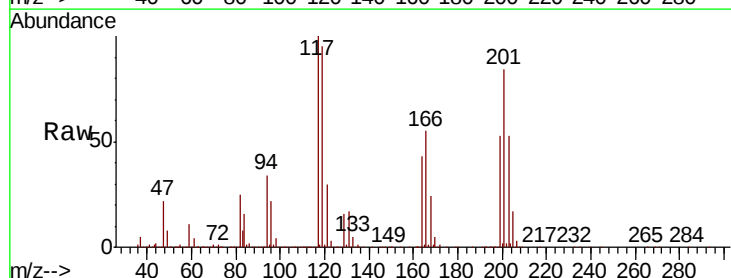
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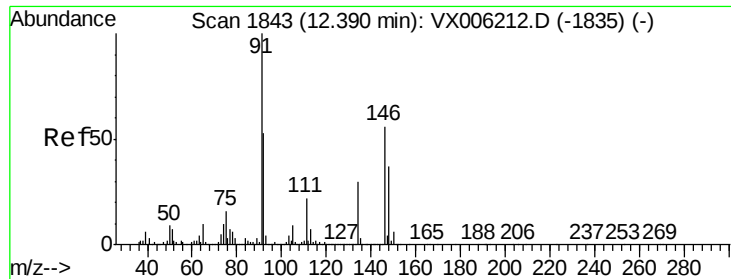
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#90
Hexachloroethane
Concen: 19.542 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. 0.00 min
Lab File: VX006211.D
Acq: 29 Nov 2018 14:58

Tgt Ion	Ratio	Lower	Upper
117	100		
201	89.3	44.7	134.1





#91

1,2-Dichlorobenzene

Concen: 19.766 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. 0.00 min

Lab File: VX006211.D

Acq: 29 Nov 2018 14:58

Instrument :

MSVOA_X

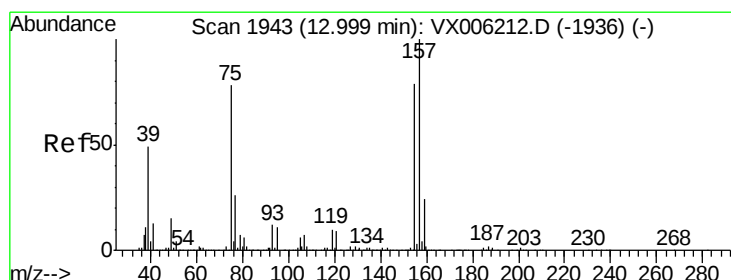
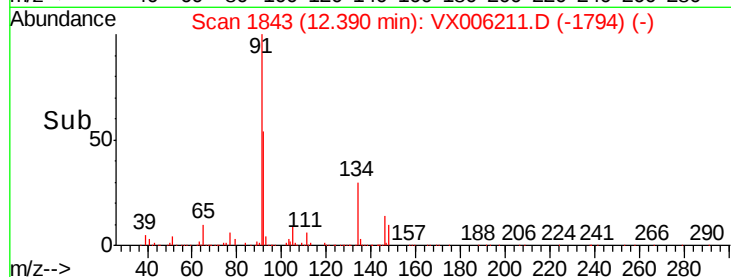
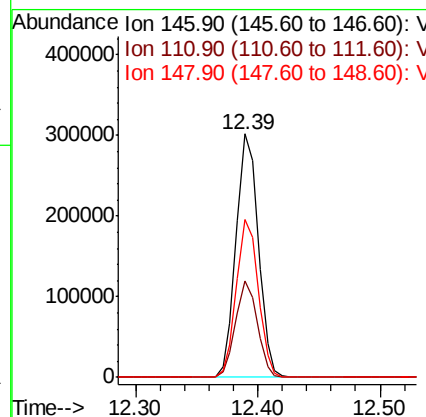
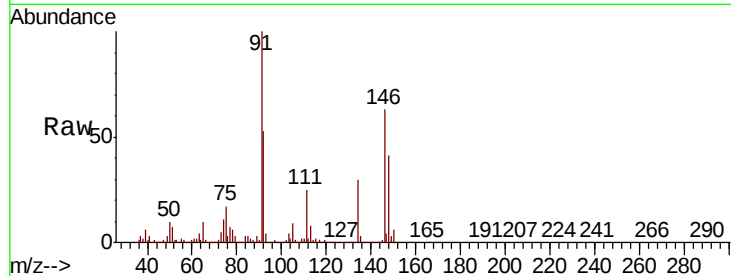
ClientSampleId :

VSTDIC020

Tgt Ion:	146	Resp:	377552
Ion Ratio	Lower	Upper	
146	100		
111	38.9	19.1	57.3
148	64.5	32.1	96.3

Manual Integrations
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#92

1,2-Dibromo-3-Chloropropane

Concen: 19.692 ug/l

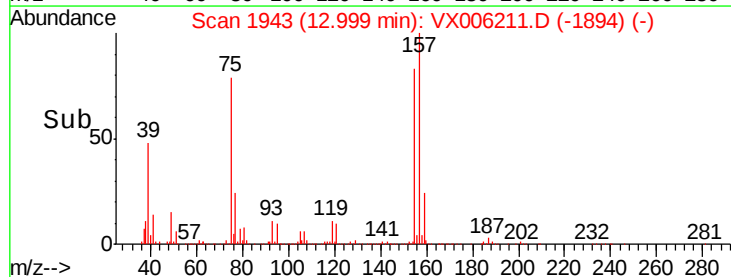
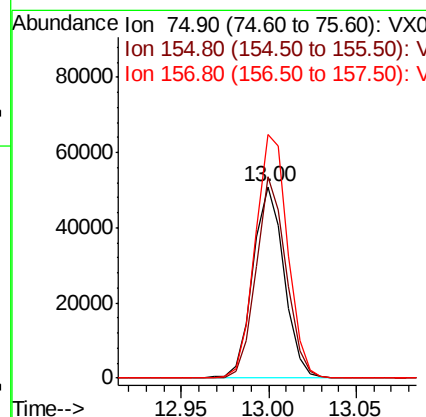
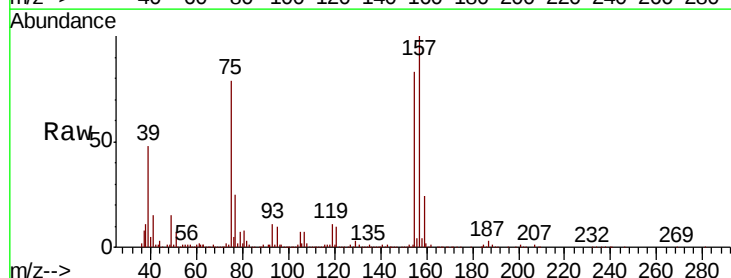
RT: 13.00 min Scan# 1943

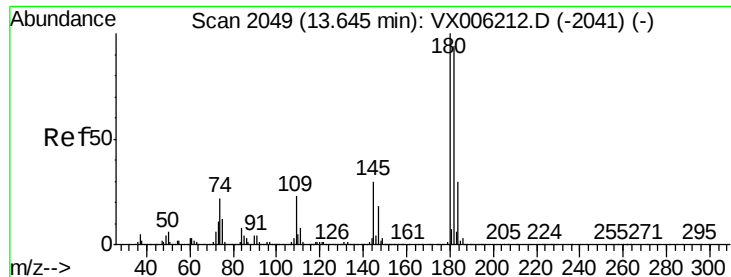
Delta R.T. 0.00 min

Lab File: VX006211.D

Acq: 29 Nov 2018 14:58

Tgt Ion:	75	Resp:	62944
Ion Ratio	Lower	Upper	
75	100		
155	101.6	53.4	160.3
157	132.9	68.0	203.8





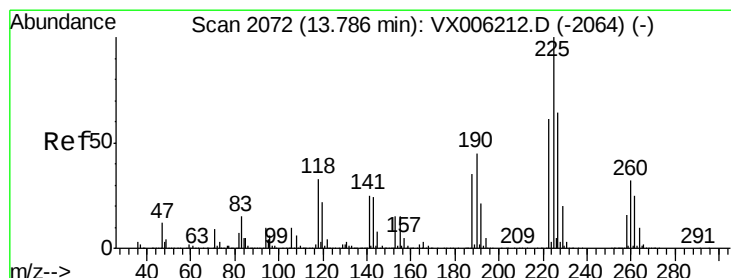
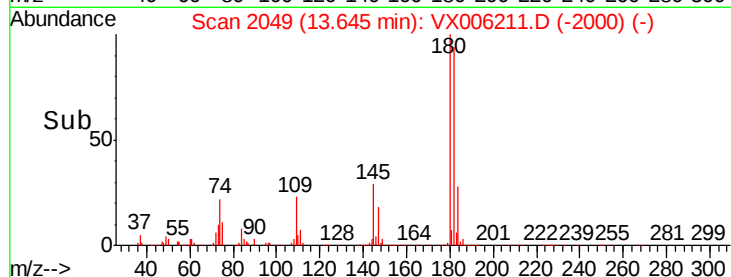
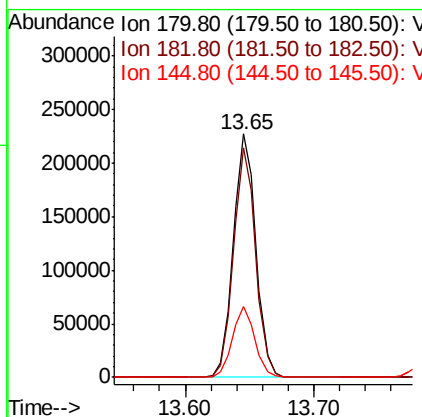
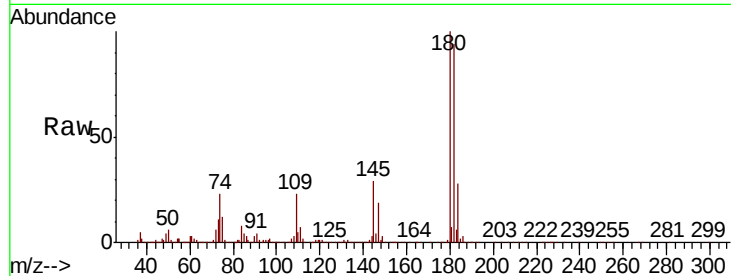
#93
 1,2,4-Trichlorobenzene
 Concen: 19.893 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. 0.00 min
 Lab File: VX006211.D
 Acq: 29 Nov 2018 14:58

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	277215		
182	92.8	47.3	141.9	
145	29.1	14.6	43.8	

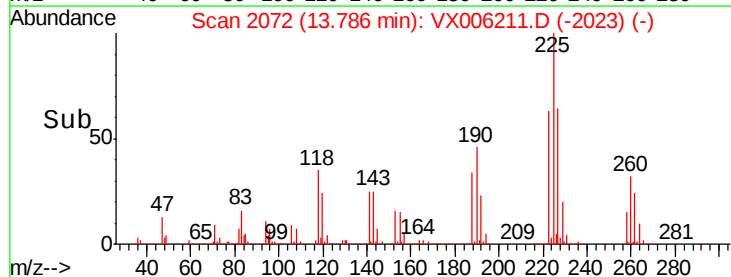
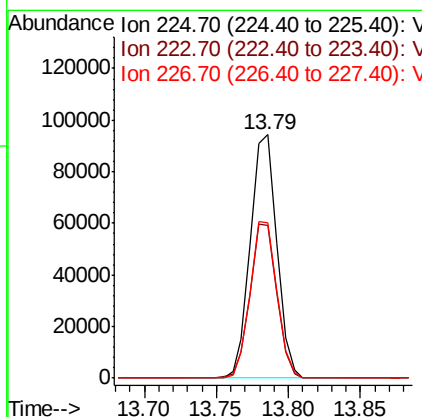
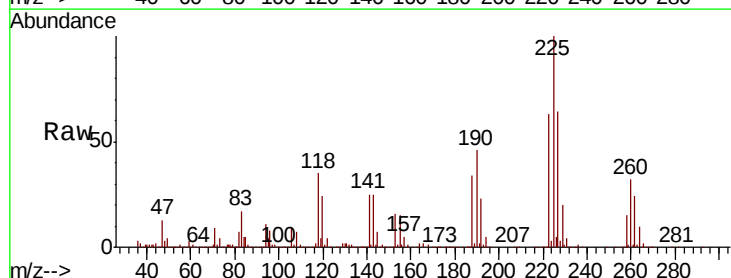
Manual Integrations
 APPROVED

MMDadoda
 11/30/2018 10:13:06 AM



#94
 Hexachlorobutadiene
 Concen: 19.369 ug/l
 RT: 13.79 min Scan# 2072
 Delta R.T. 0.00 min
 Lab File: VX006211.D
 Acq: 29 Nov 2018 14:58

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	119370		
223	63.6	31.2	93.6	
227	64.9	31.9	95.5	





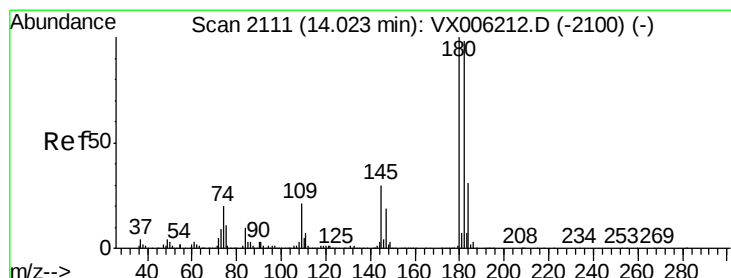
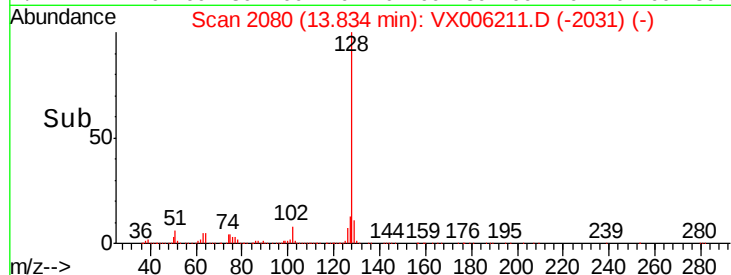
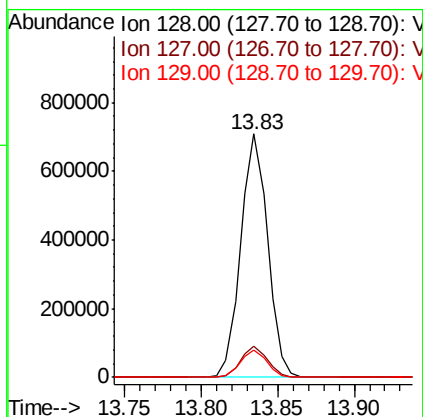
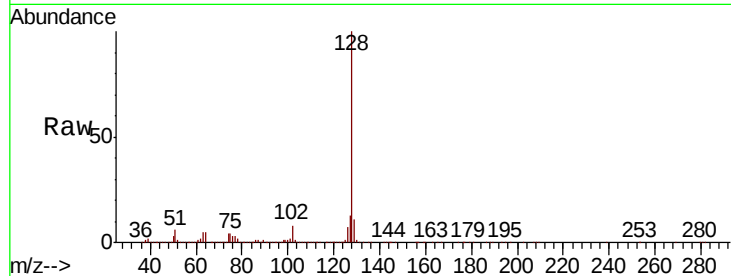
#95
Naphthalene
Concen: 19.943 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VX006211.D
Acq: 29 Nov 2018 14:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	864493		
127	12.7	10.2	15.4	
129	11.2	8.9	13.3	

Manual Integrations
APPROVED

MMDadoda
11/30/2018 10:13:06 AM



#96
1,2,3-Trichlorobenzene
Concen: 19.849 ug/l
RT: 14.02 min Scan# 2111
Delta R.T. 0.00 min
Lab File: VX006211.D
Acq: 29 Nov 2018 14:58

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	273966		
182	94.4	48.4	145.2	
145	31.6	15.6	46.8	

