

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX113018\
 Data File : VX006233.D
 Acq On : 30 Nov 2018 16:29
 Operator : JC/MD
 Sample : VX1130WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1130WBSD01

Manual Integrations
 APPROVED

MMDadoda
 12/3/2018 11:59:39 AM

Quant Time: Dec 01 00:12:09 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112918W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 30 03:55:33 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	768086	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	1148774	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	1044487	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	541372	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	382369	48.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.54%	
35) Dibromofluoromethane	5.50	113	361872	48.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.30%	
50) Toluene-d8	8.71	98	1330945	49.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.38%	
62) 4-Bromofluorobenzene	11.13	95	502437	49.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.56%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	157735	20.974	ug/l	99
3) Chloromethane	1.33	50	156784	20.287	ug/l	97
4) Vinyl Chloride	1.41	62	168965	20.314	ug/l	98
5) Bromomethane	1.64	94	116711	20.246	ug/l	96
6) Chloroethane	1.73	64	107168	21.014	ug/l	100
7) Trichlorofluoromethane	1.93	101	256425	20.083	ug/l	99
8) Diethyl Ether	2.19	74	95525	19.768	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.39	101	139364	19.196	ug/l	99
10) Methyl Iodide	2.51	142	215558	19.701	ug/l	100
11) Tert butyl alcohol	3.07	59	209457	97.680	ug/l	99
12) 1,1-Dichloroethene	2.38	96	136683	19.666	ug/l	93
13) Acrolein	2.30	56	106010	90.452	ug/l	99
14) Allyl chloride	2.73	41	264987	19.301	ug/l	99
15) Acrylonitrile	3.15	53	436424	97.532	ug/l	100
16) Acetone	2.45	43	366855	99.697	ug/l	99
17) Carbon Disulfide	2.57	76	415749	19.413	ug/l	100
18) Methyl Acetate	2.78	43	271369	22.052	ug/l	99
19) Methyl tert-butyl Ether	3.20	73	480311	19.372	ug/l	100
20) Methylene Chloride	2.86	84	150274	19.189	ug/l	95
21) trans-1,2-Dichloroethene	3.17	96	145371	19.627	ug/l	99
22) Diisopropyl ether	3.87	45	415864	19.393	ug/l	93
23) Vinyl Acetate	3.82	43	1821984	99.614	ug/l	99
24) 1,1-Dichloroethane	3.70	63	235989	19.253	ug/l	99
25) 2-Butanone	4.70	43	521516	99.329	ug/l	100
26) 2,2-Dichloropropane	4.59	77	209086	18.484	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	165832	20.073	ug/l	98
28) Bromochloromethane	5.02	49	100332	18.740	ug/l	96
29) Tetrahydrofuran	5.15	42	353438	96.858	ug/l	98
30) Chloroform	5.21	83	254217	19.736	ug/l	93
31) Cyclohexane	5.57	56	219455	19.374	ug/l	95
32) 1,1,1-Trichloroethane	5.50	97	239402	19.534	ug/l	99
36) 1,1-Dichloropropene	5.80	75	186159	19.244	ug/l	100
37) Ethyl Acetate	4.85	43	205334	18.954	ug/l	99
38) Carbon Tetrachloride	5.78	117	224766	19.750	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	238834	19.020	ug/l	98
40) Benzene	6.14	78	572662	19.765	ug/l	97
41) Methacrylonitrile	5.06	41	112316	18.841	ug/l	98
42) 1,2-Dichloroethane	6.20	62	188969	19.928	ug/l	99
43) Isopropyl Acetate	6.46	43	343858	19.037	ug/l	100
44) Trichloroethene	7.21	130	169301	19.288	ug/l	96
45) 1,2-Dichloropropane	7.52	63	144374	19.606	ug/l	100
46) Dibromomethane	7.66	93	104192	19.591	ug/l	99
47) Bromodichloromethane	7.90	83	202795	19.691	ug/l	100
48) Methyl methacrylate	7.77	41	167981	19.117	ug/l	99
49) 1,4-Dioxane	7.75	88	84820	391.646	ug/l	99
51) 4-Methyl-2-Pentanone	8.65	43	1035477	98.476	ug/l	100
52) Toluene	8.79	92	374450	19.644	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	230006	19.096	ug/l	99
54) cis-1,3-Dichloropropene	8.44	75	238761	19.090	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	154387	19.936	ug/l	98
56) Ethyl methacrylate	9.18	69	234272	19.351	ug/l	100
57) 1,3-Dichloropropane	9.37	76	241372	19.711	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	595476	96.929	ug/l	100
59) 2-Hexanone	9.49	43	790208	98.365	ug/l	100
60) Dibromochloromethane	9.59	129	185929	19.471	ug/l	99
61) 1,2-Dibromoethane	9.67	107	170289	19.666	ug/l	100
64) Tetrachloroethene	9.34	164	185853	23.628	ug/l	98
65) Chlorobenzene	10.14	112	434771	19.609	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.22	131	167220	19.411	ug/l	99
67) Ethyl Benzene	10.25	91	722914	19.604	ug/l	98
68) m/p-Xylenes	10.36	106	574875	38.917	ug/l	99
69) o-Xylene	10.70	106	283455	19.427	ug/l	98
70) Styrene	10.71	104	458218	19.417	ug/l	100
71) Bromoform	10.86	173	156663	19.265	ug/l #	98
73) Isopropylbenzene	11.02	105	741741	19.840	ug/l	100
74) N-amyl acetate	10.90	43	315187	19.578	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	241386	20.182	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	187280m	17.923	ug/l	
77) Bromobenzene	11.26	156	203897	19.652	ug/l	99
78) n-propylbenzene	11.36	91	819596	19.721	ug/l	100
79) 2-Chlorotoluene	11.42	91	486299	19.688	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	618080	19.870	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.07	75	84265	18.924	ug/l	94
82) 4-Chlorotoluene	11.51	91	563737	19.630	ug/l	100
83) tert-Butylbenzene	11.77	119	662920	19.974	ug/l	100
84) 1,2,4-Trimethylbenzene	11.80	105	634076	19.741	ug/l	99
85) sec-Butylbenzene	11.94	105	744030	19.705	ug/l	100
86) p-Isopropyltoluene	12.07	119	668373	19.658	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	365992	19.825	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	358133	19.113	ug/l	98
89) n-Butylbenzene	12.39	91	555109	19.135	ug/l	99
90) Hexachloroethane	12.60	117	136543	19.705	ug/l	100
91) 1,2-Dichlorobenzene	12.39	146	365023	19.922	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	56841	18.539	ug/l	99

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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	258137	19.311	ug/l	99
94) Hexachlorobutadiene	13.78	225	118459	20.038	ug/l	99
95) Naphthalene	13.83	128	820727	19.738	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	258468	19.522	ug/l	99

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

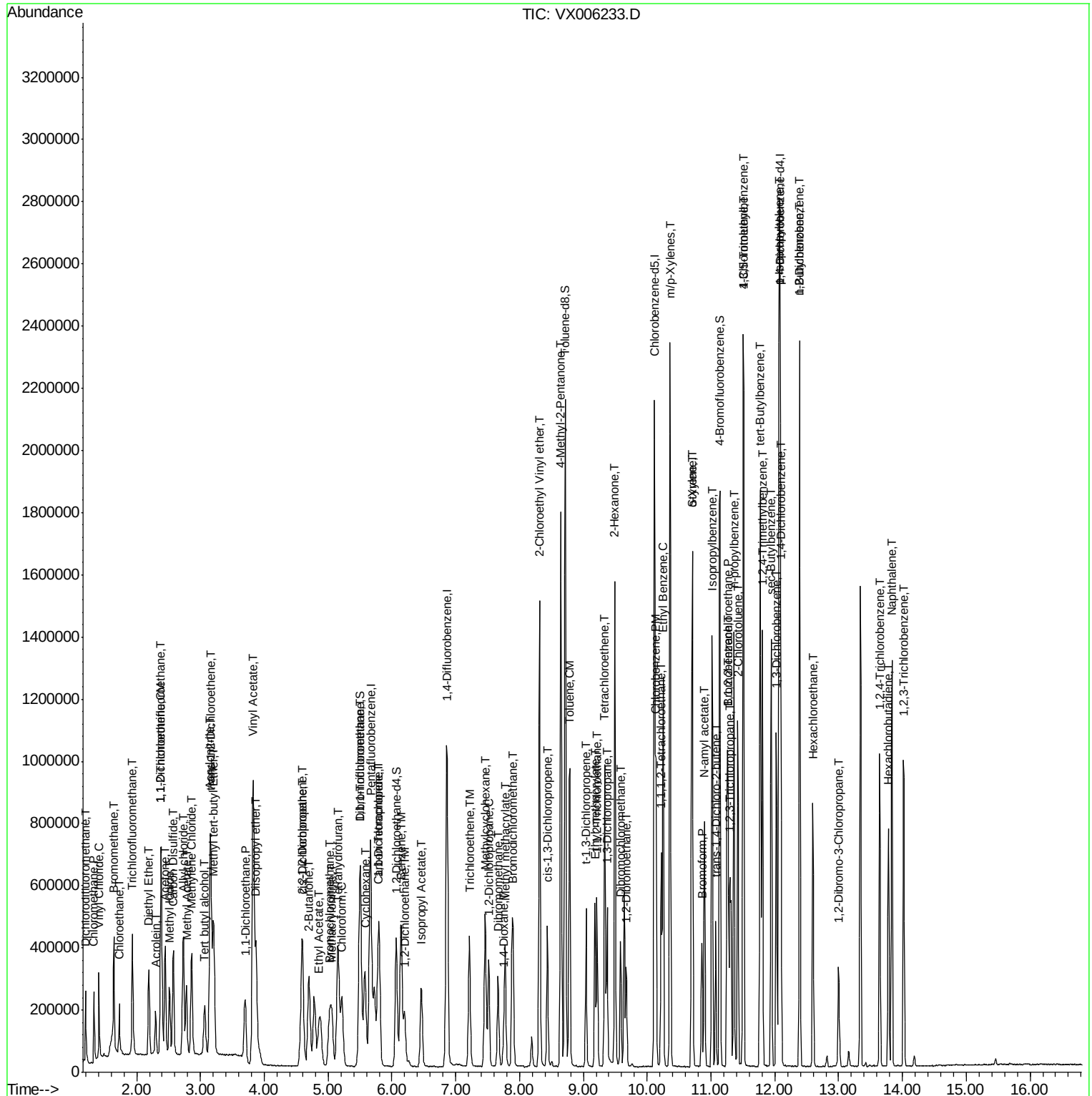
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Data File : VX006233.D
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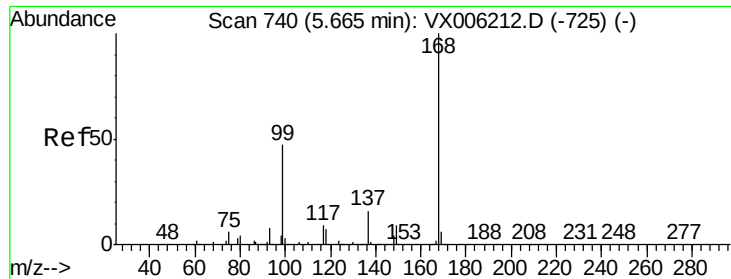
Instrument :
MSVOA_X
Client Sample ID :
VX1130WBSD01

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





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.00 min

Lab File: VX006233.D

Acq: 30 Nov 2018 16:29

Instrument :

MSVOA_X

ClientSampleId :

VX1130WBSD01

Tot Ion:168 Resp: 768086

Ion Ratio Lower Upper

168 100

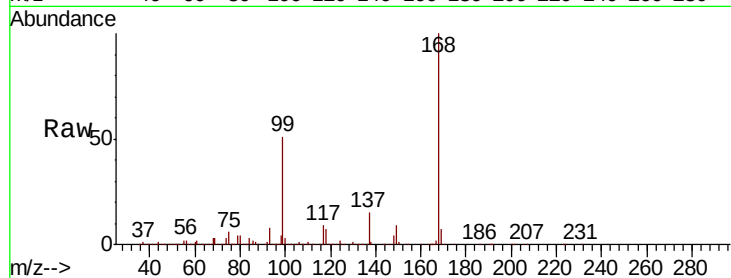
99 50.6 37.8 56.8

Manual Integrations

APPROVED

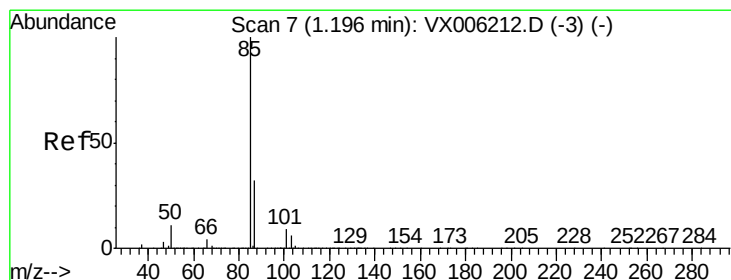
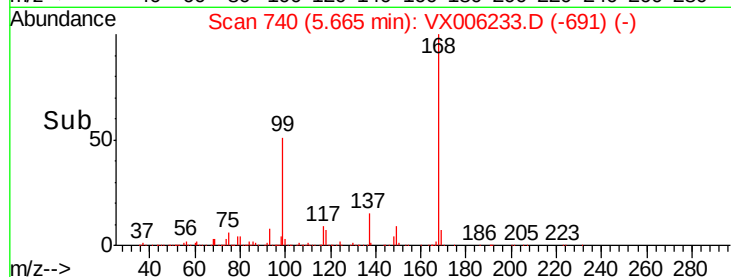
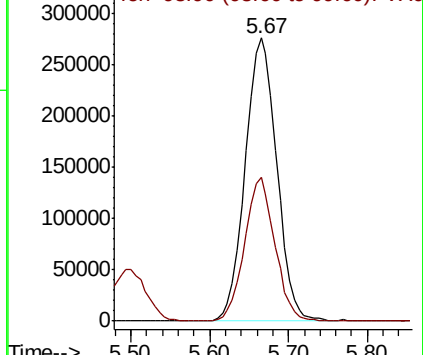
MMDadoda

12/3/2018 11:59:39 AM



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 20.974 ug/l

RT: 1.20 min Scan# 8

Delta R.T. 0.01 min

Lab File: VX006233.D

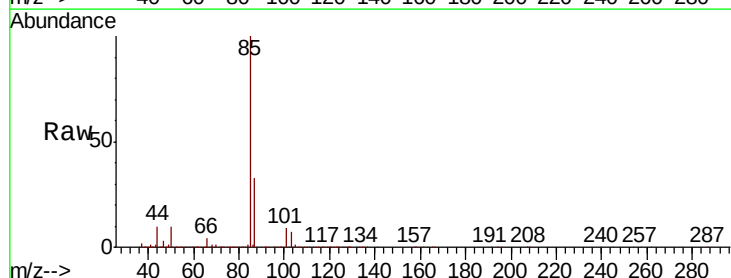
Acq: 30 Nov 2018 16:29

Tgt Ion: 85 Resp: 157735

Ion Ratio Lower Upper

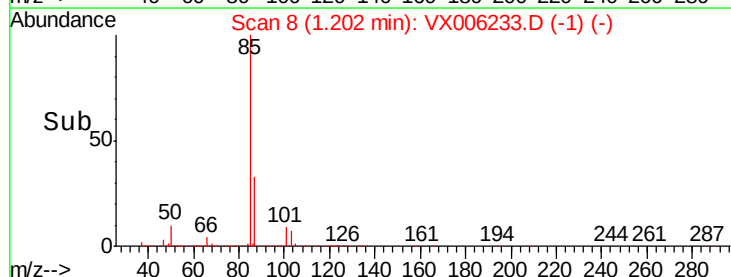
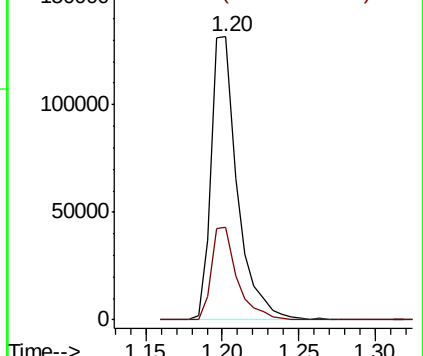
85 100

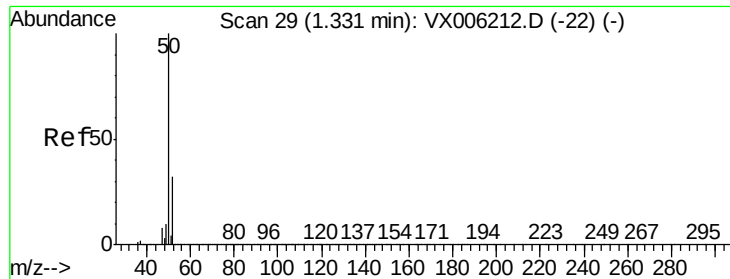
87 32.8 16.1 48.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 20.287 ug/l

RT: 1.33 min Scan# 29

Delta R.T. 0.00 min

Lab File: VX006233.D

Acq: 30 Nov 2018 16:29

Instrument :

MSVOA_X

ClientSampleId :

VX1130WBSD01

Tot Ion: 50 Resp: 156784

Ion Ratio Lower Upper

50 100

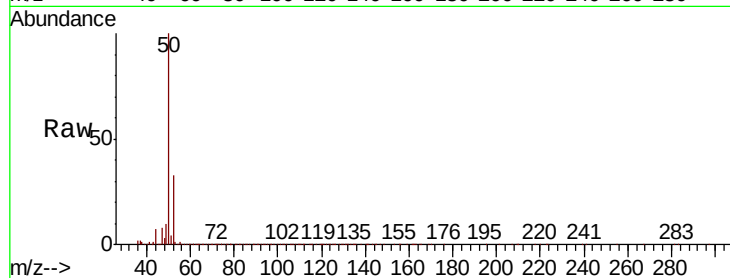
52 33.3 25.2 37.8

Manual Integrations

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Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

1.33

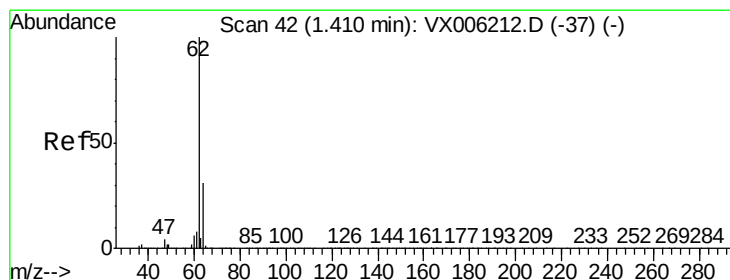
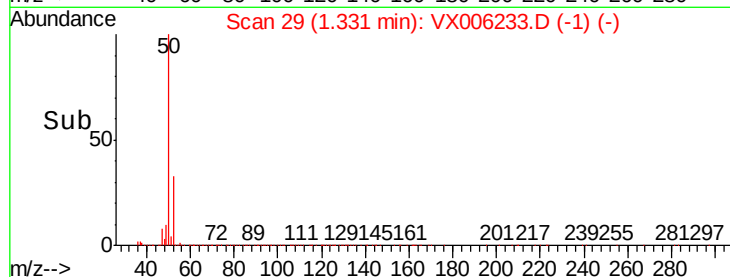
150000

100000

50000

0

Time-->



#4

Vinyl Chloride

Concen: 20.314 ug/l

RT: 1.41 min Scan# 42

Delta R.T. 0.00 min

Lab File: VX006233.D

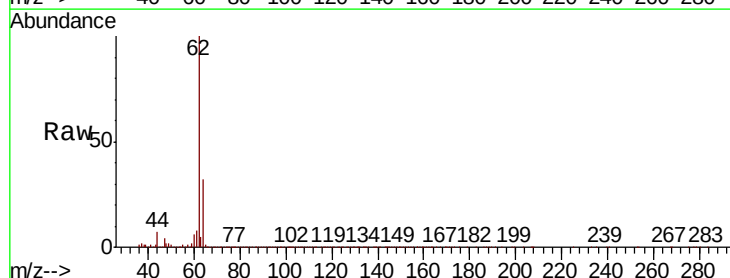
Acq: 30 Nov 2018 16:29

Tgt Ion: 62 Resp: 168965

Ion Ratio Lower Upper

62 100

64 32.1 24.9 37.3



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0

1.41

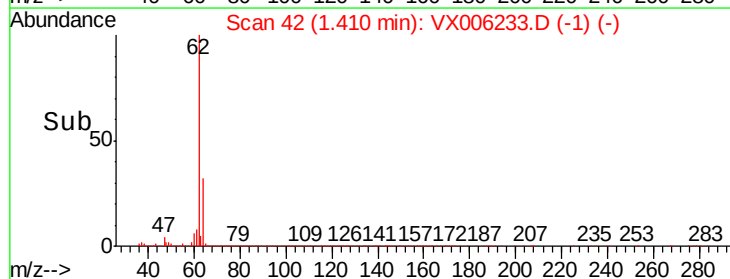
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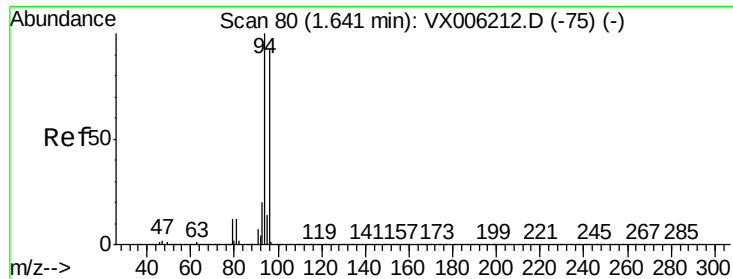
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50000

0

Time-->





#5

Bromomethane

Concen: 20.246 ug/l

RT: 1.64 min Scan# 80

Delta R.T. 0.00 min

Lab File: VX006233.D

Acq: 30 Nov 2018 16:29

Instrument :

MSVOA_X

ClientSampleId :

VX1130WBSD01

Tot Ion: 94 Resp: 116711

Ion Ratio Lower Upper

94 100

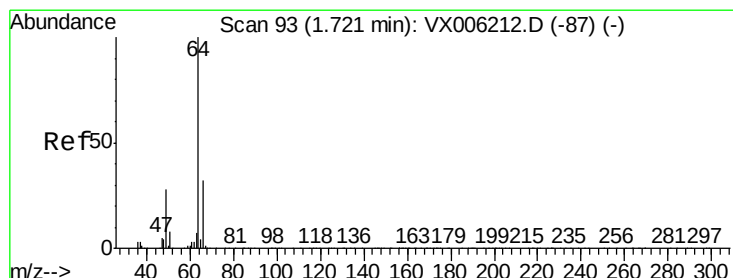
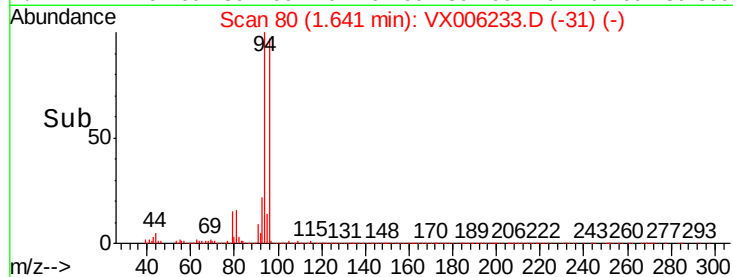
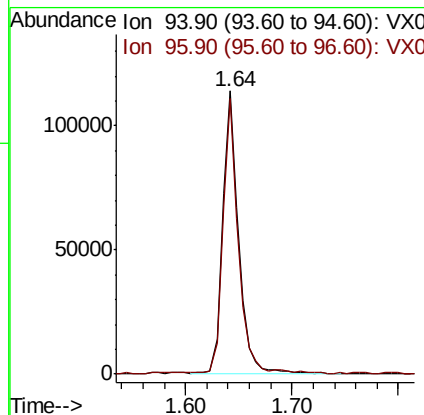
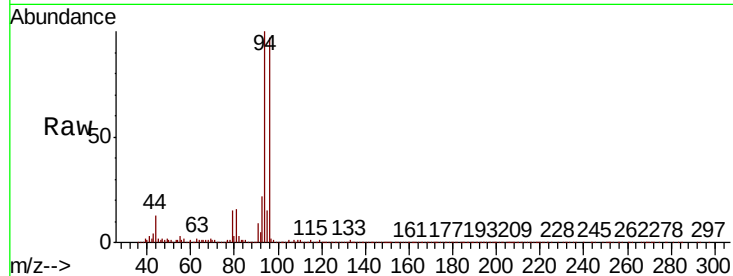
96 97.1 74.5 111.7

Manual Integrations

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#6

Chloroethane

Concen: 21.014 ug/l

RT: 1.73 min Scan# 94

Delta R.T. 0.01 min

Lab File: VX006233.D

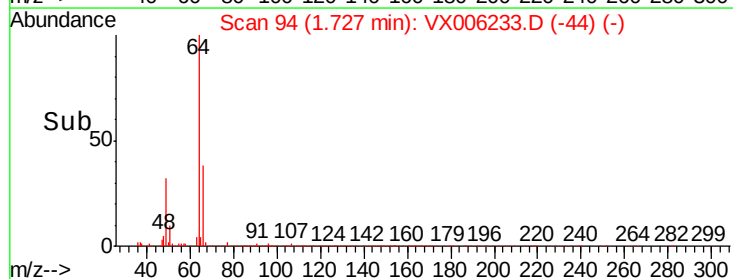
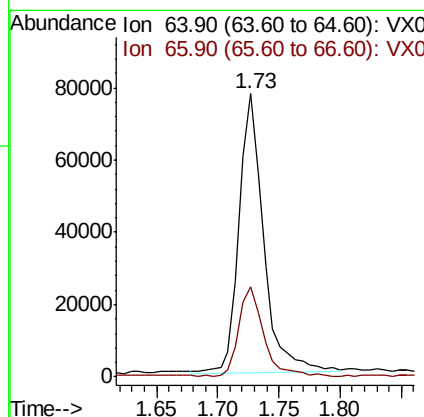
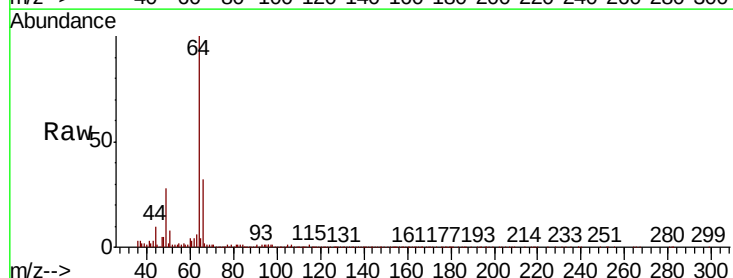
Acq: 30 Nov 2018 16:29

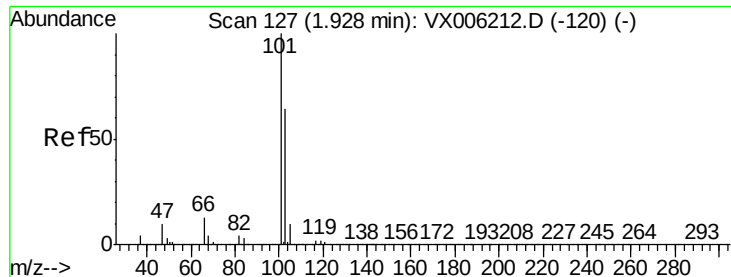
Tgt Ion: 64 Resp: 107168

Ion Ratio Lower Upper

64 100

66 32.3 25.9 38.9





#7

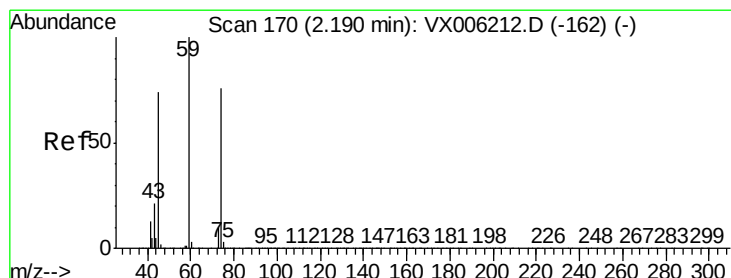
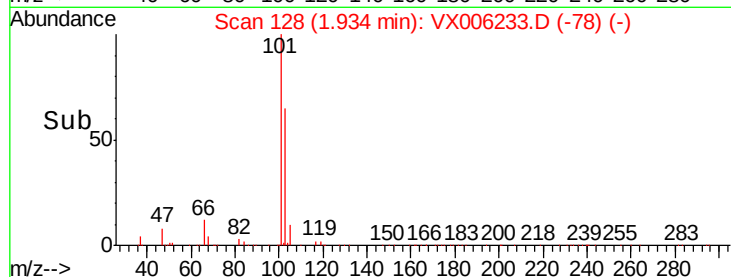
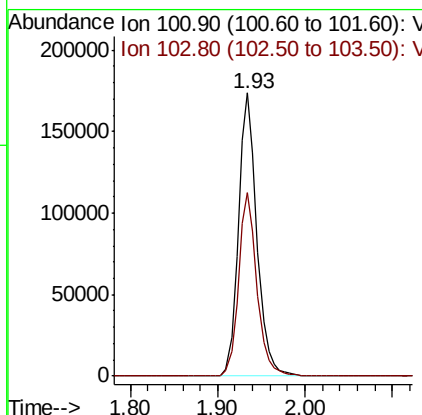
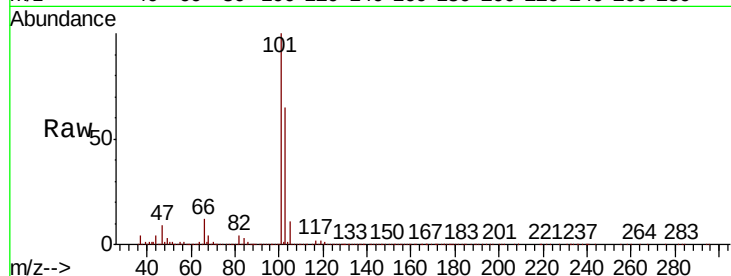
Trichlorofluoromethane
Concen: 20.083 ug/l
RT: 1.93 min Scan# 128
Delta R.T. 0.01 min
Lab File: VX006233.D
Acq: 30 Nov 2018 16:29

Instrument :
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Tot Ion	Ratio	Lower	Upper
101	100		
103	64.7	51.0	76.4

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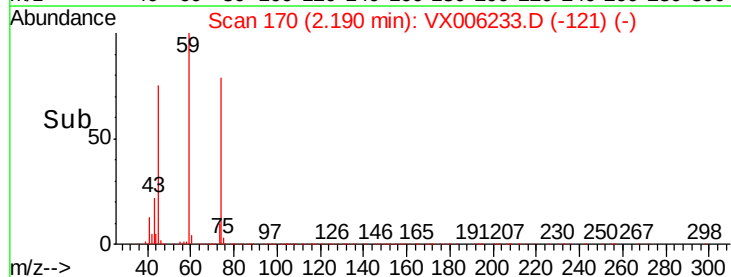
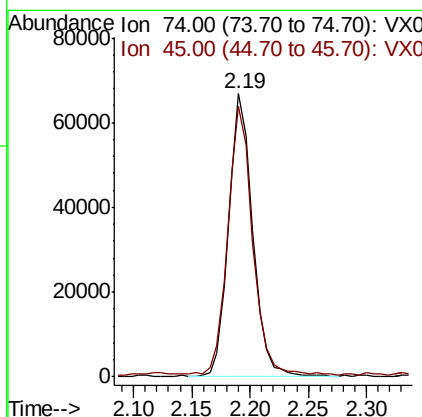
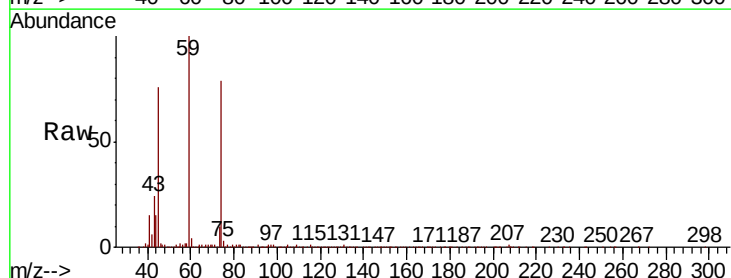
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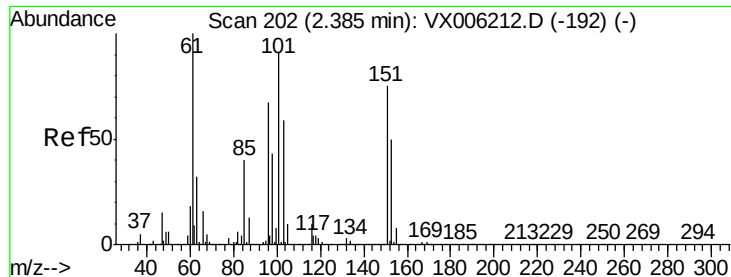


#8

Diethyl Ether
Concen: 19.768 ug/l
RT: 2.19 min Scan# 170
Delta R.T. 0.00 min
Lab File: VX006233.D
Acq: 30 Nov 2018 16:29

Tgt Ion	Ratio	Lower	Upper
74	100		
45	97.7	49.5	148.7





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.196 ug/l

RT: 2.39 min Scan# 202

Delta R.T. -0.00 min

Lab File: VX006233.D

Acq: 30 Nov 2018 16:29

Instrument :

MSVOA_X

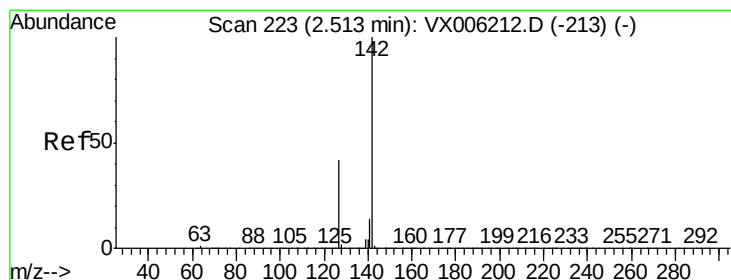
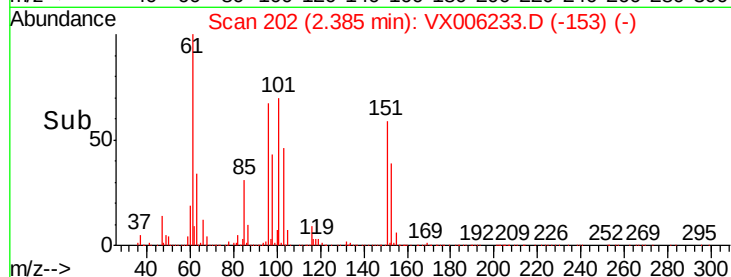
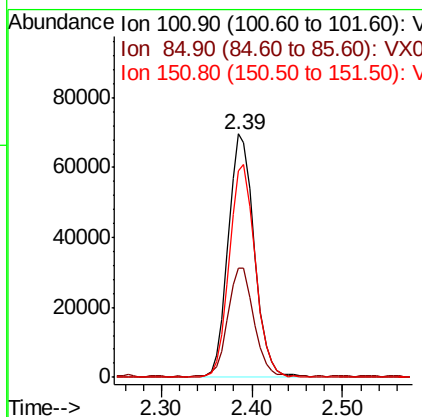
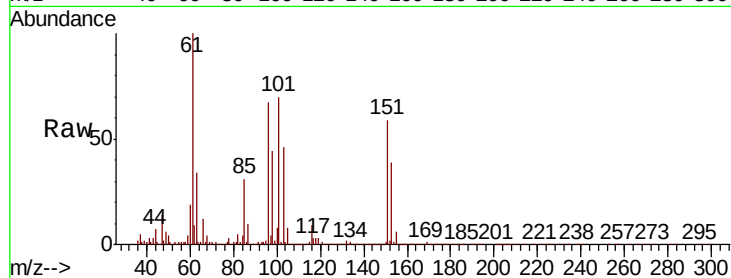
ClientSampleId :

VX1130WBSD01

Tot Ion:	101	Resp:	139364
Ion Ratio	Lower	Upper	
101	100		
85	44.1	35.5	53.3
151	87.0	68.6	103.0

Manual Integrations
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#10

Methyl Iodide

Concen: 19.701 ug/l

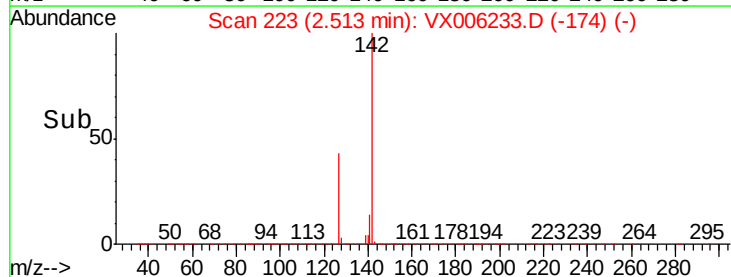
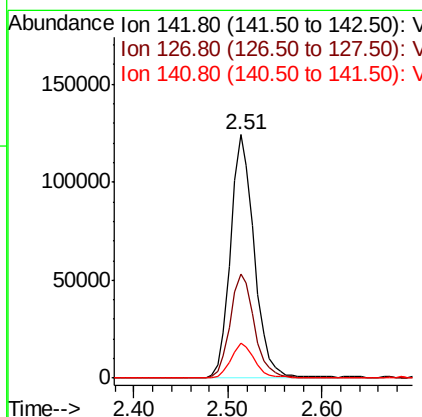
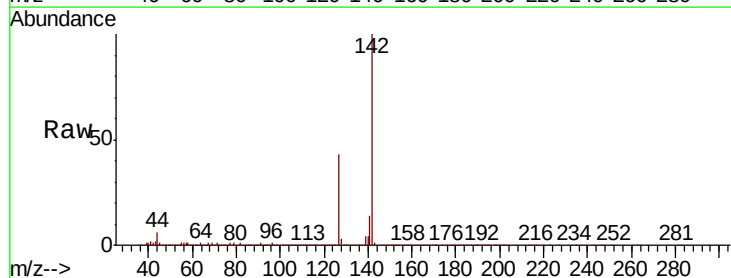
RT: 2.51 min Scan# 223

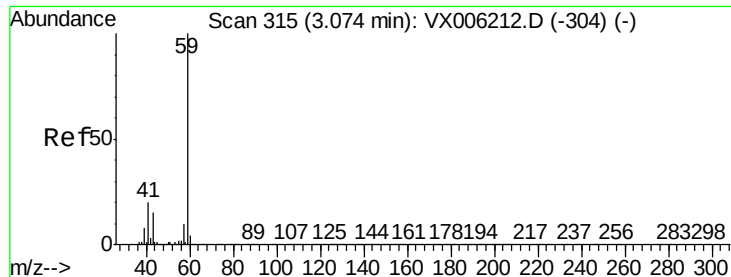
Delta R.T. 0.00 min

Lab File: VX006233.D

Acq: 30 Nov 2018 16:29

Tgt Ion:	142	Resp:	215558
Ion Ratio	Lower	Upper	
142	100		
127	43.4	34.8	52.2
141	13.9	11.4	17.2





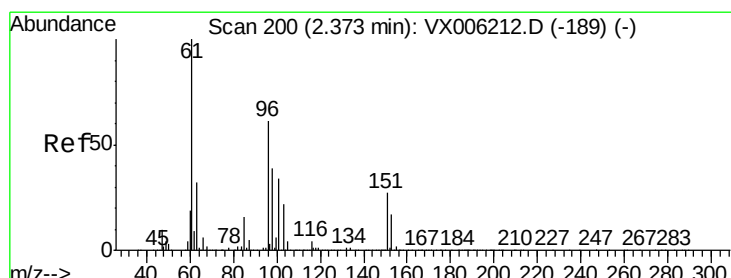
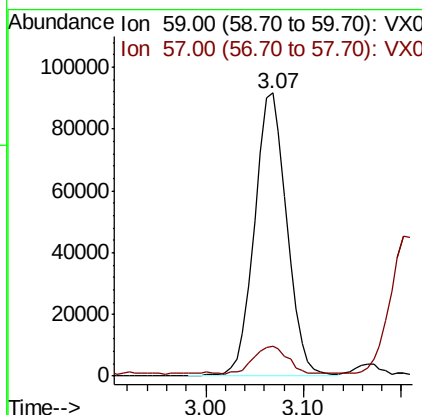
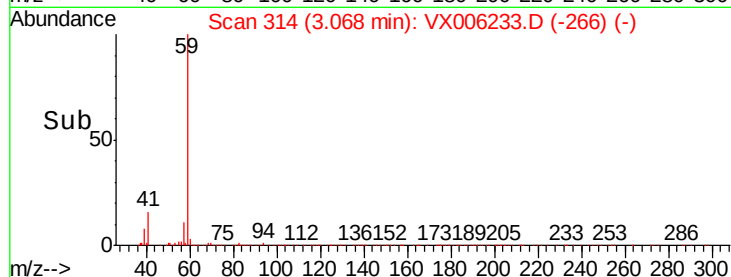
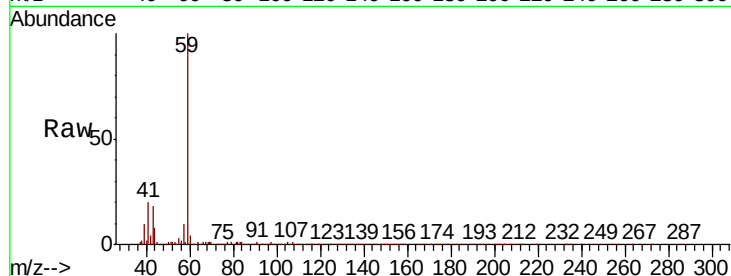
#11
Tert butyl alcohol
Concen: 97.680 ug/l
RT: 3.07 min Scan# 314
Delta R.T. -0.01 min
Lab File: VX006233.D
Acq: 30 Nov 2018 16:29

Instrument :
MSVOA_X
ClientSampleID :
VX1130WBSD01

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.6	8.2	12.2

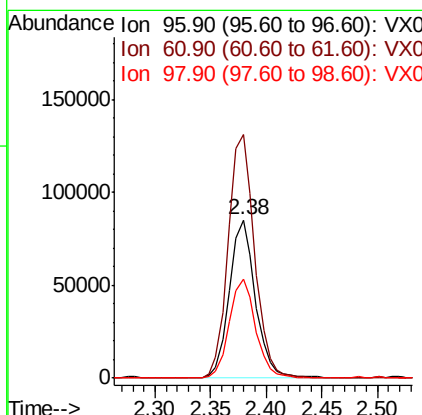
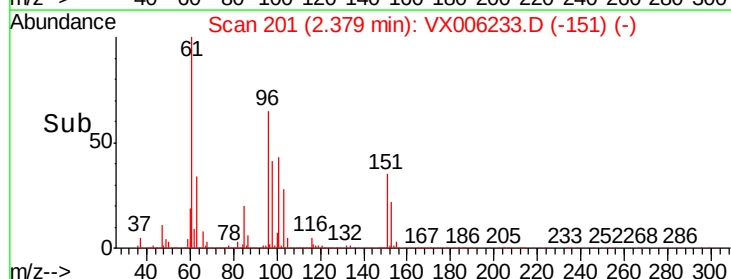
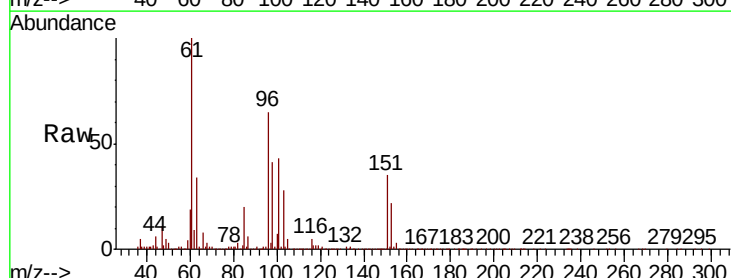
Manual Integrations
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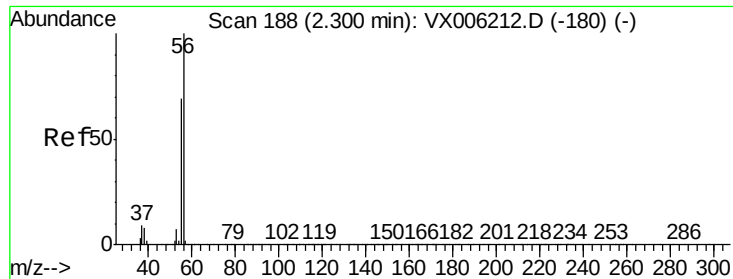
MMDadoda
12/3/2018 11:59:39 AM



#12
1,1-Dichloroethene
Concen: 19.666 ug/l
RT: 2.38 min Scan# 201
Delta R.T. 0.01 min
Lab File: VX006233.D
Acq: 30 Nov 2018 16:29

Tgt Ion	Ratio	Lower	Upper
96	100		
61	154.0	131.7	197.5
98	62.3	51.8	77.6





#13

Acrolein

Concen: 90.452 ug/l

RT: 2.30 min Scan# 188

Delta R.T. -0.00 min

Lab File: VX006233.D

Acq: 30 Nov 2018 16:29

Instrument :

MSVOA_X

ClientSampleId :

VX1130WBSD01

Tot Ion: 56 Resp: 106010

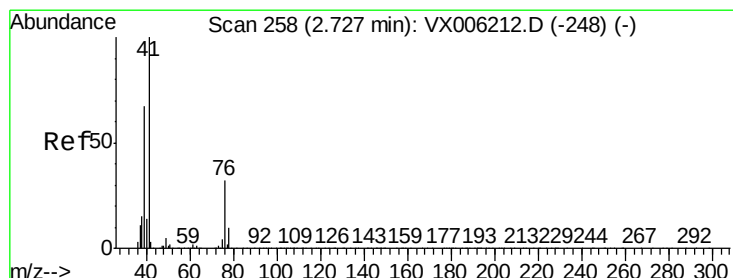
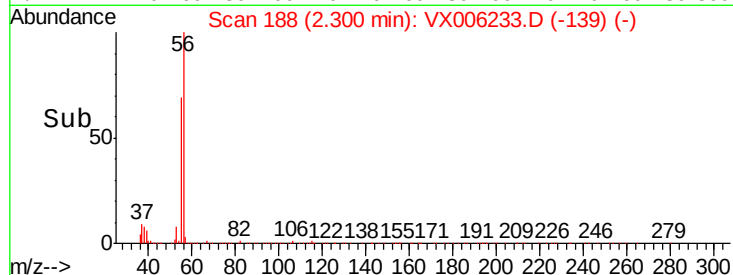
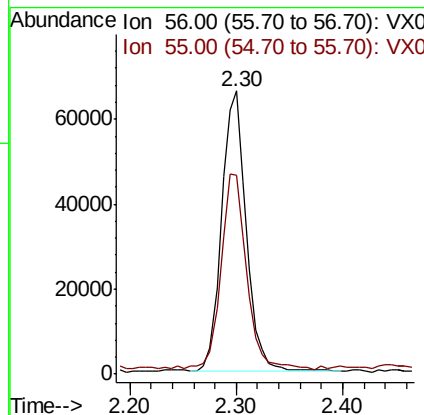
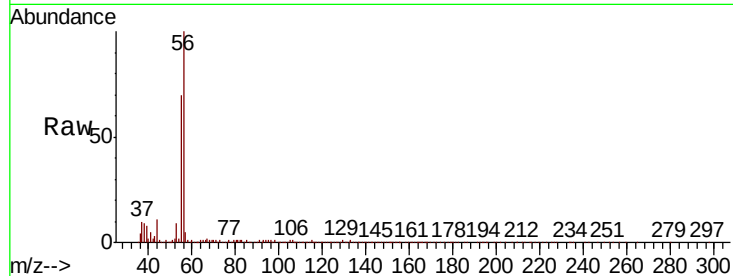
Ion Ratio Lower Upper

56 100

55 73.1 57.8 86.6

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#14

Allyl chloride

Concen: 19.301 ug/l

RT: 2.73 min Scan# 259

Delta R.T. 0.01 min

Lab File: VX006233.D

Acq: 30 Nov 2018 16:29

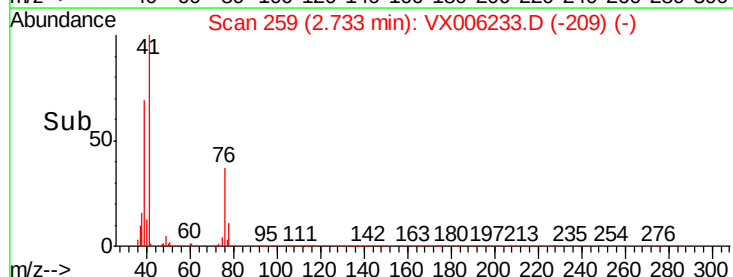
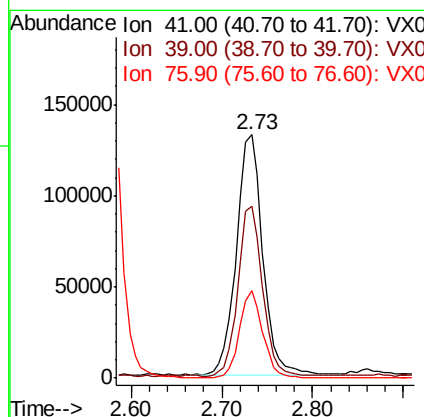
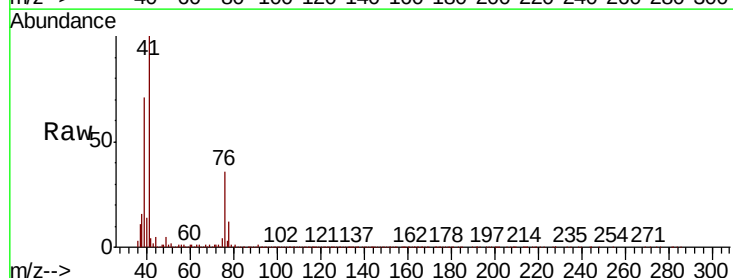
Tgt Ion: 41 Resp: 264987

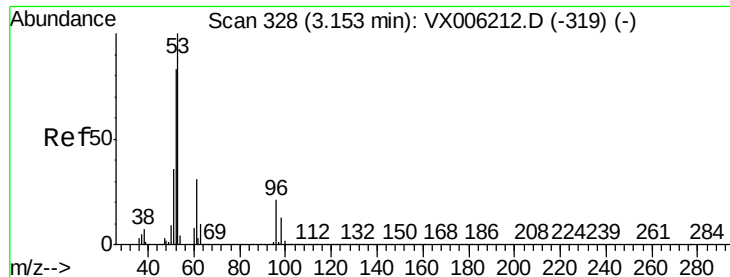
Ion Ratio Lower Upper

41 100

39 66.2 52.4 78.6

76 32.0 25.4 38.0





#15

Acrylonitrile

Concen: 97.532 ug/l

RT: 3.15 min Scan# 327

Delta R.T. -0.01 min

Lab File: VX006233.D

Acq: 30 Nov 2018 16:29

Instrument :

MSVOA_X

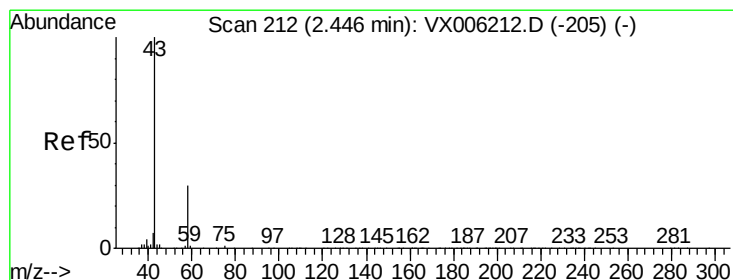
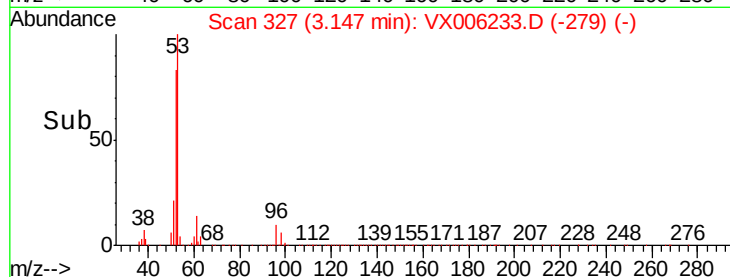
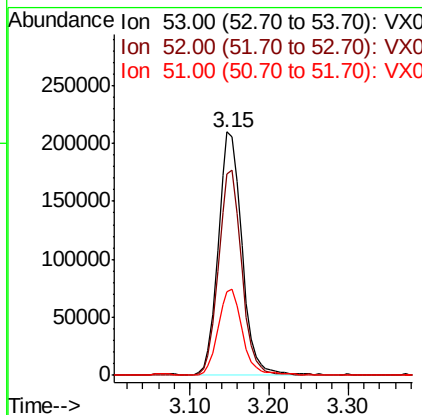
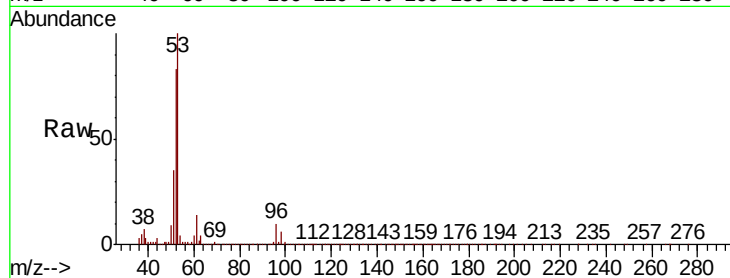
ClientSampleId :

VX1130WBSD01

Tot Ion:	53	Resp:	436424
Ion Ratio		Lower	Upper
53	100		
52	82.6	66.2	99.4
51	36.1	28.7	43.1

Manual Integrations
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#16

Acetone

Concen: 99.697 ug/l

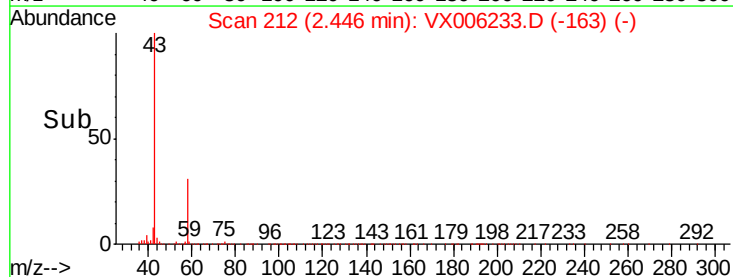
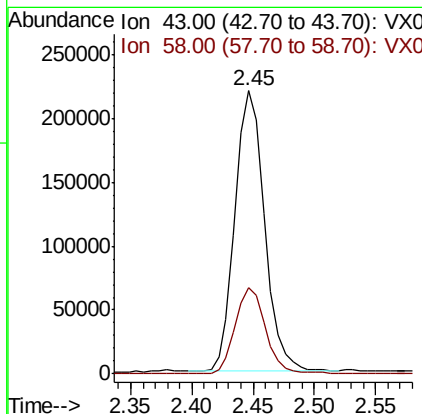
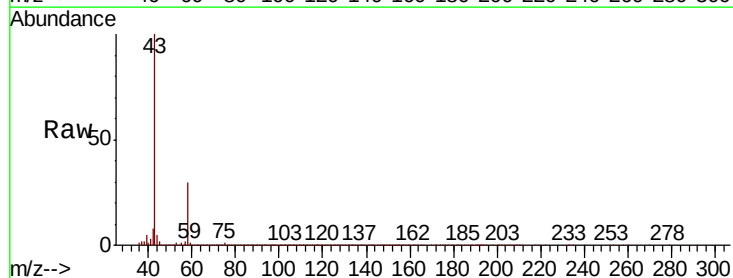
RT: 2.45 min Scan# 212

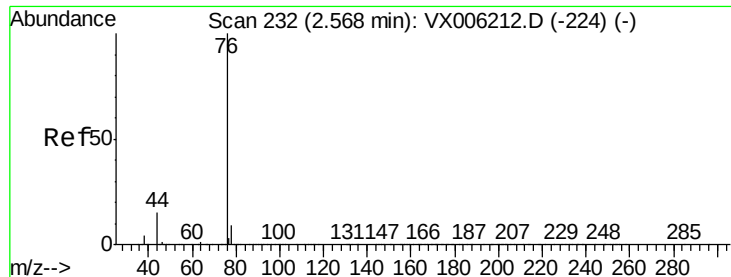
Delta R.T. 0.00 min

Lab File: VX006233.D

Acq: 30 Nov 2018 16:29

Tgt Ion:	43	Resp:	366855
Ion Ratio		Lower	Upper
43	100		
58	30.5	24.0	36.0





#17

Carbon Disulfide

Concen: 19.413 ug/l

RT: 2.57 min Scan# 233

Delta R.T. 0.01 min

Lab File: VX006233.D

Acq: 30 Nov 2018 16:29

Instrument :

MSVOA_X

ClientSampleId :

VX1130WBSD01

Tot Ion: 76 Resp: 415749

Ion Ratio Lower Upper

76 100

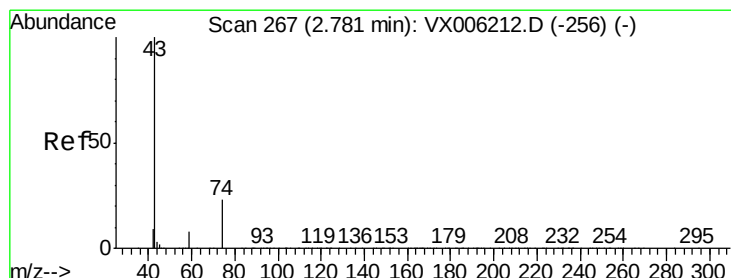
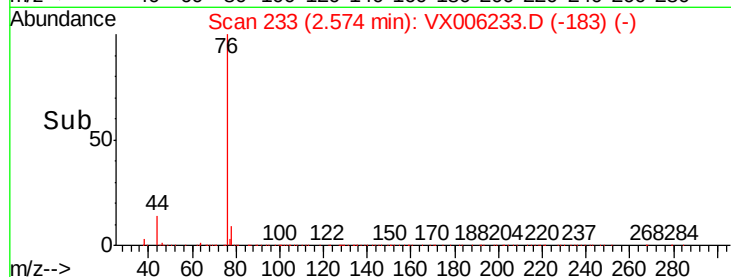
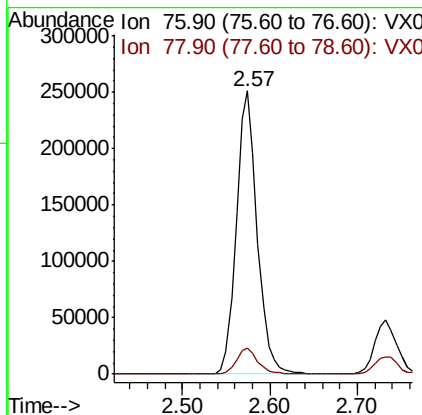
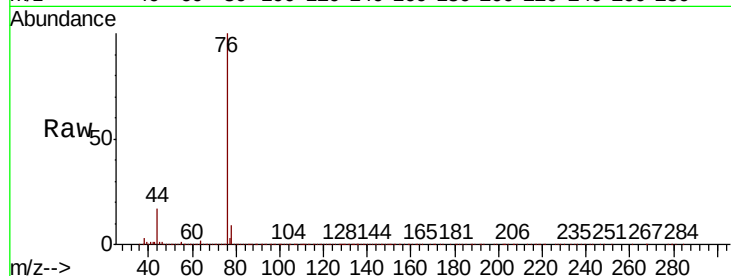
78 8.9 7.1 10.7

Manual Integrations

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#18

Methyl Acetate

Concen: 22.052 ug/l

RT: 2.78 min Scan# 267

Delta R.T. -0.00 min

Lab File: VX006233.D

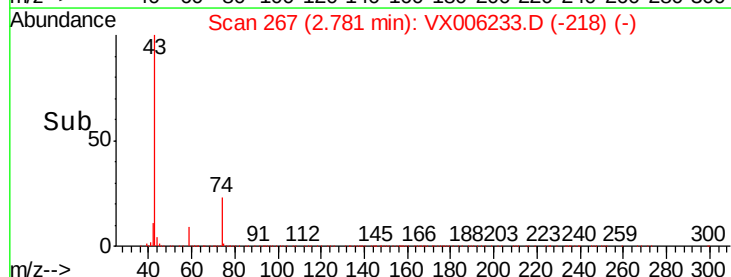
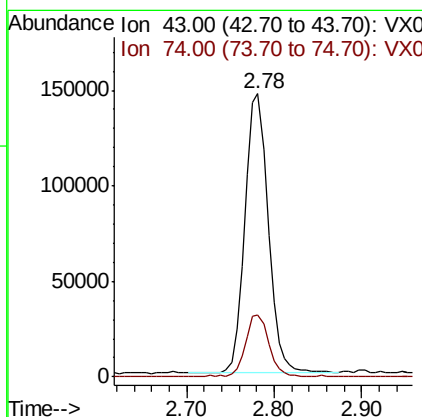
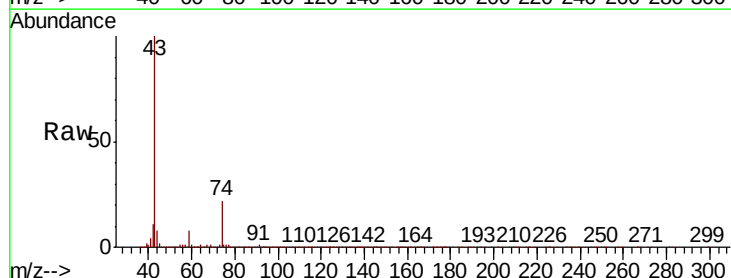
Acq: 30 Nov 2018 16:29

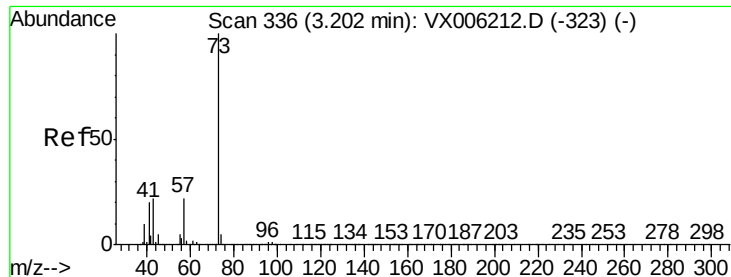
Tgt Ion: 43 Resp: 271369

Ion Ratio Lower Upper

43 100

74 22.1 17.9 26.9





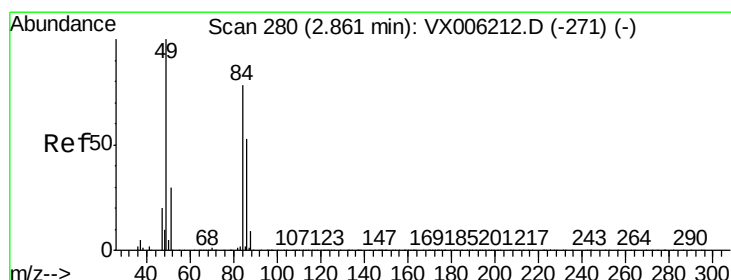
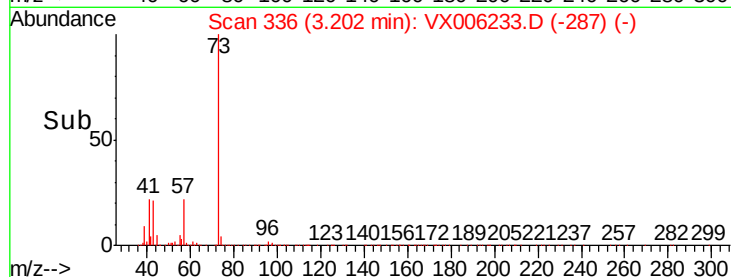
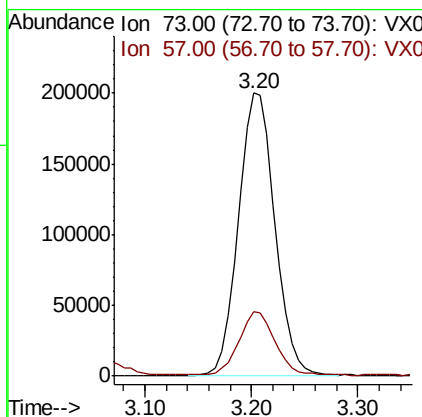
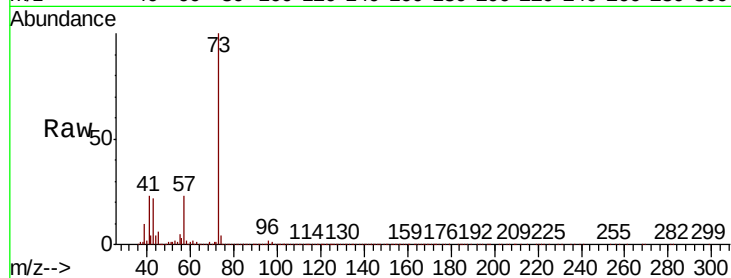
#19
Methyl tert-butyl Ether
Concen: 19.372 ug/l
RT: 3.20 min Scan# 336
Delta R.T. 0.00 min
Lab File: VX006233.D
Acq: 30 Nov 2018 16:29

Instrument :
MSVOA_X
ClientSampleId :
VX1130WBSD01

Tot Ion	Ratio	Lower	Upper
73	100		
57	22.1	17.5	26.3

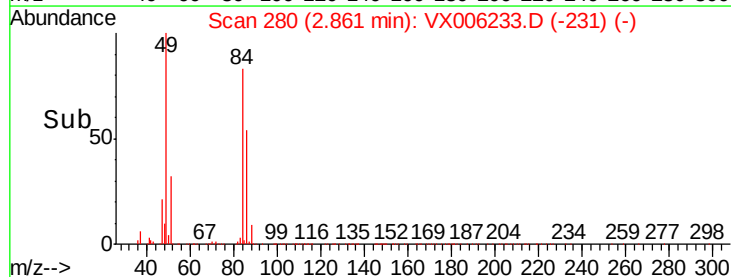
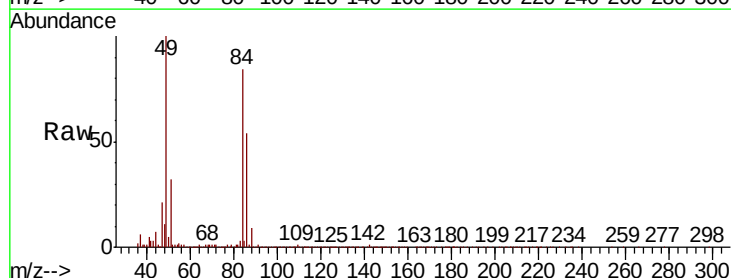
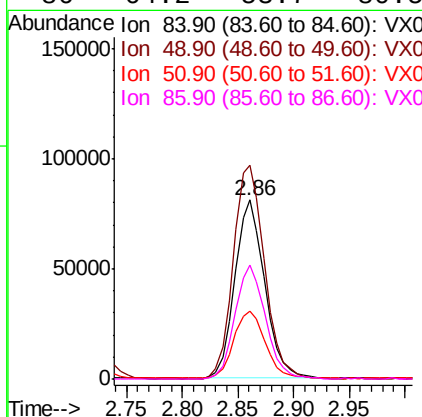
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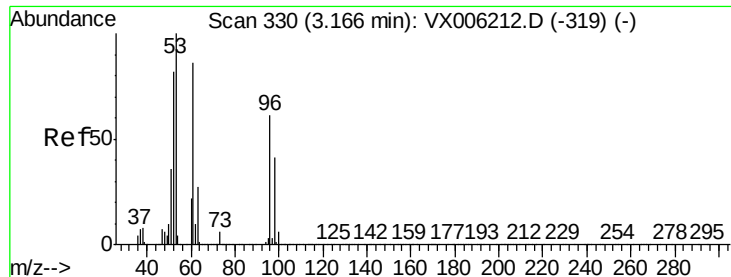
MMDadoda
12/3/2018 11:59:39 AM



#20
Methylene Chloride
Concen: 19.189 ug/l
RT: 2.86 min Scan# 280
Delta R.T. 0.00 min
Lab File: VX006233.D
Acq: 30 Nov 2018 16:29

Tgt Ion	Ratio	Lower	Upper
84	100		
49	119.7	102.2	153.4
51	38.0	31.1	46.7
86	64.2	53.7	80.5





#21

trans-1,2-Dichloroethene

Concen: 19.627 ug/l

RT: 3.17 min Scan# 330

Delta R.T. 0.00 min

Lab File: VX006233.D

Acq: 30 Nov 2018 16:29

Instrument :

MSVOA_X

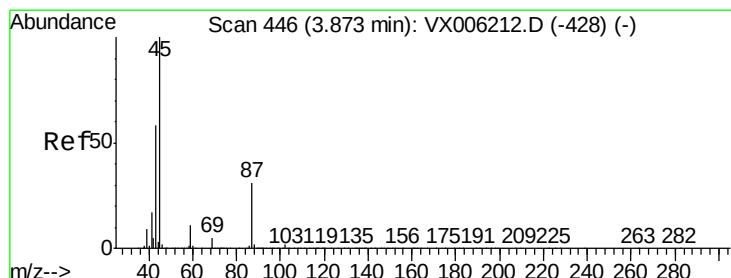
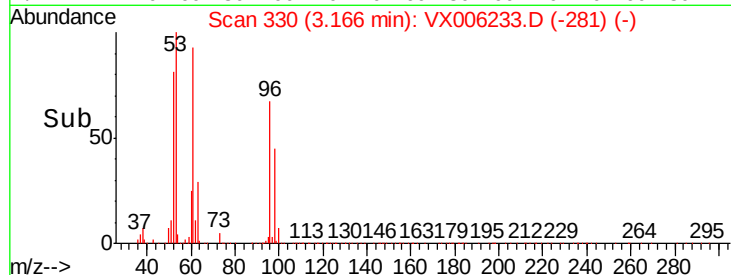
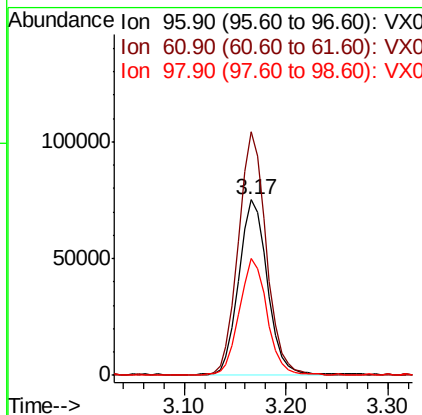
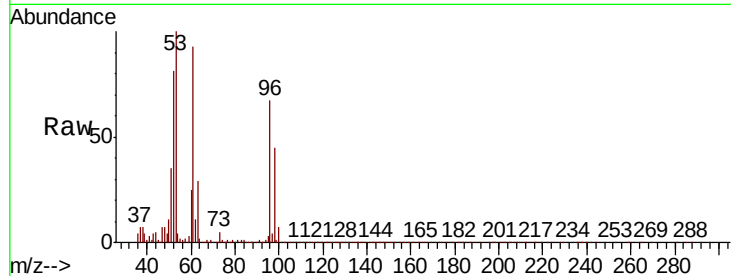
ClientSampleId :

VX1130WBSD01

Tot Ion:	96	Resp:	145371
Ion Ratio	Lower	Upper	
96	100		
61	139.4	113.3	169.9
98	66.4	53.2	79.8

Manual Integrations
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#22

Diisopropyl ether

Concen: 19.393 ug/l

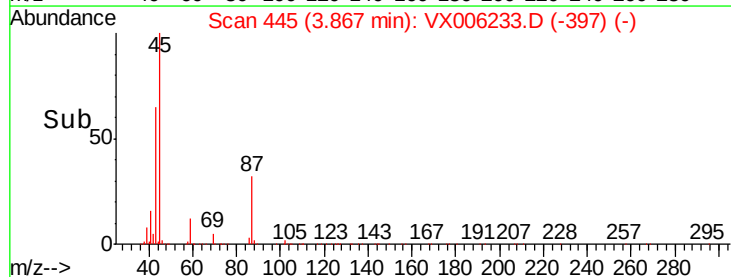
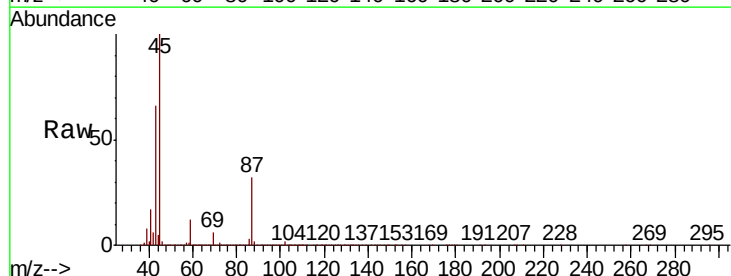
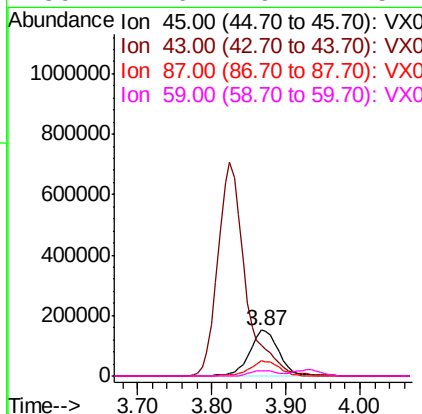
RT: 3.87 min Scan# 445

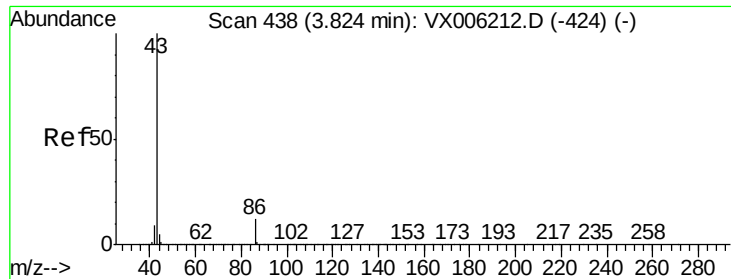
Delta R.T. -0.01 min

Lab File: VX006233.D

Acq: 30 Nov 2018 16:29

Tgt Ion:	45	Resp:	415864
Ion Ratio	Lower	Upper	
45	100		
43	65.6	46.2	69.2
87	32.2	24.9	37.3
59	11.6	9.1	13.7





#23

Vinyl Acetate

Concen: 99.614 ug/l

RT: 3.82 min Scan# 438

Delta R.T. -0.00 min

Lab File: VX006233.D

Acq: 30 Nov 2018 16:29

Instrument :

MSVOA_X

ClientSampleId :

VX1130WBSD01

Tot Ion: 43 Resp: 1821984

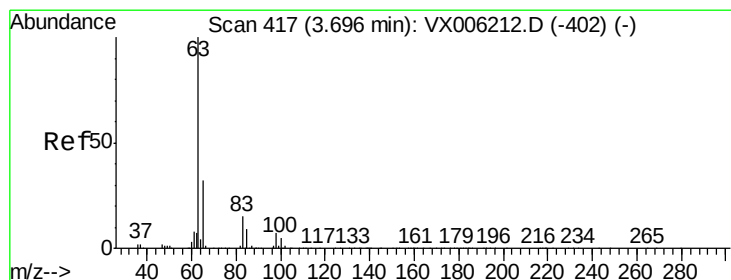
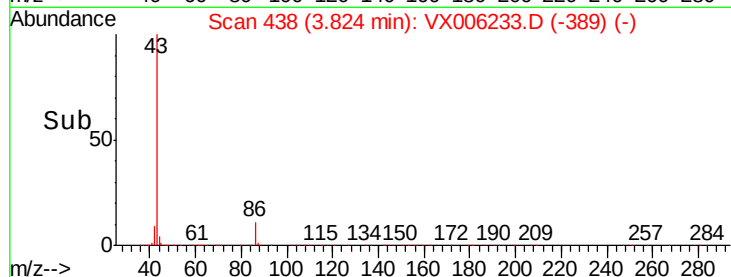
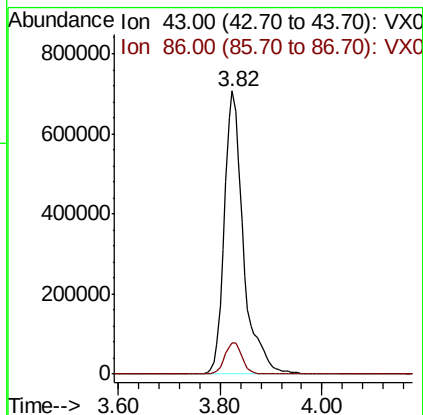
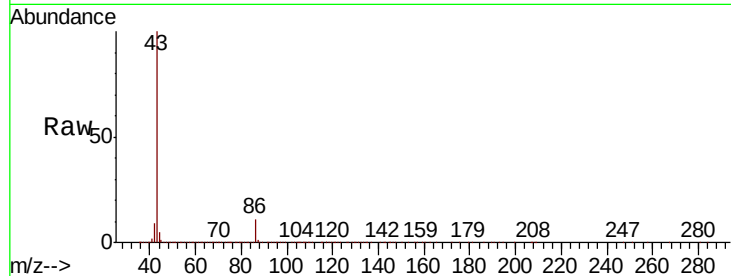
Ion Ratio Lower Upper

43 100

86 11.2 9.4 14.0

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#24

1,1-Dichloroethane

Concen: 19.253 ug/l

RT: 3.70 min Scan# 417

Delta R.T. 0.00 min

Lab File: VX006233.D

Acq: 30 Nov 2018 16:29

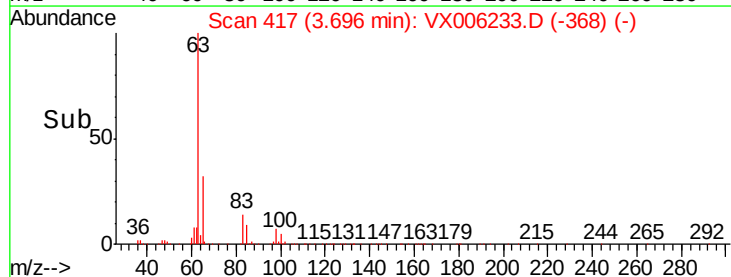
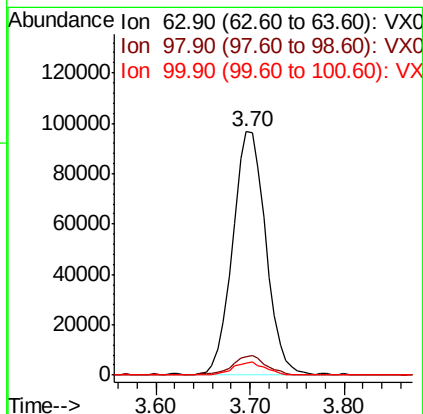
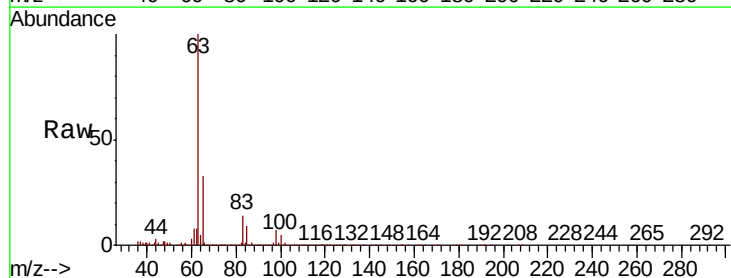
Tgt Ion: 63 Resp: 235989

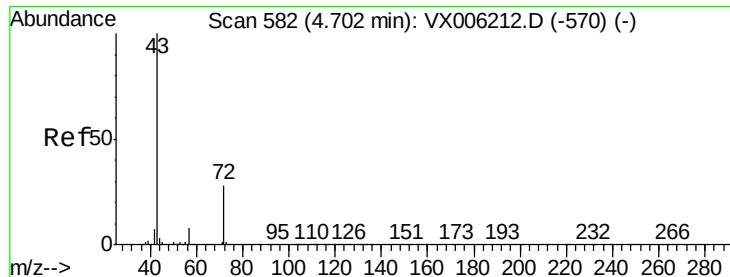
Ion Ratio Lower Upper

63 100

98 7.3 3.8 11.4

100 4.6 2.5 7.4





#25

2-Butanone

Concen: 99.329 ug/l

RT: 4.70 min Scan# 581

Delta R.T. -0.01 min

Lab File: VX006233.D

Acq: 30 Nov 2018 16:29

Tot Ion: 43 Resp: 521516

Ion Ratio Lower Upper

43 100

72 28.3 22.6 33.8

Instrument :

MSVOA_X

ClientSampleId :

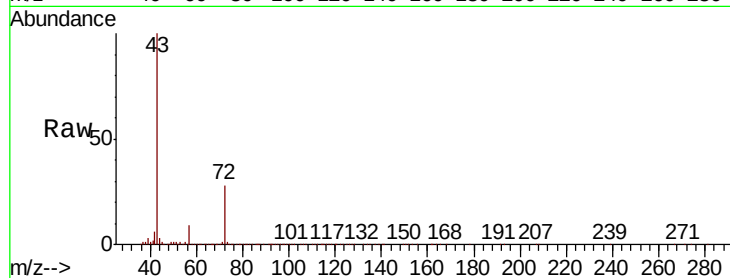
VX1130WBSD01

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

200000

150000

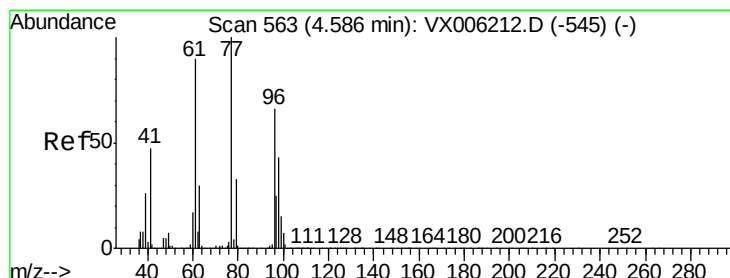
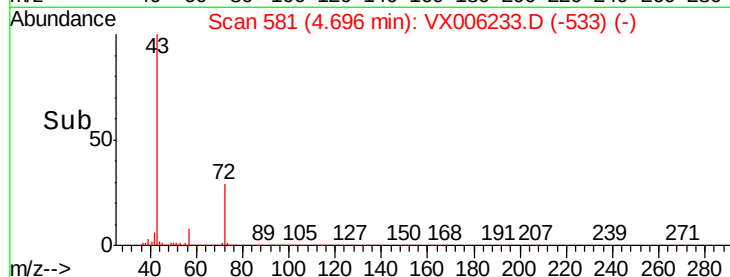
100000

50000

0

4.60 4.70 4.80

Time-->



#26

2,2-Dichloropropane

Concen: 18.484 ug/l

RT: 4.59 min Scan# 563

Delta R.T. 0.00 min

Lab File: VX006233.D

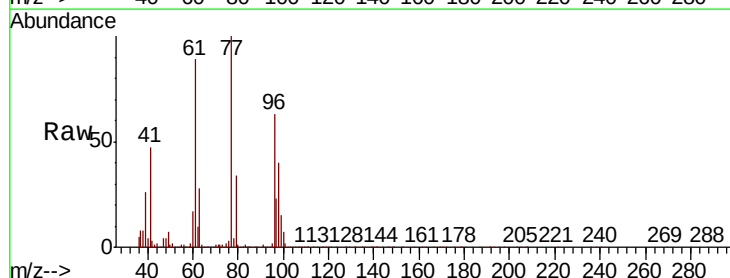
Acq: 30 Nov 2018 16:29

Tgt Ion: 77 Resp: 209086

Ion Ratio Lower Upper

77 100

97 24.8 12.3 36.8



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

80000

60000

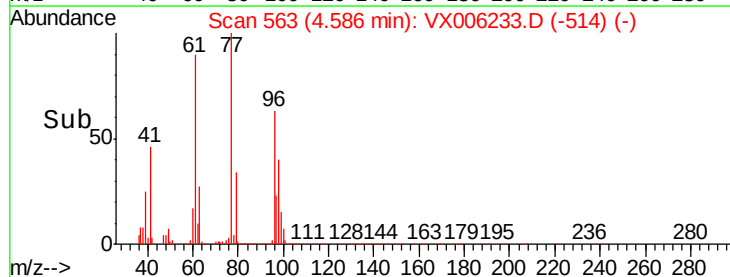
40000

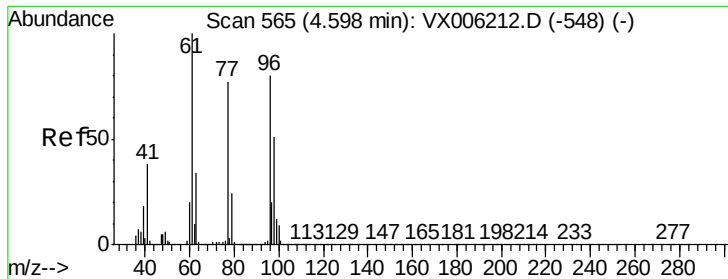
20000

0

4.50 4.60 4.70

Time-->





#27

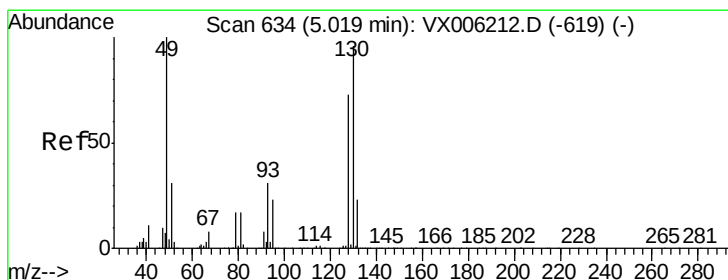
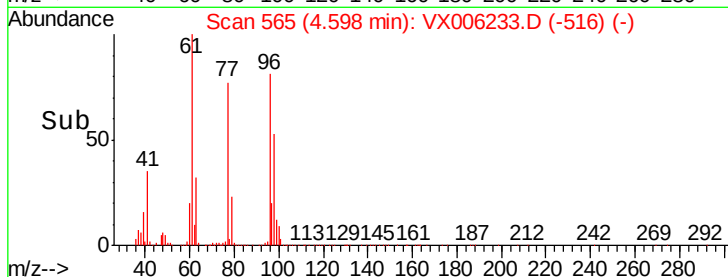
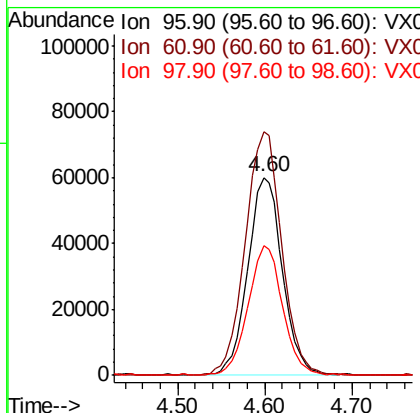
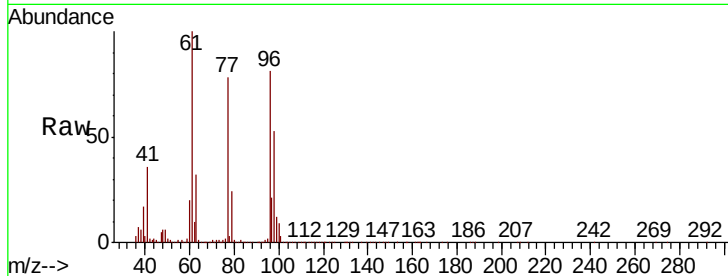
cis-1,2-Dichloroethene
Concen: 20.073 ug/l
RT: 4.60 min Scan# 565
Delta R.T. -0.00 min
Lab File: VX006233.D
Acq: 30 Nov 2018 16:29

Instrument :
MSVOA_X
ClientSampleId :
VX1130WBSD01

Tot Ion	Ratio	Lower	Upper
96	100		
61	128.5	0.0	265.0
98	65.0	0.0	130.2

Manual Integrations
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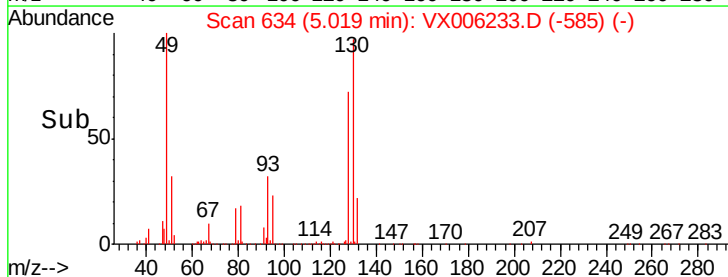
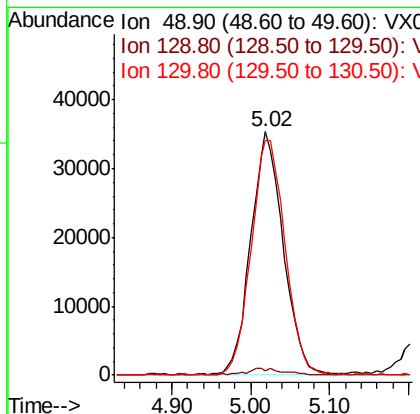
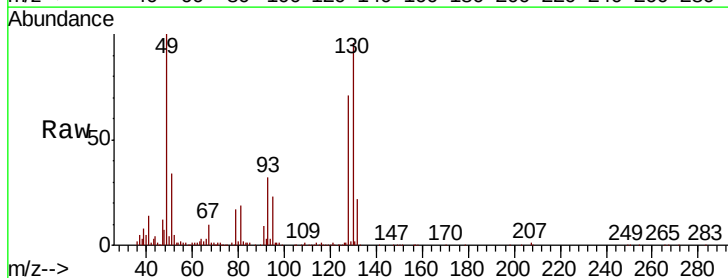
MMDadoda
12/3/2018 11:59:39 AM

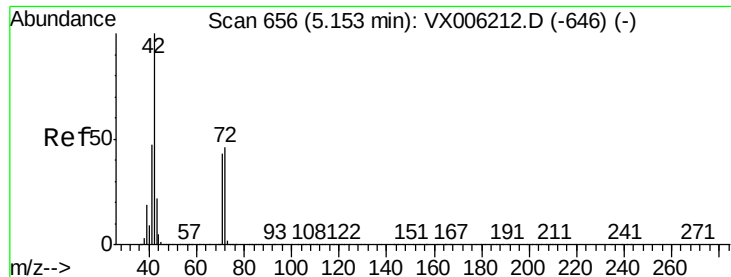


#28

Bromochloromethane
Concen: 18.740 ug/l
RT: 5.02 min Scan# 634
Delta R.T. 0.00 min
Lab File: VX006233.D
Acq: 30 Nov 2018 16:29

Tgt Ion	Ratio	Lower	Upper
49	100		
129	1.4	0.0	5.0
130	101.8	78.3	117.5





#29

Tetrahydrofuran

Concen: 96.858 ug/l

RT: 5.15 min Scan# 656

Delta R.T. 0.00 min

Lab File: VX006233.D

Acq: 30 Nov 2018 16:29

Instrument :

MSVOA_X

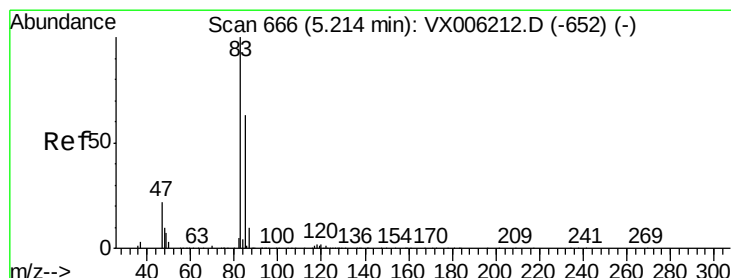
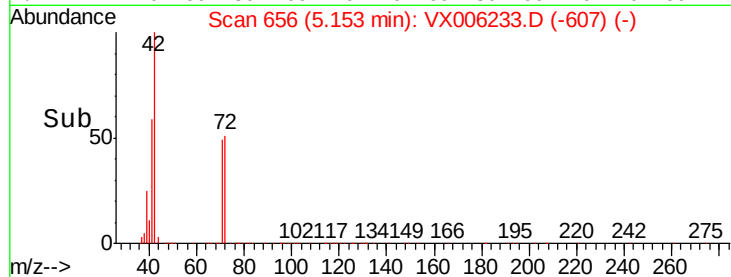
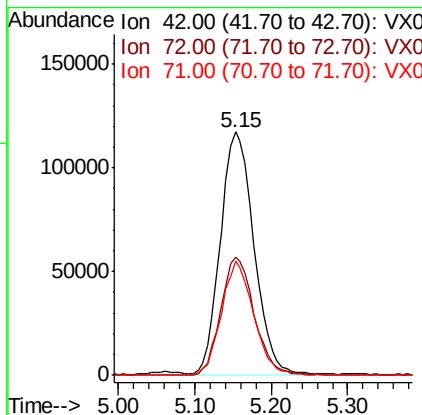
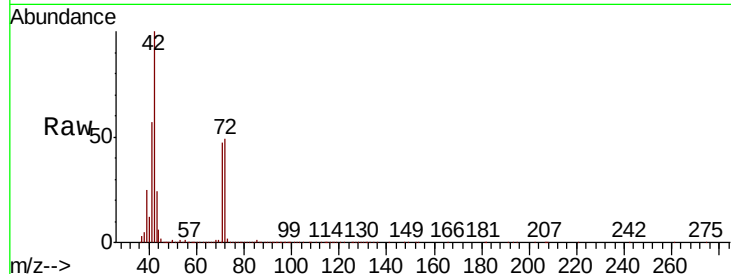
ClientSampleId :

VX1130WBSD01

Tot Ion:	42	Resp:	353438
Ion Ratio		Lower	Upper
42	100		
72	48.8	37.8	56.8
71	44.7	35.2	52.8

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#30

Chloroform

Concen: 19.736 ug/l

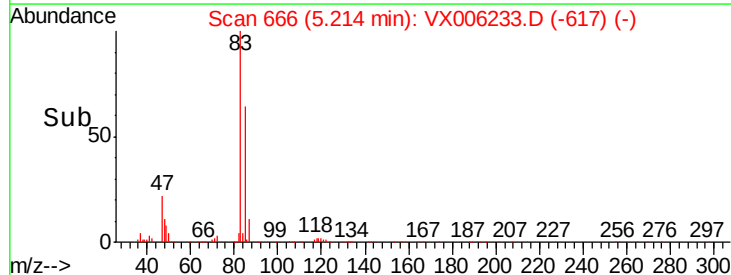
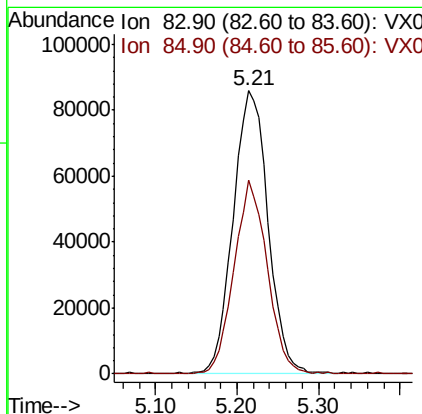
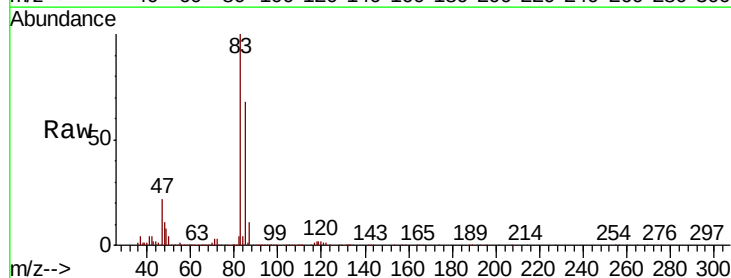
RT: 5.21 min Scan# 666

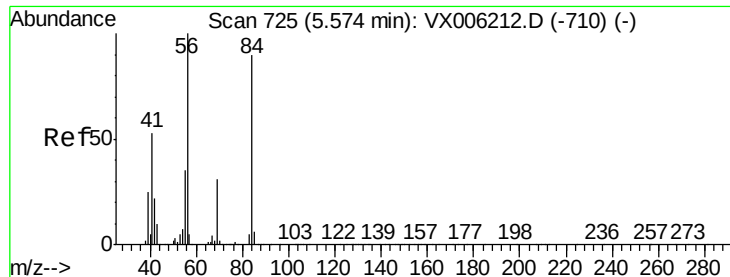
Delta R.T. 0.00 min

Lab File: VX006233.D

Acq: 30 Nov 2018 16:29

Tgt Ion:	83	Resp:	254217
Ion Ratio		Lower	Upper
83	100		
85	68.5	50.3	75.5





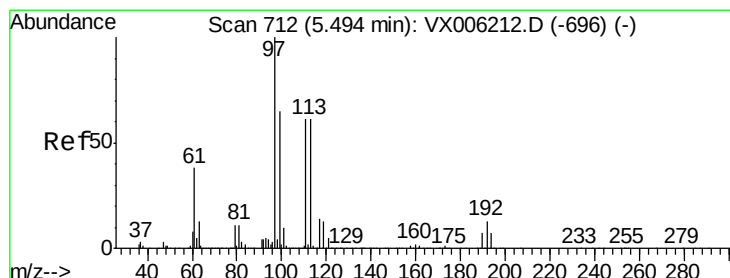
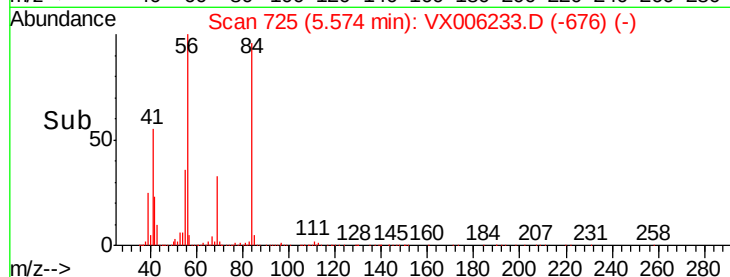
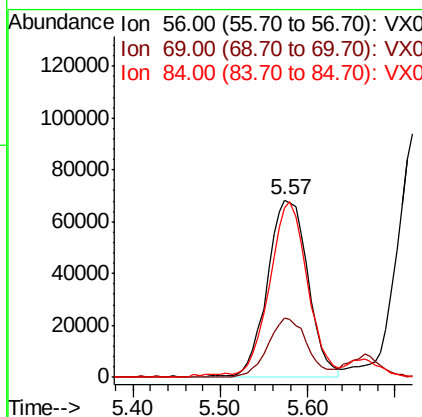
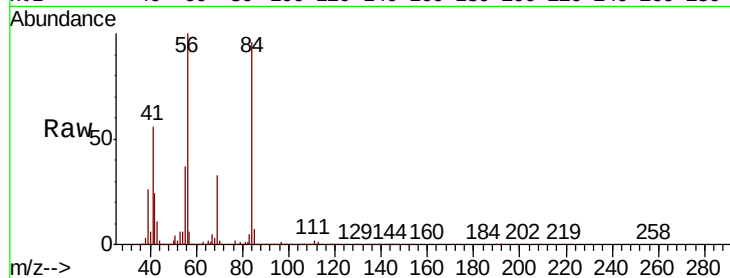
#31
Cyclohexane
Concen: 19.374 ug/l
RT: 5.57 min Scan# 725
Delta R.T. -0.00 min
Lab File: VX006233.D
Acq: 30 Nov 2018 16:29

Instrument :
MSVOA_X
ClientSampleId :
VX1130WBSD01

Tot Ion	Ratio	Lower	Upper
56	100		
69	32.7	24.5	36.7
84	95.3	71.8	107.6

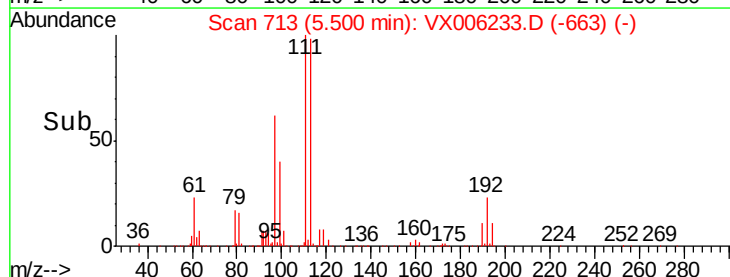
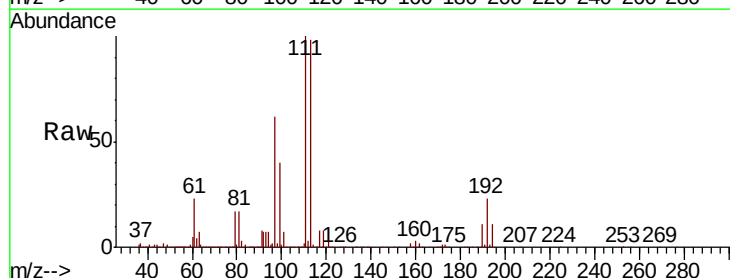
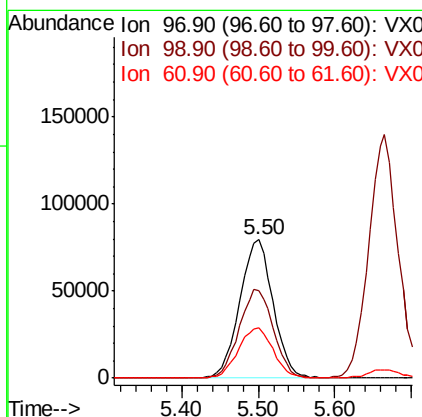
Manual Integrations
APPROVED

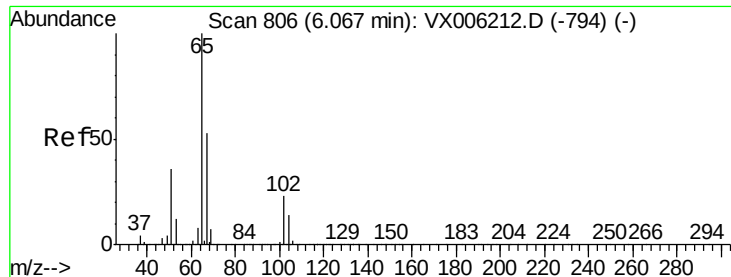
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#32
1,1,1-Trichloroethane
Concen: 19.534 ug/l
RT: 5.50 min Scan# 713
Delta R.T. 0.01 min
Lab File: VX006233.D
Acq: 30 Nov 2018 16:29

Tgt Ion	Ratio	Lower	Upper
97	100		
99	65.9	51.6	77.4
61	38.0	30.6	46.0





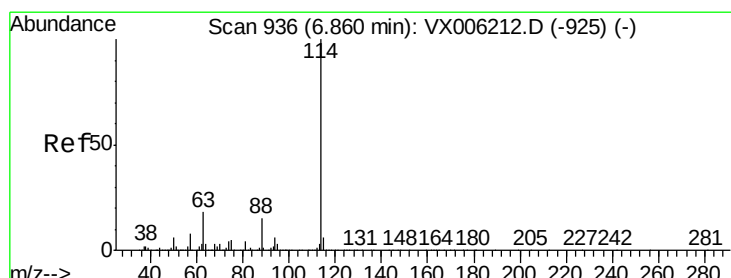
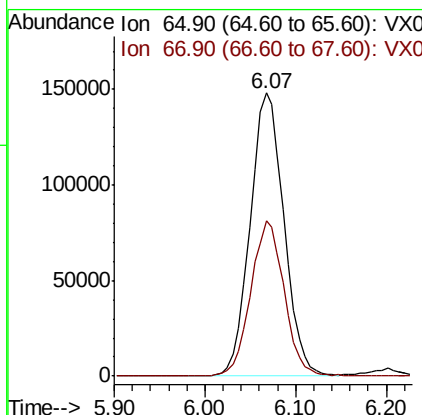
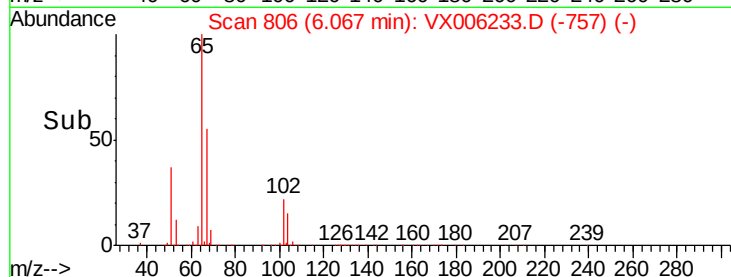
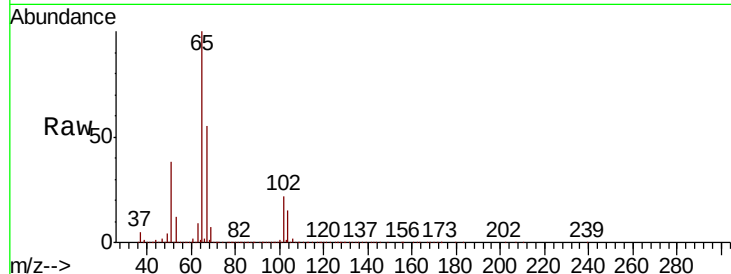
#33
 1,2-Dichloroethane-d4
 Concen: 48.766 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. 0.00 min
 Lab File: VX006233.D
 Acq: 30 Nov 2018 16:29

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1130WBSD01

Tot Ion	Ratio	Lower	Upper
65	100		
67	53.6	0.0	107.2

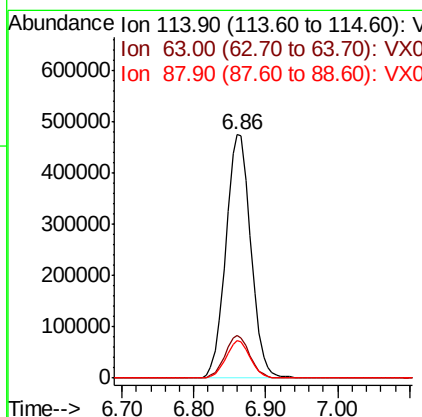
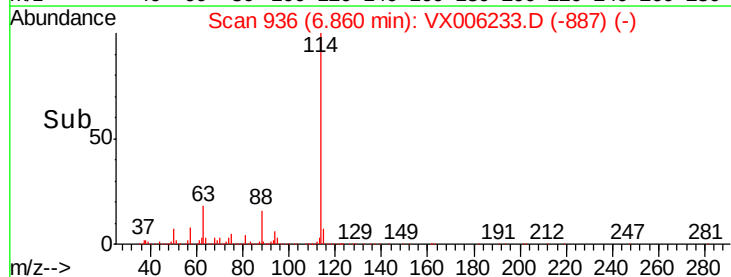
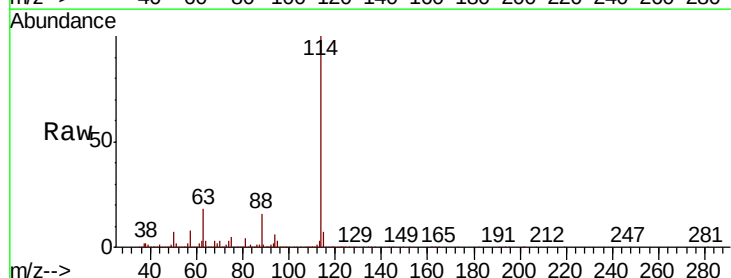
Manual Integrations
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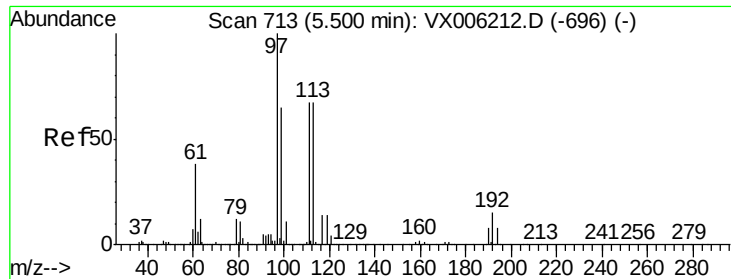
MMDadoda
 12/3/2018 11:59:39 AM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX006233.D
 Acq: 30 Nov 2018 16:29

Tgt Ion	Ratio	Lower	Upper
114	100		
63	17.5	0.0	36.6
88	15.6	0.0	29.0





#35

Dibromofluoromethane

Concen: 48.653 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.00 min

Lab File: VX006233.D

Acq: 30 Nov 2018 16:29

Instrument :

MSVOA_X

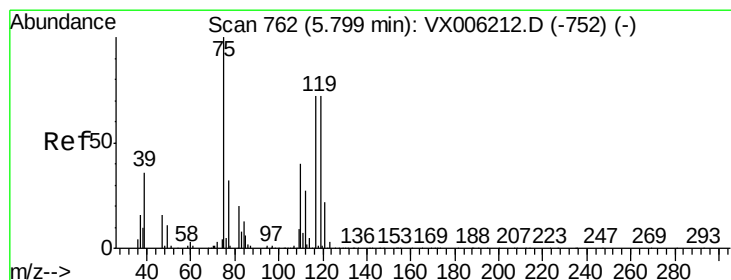
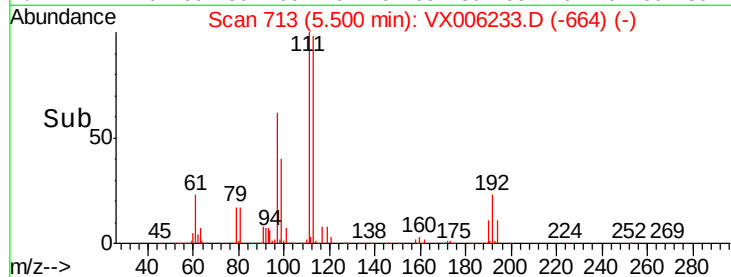
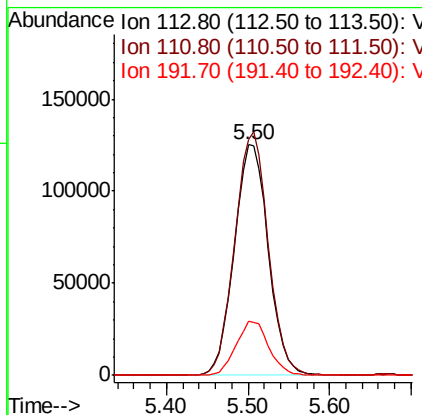
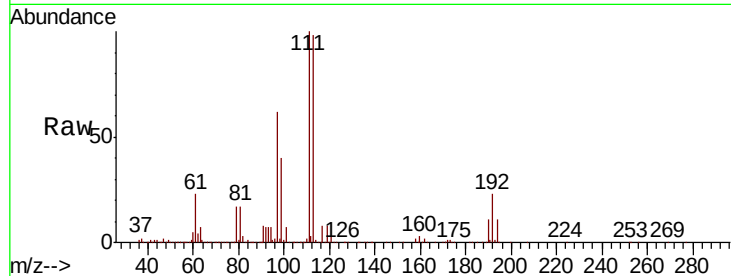
ClientSampled :

VX1130WBSD01

Tot Ion:	113	Resp:	361872
Ion Ratio	Lower	Upper	
113	100		
111	103.8	81.1	121.7
192	22.6	18.2	27.2

Manual Integrations
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12/3/2018 11:59:39 AM



#36

1,1-Dichloropropene

Concen: 19.244 ug/l

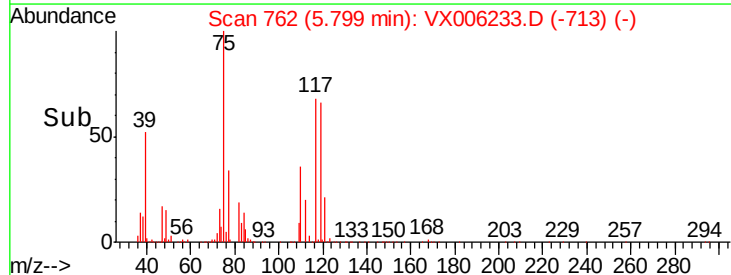
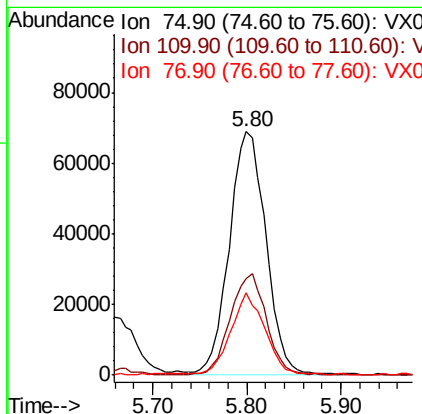
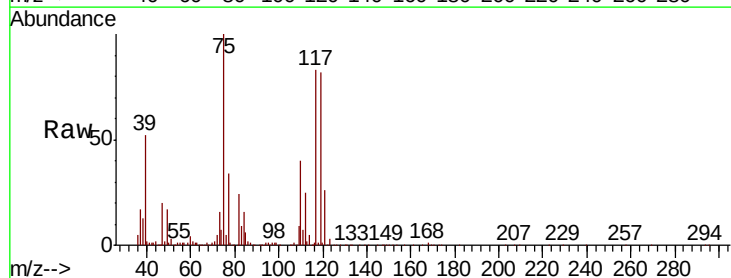
RT: 5.80 min Scan# 762

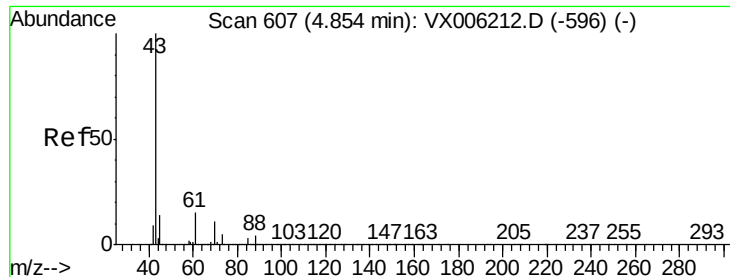
Delta R.T. 0.00 min

Lab File: VX006233.D

Acq: 30 Nov 2018 16:29

Tgt Ion:	75	Resp:	186159
Ion Ratio	Lower	Upper	
75	100		
110	41.2	20.4	61.3
77	31.1	24.9	37.3





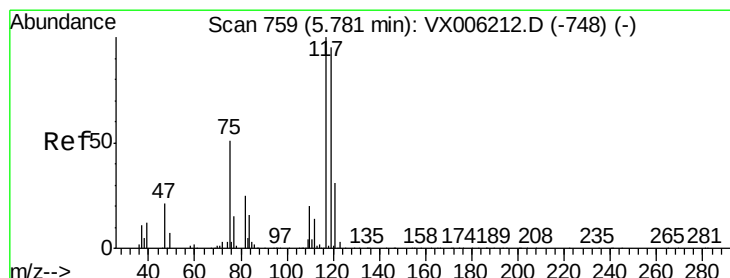
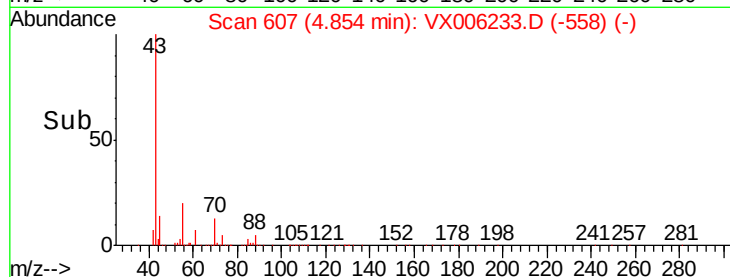
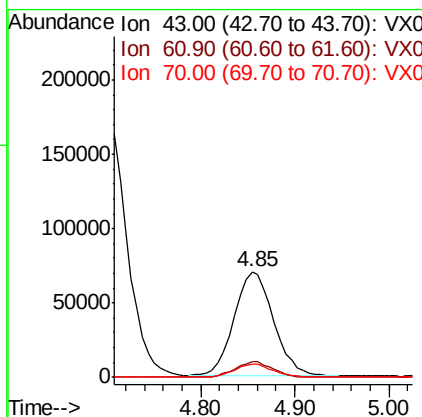
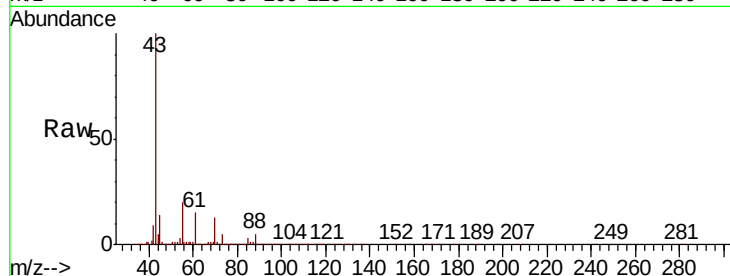
#37
Ethyl Acetate
Concen: 18.954 ug/l
RT: 4.85 min Scan# 607
Delta R.T. -0.00 min
Lab File: VX006233.D
Acq: 30 Nov 2018 16:29

Instrument :
MSVOA_X
ClientSampleId :
VX1130WBSD01

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.7	11.5	17.3
70	11.9	9.0	13.6

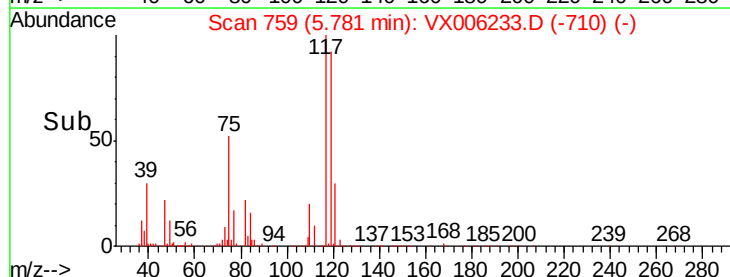
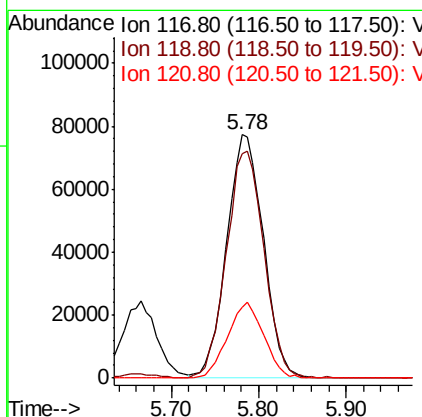
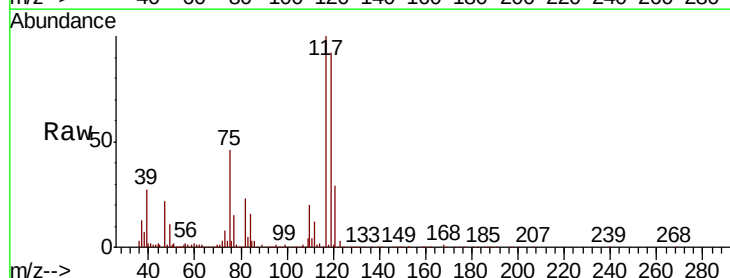
Manual Integrations
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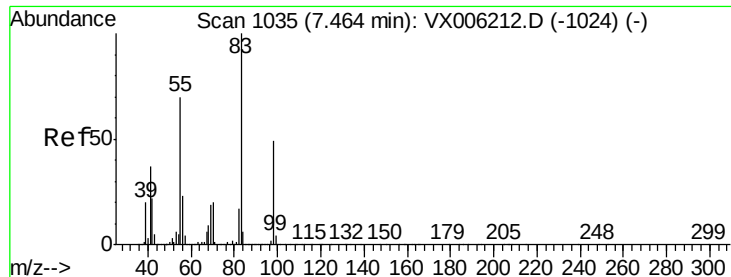
MMDadoda
12/3/2018 11:59:39 AM



#38
Carbon Tetrachloride
Concen: 19.750 ug/l
RT: 5.78 min Scan# 759
Delta R.T. 0.00 min
Lab File: VX006233.D
Acq: 30 Nov 2018 16:29

Tgt Ion	Ratio	Lower	Upper
117	100		
119	92.2	75.8	113.8
121	28.9	24.6	37.0





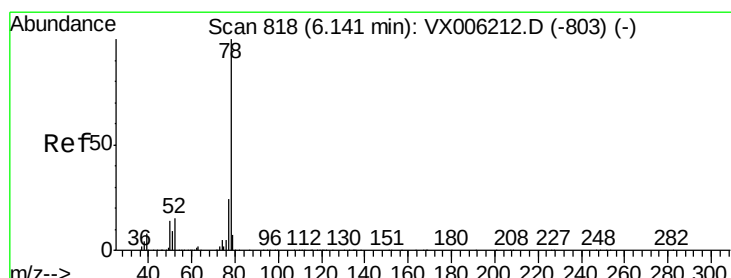
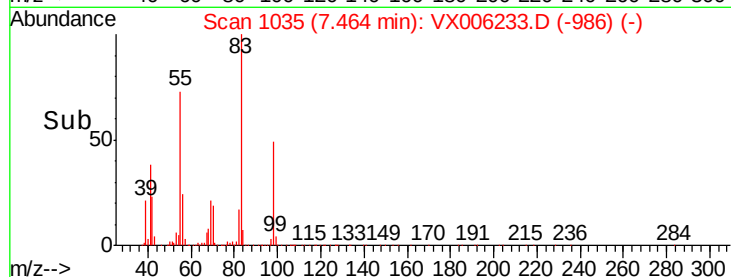
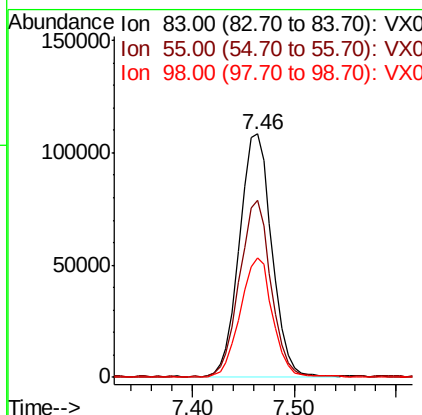
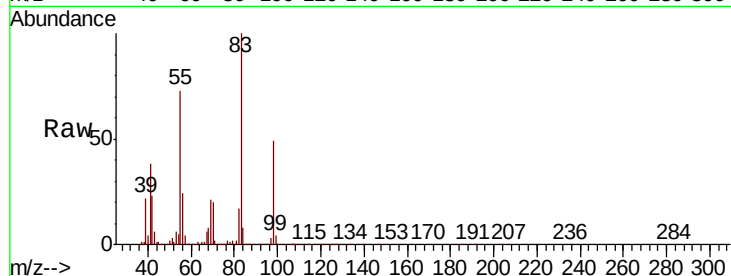
#39
Methylvlcyclohexane
Concen: 19.020 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. 0.00 min
Lab File: VX006233.D
Acq: 30 Nov 2018 16:29

Instrument :
MSVOA_X
ClientSampleId :
VX1130WBSD01

Tot Ion	Ratio	Lower	Upper
83	100		
55	72.6	56.4	84.6
98	49.3	39.0	58.6

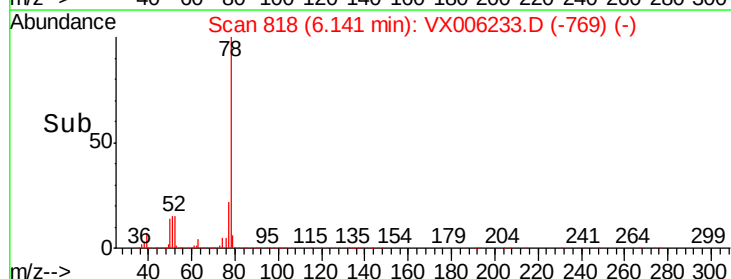
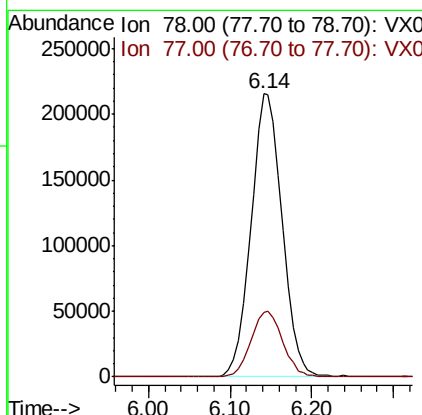
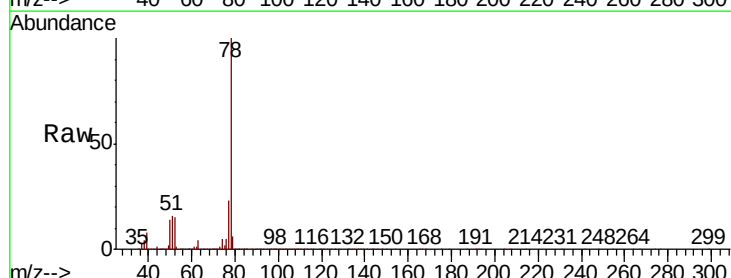
Manual Integrations
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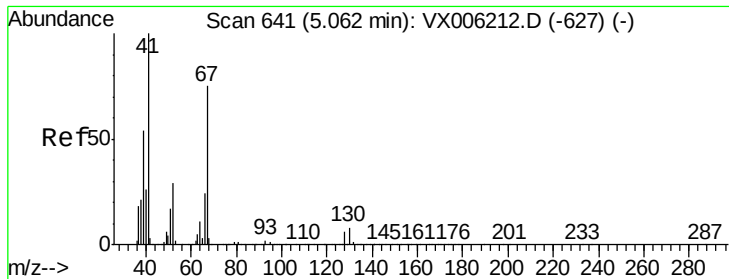
MMDadoda
12/3/2018 11:59:39 AM



#40
Benzene
Concen: 19.765 ug/l
RT: 6.14 min Scan# 818
Delta R.T. 0.00 min
Lab File: VX006233.D
Acq: 30 Nov 2018 16:29

Tgt Ion	Ratio	Lower	Upper
78	100		
77	22.7	19.2	28.8





#41

Methacrylonitrile

Concen: 18.841 ug/l

RT: 5.06 min Scan# 640

Delta R.T. -0.01 min

Lab File: VX006233.D

Acq: 30 Nov 2018 16:29

Instrument :

MSVOA_X

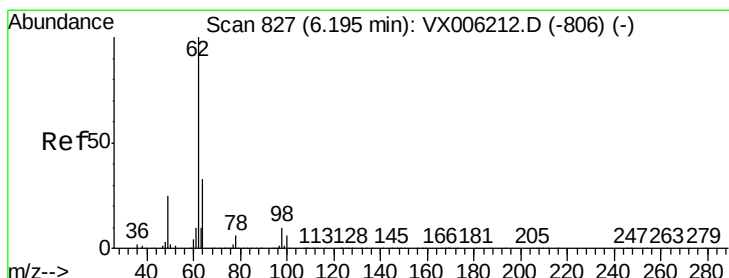
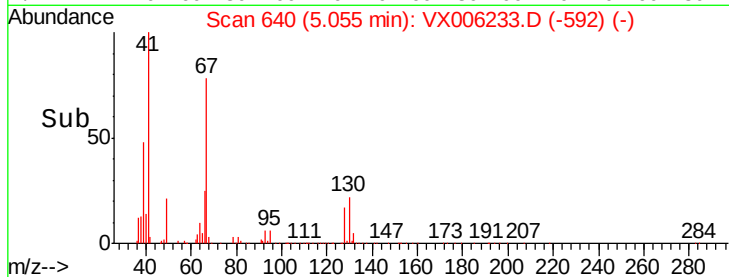
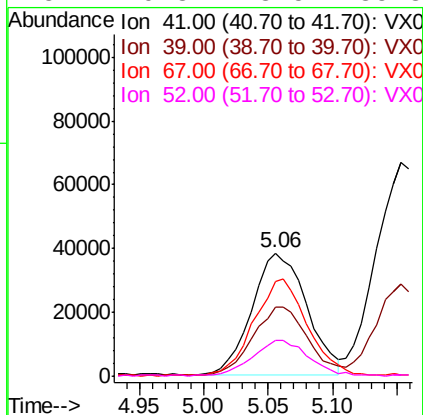
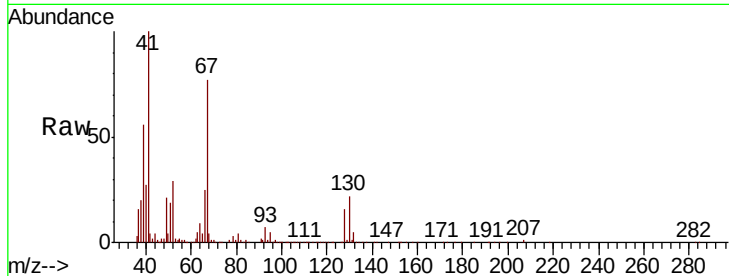
ClientSampleId :

VX1130WBSD01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
41	100		112316		
39	56.7	44.0	66.0		
67	77.7	61.4	92.0		
52	29.8	23.5	35.3		

Manual Integrations
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MMDadoda
12/3/2018 11:59:39 AM



#42

1,2-Dichloroethane

Concen: 19.928 ug/l

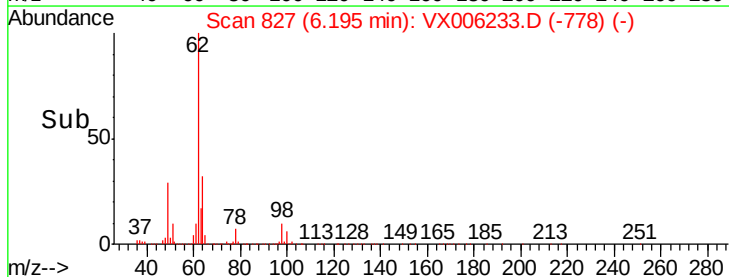
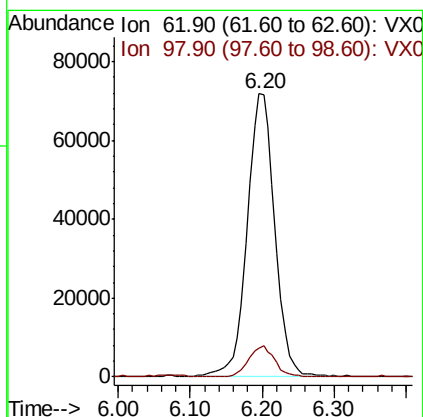
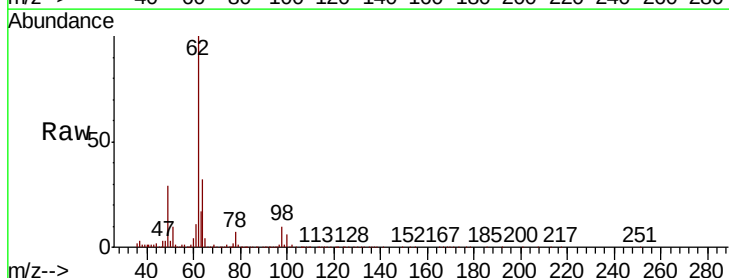
RT: 6.20 min Scan# 827

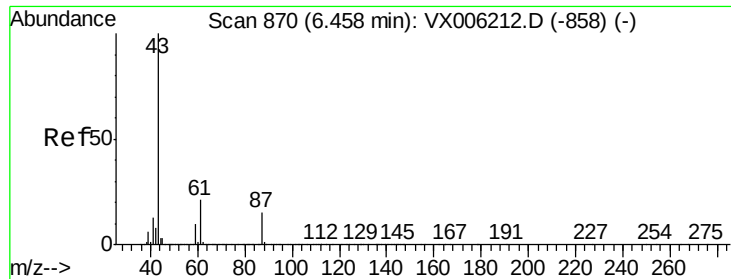
Delta R.T. 0.00 min

Lab File: VX006233.D

Acq: 30 Nov 2018 16:29

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
62	100		188969		
98	10.6	0.0	20.2		





#43

Isopropyl Acetate

Concen: 19.037 ug/l

RT: 6.46 min Scan# 870

Delta R.T. 0.00 min

Lab File: VX006233.D

Acq: 30 Nov 2018 16:29

Instrument :

MSVOA_X

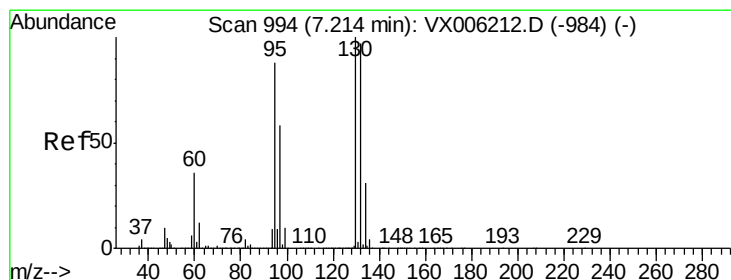
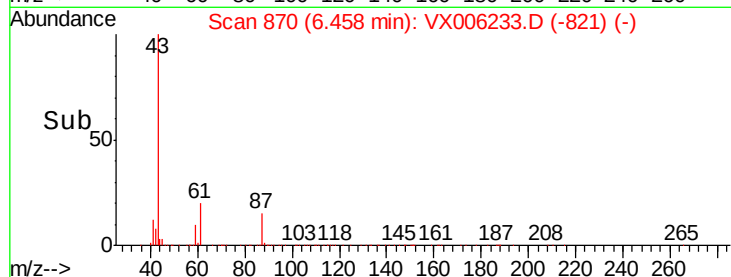
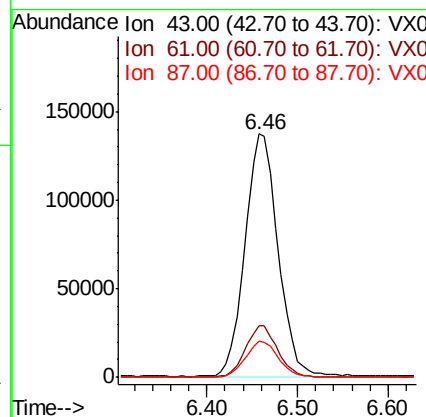
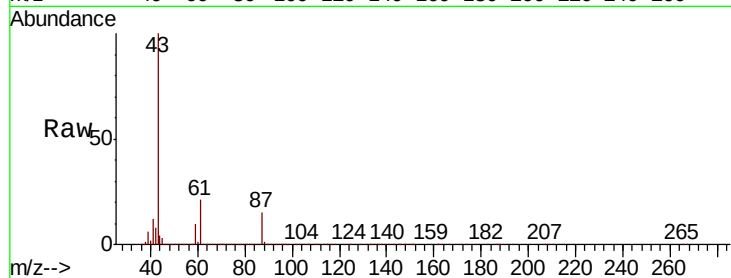
ClientSampled :

VX1130WBSD01

Tot Ion:	43	Resp:	343858
Ion	Ratio	Lower	Upper
43	100		
61	20.9	16.8	25.2
87	15.0	11.9	17.9

Manual Integrations
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12/3/2018 11:59:39 AM



#44

Trichloroethene

Concen: 19.288 ug/l

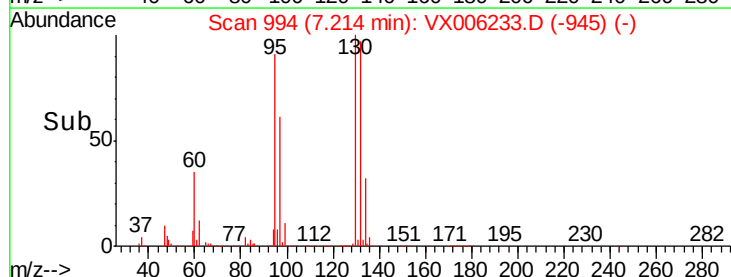
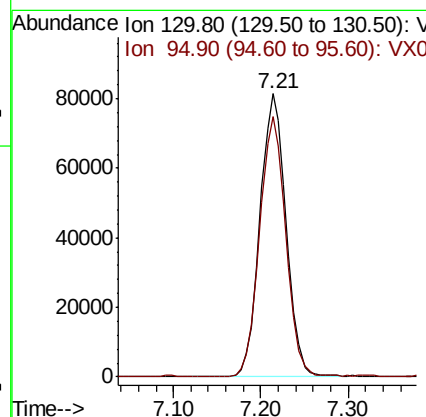
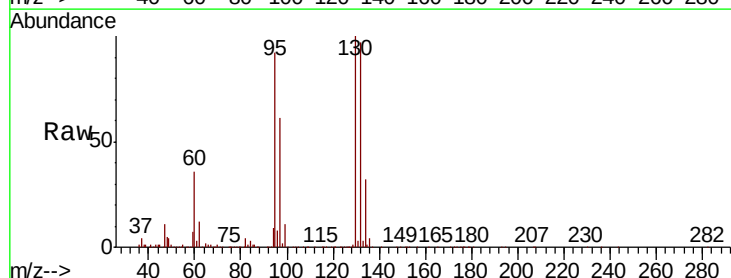
RT: 7.21 min Scan# 994

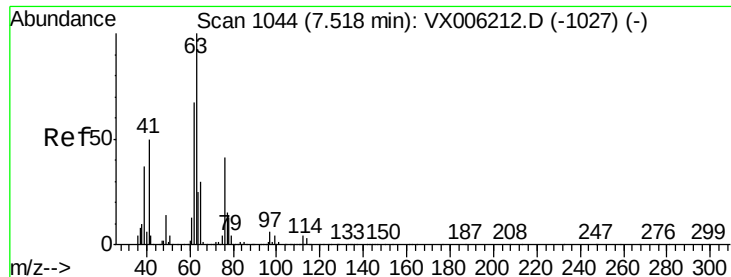
Delta R.T. -0.00 min

Lab File: VX006233.D

Acq: 30 Nov 2018 16:29

Tgt Ion:	130	Resp:	169301
Ion	Ratio	Lower	Upper
130	100		
95	91.5	0.0	175.8





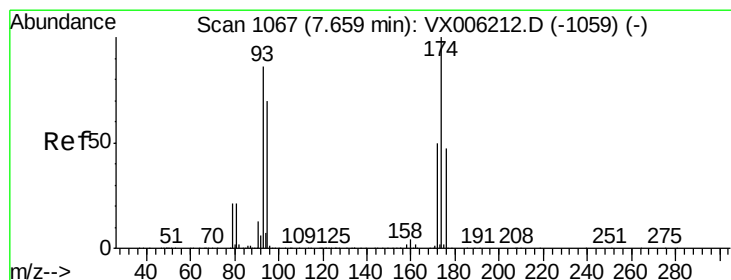
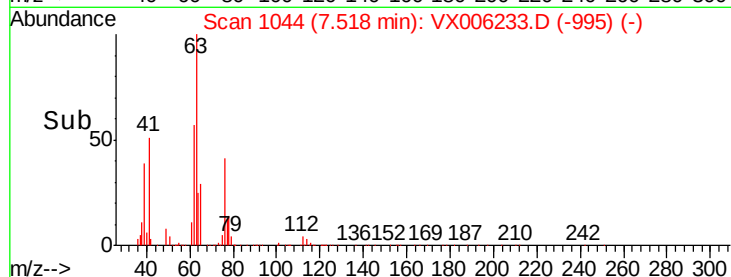
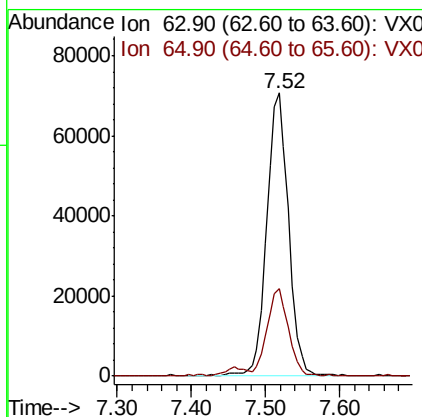
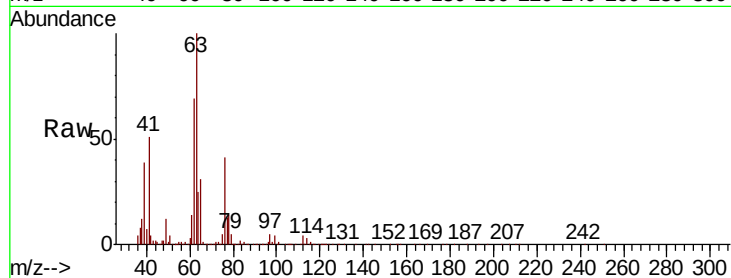
#45
 1,2-Dichloropropane
 Concen: 19.606 ug/l
 RT: 7.52 min Scan# 1044
 Delta R.T. 0.00 min
 Lab File: VX006233.D
 Acq: 30 Nov 2018 16:29

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1130WBSD01

Tot Ion	Ratio	Lower	Upper
63	100		
65	30.5	24.3	36.5

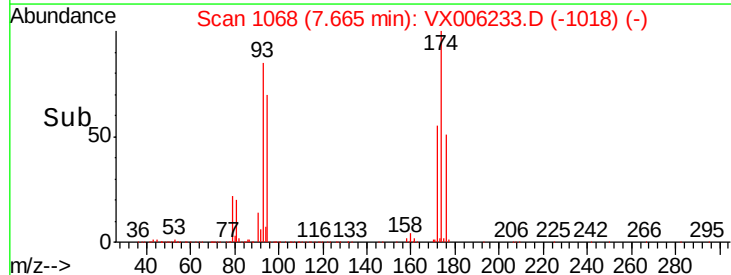
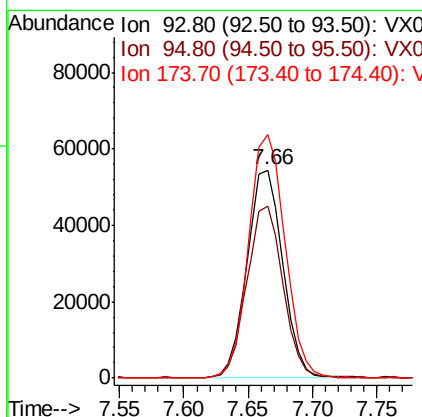
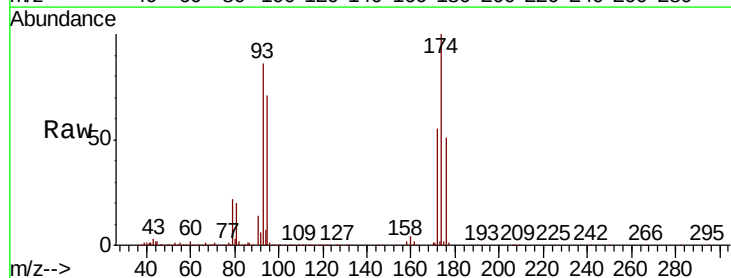
Manual Integrations
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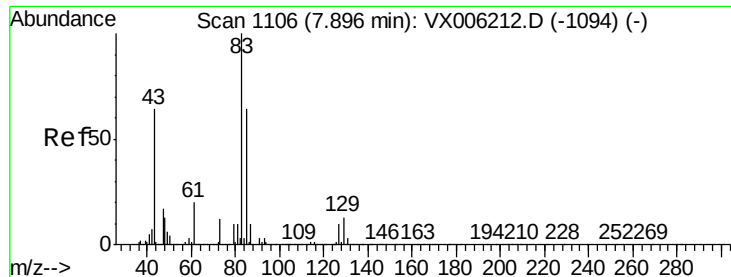
MMDadoda
 12/3/2018 11:59:39 AM



#46
 Dibromomethane
 Concen: 19.591 ug/l
 RT: 7.66 min Scan# 1068
 Delta R.T. 0.01 min
 Lab File: VX006233.D
 Acq: 30 Nov 2018 16:29

Tgt Ion	Ratio	Lower	Upper
93	100		
95	82.8	66.2	99.4
174	119.9	97.2	145.8





#47

Bromodichloromethane

Concen: 19.691 ug/l

RT: 7.90 min Scan# 1107

Delta R.T. 0.01 min

Lab File: VX006233.D

Acq: 30 Nov 2018 16:29

Instrument :

MSVOA_X

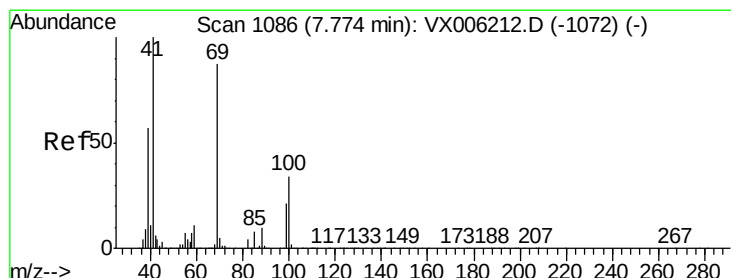
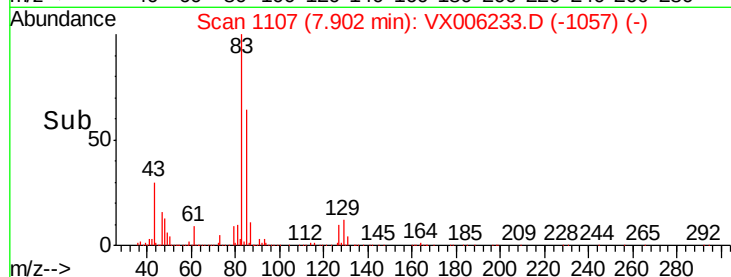
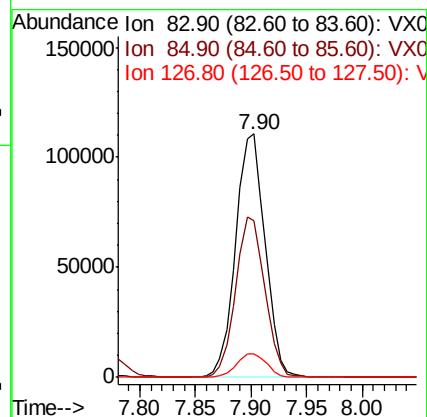
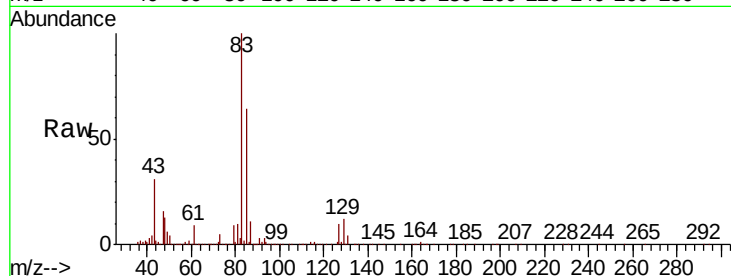
ClientSampleId :

VX1130WBSD01

Tot Ion:	83	Resp:	202795
Ion	Ratio	Lower	Upper
83	100		
85	64.3	51.4	77.0
127	9.8	7.9	11.9

Manual Integrations
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#48

Methyl methacrylate

Concen: 19.117 ug/l

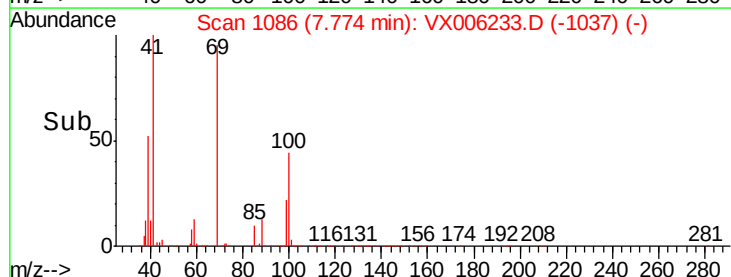
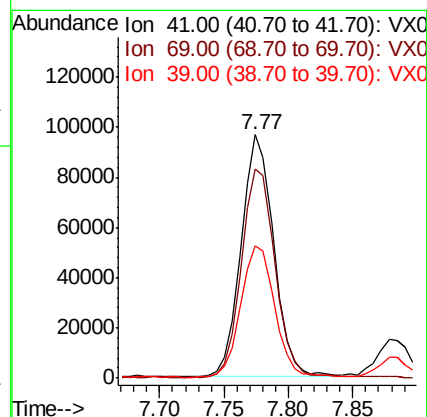
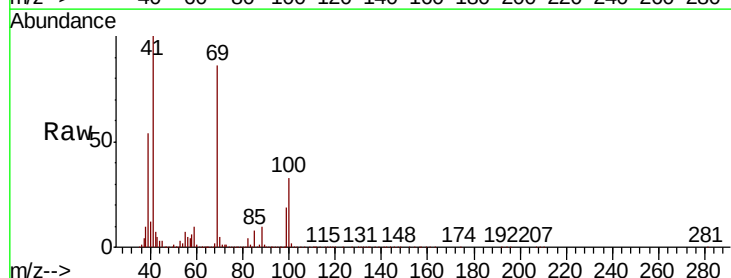
RT: 7.77 min Scan# 1086

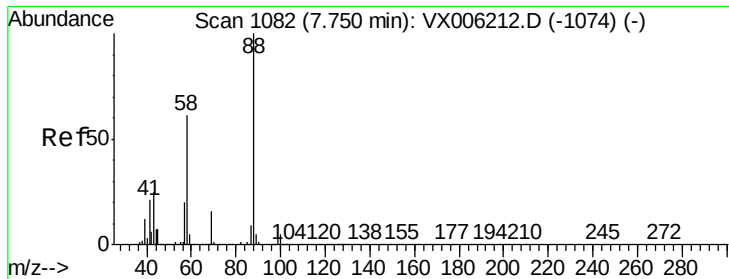
Delta R.T. 0.00 min

Lab File: VX006233.D

Acq: 30 Nov 2018 16:29

Tgt Ion:	41	Resp:	167981
Ion	Ratio	Lower	Upper
41	100		
69	89.6	70.3	105.5
39	57.1	45.3	67.9





#49

1,4-Dioxane

Concen: 391.646 ug/l

RT: 7.75 min Scan# 1082

Delta R.T. 0.00 min

Lab File: VX006233.D

Acq: 30 Nov 2018 16:29

Instrument :

MSVOA_X

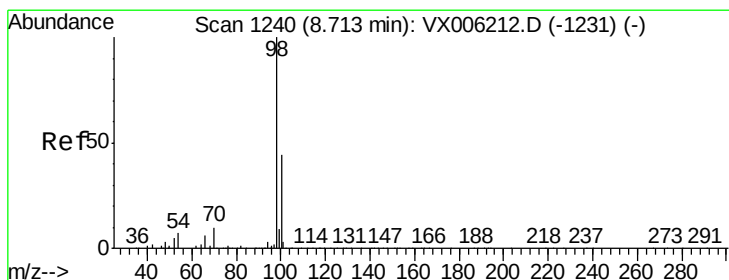
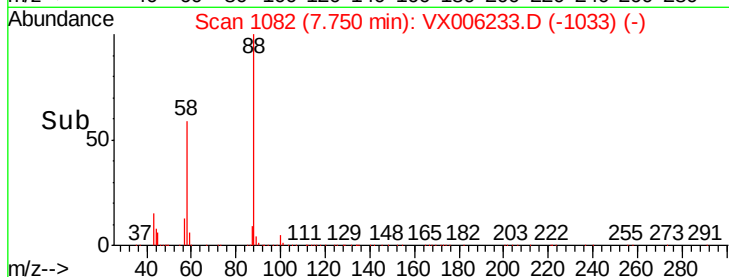
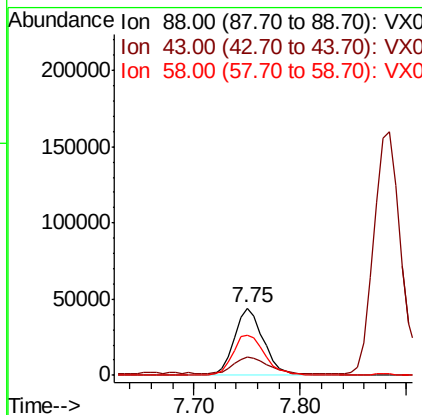
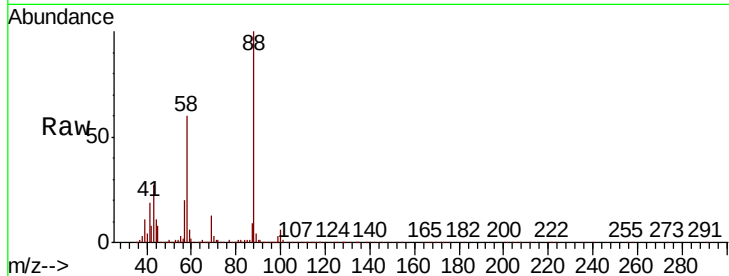
ClientSampleId :

VX1130WBSD01

Tot Ion:	88	Resp:	84820
Ion	Ratio	Lower	Upper
88	100		
43	30.1	23.2	34.8
58	64.3	51.4	77.0

Manual Integrations
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#50

Toluene-d8

Concen: 49.195 ug/l

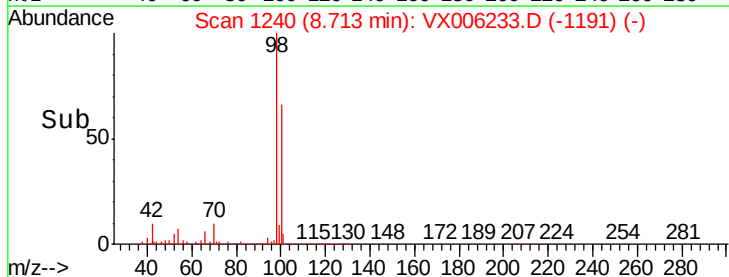
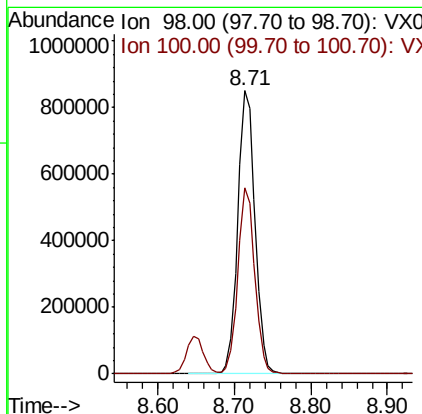
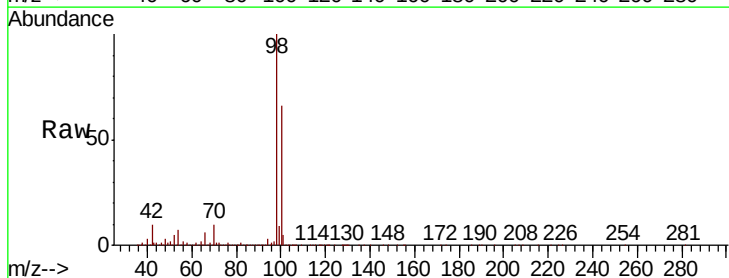
RT: 8.71 min Scan# 1240

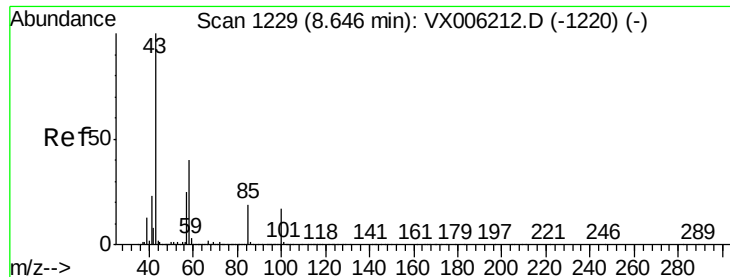
Delta R.T. 0.00 min

Lab File: VX006233.D

Acq: 30 Nov 2018 16:29

Tgt Ion:	98	Resp:	1330945
Ion	Ratio	Lower	Upper
98	100		
100	64.4	52.2	78.2





#51

4-Methyl-2-Pentanone

Concen: 98.476 ug/l

RT: 8.65 min Scan# 1229

Delta R.T. -0.00 min

Lab File: VX006233.D

Acq: 30 Nov 2018 16:29

Instrument :

MSVOA_X

ClientSampleId :

VX1130WBSD01

Tot Ion: 43 Resp: 1035477

Ion Ratio Lower Upper

43 100

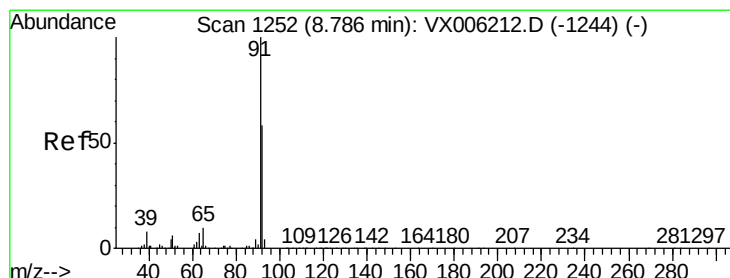
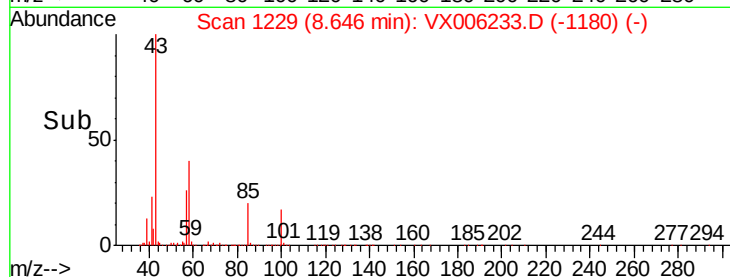
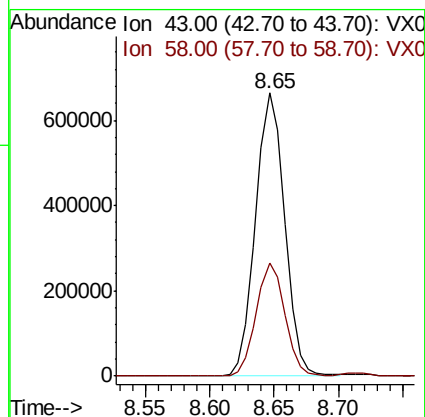
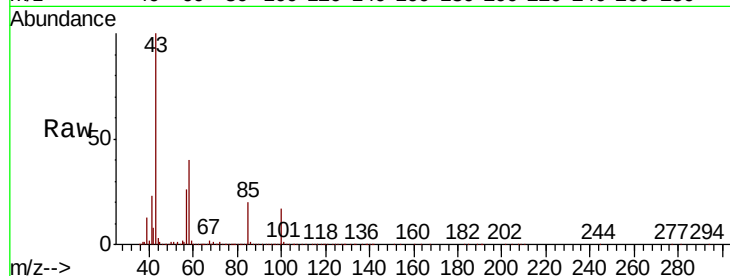
58 39.3 31.3 46.9

Manual Integrations

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12/3/2018 11:59:39 AM



#52

Toluene

Concen: 19.644 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. 0.00 min

Lab File: VX006233.D

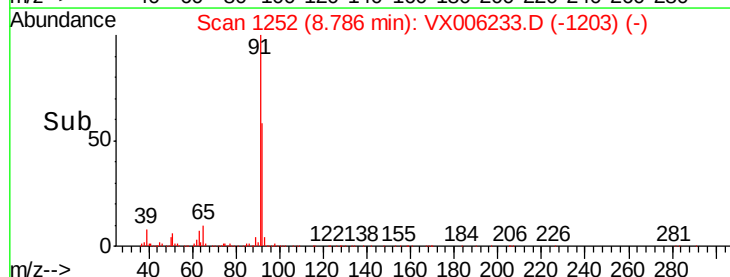
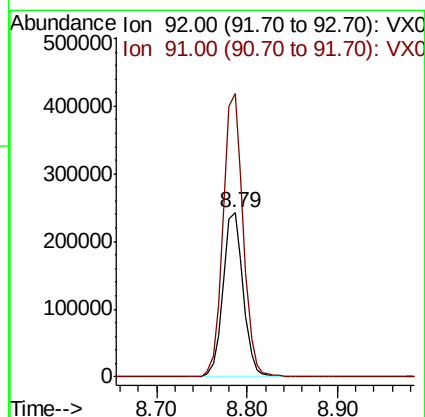
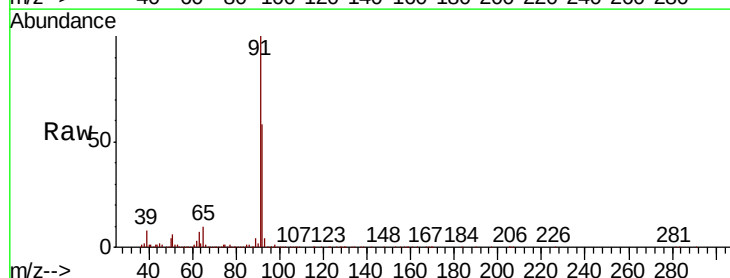
Acq: 30 Nov 2018 16:29

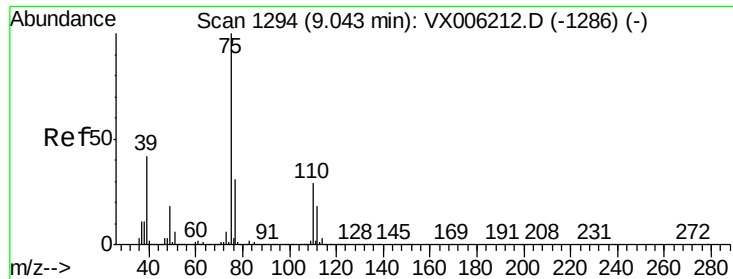
Tgt Ion: 92 Resp: 374450

Ion Ratio Lower Upper

92 100

91 172.0 139.2 208.8





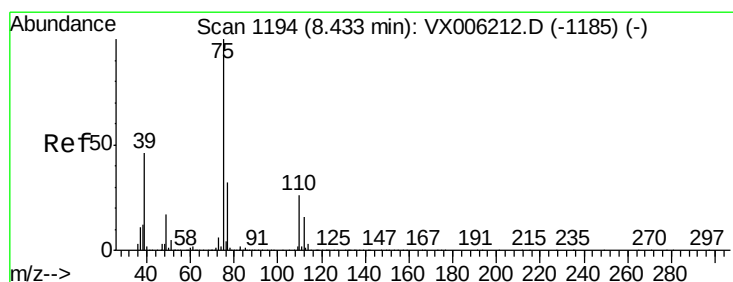
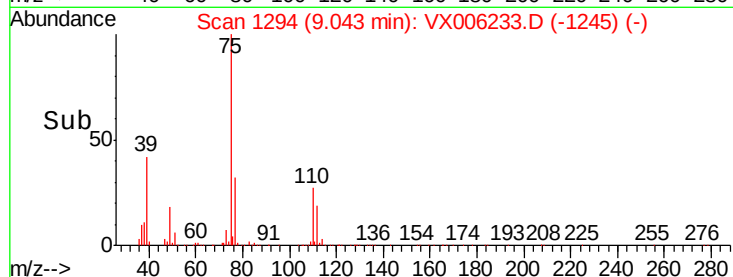
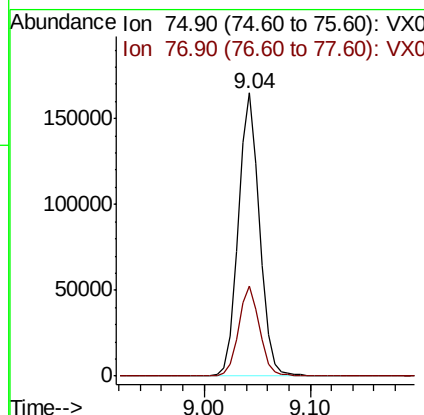
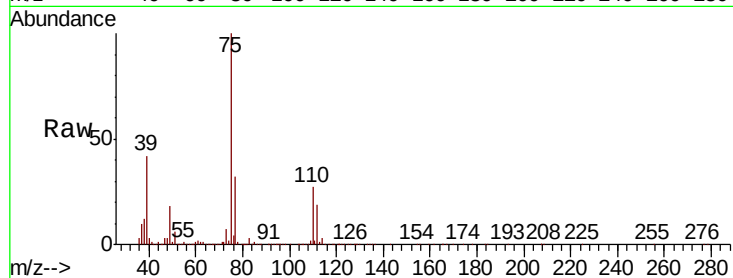
#53
t-1,3-Dichloropropene
Concen: 19.096 ug/l
RT: 9.04 min Scan# 1294
Delta R.T. 0.00 min
Lab File: VX006233.D
Acq: 30 Nov 2018 16:29

Instrument :
MSVOA_X
ClientSampled :
VX1130WBSD01

Tot Ion	Ratio	Lower	Upper
75	100		
77	31.6	25.0	37.4

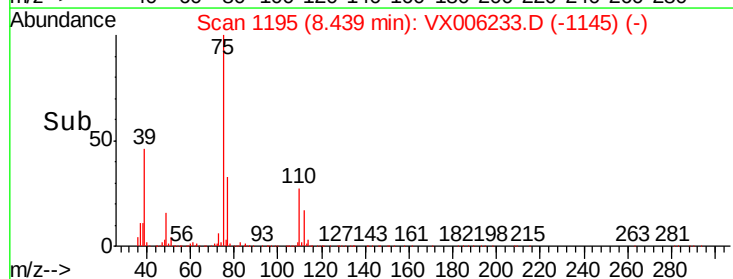
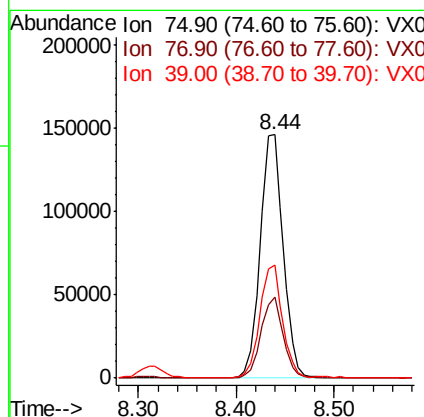
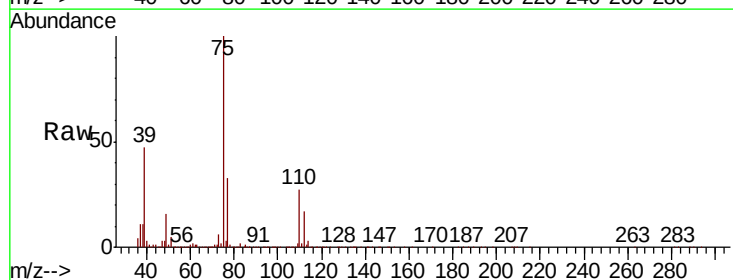
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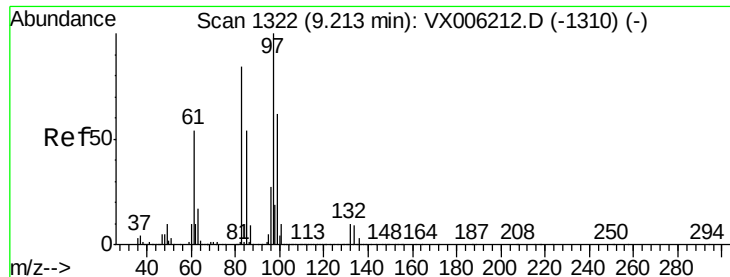
MMDadoda
12/3/2018 11:59:39 AM



#54
cis-1,3-Dichloropropene
Concen: 19.090 ug/l
RT: 8.44 min Scan# 1195
Delta R.T. 0.01 min
Lab File: VX006233.D
Acq: 30 Nov 2018 16:29

Tgt Ion	Ratio	Lower	Upper
75	100		
77	33.1	25.6	38.4
39	46.3	36.5	54.7





#55

1,1,2-Trichloroethane

Concen: 19.936 ug/l

RT: 9.21 min Scan# 1322

Delta R.T. 0.00 min

Lab File: VX006233.D

Acq: 30 Nov 2018 16:29

Instrument :

MSVOA_X

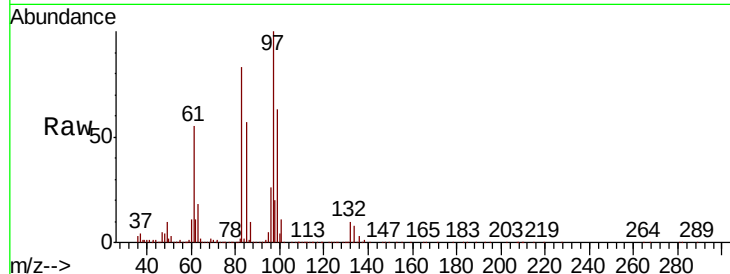
ClientSampleId :

VX1130WBSD01

Tot Ion	97	Resp	154387
Ion Ratio	Lower	Upper	
97	100		
83	82.5	67.1	100.7
85	56.7	43.2	64.8
99	63.3	49.8	74.6

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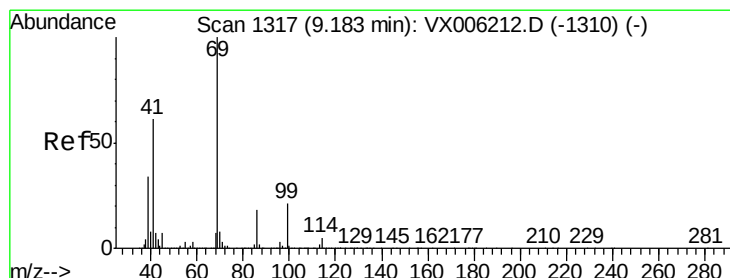
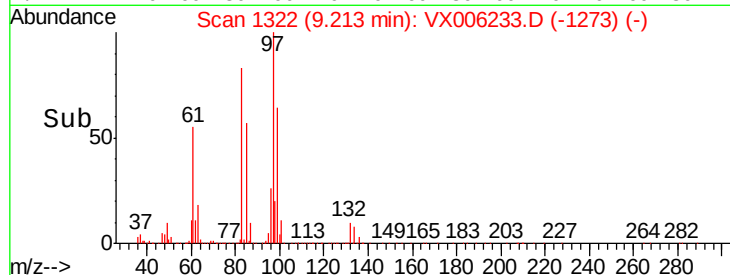
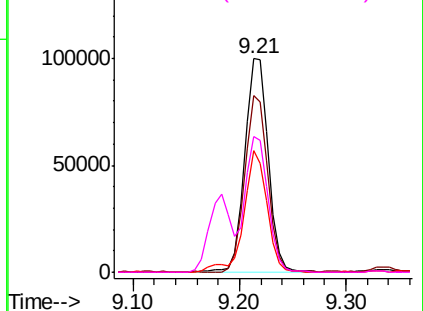
Abundance

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: 19.351 ug/l

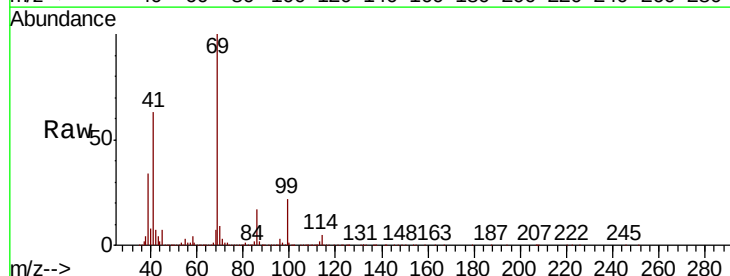
RT: 9.18 min Scan# 1317

Delta R.T. 0.00 min

Lab File: VX006233.D

Acq: 30 Nov 2018 16:29

Tgt Ion	69	Resp	234272
Ion Ratio	Lower	Upper	
69	100		
41	63.4	50.6	76.0
39	34.1	27.6	41.4

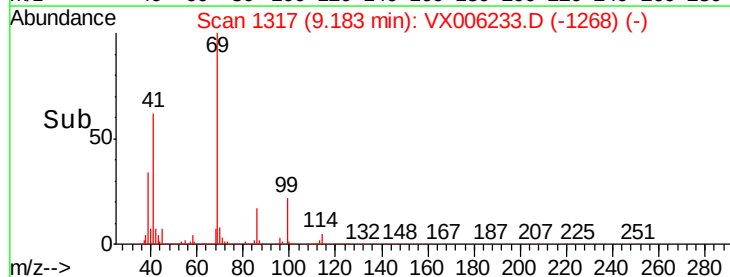
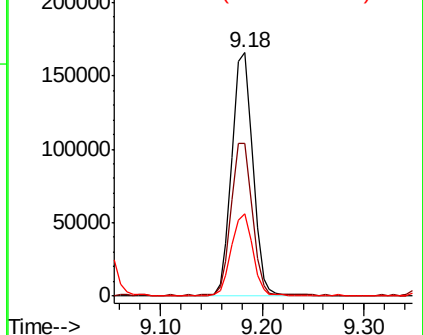


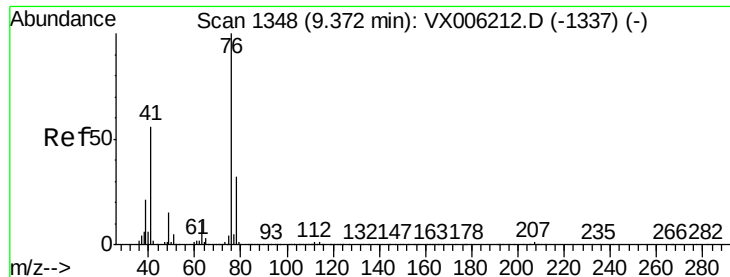
Abundance

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: 19.711 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. -0.00 min

Lab File: VX006233.D

Acq: 30 Nov 2018 16:29

Instrument :

MSVOA_X

ClientSampleId :

VX1130WBSD01

Tot Ion: 76 Resp: 241372

Ion Ratio Lower Upper

76 100

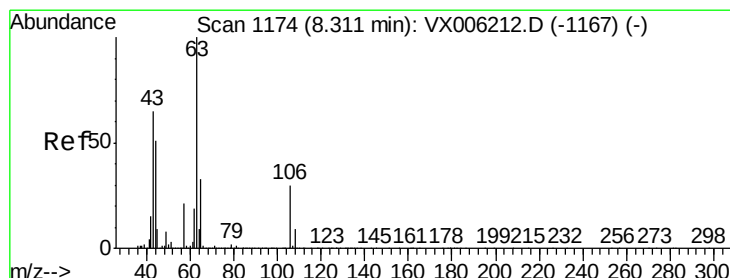
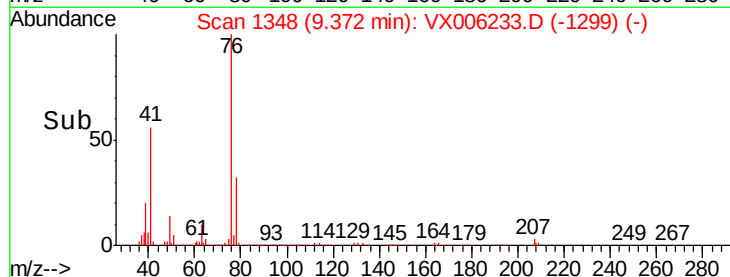
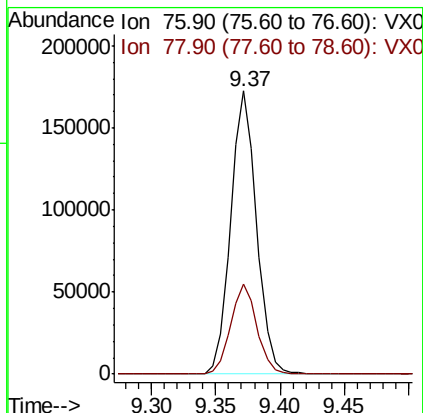
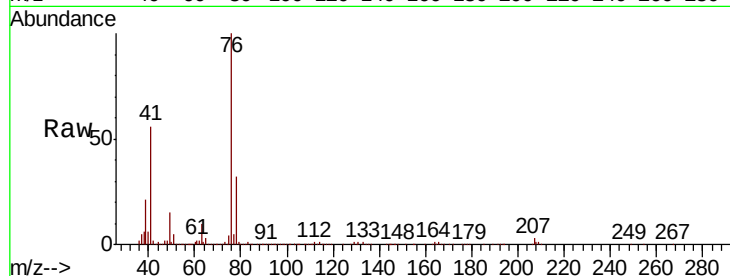
78 32.3 26.1 39.1

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#58

2-Chloroethyl Vinyl ether

Concen: 96.929 ug/l

RT: 8.31 min Scan# 1174

Delta R.T. 0.00 min

Lab File: VX006233.D

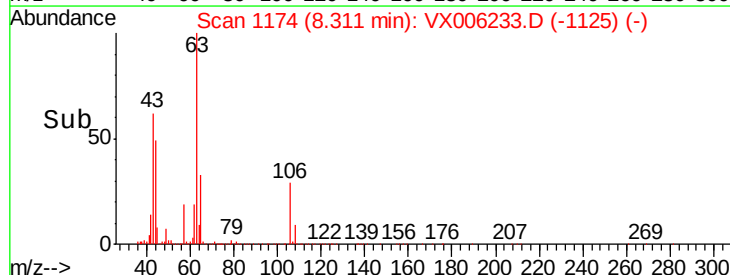
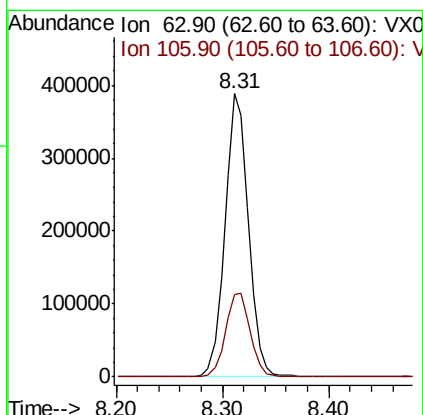
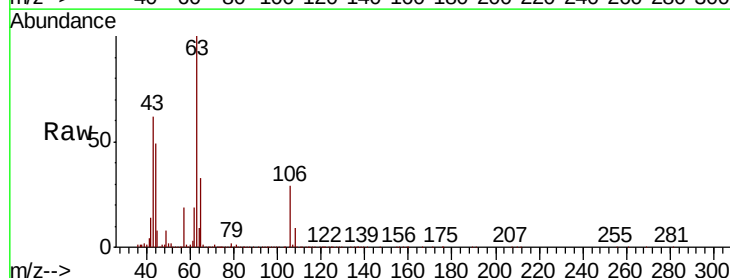
Acq: 30 Nov 2018 16:29

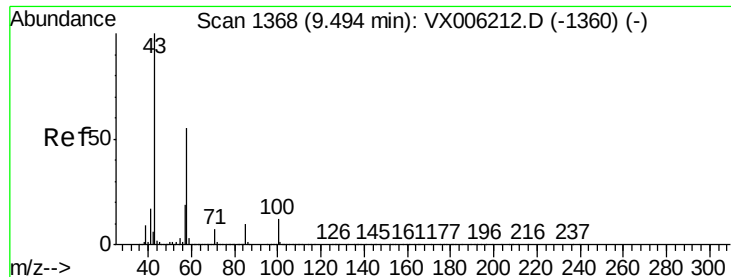
Tgt Ion: 63 Resp: 595476

Ion Ratio Lower Upper

63 100

106 31.1 24.9 37.3





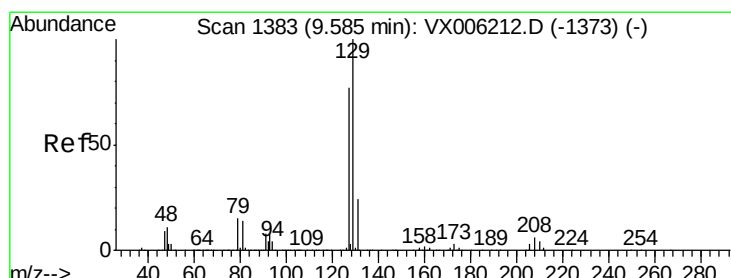
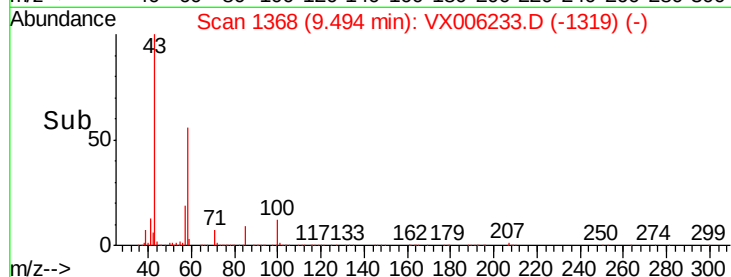
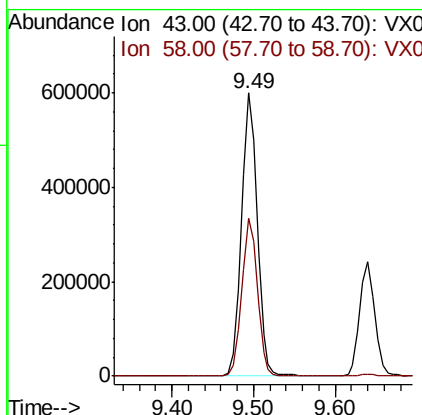
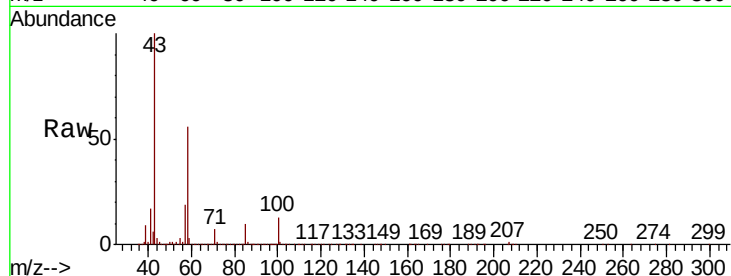
#59
2-Hexanone
Concen: 98.365 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. 0.00 min
Lab File: VX006233.D
Acq: 30 Nov 2018 16:29

Instrument :
MSVOA_X
ClientSampleId :
VX1130WBSD01

Tot Ion: 43 Resp: 790208
Ion Ratio Lower Upper
43 100
58 55.6 27.7 83.1

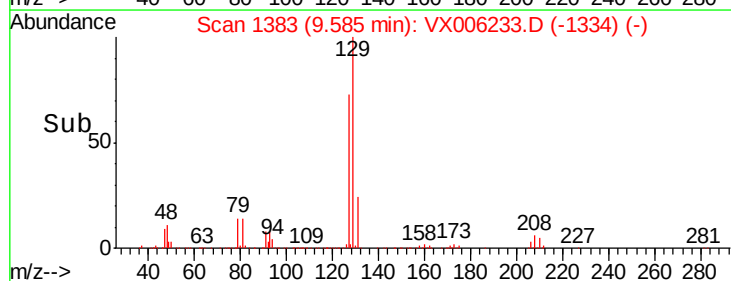
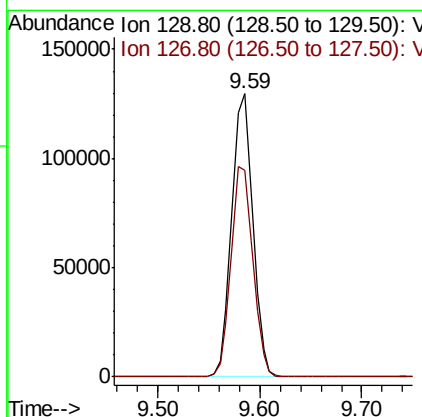
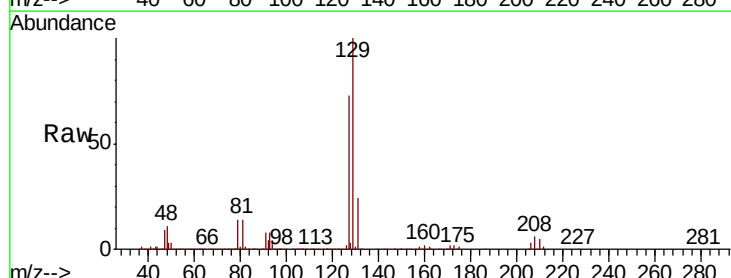
Manual Integrations
APPROVED

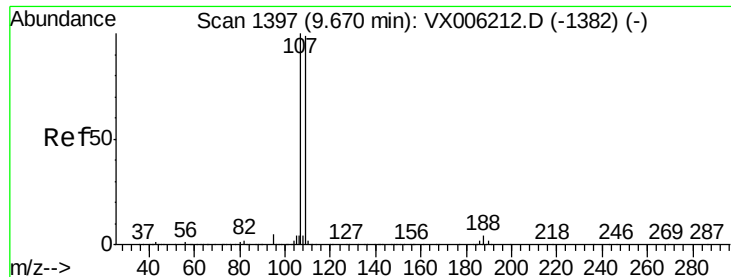
MMDadoda
12/3/2018 11:59:39 AM



#60
Dibromochloromethane
Concen: 19.471 ug/l
RT: 9.59 min Scan# 1383
Delta R.T. 0.00 min
Lab File: VX006233.D
Acq: 30 Nov 2018 16:29

Tgt Ion: 129 Resp: 185929
Ion Ratio Lower Upper
129 100
127 76.5 38.6 115.8





#61

1,2-Dibromoethane

Concen: 19.666 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. 0.00 min

Lab File: VX006233.D

Acq: 30 Nov 2018 16:29

Instrument :

MSVOA_X

ClientSampleId :

VX1130WBSD01

Tot Ion: 107 Resp: 170289

Ion Ratio Lower Upper

107 100

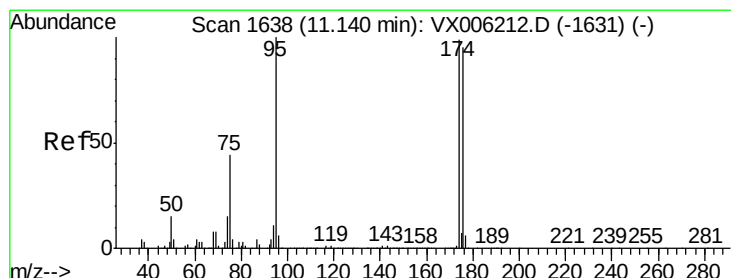
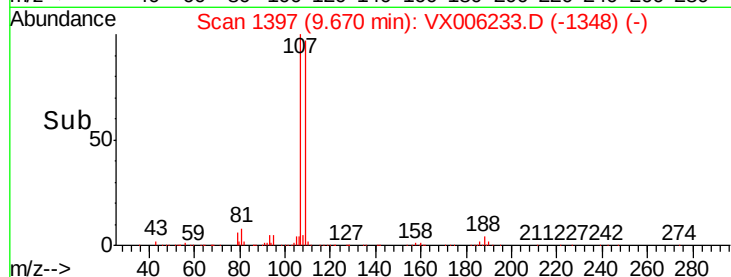
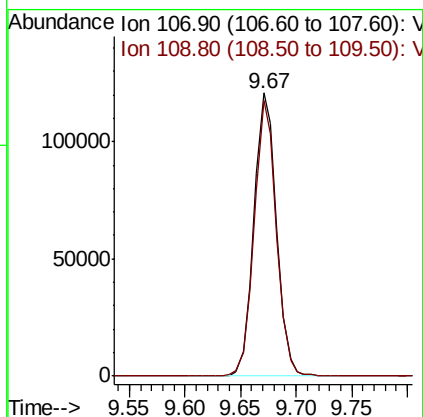
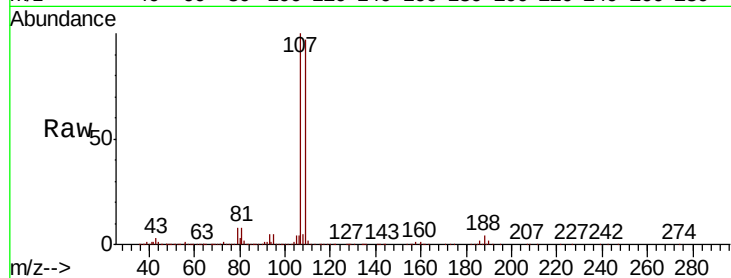
109 95.3 76.3 114.5

Manual Integrations

APPROVED

MMDadoda

12/3/2018 11:59:39 AM



#62

4-Bromofluorobenzene

Concen: 49.283 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.01 min

Lab File: VX006233.D

Acq: 30 Nov 2018 16:29

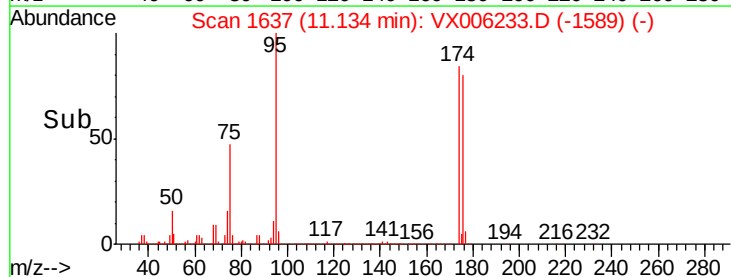
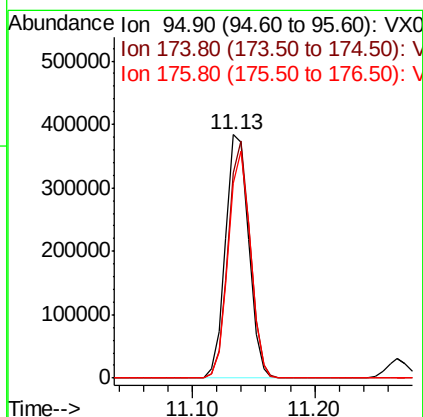
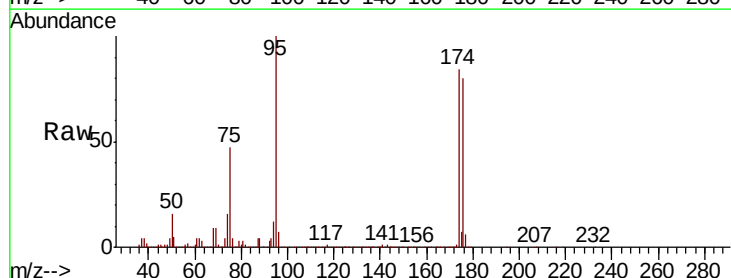
Tgt Ion: 95 Resp: 502437

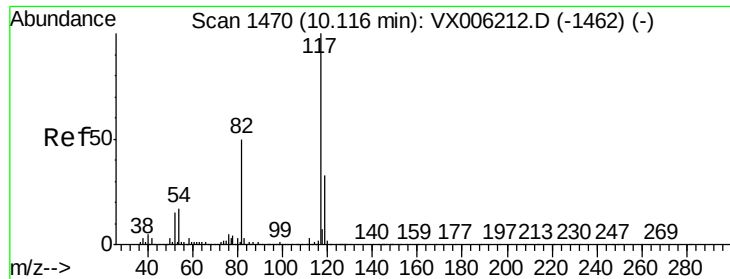
Ion Ratio Lower Upper

95 100

174 92.0 0.0 187.0

176 89.2 0.0 181.8





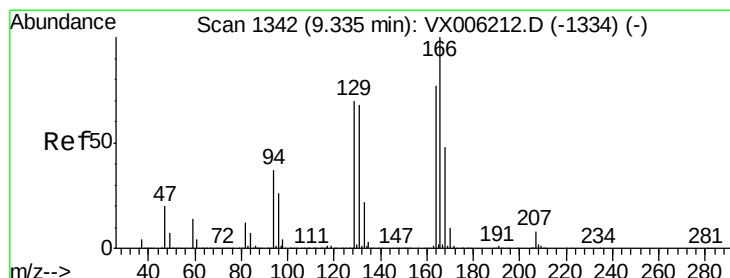
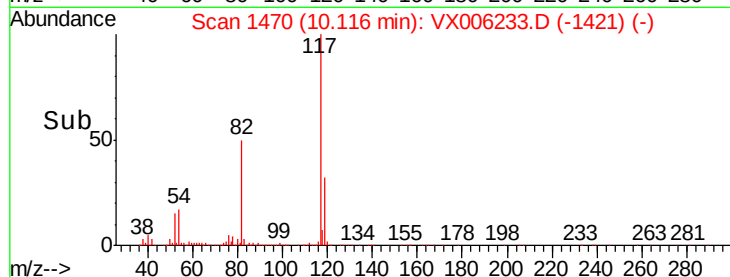
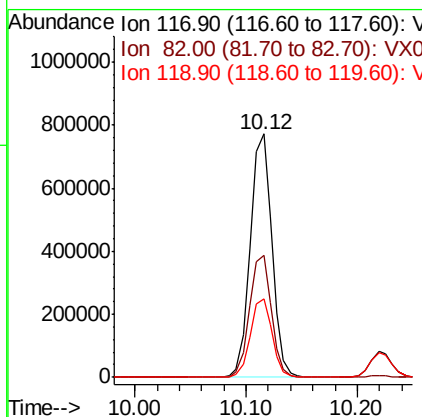
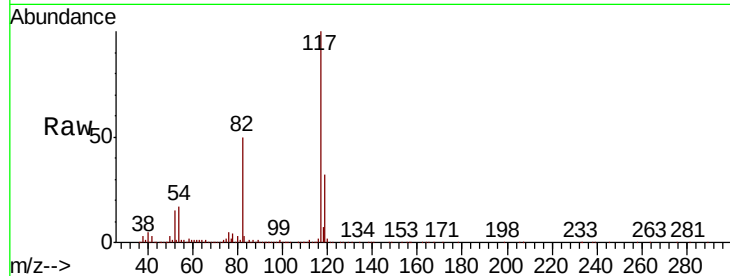
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VX006233.D
Acq: 30 Nov 2018 16:29

Instrument :
MSVOA_X
ClientSampled :
VX1130WBSD01

Tot Ion	Ratio	Lower	Upper
117	100		
82	50.0	39.6	59.4
119	32.4	26.3	39.5

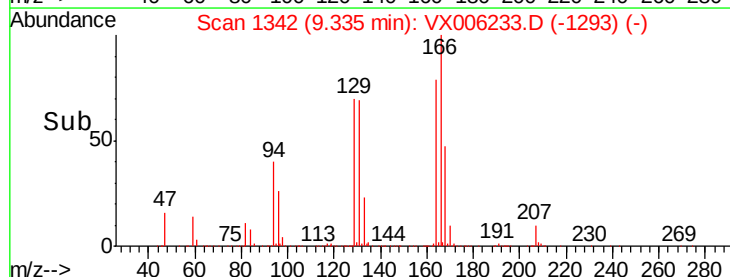
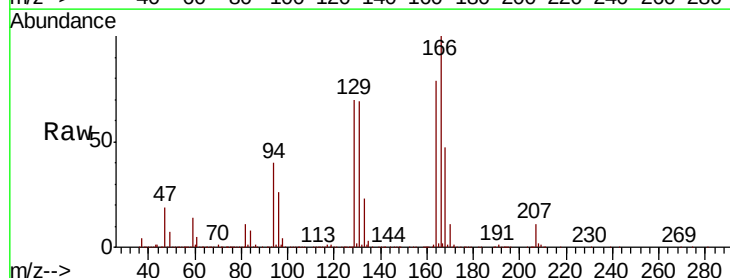
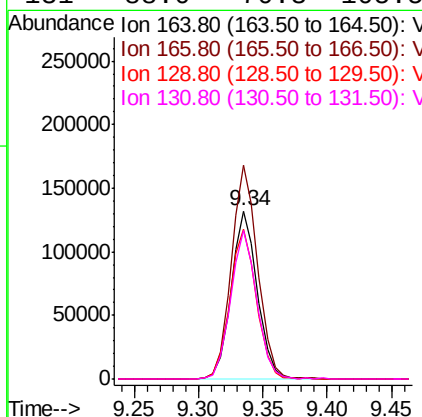
Manual Integrations
APPROVED

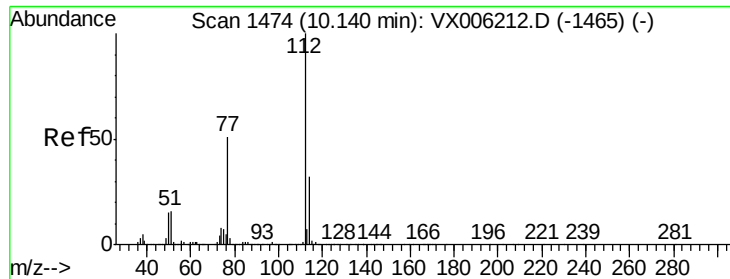
MMDadoda
12/3/2018 11:59:39 AM



#64
Tetrachloroethene
Concen: 23.628 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX006233.D
Acq: 30 Nov 2018 16:29

Tgt Ion	Ratio	Lower	Upper
164	100		
166	127.0	104.2	156.2
129	89.2	72.6	108.8
131	88.0	70.3	105.5





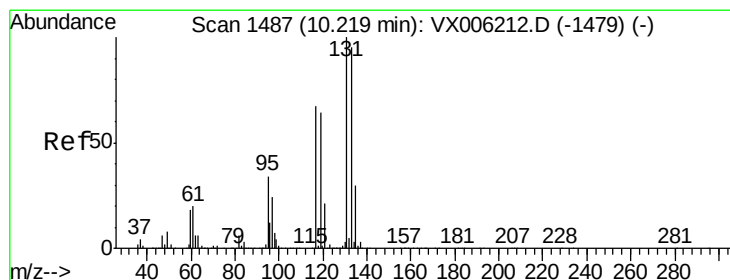
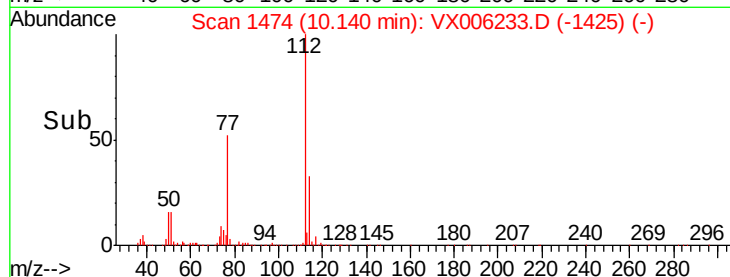
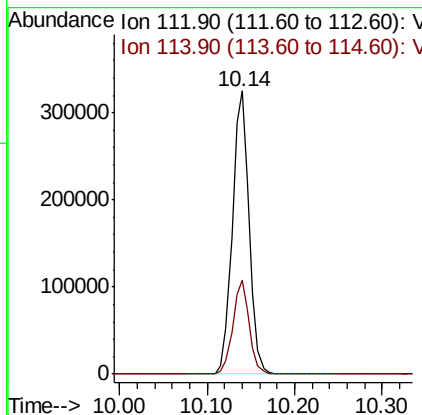
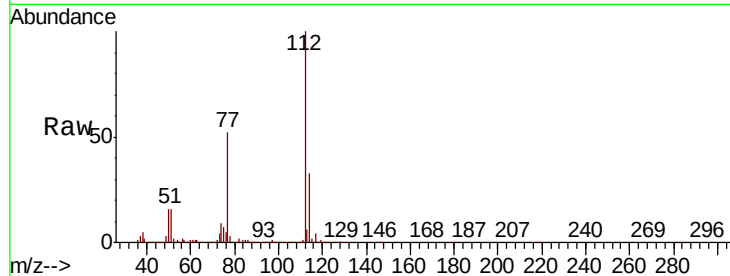
#65
Chlorobenzene
Concen: 19.609 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. 0.00 min
Lab File: VX006233.D
Acq: 30 Nov 2018 16:29

Instrument :
MSVOA_X
ClientSampleId :
VX1130WBSD01

Tot Ion	Ratio	Lower	Upper
112	100		
114	33.2	25.4	38.2

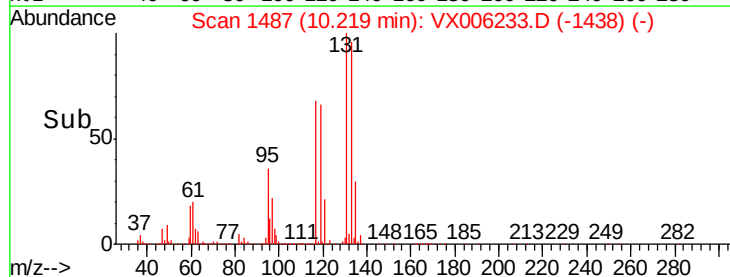
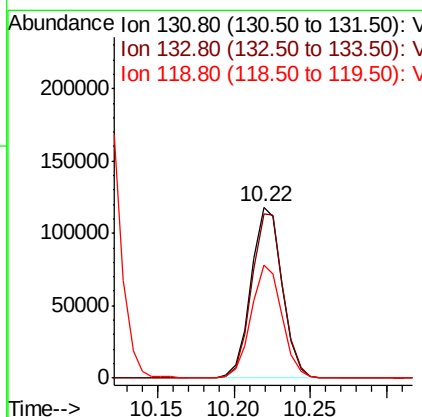
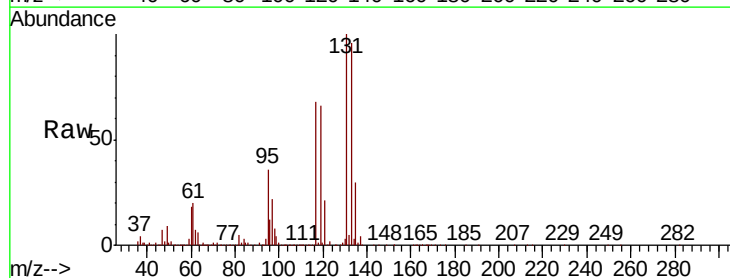
Manual Integrations
APPROVED

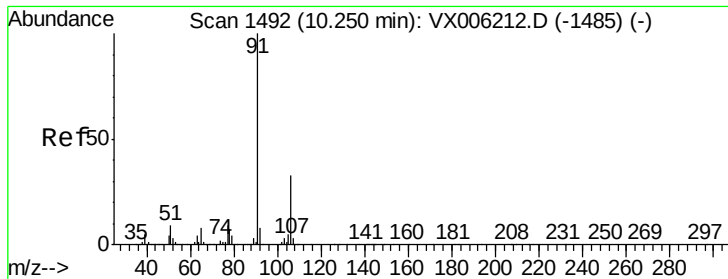
MMDadoda
12/3/2018 11:59:39 AM



#66
1,1,1,2-Tetrachloroethane
Concen: 19.411 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VX006233.D
Acq: 30 Nov 2018 16:29

Tgt Ion	Ratio	Lower	Upper
131	100		
133	97.1	48.1	144.4
119	65.6	32.1	96.3





#67

Ethyl Benzene

Concen: 19.604 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. 0.00 min

Lab File: VX006233.D

Acq: 30 Nov 2018 16:29

Instrument :

MSVOA_X

ClientSampleId :

VX1130WBSD01

Tot Ion: 91 Resp: 722914

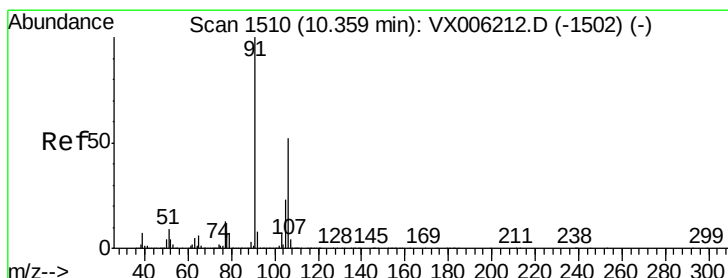
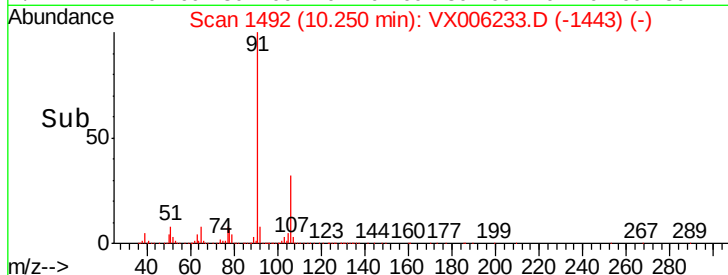
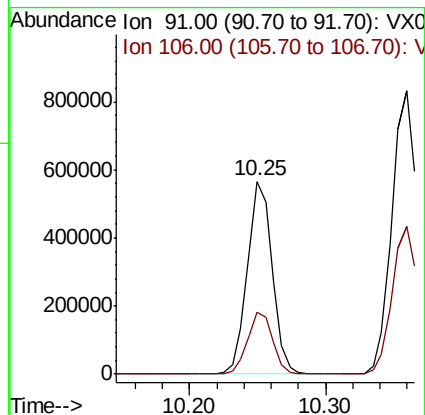
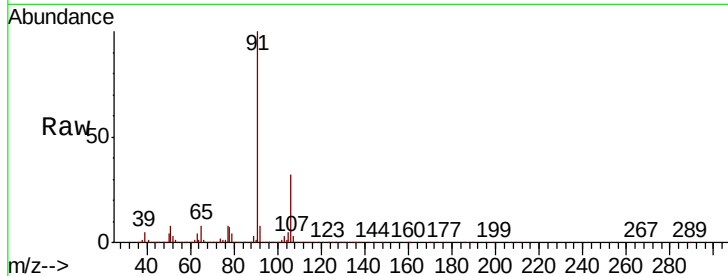
Ion Ratio Lower Upper

91 100

106 32.2 26.5 39.7

Manual Integrations
APPROVED

MMDadoda
12/3/2018 11:59:39 AM



#68

m/p-Xylenes

Concen: 38.917 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. 0.00 min

Lab File: VX006233.D

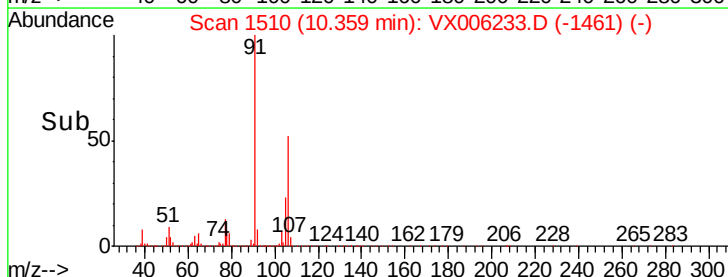
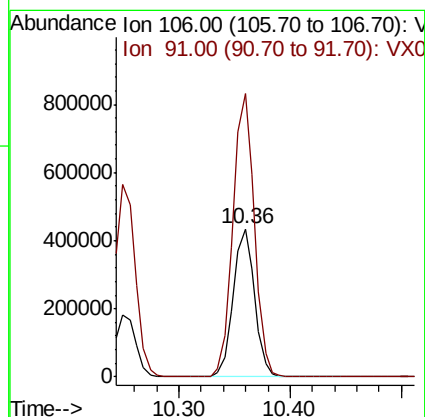
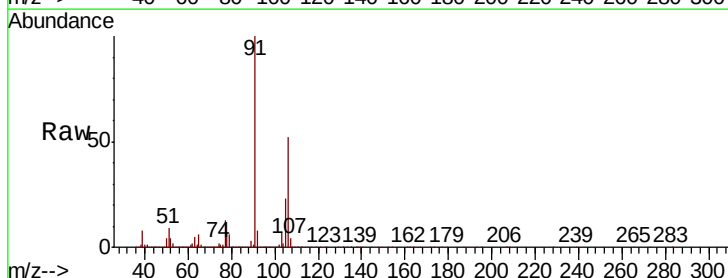
Acq: 30 Nov 2018 16:29

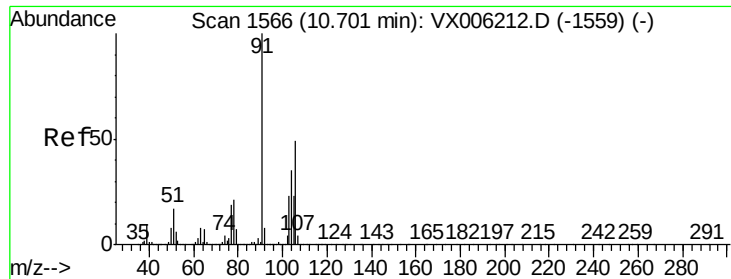
Tgt Ion: 106 Resp: 574875

Ion Ratio Lower Upper

106 100

91 192.1 155.2 232.8





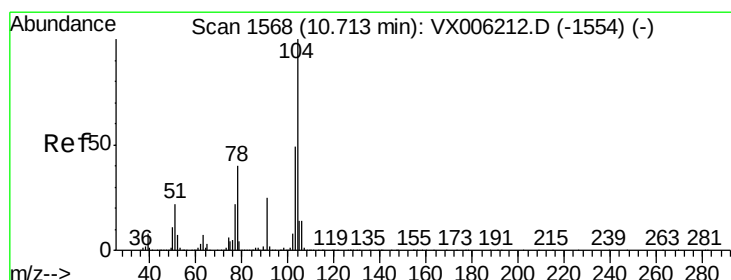
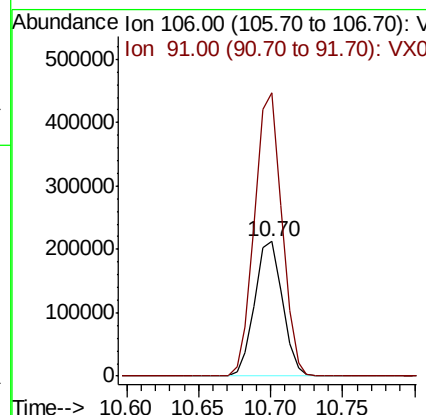
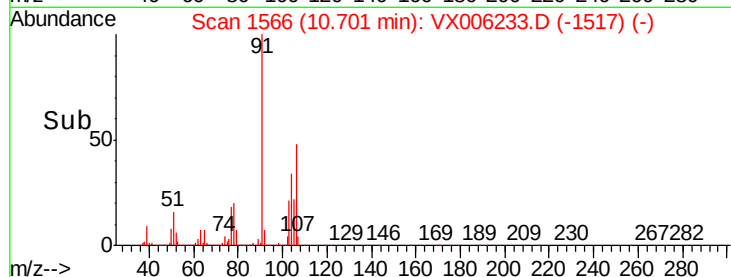
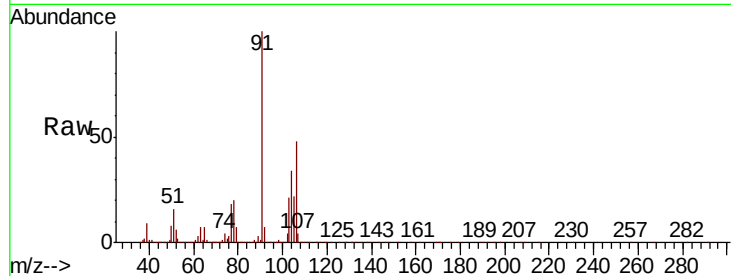
#69
o-Xylene
Concen: 19.427 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. 0.00 min
Lab File: VX006233.D
Acq: 30 Nov 2018 16:29

Instrument :
MSVOA_X
ClientSampleId :
VX1130WBSD01

Tot Ion	Ratio	Lower	Upper
106	100		
91	206.3	101.8	305.6

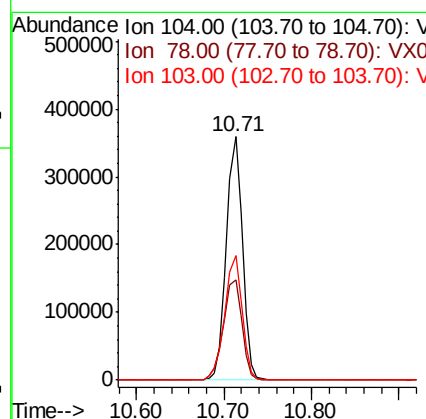
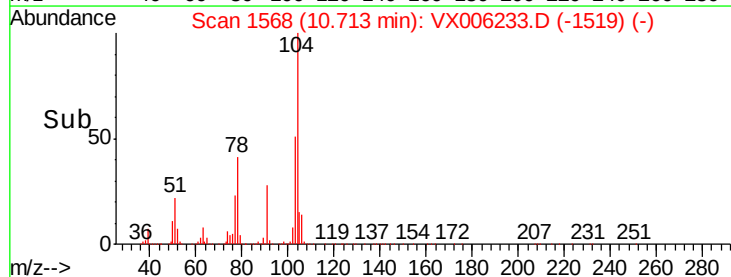
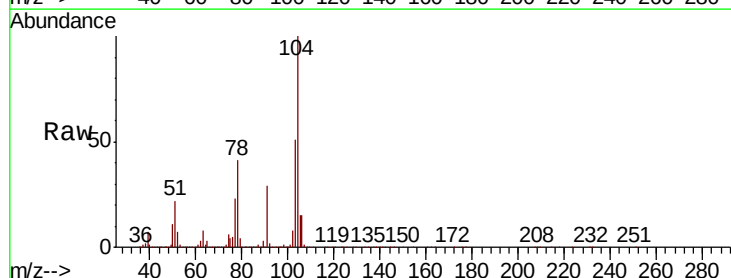
Manual Integrations
APPROVED

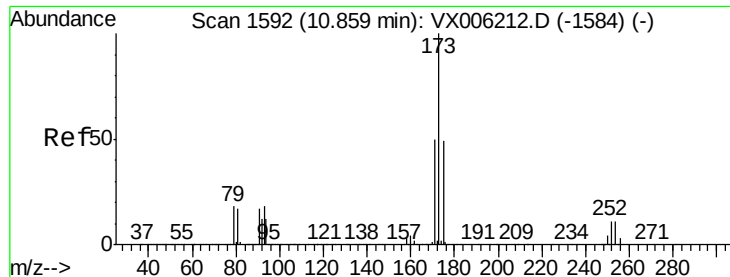
MMDadoda
12/3/2018 11:59:39 AM



#70
Styrene
Concen: 19.417 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX006233.D
Acq: 30 Nov 2018 16:29

Tgt Ion	Ratio	Lower	Upper
104	100		
78	46.8	37.2	55.8
103	54.7	43.5	65.3





#71

Bromoform

Concen: 19.265 ug/l

RT: 10.86 min Scan# 1592

Delta R.T. 0.00 min

Lab File: VX006233.D

Acq: 30 Nov 2018 16:29

Instrument :

MSVOA_X

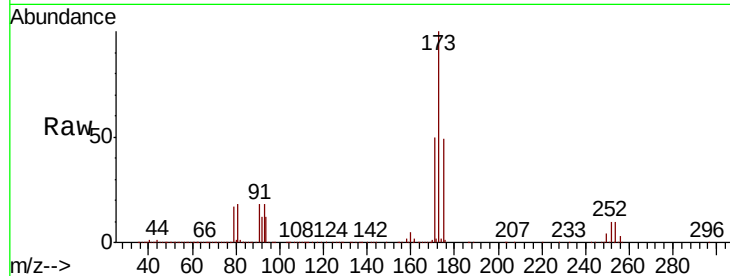
ClientSampleId :

VX1130WBSD01

Tot Ion:	173	Resp:	156663
Ion Ratio	Lower	Upper	
173	100		
175	47.9	24.6	73.8
254	0.1	0.2	0.2#

Manual Integrations
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12/3/2018 11:59:39 AM

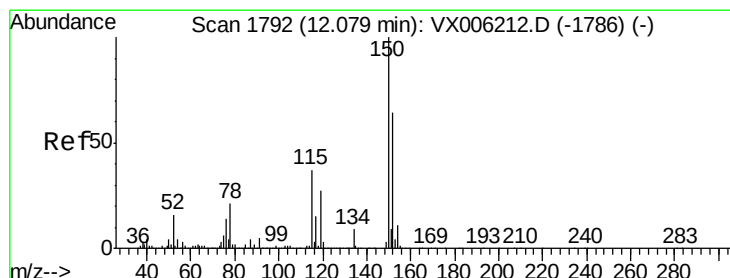
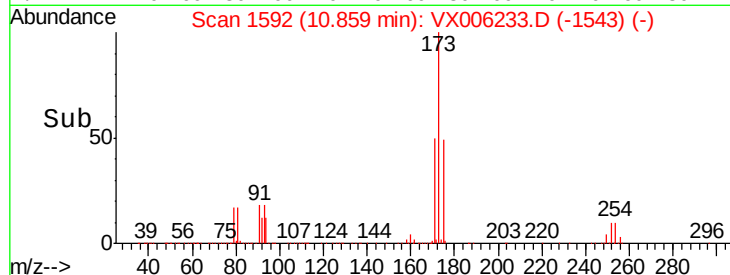
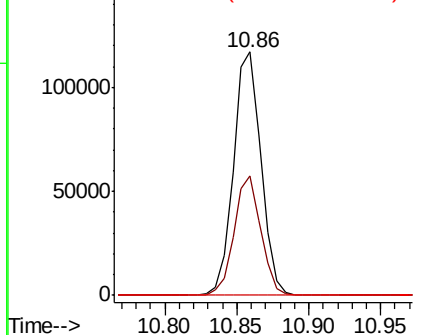


Abundance

Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

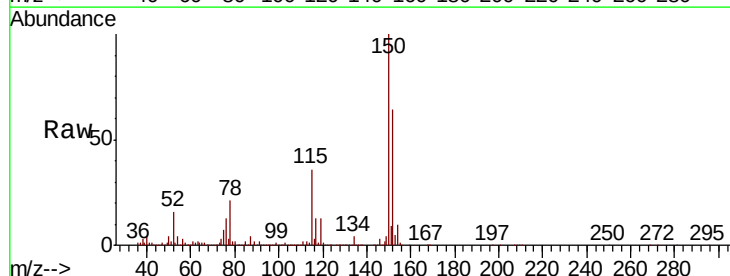
RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX006233.D

Acq: 30 Nov 2018 16:29

Tgt Ion:	152	Resp:	541372
Ion Ratio	Lower	Upper	
152	100		
115	64.1	39.0	116.9
150	161.7	0.0	345.8

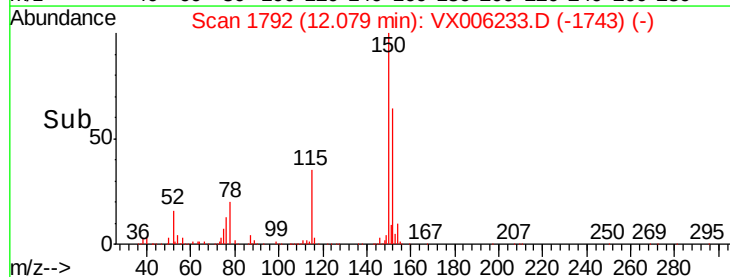
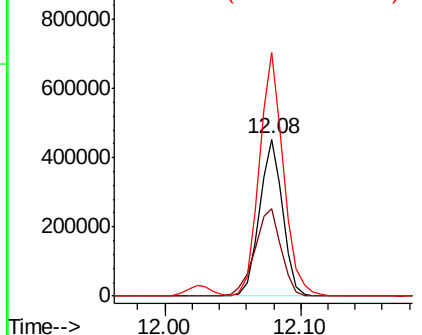


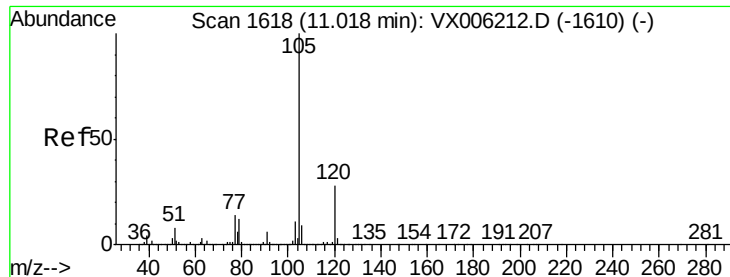
Abundance

Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 19.840 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX006233.D

Acq: 30 Nov 2018 16:29

Instrument :

MSVOA_X

ClientSampleId :

VX1130WBSD01

Tot Ion:105 Resp: 741741

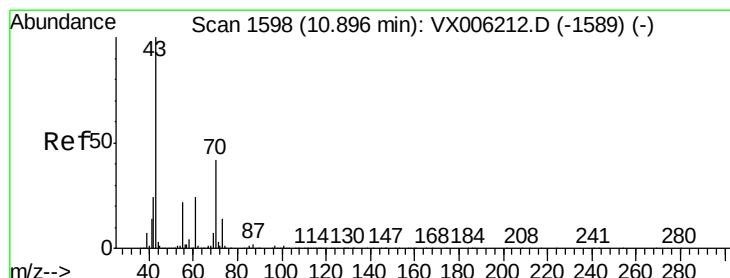
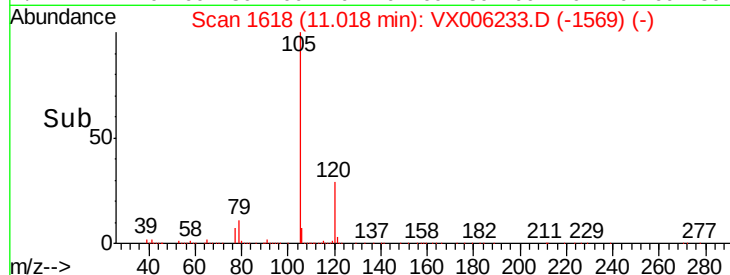
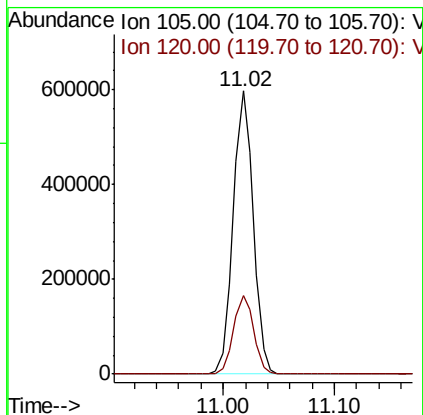
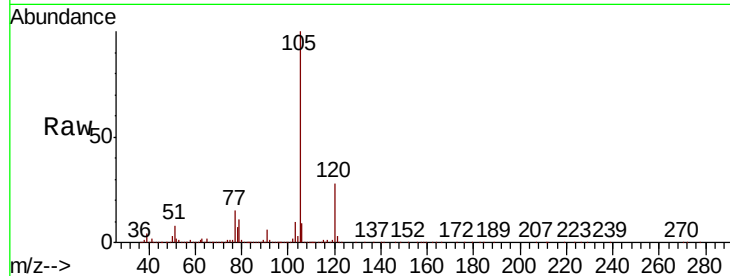
Ion Ratio Lower Upper

105 100

120 28.2 14.1 42.3

Manual Integrations
APPROVED

MMDadoda
12/3/2018 11:59:39 AM



#74

N-ethyl acetate

Concen: 19.578 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.00 min

Lab File: VX006233.D

Acq: 30 Nov 2018 16:29

Tgt Ion: 43 Resp: 315187

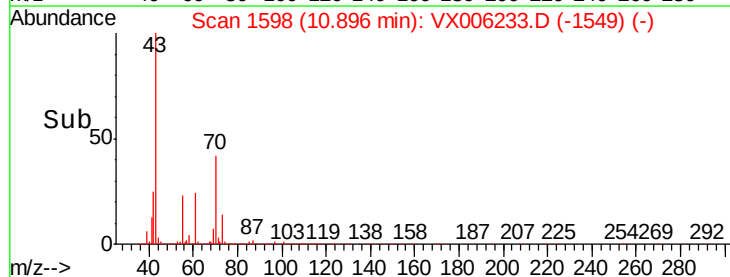
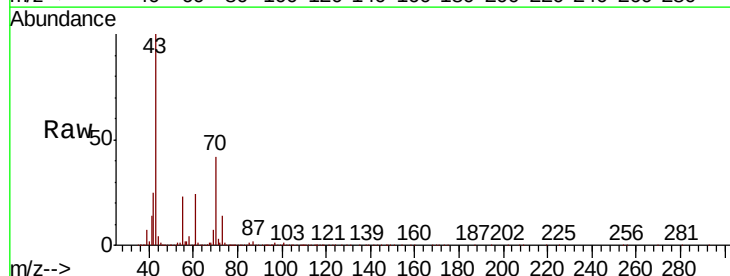
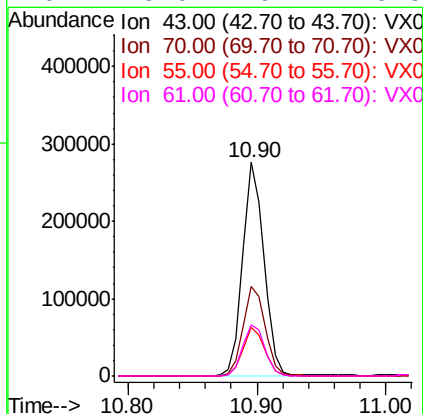
Ion Ratio Lower Upper

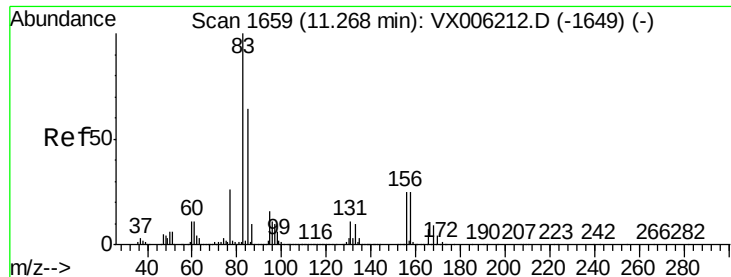
43 100

70 43.5 34.1 51.1

55 23.0 17.8 26.8

61 25.0 19.7 29.5





#75

1,1,2,2-Tetrachloroethane

Concen: 20.182 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX006233.D

Acq: 30 Nov 2018 16:29

Instrument :

MSVOA_X

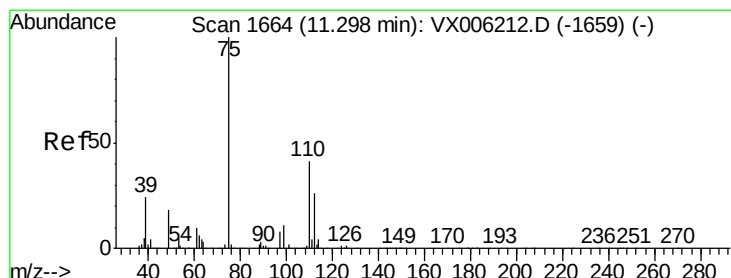
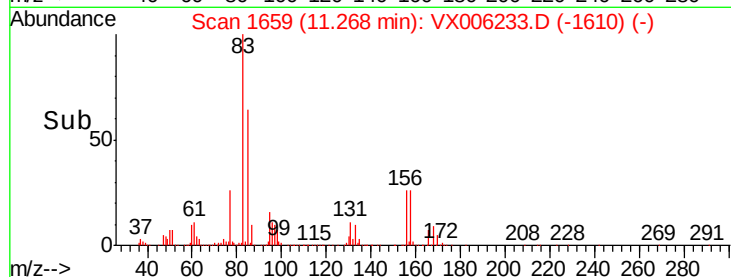
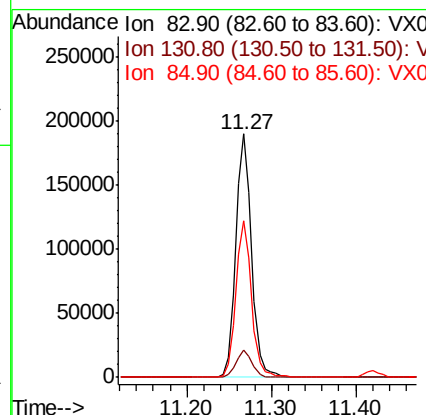
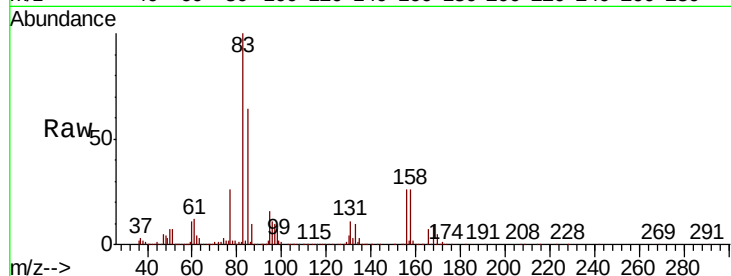
ClientSampleId :

VX1130WBSD01

Tot Ion:	83	Resp:	241386
Ion Ratio	Lower	Upper	
83	100		
131	11.3	5.7	17.1
85	64.1	32.1	96.5

Manual Integrations
APPROVED

MMDadoda
12/3/2018 11:59:39 AM



#76

1,2,3-Trichloropropane

Concen: 17.923 ug/l m

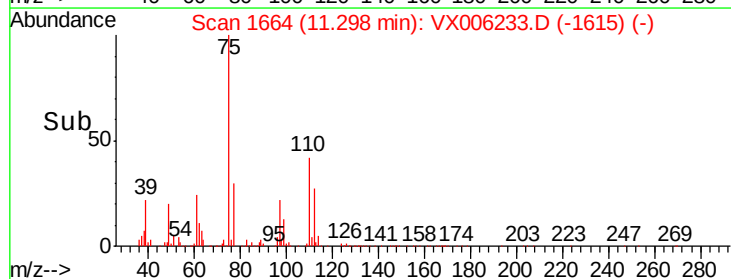
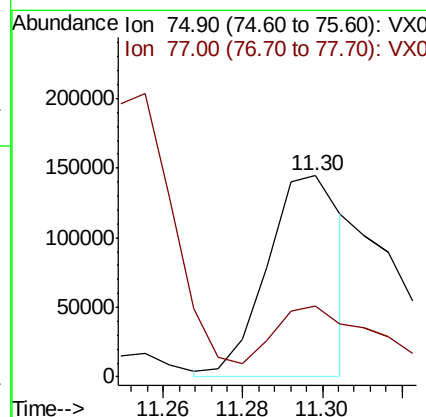
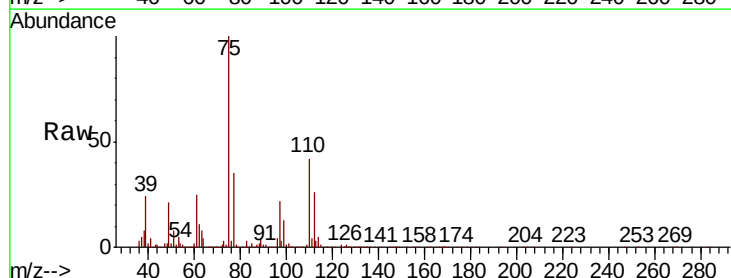
RT: 11.30 min Scan# 1664

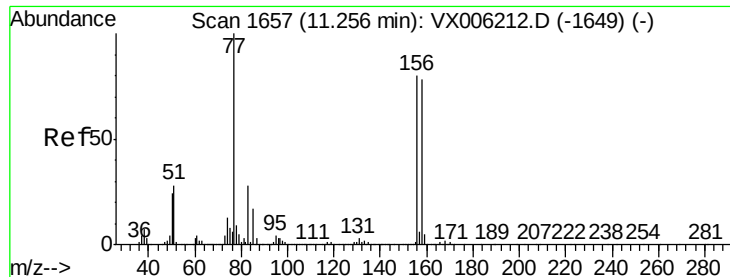
Delta R.T. -0.00 min

Lab File: VX006233.D

Acq: 30 Nov 2018 16:29

Tgt Ion:	75	Resp:	187280
Ion Ratio	Lower	Upper	
75	100		
77	49.1	19.9	59.7





#77

Bromobenzene

Concen: 19.652 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. 0.00 min

Lab File: VX006233.D

Acq: 30 Nov 2018 16:29

Instrument :

MSVOA_X

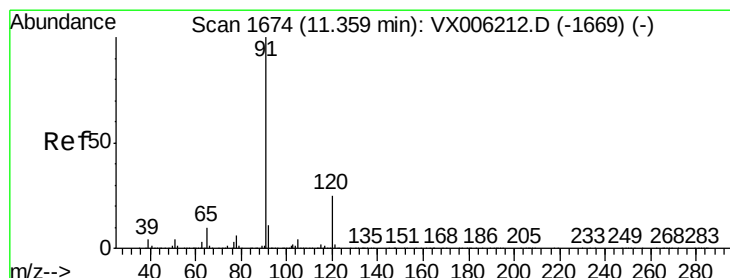
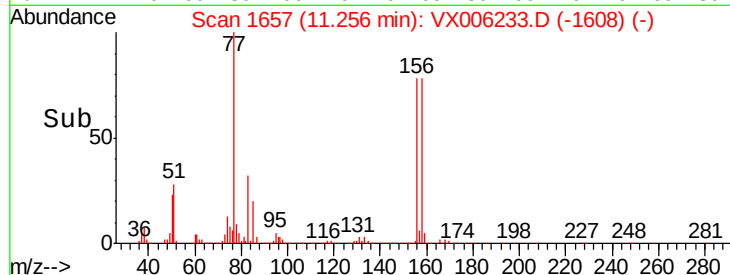
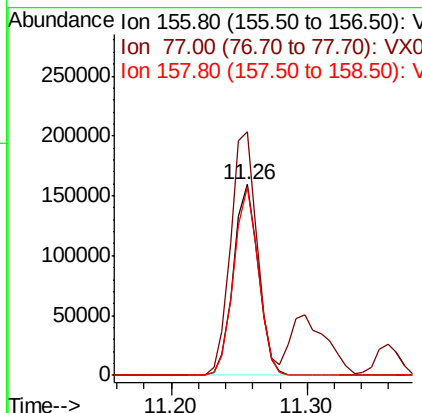
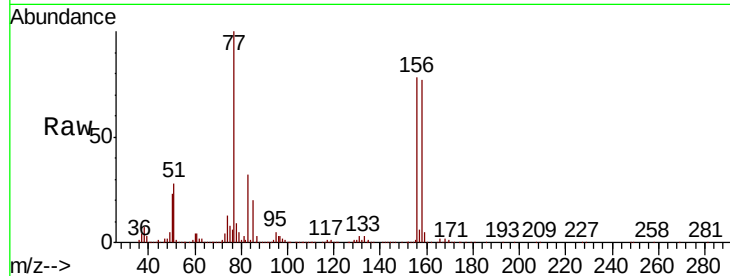
ClientSampleId :

VX1130WBSD01

Tot Ion:	156	Resp:	203897
Ion Ratio	Lower	Upper	
156	100		
77	135.1	66.2	198.6
158	97.9	48.8	146.4

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#78

n-propylbenzene

Concen: 19.721 ug/l

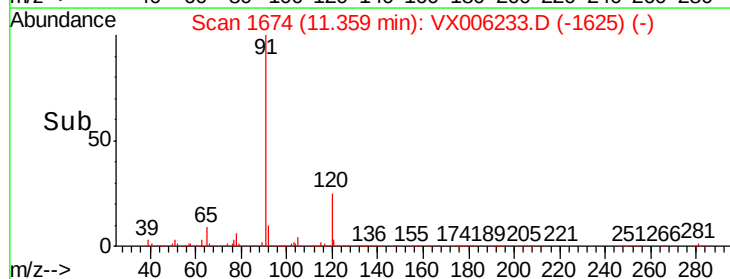
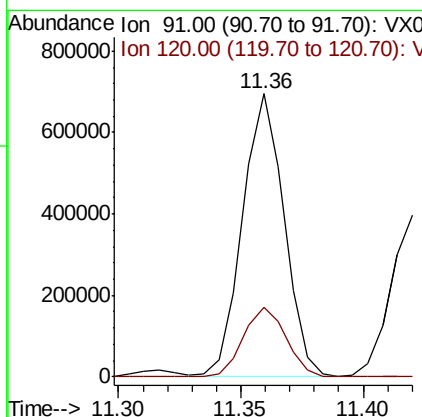
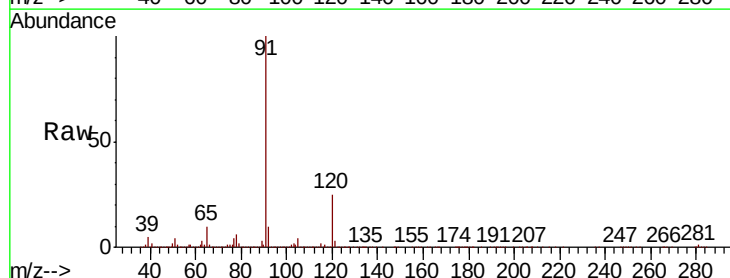
RT: 11.36 min Scan# 1674

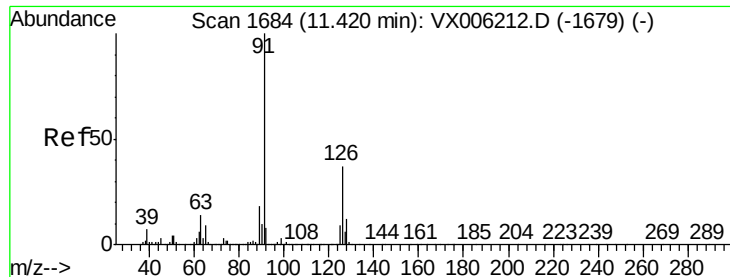
Delta R.T. 0.00 min

Lab File: VX006233.D

Acq: 30 Nov 2018 16:29

Tgt Ion:	91	Resp:	819596
Ion Ratio	Lower	Upper	
91	100		
120	25.4	12.7	38.0





#79

2-Chlorotoluene

Concen: 19.688 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. 0.00 min

Lab File: VX006233.D

Acq: 30 Nov 2018 16:29

Instrument :

MSVOA_X

ClientSampleId :

VX1130WBSD01

Tot Ion: 91 Resp: 486299

Ion Ratio Lower Upper

91 100

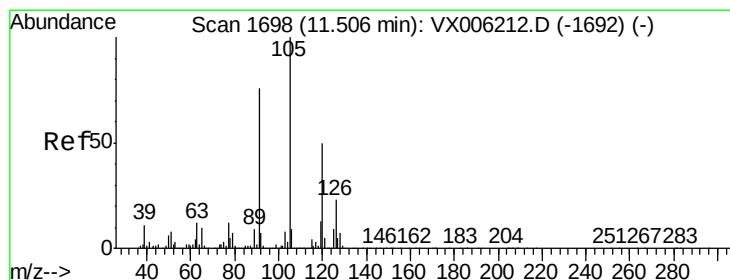
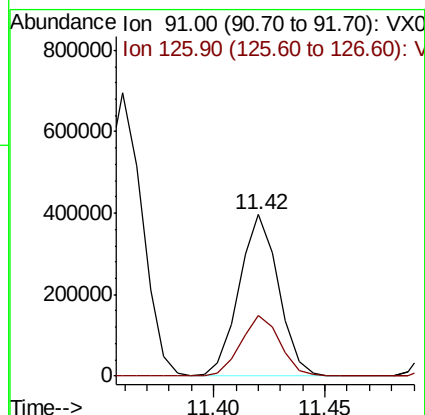
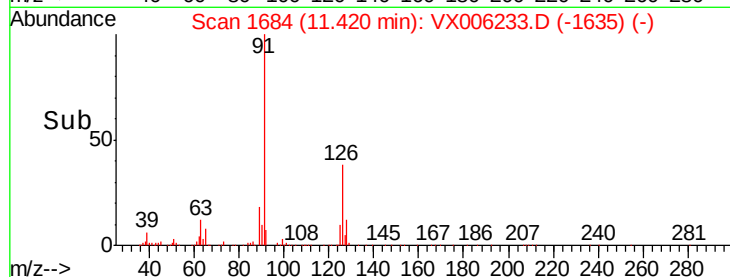
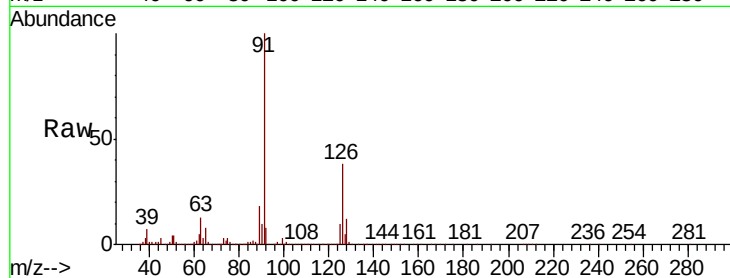
126 37.7 18.6 56.0

Manual Integrations

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#80

1,3,5-Trimethylbenzene

Concen: 19.870 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX006233.D

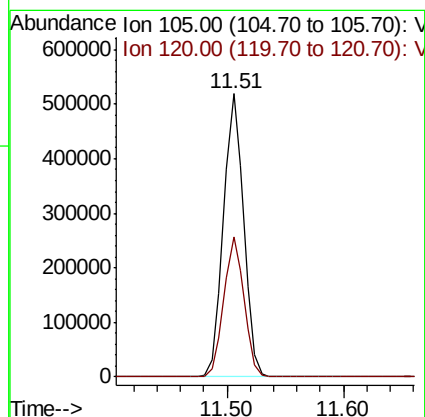
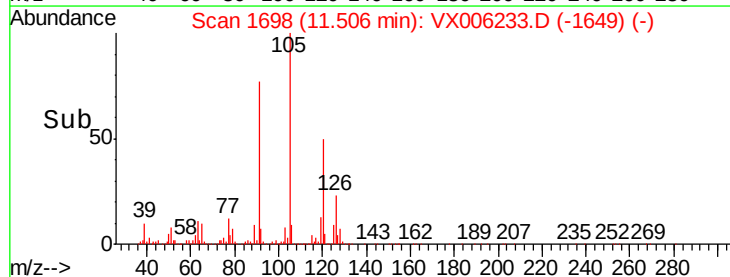
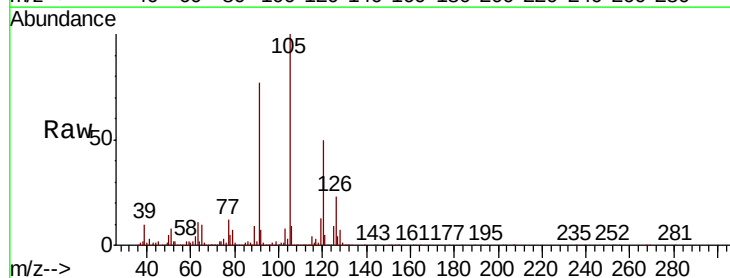
Acq: 30 Nov 2018 16:29

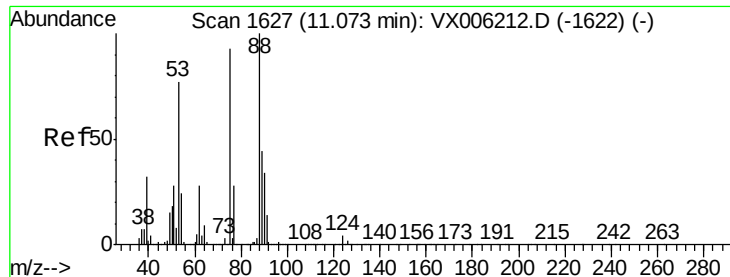
Tgt Ion: 105 Resp: 618080

Ion Ratio Lower Upper

105 100

120 49.5 25.4 76.0





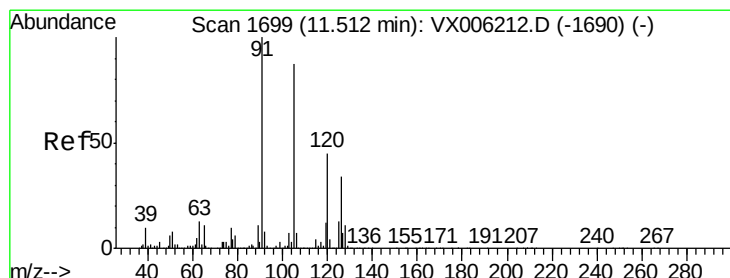
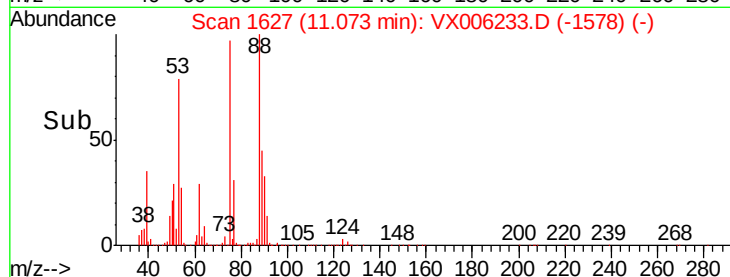
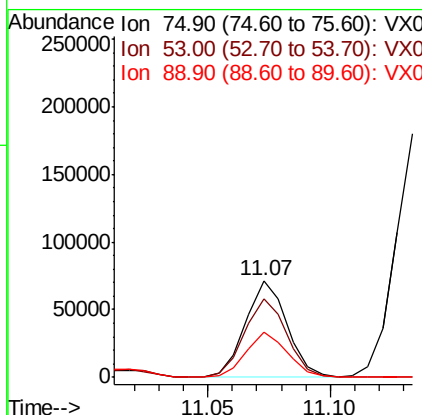
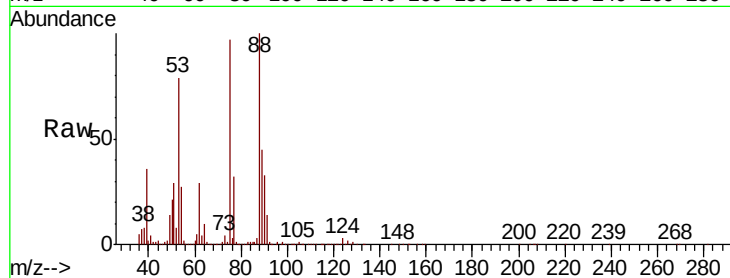
#81
trans-1,4-Dichloro-2-butene
Concen: 18.924 ug/l
RT: 11.07 min Scan# 1627
Delta R.T. 0.00 min
Lab File: VX006233.D
Acq: 30 Nov 2018 16:29

Instrument :
MSVOA_X
ClientSampleId :
VX1130WBSD01

Tot Ion	Ratio	Lower	Upper
75	100		
53	82.8	64.4	96.6
89	47.0	44.2	66.4

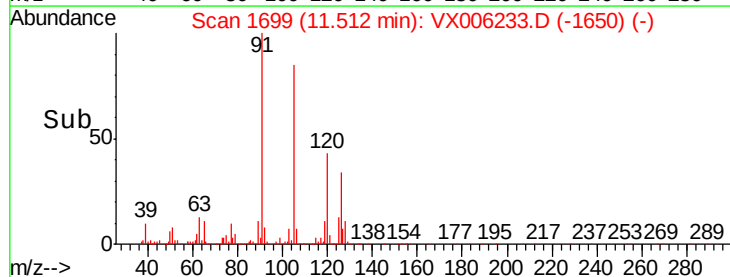
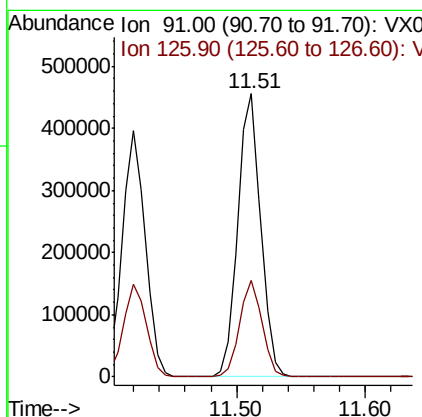
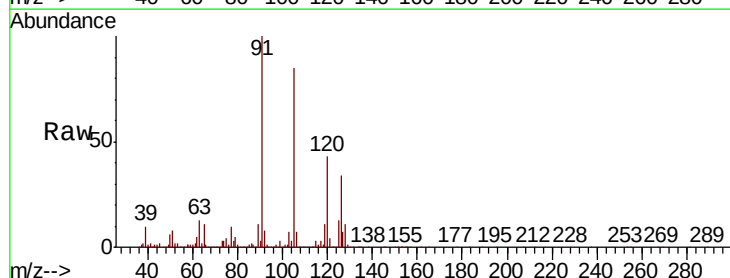
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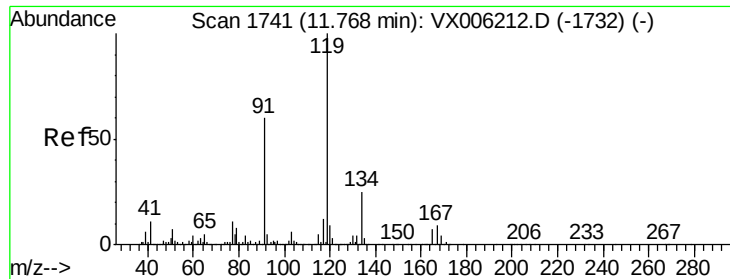
MMDadoda
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#82
4-Chlorotoluene
Concen: 19.630 ug/l
RT: 11.51 min Scan# 1699
Delta R.T. 0.00 min
Lab File: VX006233.D
Acq: 30 Nov 2018 16:29

Tgt Ion	Ratio	Lower	Upper
91	100		
126	33.1	16.4	49.4





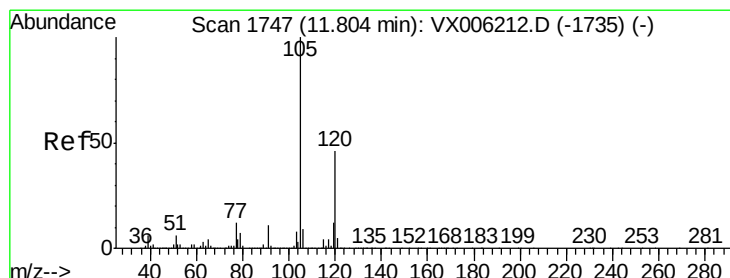
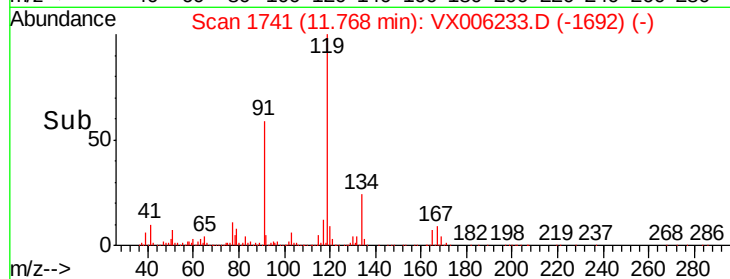
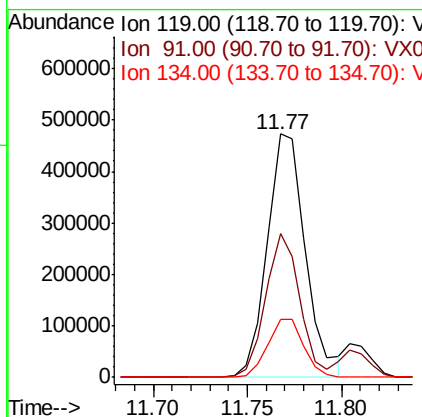
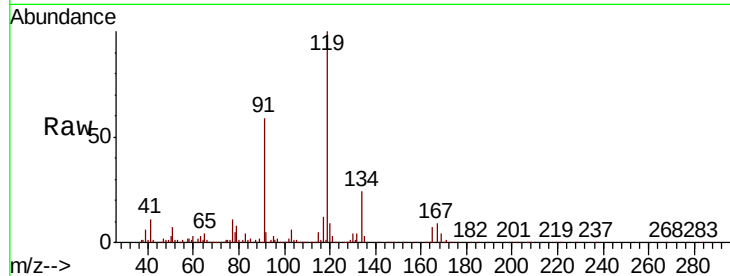
#83
 tert-Butylbenzene
 Concen: 19.974 ug/l
 RT: 11.77 min Scan# 1741
 Delta R.T. 0.00 min
 Lab File: VX006233.D
 Acq: 30 Nov 2018 16:29

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1130WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
119	100	662920		
91	52.5	26.4	79.2	
134	22.9	11.6	34.7	

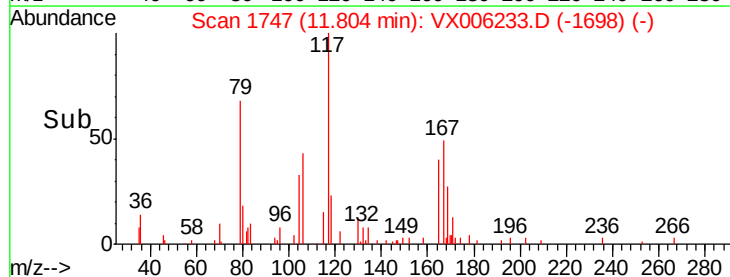
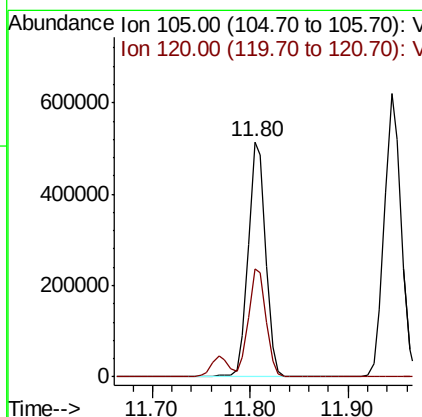
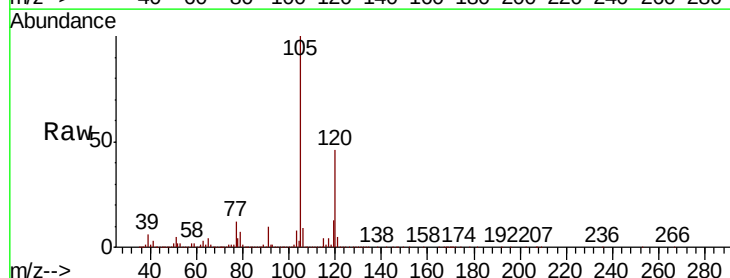
Manual Integrations
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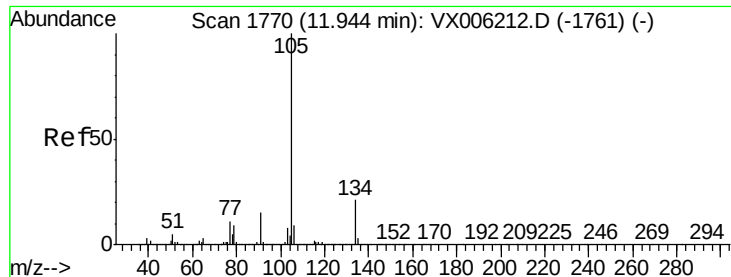
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#84
 1,2,4-Trimethylbenzene
 Concen: 19.741 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. 0.00 min
 Lab File: VX006233.D
 Acq: 30 Nov 2018 16:29

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	634076		
120	45.9	23.4	70.0	





#85

sec-Butylbenzene

Concen: 19.705 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. 0.00 min

Lab File: VX006233.D

Acq: 30 Nov 2018 16:29

Instrument :

MSVOA_X

ClientSampled :

VX1130WBSD01

Tot Ion:105 Resp: 744030

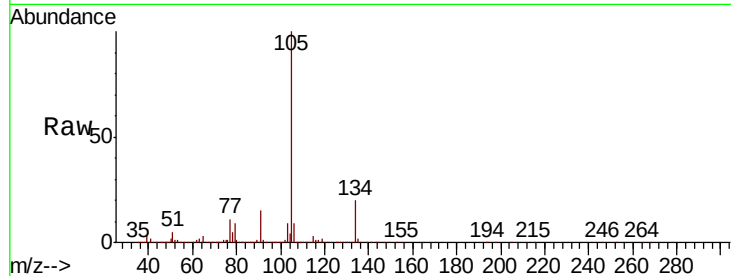
Ion Ratio Lower Upper

105 100

134 21.5 10.8 32.4

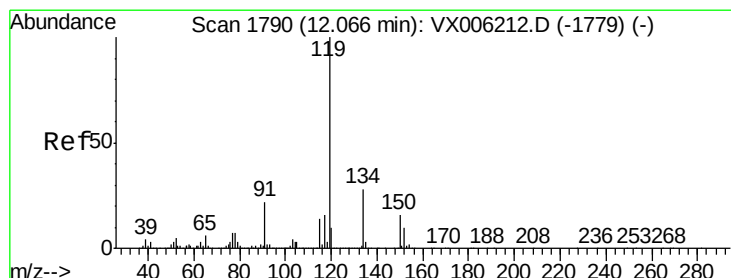
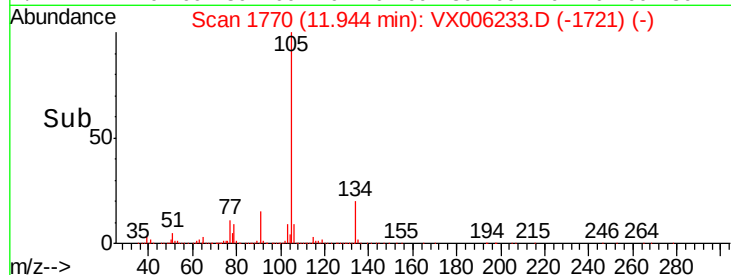
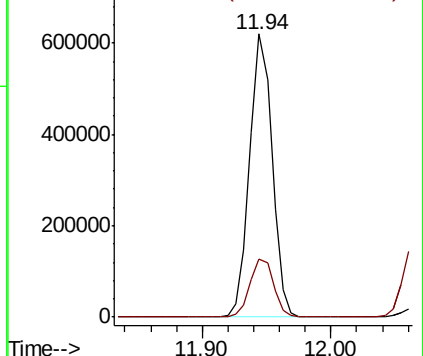
Manual Integrations
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 19.658 ug/l

RT: 12.07 min Scan# 1790

Delta R.T. 0.00 min

Lab File: VX006233.D

Acq: 30 Nov 2018 16:29

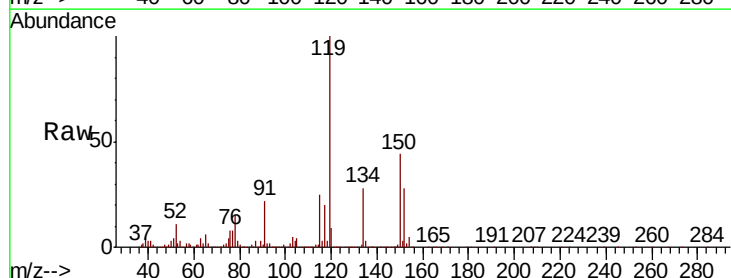
Tgt Ion:119 Resp: 668373

Ion Ratio Lower Upper

119 100

134 27.8 13.9 41.6

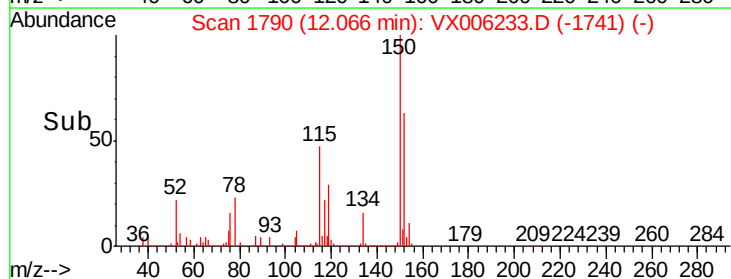
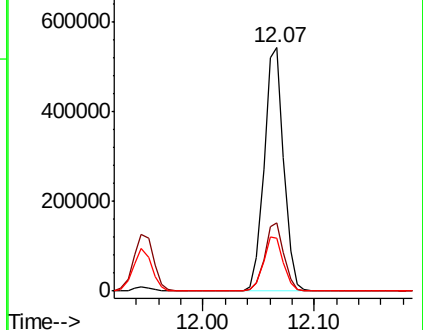
91 22.4 11.3 33.8

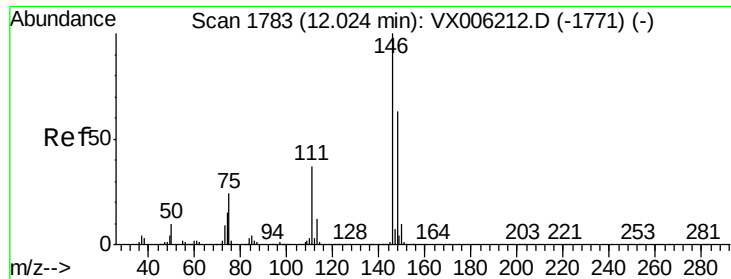


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0





#87

1,3-Dichlorobenzene

Concen: 19.825 ug/l

RT: 12.02 min Scan# 1783

Delta R.T. 0.00 min

Lab File: VX006233.D

Acq: 30 Nov 2018 16:29

Instrument :

MSVOA_X

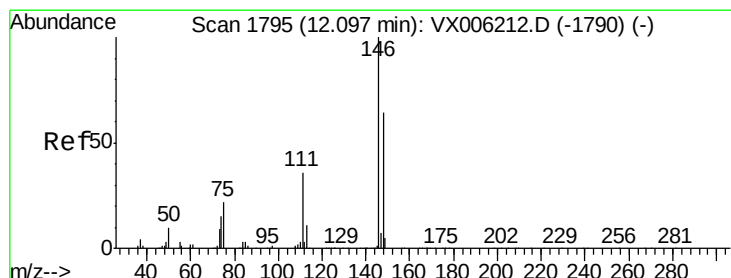
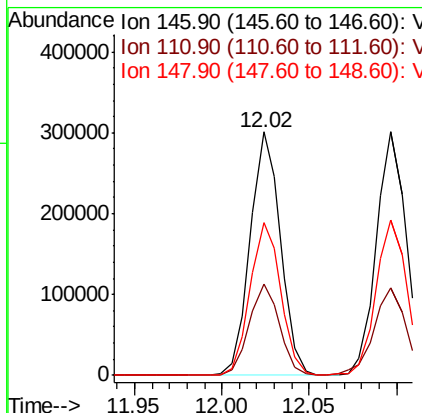
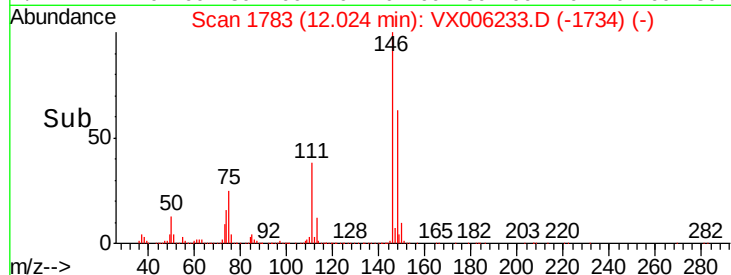
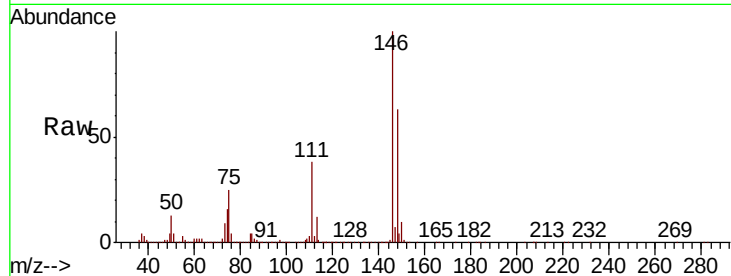
ClientSampleId :

VX1130WBSD01

Tot Ion:	146	Resp:	365992
Ion Ratio	Lower	Upper	
146	100		
111	37.3	18.4	55.2
148	63.4	32.0	96.0

Manual Integrations
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#88

1,4-Dichlorobenzene

Concen: 19.113 ug/l

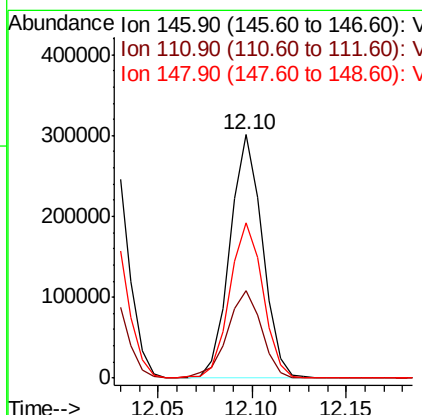
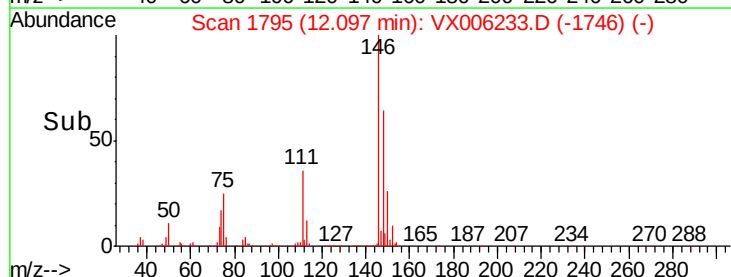
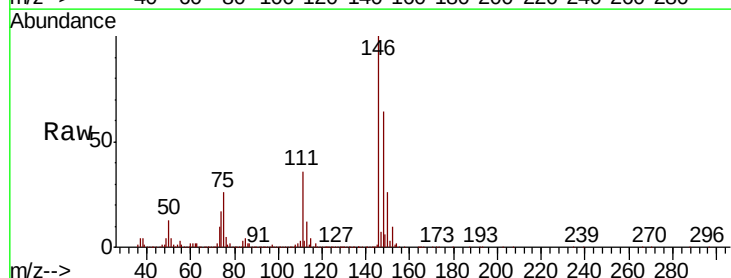
RT: 12.10 min Scan# 1795

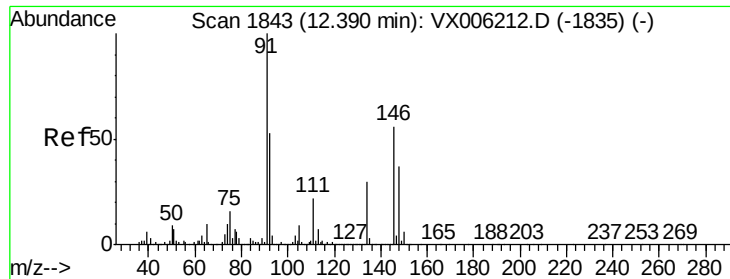
Delta R.T. -0.00 min

Lab File: VX006233.D

Acq: 30 Nov 2018 16:29

Tgt Ion:	146	Resp:	358133
Ion Ratio	Lower	Upper	
146	100		
111	38.1	18.3	54.8
148	65.7	31.9	95.9





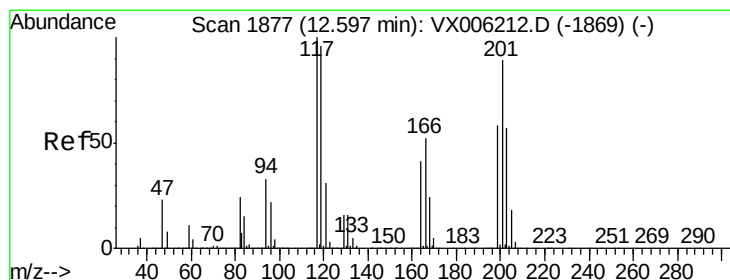
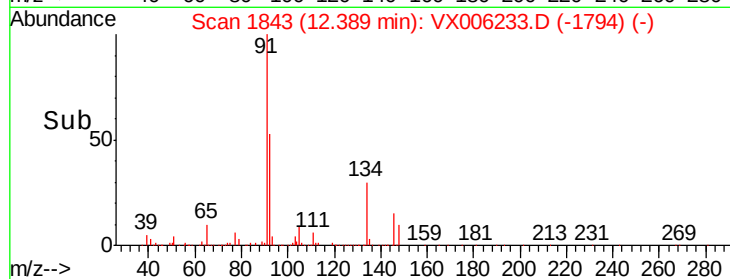
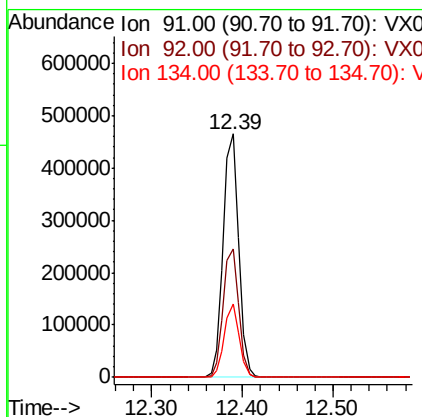
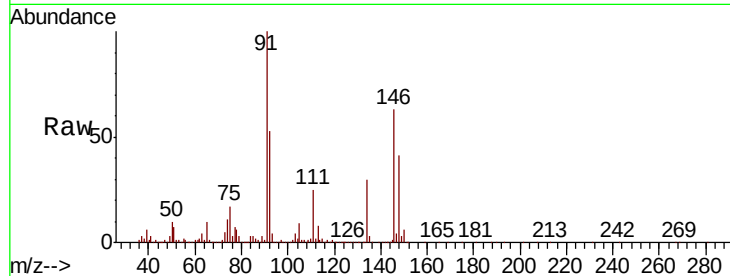
#89
n-Butylbenzene
Concen: 19.135 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. -0.00 min
Lab File: VX006233.D
Acq: 30 Nov 2018 16:29

Instrument :
MSVOA_X
ClientSampleId :
VX1130WBSD01

Tot Ion	Ratio	Lower	Upper
91	100		
92	52.8	26.6	79.8
134	29.2	14.8	44.3

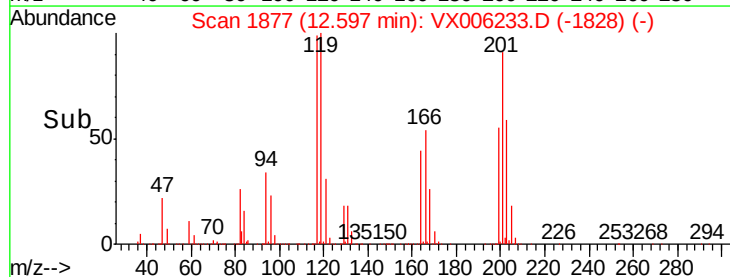
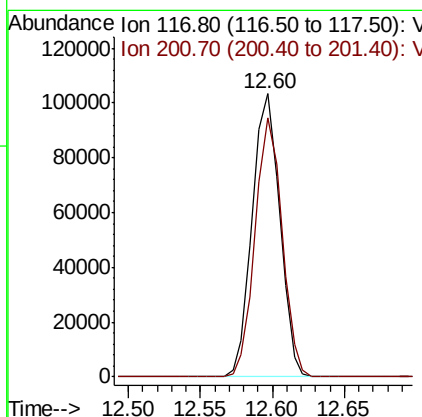
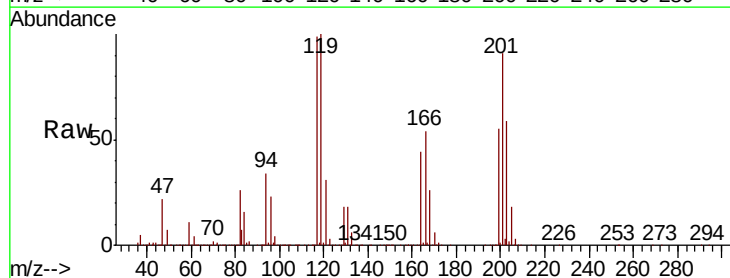
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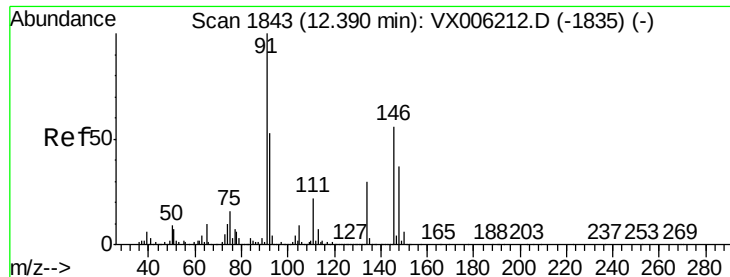
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#90
Hexachloroethane
Concen: 19.705 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. 0.00 min
Lab File: VX006233.D
Acq: 30 Nov 2018 16:29

Tgt Ion	Ratio	Lower	Upper
117	100		
201	89.1	44.7	134.1





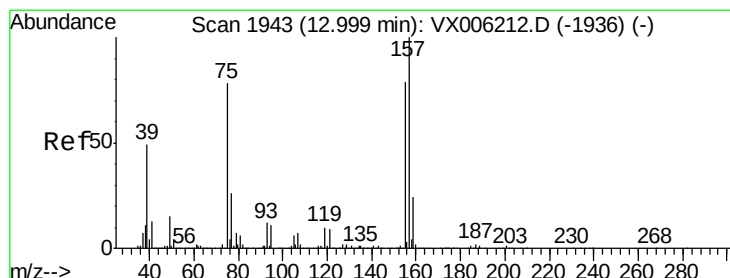
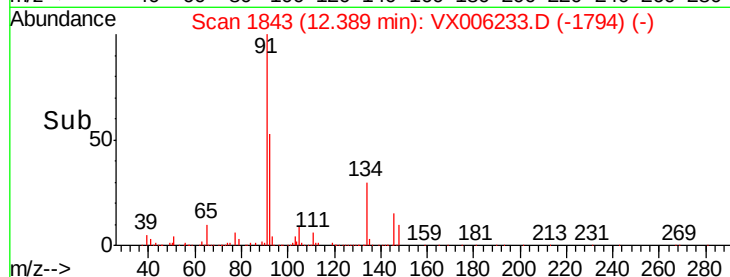
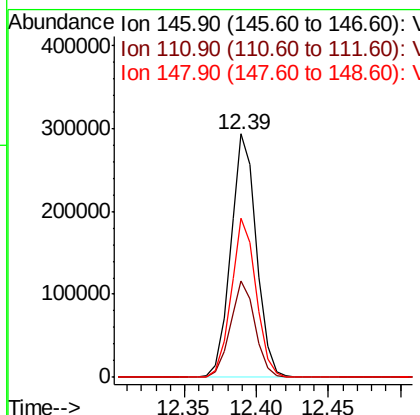
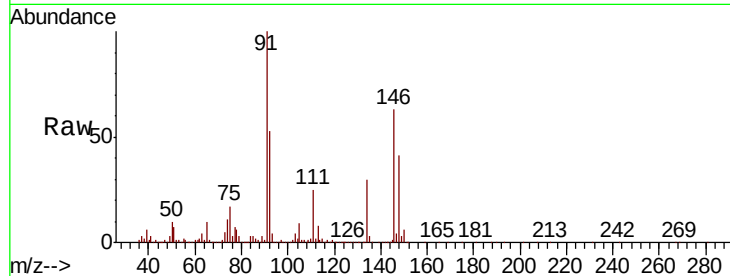
#91
 1,2-Dichlorobenzene
 Concen: 19.922 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. -0.00 min
 Lab File: VX006233.D
 Acq: 30 Nov 2018 16:29

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1130WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
146	100	365023		
111	38.1	19.1	57.3	
148	63.6	32.1	96.3	

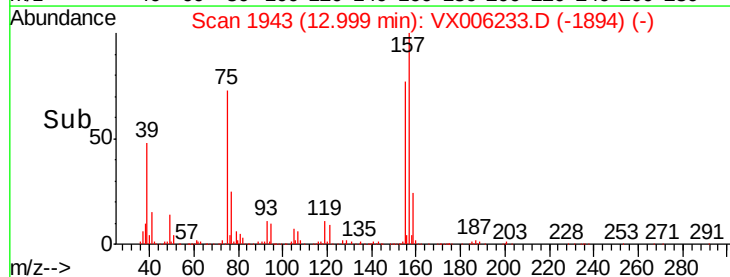
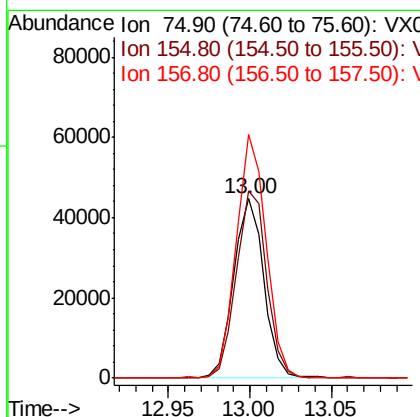
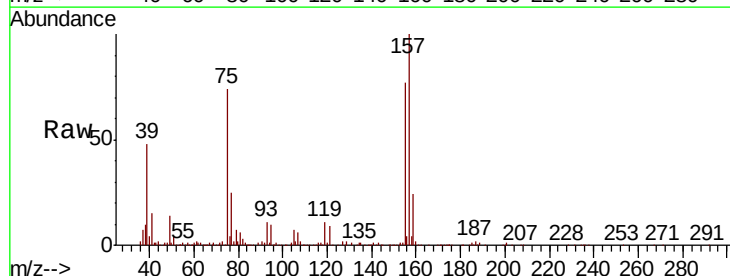
Manual Integrations
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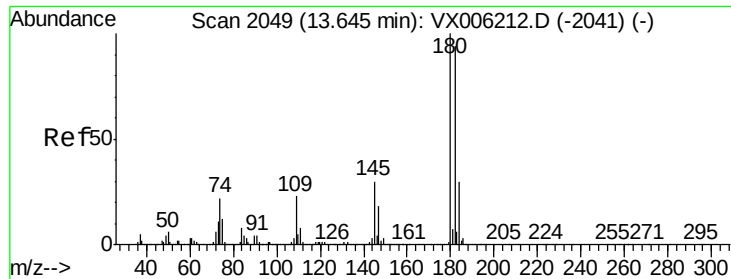
MMDadoda
 12/3/2018 11:59:39 AM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 18.539 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VX006233.D
 Acq: 30 Nov 2018 16:29

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	56841		
155	107.5	53.4	160.3	
157	136.9	68.0	203.8	





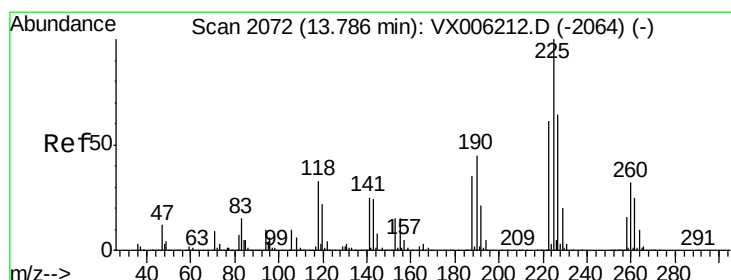
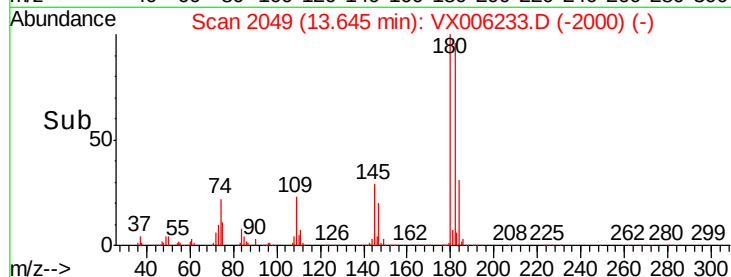
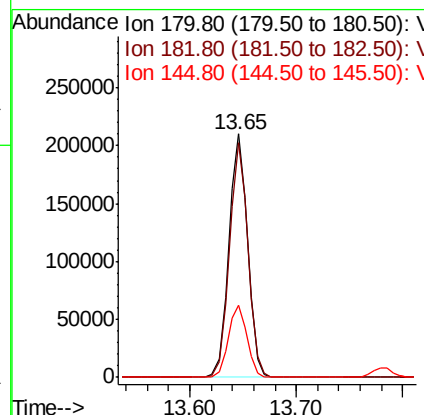
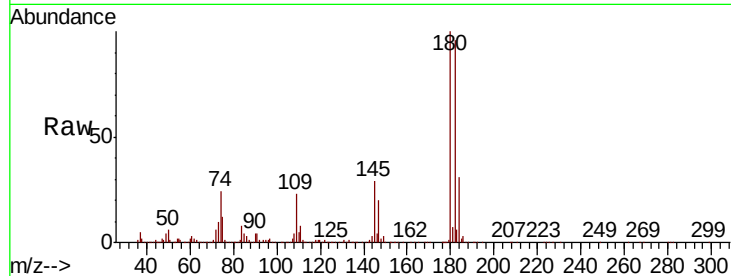
#93
 1,2,4-Trichlorobenzene
 Concen: 19.311 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. 0.00 min
 Lab File: VX006233.D
 Acq: 30 Nov 2018 16:29

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1130WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
180	100	258137		
182	95.5	47.3	141.9	
145	29.6	14.6	43.8	

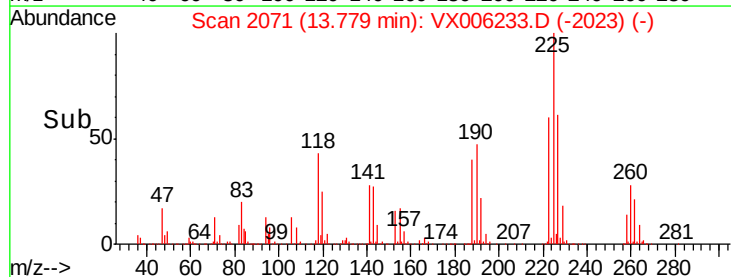
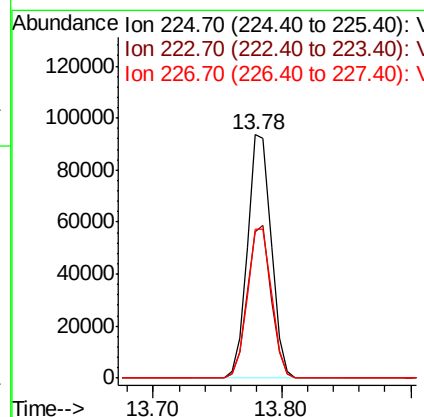
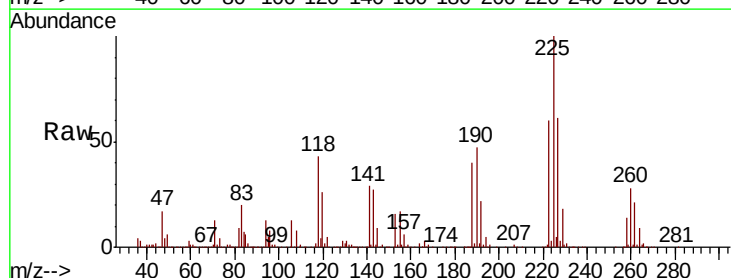
Manual Integrations
 APPROVED

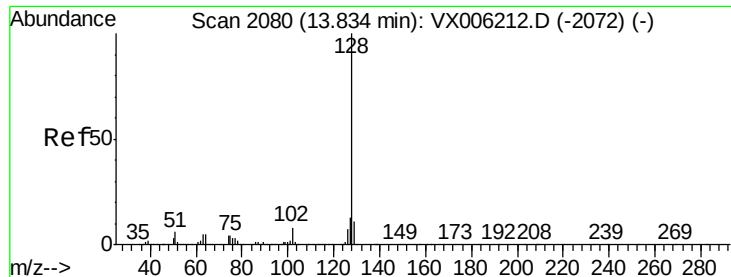
MMDadoda
 12/3/2018 11:59:39 AM



#94
 Hexachlorobutadiene
 Concen: 20.038 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. -0.01 min
 Lab File: VX006233.D
 Acq: 30 Nov 2018 16:29

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	118459		
223	62.2	31.2	93.6	
227	62.7	31.9	95.5	





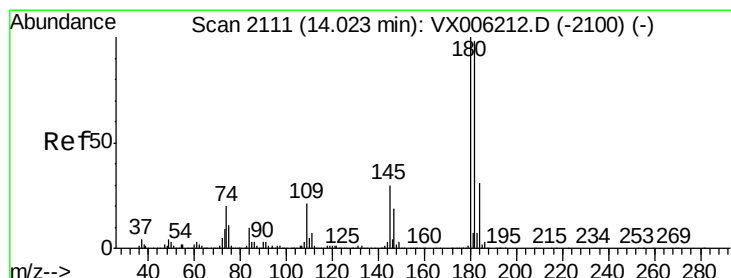
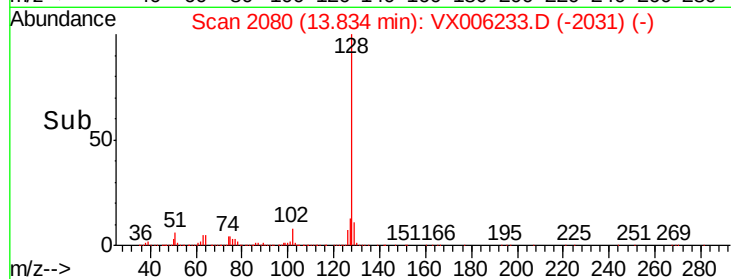
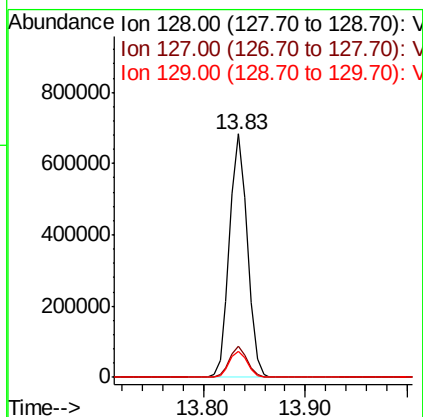
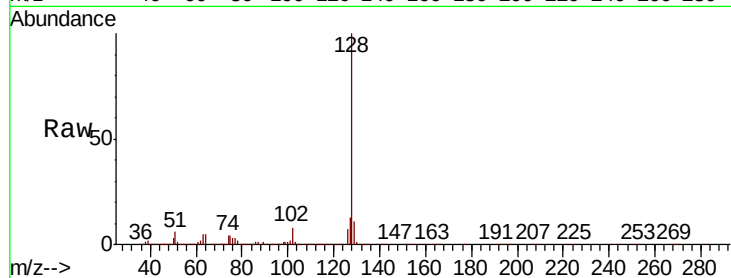
#95
Naphthalene
Concen: 19.738 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VX006233.D
Acq: 30 Nov 2018 16:29

Instrument :
MSVOA_X
ClientSampleId :
VX1130WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
128	100	820727		
127	12.8		10.2	15.4
129	10.9		8.9	13.3

Manual Integrations
APPROVED

MMDadoda
12/3/2018 11:59:39 AM



#96
1,2,3-Trichlorobenzene
Concen: 19.522 ug/l
RT: 14.02 min Scan# 2111
Delta R.T. -0.00 min
Lab File: VX006233.D
Acq: 30 Nov 2018 16:29

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	258468		
182	96.1		48.4	145.2
145	31.0		15.6	46.8

