

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX022519\
 Data File : VX007682.D
 Acq On : 25 Feb 2019 19:00
 Operator : JC/SP
 Sample : VX0225WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0225WBSD01

Manual Integrations
 APPROVED

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 2/26/2019 2:58:03 PM

Quant Time: Feb 26 04:40:23 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X022519W.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 26 01:53:13 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	324486	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	519115	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	471755	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	219735	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	194211	48.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.64%	
35) Dibromofluoromethane	5.50	113	175371	50.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.08%	
50) Toluene-d8	8.71	98	644446	48.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.02%	
62) 4-Bromofluorobenzene	11.13	95	219744	45.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.14%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	56917	19.041	ug/l	98
3) Chloromethane	1.33	50	64219	19.387	ug/l	95
4) Vinyl Chloride	1.41	62	65616	19.308	ug/l	99
5) Bromomethane	1.64	94	44106	19.661	ug/l	96
6) Chloroethane	1.72	64	42285	19.476	ug/l	97
7) Trichlorofluoromethane	1.93	101	101111	19.408	ug/l	99
8) Diethyl Ether	2.19	74	40121	18.765	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.39	101	56524	17.951	ug/l	92
10) Methyl Iodide	2.51	142	76570	19.529	ug/l	97
11) Tert butyl alcohol	3.07	59	74652	97.890	ug/l	97
12) 1,1-Dichloroethene	2.38	96	55922	19.702	ug/l	99
13) Acrolein	2.29	56	53861	79.480	ug/l	99
14) Allyl chloride	2.73	41	96250	18.340	ug/l	96
15) Acrylonitrile	3.15	53	175894	98.010	ug/l	98
16) Acetone	2.45	43	155989	87.271	ug/l	99
17) Carbon Disulfide	2.57	76	147100	18.628	ug/l	97
18) Methyl Acetate	2.78	43	79809	20.462	ug/l	99
19) Methyl tert-butyl Ether	3.20	73	193544	19.581	ug/l	98
20) Methylene Chloride	2.86	84	62406	18.908	ug/l	97
21) trans-1,2-Dichloroethene	3.17	96	60157	19.496	ug/l	97
22) Diisopropyl ether	3.87	45	208675	19.100	ug/l	93
23) Vinyl Acetate	3.82	43	882243	92.042	ug/l	99
24) 1,1-Dichloroethane	3.70	63	118134	19.896	ug/l	99
25) 2-Butanone	4.70	43	253153	92.979	ug/l	98
26) 2,2-Dichloropropane	4.58	77	75250	15.877	ug/l	96
27) cis-1,2-Dichloroethene	4.60	96	76637	19.519	ug/l	98
28) Bromochloromethane	5.02	49	52548	18.179	ug/l	99
29) Tetrahydrofuran	5.15	42	169133	94.239	ug/l	99
30) Chloroform	5.21	83	121378	19.084	ug/l	99
31) Cyclohexane	5.57	56	100017	17.908	ug/l	97
32) 1,1,1-Trichloroethane	5.50	97	100879	19.179	ug/l	98
36) 1,1-Dichloropropene	5.80	75	86405	18.514	ug/l	99
37) Ethyl Acetate	4.85	43	96577	18.629	ug/l	97
38) Carbon Tetrachloride	5.78	117	88517	18.881	ug/l	97

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 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X022519W.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 26 01:53:13 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	98433	16.688	ug/l	99
40) Benzene	6.14	78	279455	19.397	ug/l	98
41) Methacrylonitrile	5.06	41	51456	18.587	ug/l	97
42) 1,2-Dichloroethane	6.20	62	92503	19.103	ug/l	98
43) Isopropyl Acetate	6.46	43	146385	18.346	ug/l	98
44) Trichloroethene	7.21	130	79164	19.975	ug/l	96
45) 1,2-Dichloropropane	7.52	63	69605	18.651	ug/l	97
46) Dibromomethane	7.66	93	48938	18.797	ug/l	93
47) Bromodichloromethane	7.90	83	82628	18.314	ug/l	97
48) Methyl methacrylate	7.77	41	76061	18.186	ug/l	99
49) 1,4-Dioxane	7.75	88	34719	384.343	ug/l	99
51) 4-Methyl-2-Pentanone	8.65	43	501738	93.942	ug/l	99
52) Toluene	8.78	92	175672	19.337	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	86685	17.391	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	99596	18.190	ug/l	97
55) 1,1,2-Trichloroethane	9.21	97	73543	19.413	ug/l	98
56) Ethyl methacrylate	9.18	69	102420	19.011	ug/l	96
57) 1,3-Dichloropropane	9.37	76	117421	19.363	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.31	63	285230	96.009	ug/l	99
59) 2-Hexanone	9.49	43	377922	90.129	ug/l	99
60) Dibromochloromethane	9.58	129	70152	19.244	ug/l	98
61) 1,2-Dibromoethane	9.67	107	76251	19.386	ug/l	98
64) Tetrachloroethene	9.34	164	74698	19.505	ug/l	93
65) Chlorobenzene	10.14	112	193666	18.981	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	65699	18.460	ug/l	95
67) Ethyl Benzene	10.25	91	313542	18.551	ug/l	99
68) m/p-Xylenes	10.36	106	247086	37.577	ug/l	100
69) o-Xylene	10.70	106	119263	18.857	ug/l	99
70) Styrene	10.71	104	191468	18.417	ug/l	99
71) Bromoform	10.85	173	46654	17.481	ug/l #	100
73) Isopropylbenzene	11.02	105	313478	19.961	ug/l	99
74) N-amyl acetate	10.90	43	127763	18.734	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	105778	19.474	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	102196m	21.819	ug/l	
77) Bromobenzene	11.26	156	83125	21.103	ug/l	94
78) n-propylbenzene	11.36	91	349425	19.690	ug/l	99
79) 2-Chlorotoluene	11.42	91	211012	19.747	ug/l	97
80) 1,3,5-Trimethylbenzene	11.51	105	253525	19.626	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	27259	17.666	ug/l	96
82) 4-Chlorotoluene	11.51	91	238636	19.090	ug/l	98
83) tert-Butylbenzene	11.77	119	242156	19.524	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	264333	20.004	ug/l	99
85) sec-Butylbenzene	11.94	105	299682	19.282	ug/l	99
86) p-Isopropyltoluene	12.06	119	261505	19.212	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	142713	19.532	ug/l	98
88) 1,4-Dichlorobenzene	12.10	146	142195	19.002	ug/l	98
89) n-Butylbenzene	12.38	91	219534	18.085	ug/l	98
90) Hexachloroethane	12.60	117	42963	18.733	ug/l	85
91) 1,2-Dichlorobenzene	12.39	146	142726	19.523	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	13.00	75	21068	17.801	ug/l	91

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ALS Vial : 22 Sample Multiplier: 1

Instrument :
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ClientSampleId :
VX0225WBSD01

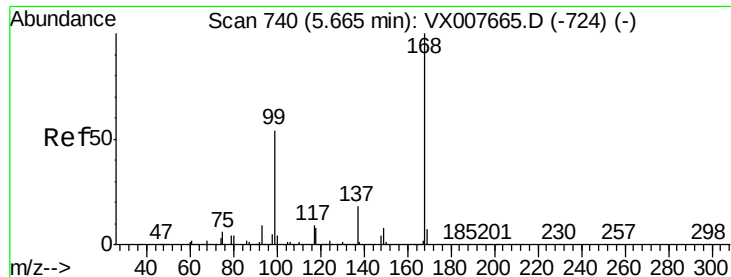
Manual Integrations
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X022519W.M
Quant Title : SW846 8260
QLast Update : Tue Feb 26 01:53:13 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	85682	19.200	ug/l	98
94) Hexachlorobutadiene	13.78	225	36499	17.879	ug/l	96
95) Naphthalene	13.83	128	291062	20.132	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	88631	19.780	ug/l	97

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.00 min

Lab File: VX007682.D

Acq: 25 Feb 2019 19:00

Instrument :

MSVOA_X

ClientSampleId :

VX0225WBSD01

Tot Ion:168 Resp: 324486

Ion Ratio Lower Upper

168 100

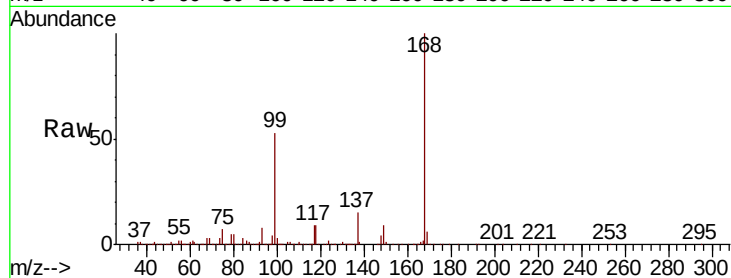
99 53.1 37.9 56.9

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

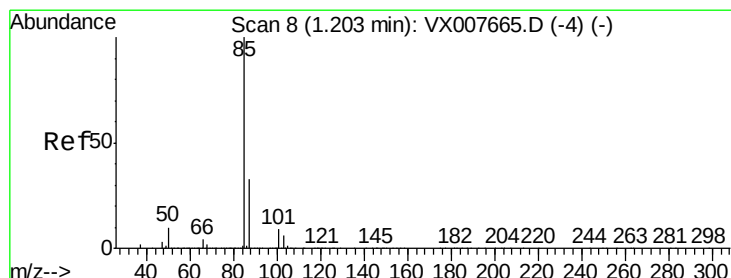
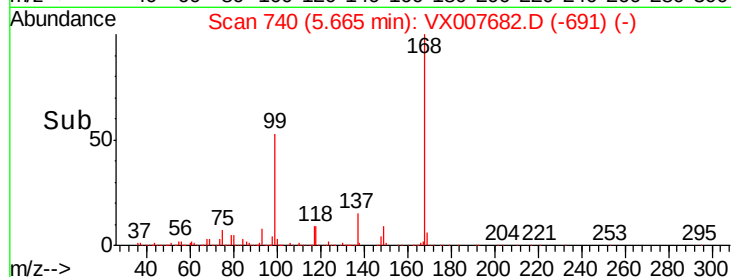
5.67

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 19.041 ug/l

RT: 1.20 min Scan# 8

Delta R.T. 0.00 min

Lab File: VX007682.D

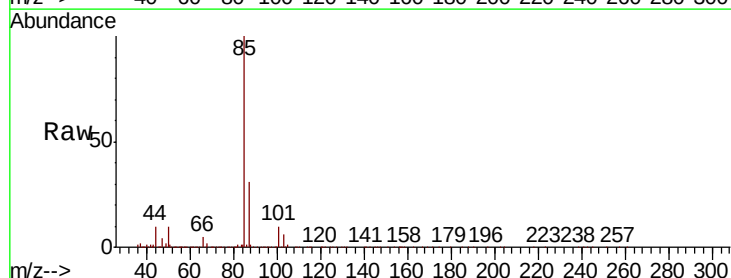
Acq: 25 Feb 2019 19:00

Tgt Ion: 85 Resp: 56917

Ion Ratio Lower Upper

85 100

87 30.5 15.8 47.4



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

60000

50000

40000

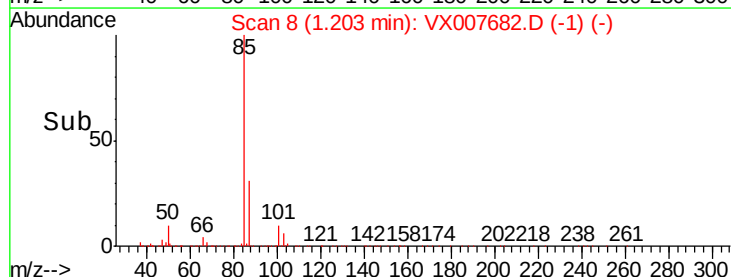
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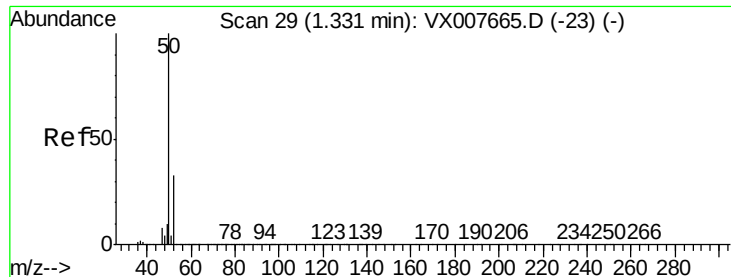
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Time-->





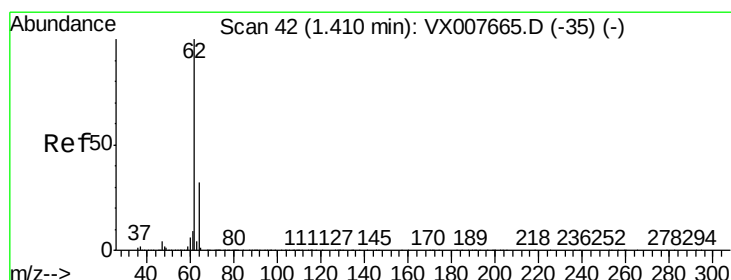
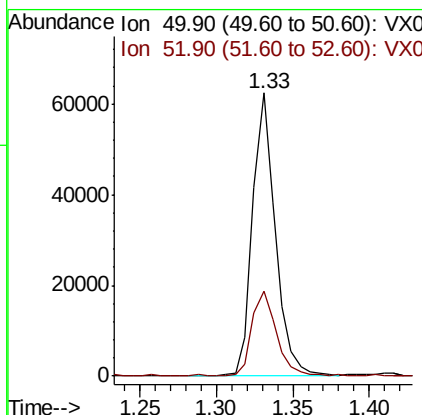
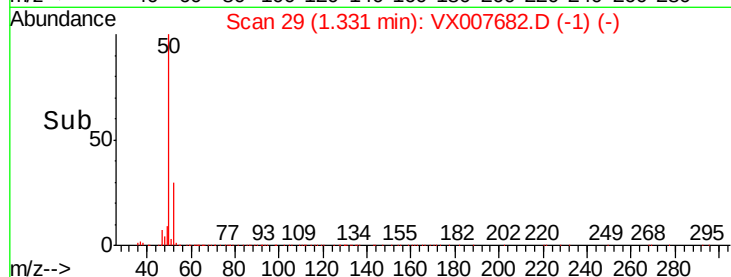
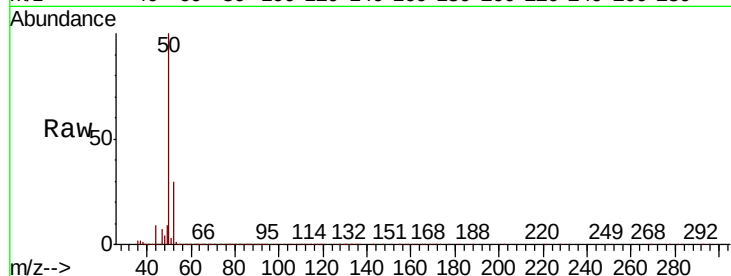
#3
Chloromethane
Concen: 19.387 ug/l
RT: 1.33 min Scan# 29
Delta R.T. 0.00 min
Lab File: VX007682.D
Acq: 25 Feb 2019 19:00

Instrument :
MSVOA_X
ClientSampleId :
VX0225WBSD01

Tot Ion	Ratio	Lower	Upper
50	100		
52	30.0	26.1	39.1

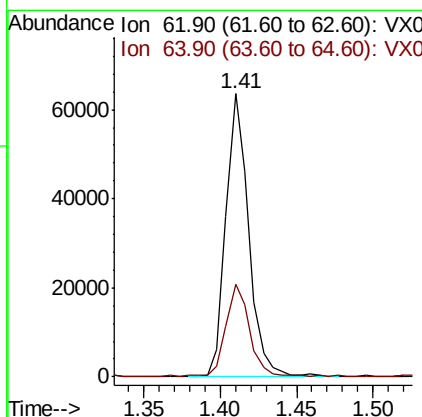
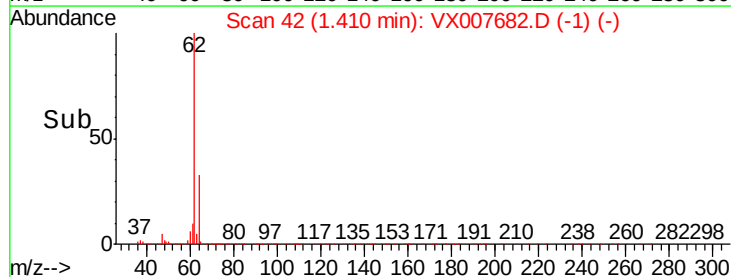
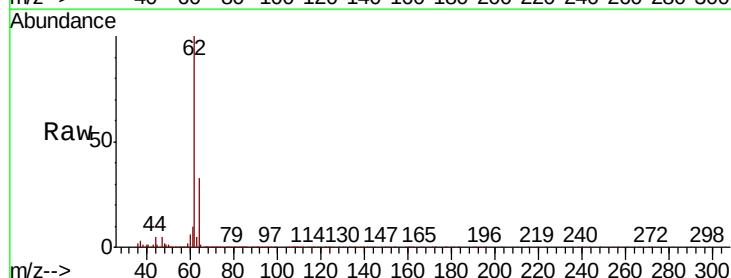
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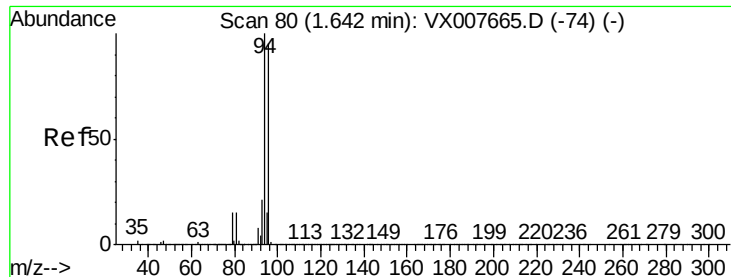
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#4
Vinyl Chloride
Concen: 19.308 ug/l
RT: 1.41 min Scan# 42
Delta R.T. 0.00 min
Lab File: VX007682.D
Acq: 25 Feb 2019 19:00

Tgt Ion	Ratio	Lower	Upper
62	100		
64	32.2	25.4	38.0





#5

Bromomethane

Concen: 19.661 ug/l

RT: 1.64 min Scan# 80

Delta R.T. 0.00 min

Lab File: VX007682.D

Acq: 25 Feb 2019 19:00

Instrument :

MSVOA_X

ClientSampleId :

VX0225WBSD01

Tot Ion: 94 Resp: 44106

Ion Ratio Lower Upper

94 100

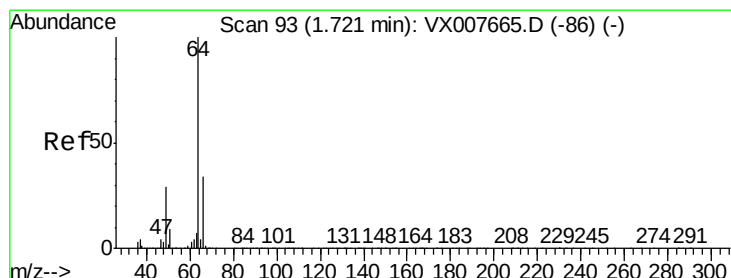
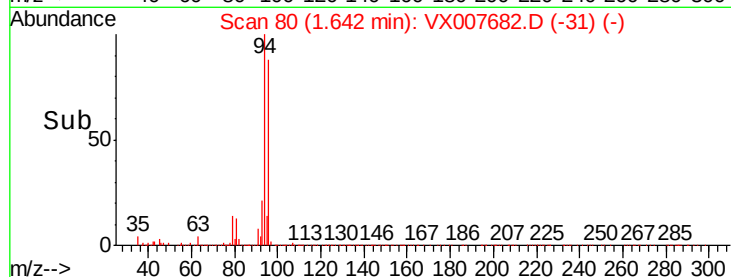
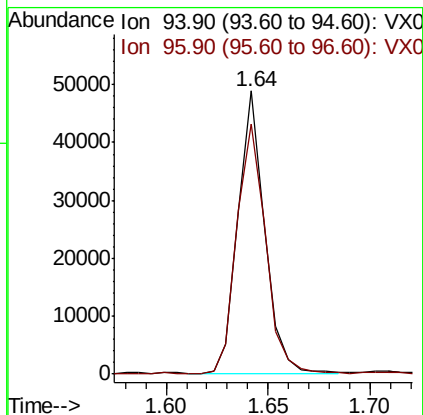
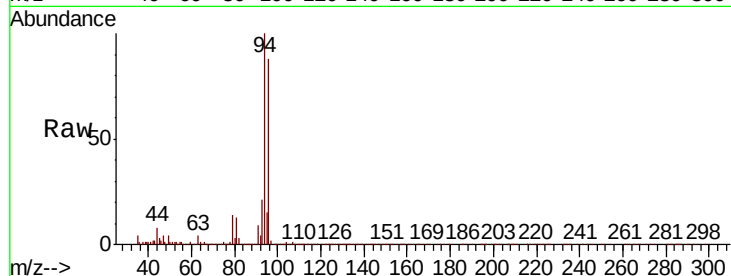
96 88.3 73.9 110.9

Manual Integrations

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#6

Chloroethane

Concen: 19.476 ug/l

RT: 1.72 min Scan# 93

Delta R.T. 0.00 min

Lab File: VX007682.D

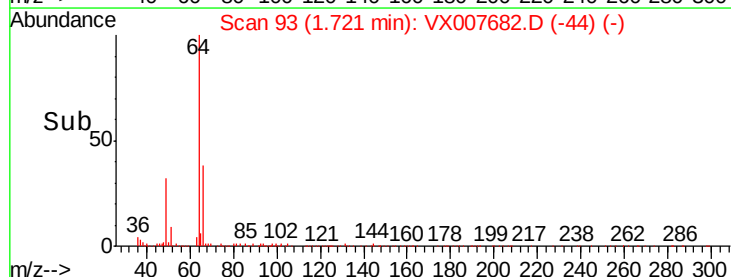
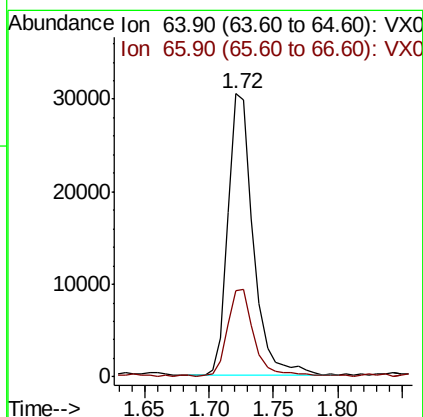
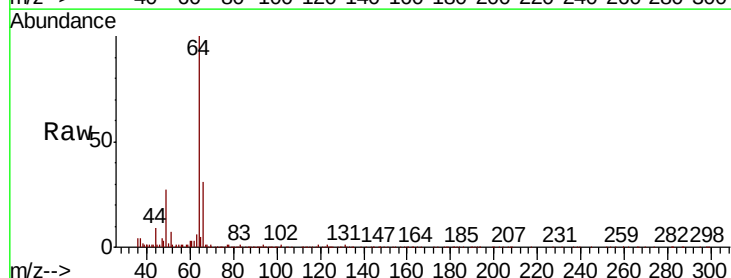
Acq: 25 Feb 2019 19:00

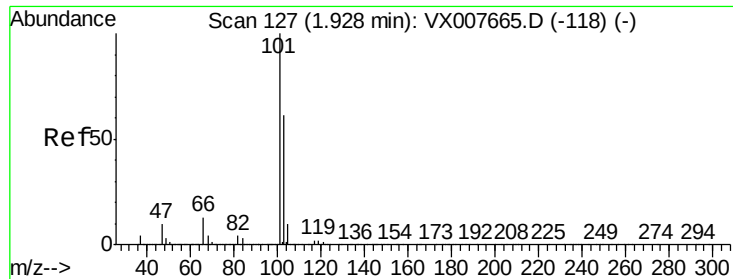
Tgt Ion: 64 Resp: 42285

Ion Ratio Lower Upper

64 100

66 30.4 25.5 38.3





#7

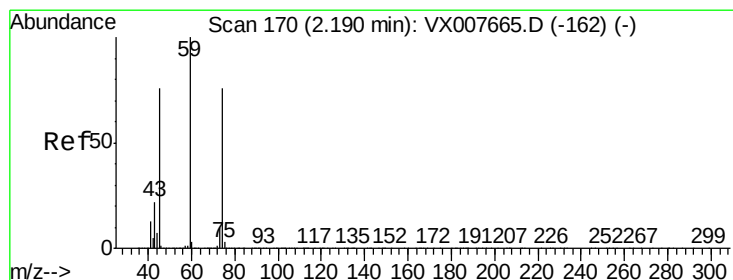
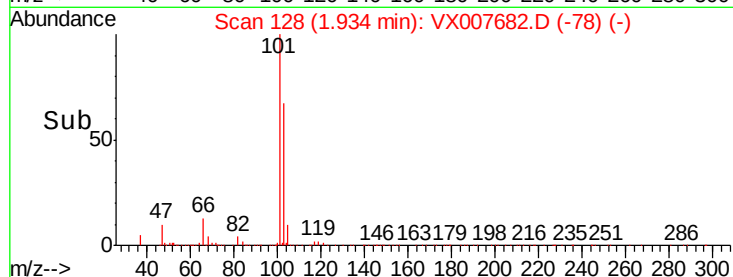
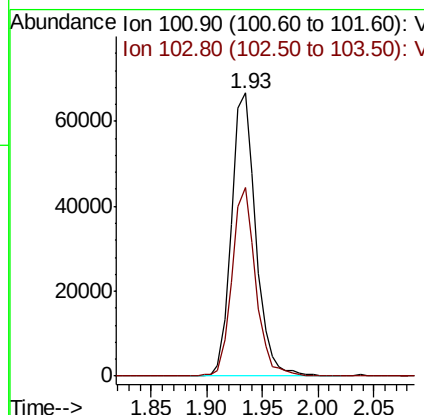
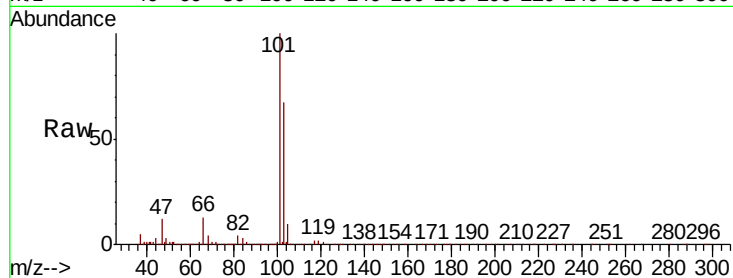
Trichlorofluoromethane
Concen: 19.408 ug/l
RT: 1.93 min Scan# 128
Delta R.T. 0.01 min
Lab File: VX007682.D
Acq: 25 Feb 2019 19:00

Instrument :
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ClientSampleId :
VX0225WBSD01

Tot Ion	Ratio	Lower	Upper
101	100		
103	66.4	52.6	79.0

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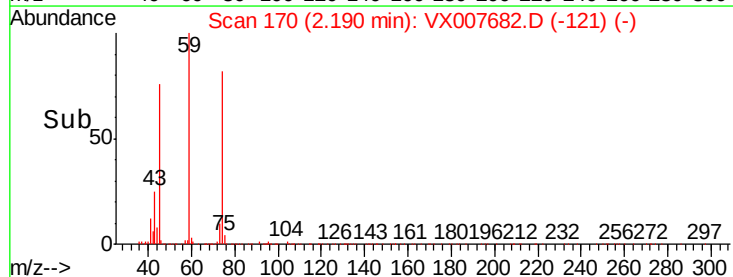
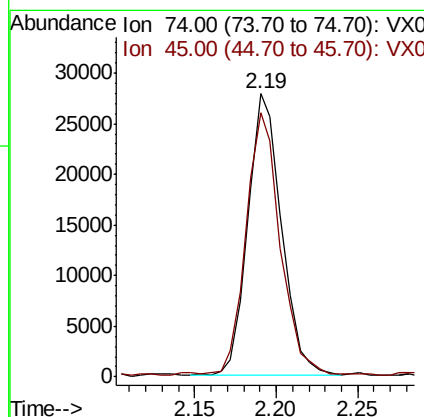
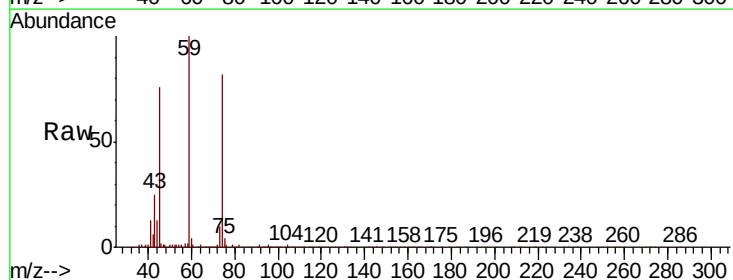
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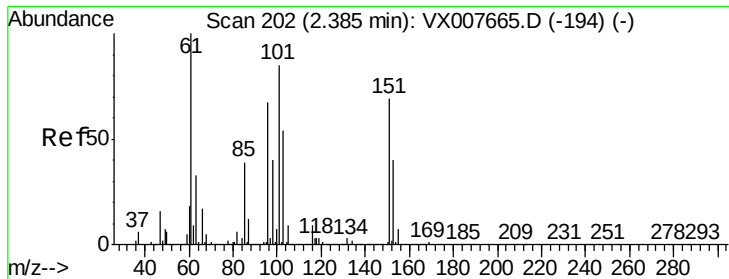


#8

Diethyl Ether
Concen: 18.765 ug/l
RT: 2.19 min Scan# 170
Delta R.T. 0.00 min
Lab File: VX007682.D
Acq: 25 Feb 2019 19:00

Tgt Ion	Ratio	Lower	Upper
74	100		
45	95.5	45.7	137.1





#9

1,1,2-Trichlorotrifluoroethane

Concen: 17.951 ug/l

RT: 2.39 min Scan# 202

Delta R.T. 0.00 min

Lab File: VX007682.D

Acq: 25 Feb 2019 19:00

Instrument :

MSVOA_X

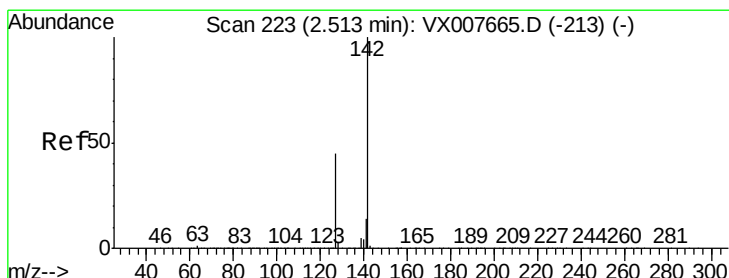
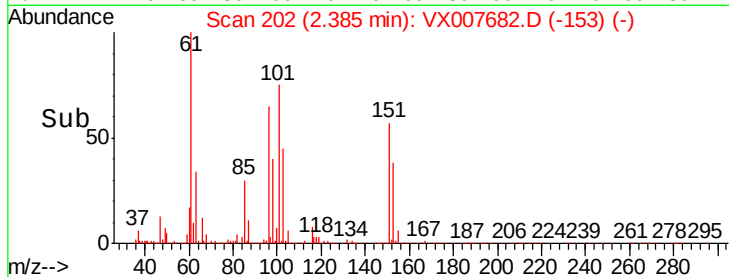
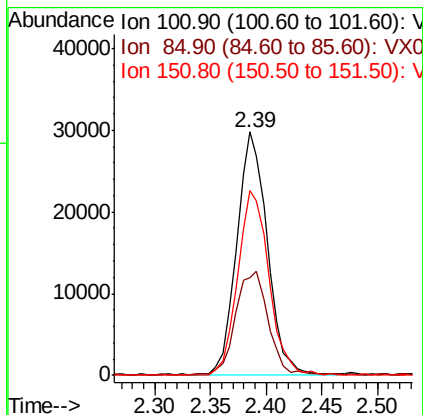
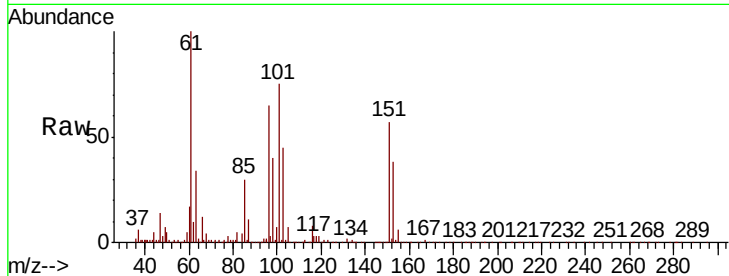
ClientSampleId :

VX0225WBSD01

Tot Ion:	101	Resp:	56524
Ion Ratio	Lower	Upper	
101	100		
85	45.3	34.1	51.1
151	78.2	69.9	104.9

Manual Integrations
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#10

Methyl Iodide

Concen: 19.529 ug/l

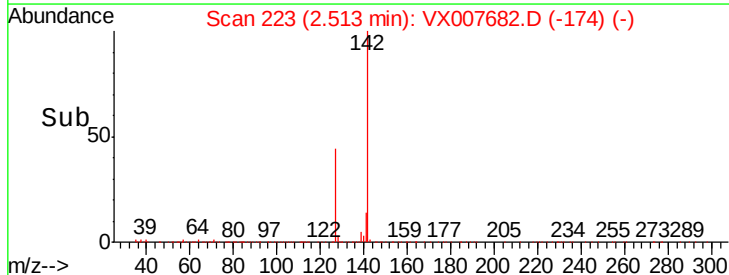
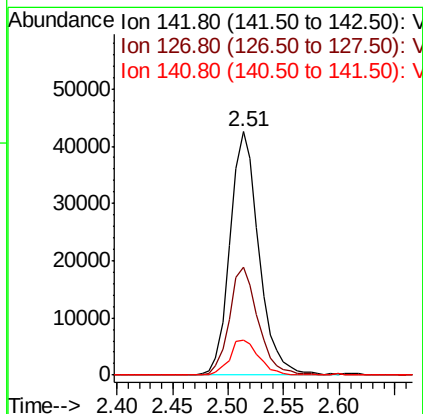
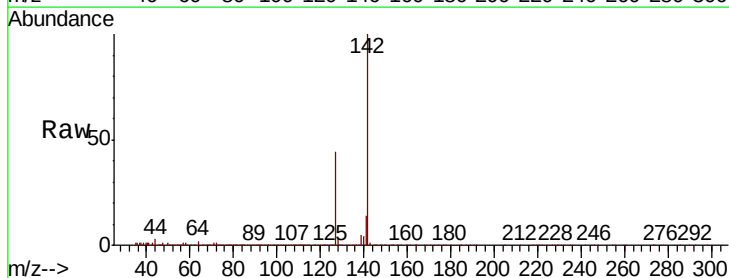
RT: 2.51 min Scan# 223

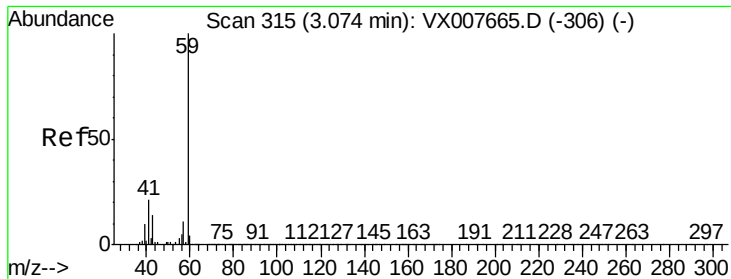
Delta R.T. 0.00 min

Lab File: VX007682.D

Acq: 25 Feb 2019 19:00

Tgt Ion:	142	Resp:	76570
Ion Ratio	Lower	Upper	
142	100		
127	44.2	33.7	50.5
141	14.8	11.3	16.9





#11

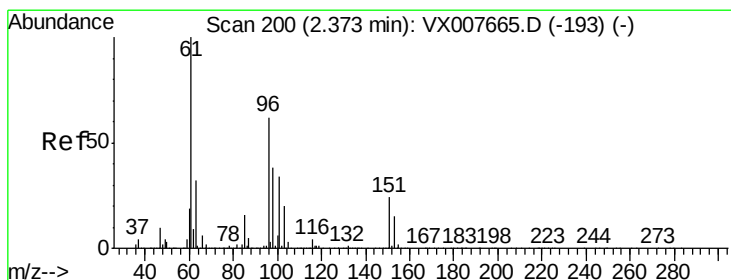
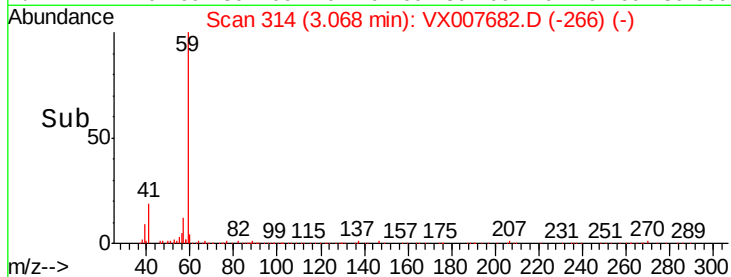
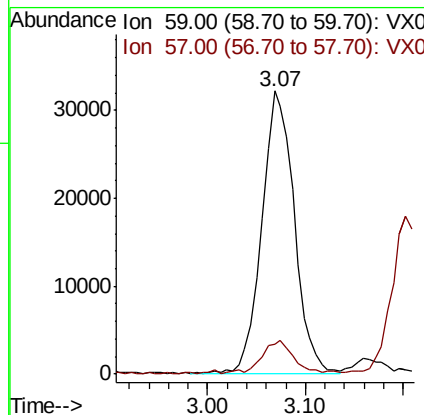
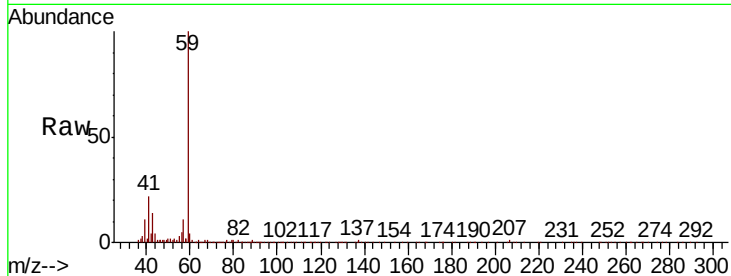
Tert butyl alcohol
Concen: 97.890 ug/l
RT: 3.07 min Scan# 314
Delta R.T. -0.01 min
Lab File: VX007682.D
Acq: 25 Feb 2019 19:00

Instrument :
MSVOA_X
ClientSampled :
VX0225WBSD01

Tot Ion	Ratio	Lower	Upper
59	100		
57	11.2	8.1	12.1

Manual Integrations
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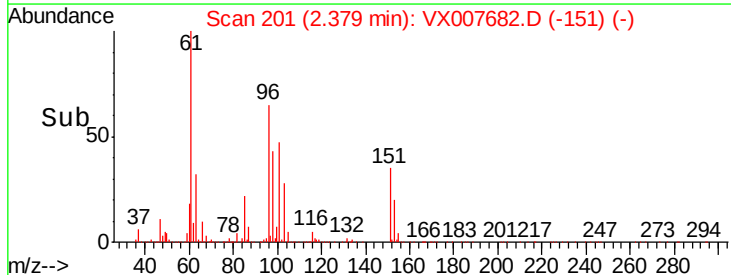
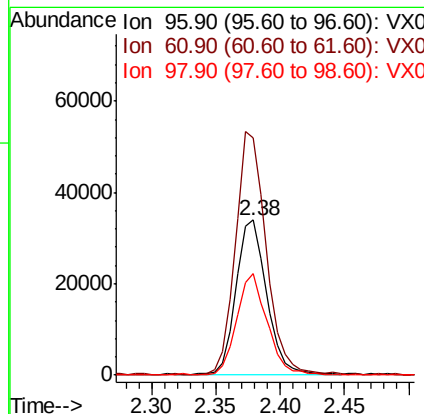
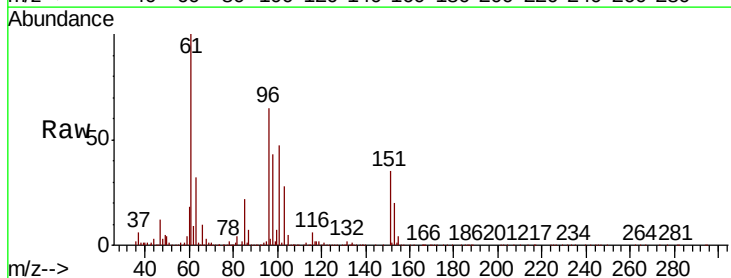
MMDadoda
2/26/2019 2:58:03 PM

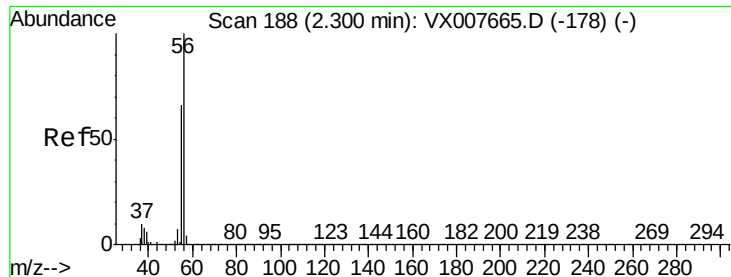


#12

1,1-Dichloroethene
Concen: 19.702 ug/l
RT: 2.38 min Scan# 201
Delta R.T. 0.01 min
Lab File: VX007682.D
Acq: 25 Feb 2019 19:00

Tgt Ion	Ratio	Lower	Upper
96	100		
61	153.7	123.0	184.4
98	65.9	50.9	76.3





#13

Acrolein

Concen: 79.480 ug/l

RT: 2.29 min Scan# 187

Delta R.T. -0.01 min

Lab File: VX007682.D

Acq: 25 Feb 2019 19:00

Instrument :

MSVOA_X

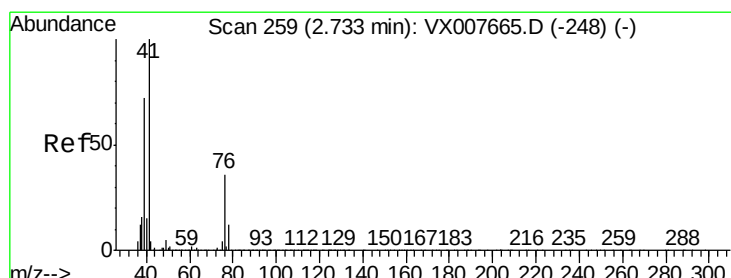
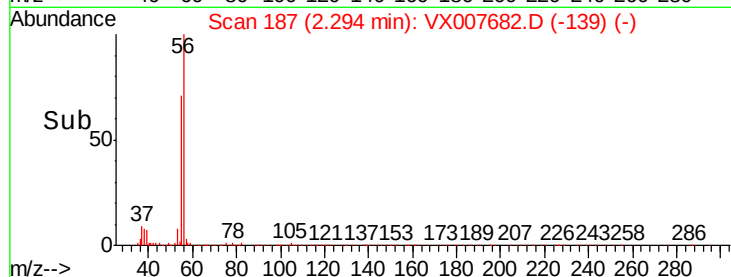
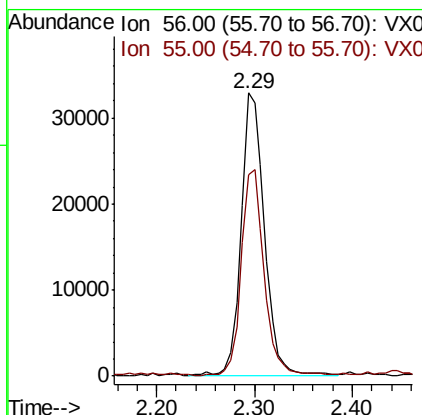
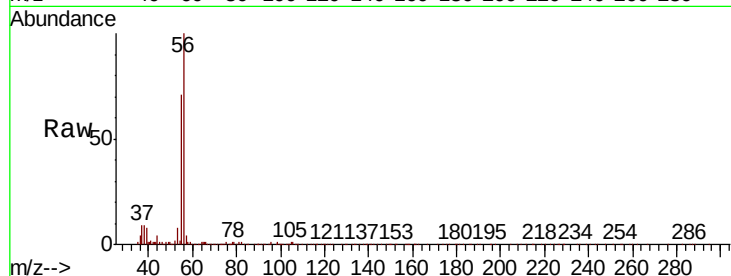
ClientSampleId :

VX0225WBSD01

Tot Ion	Ratio	Lower	Upper
56	100		
55	72.2	56.9	85.3

Manual Integrations
APPROVED

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#14

Allyl chloride

Concen: 18.340 ug/l

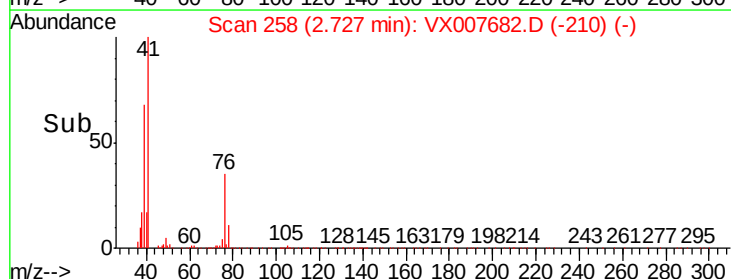
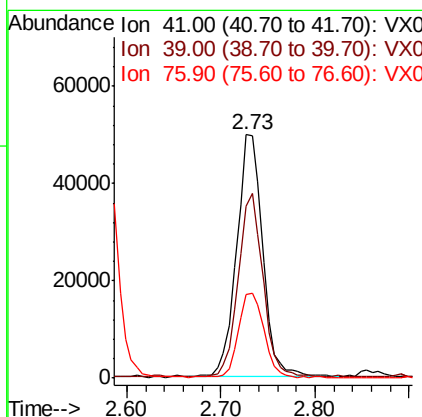
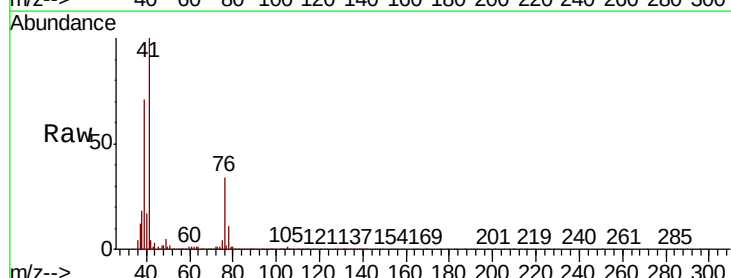
RT: 2.73 min Scan# 258

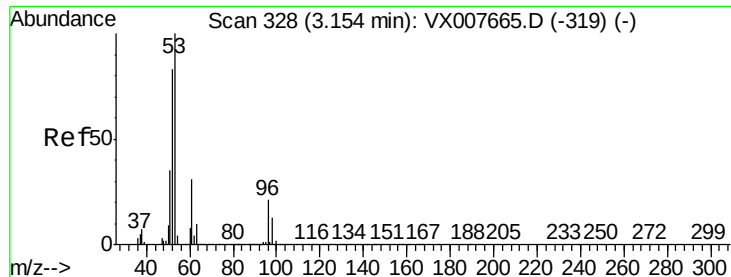
Delta R.T. -0.01 min

Lab File: VX007682.D

Acq: 25 Feb 2019 19:00

Tgt Ion	Ratio	Lower	Upper
41	100		
39	71.5	54.1	81.1
76	33.7	27.8	41.8





#15

Acrylonitrile

Concen: 98.010 ug/l

RT: 3.15 min Scan# 328

Delta R.T. 0.00 min

Lab File: VX007682.D

Acq: 25 Feb 2019 19:00

Instrument :

MSVOA_X

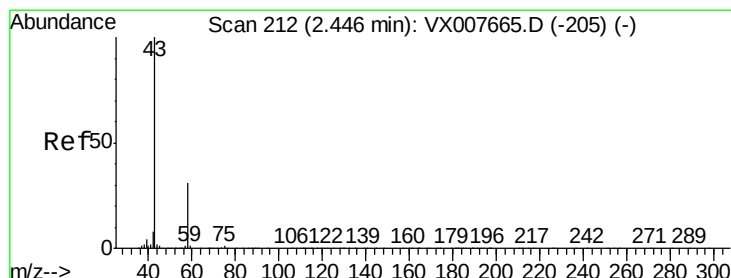
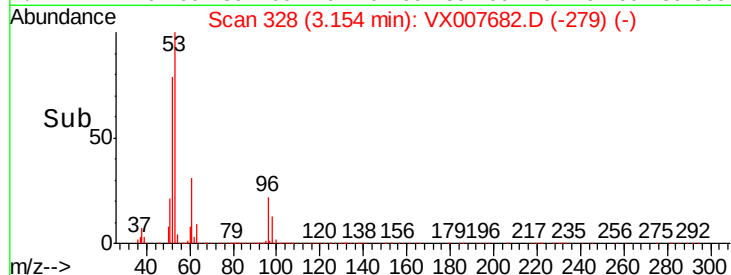
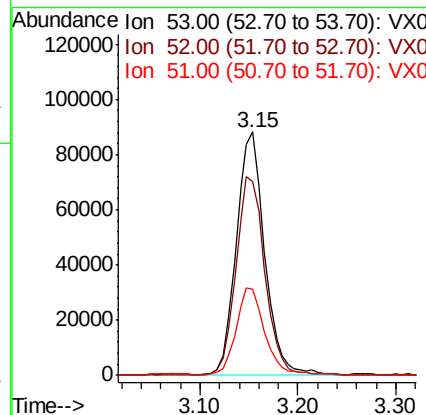
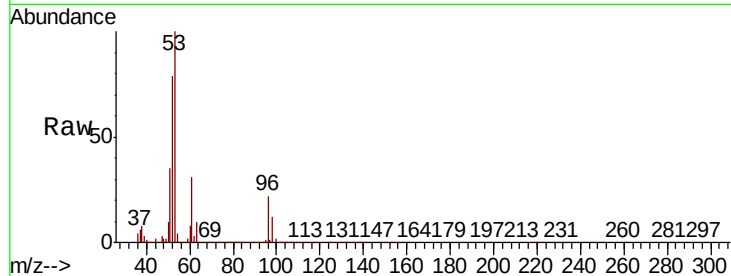
ClientSampleId :

VX0225WBSD01

Tot Ion:	53	Resp:	175894
Ion	Ratio	Lower	Upper
53	100		
52	84.5	66.4	99.6
51	37.7	28.4	42.6

Manual Integrations
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#16

Acetone

Concen: 87.271 ug/l

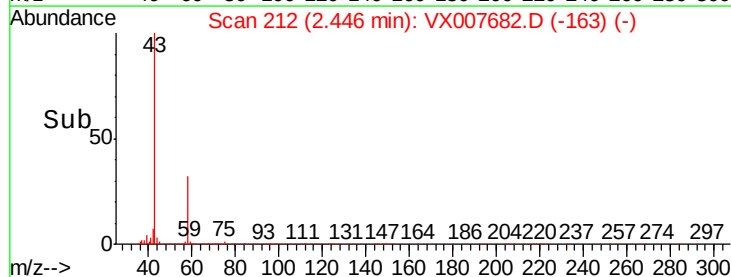
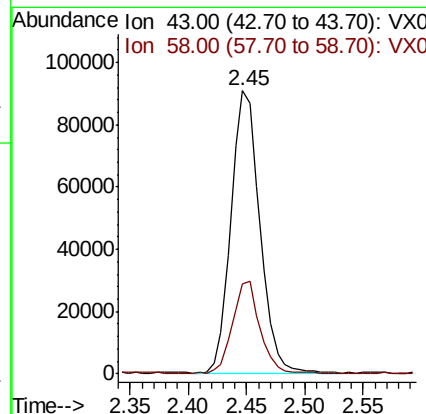
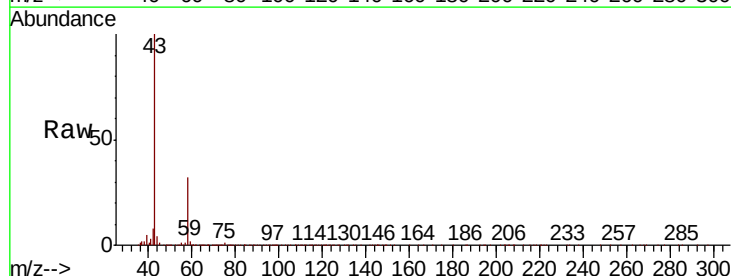
RT: 2.45 min Scan# 212

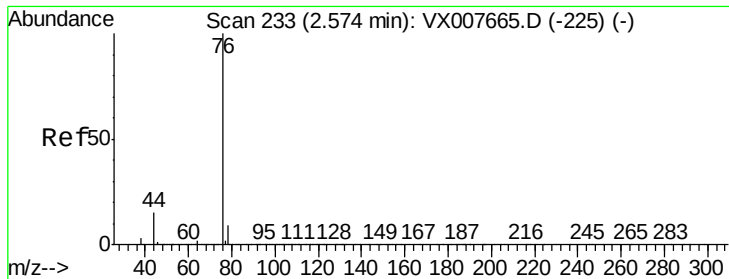
Delta R.T. 0.00 min

Lab File: VX007682.D

Acq: 25 Feb 2019 19:00

Tgt Ion:	43	Resp:	155989
Ion	Ratio	Lower	Upper
43	100		
58	31.6	24.9	37.3





#17

Carbon Disulfide

Concen: 18.628 ug/l

RT: 2.57 min Scan# 233

Delta R.T. 0.00 min

Lab File: VX007682.D

Acq: 25 Feb 2019 19:00

Instrument :

MSVOA_X

ClientSampleId :

VX0225WBSD01

Tot Ion: 76 Resp: 147100

Ion Ratio Lower Upper

76 100

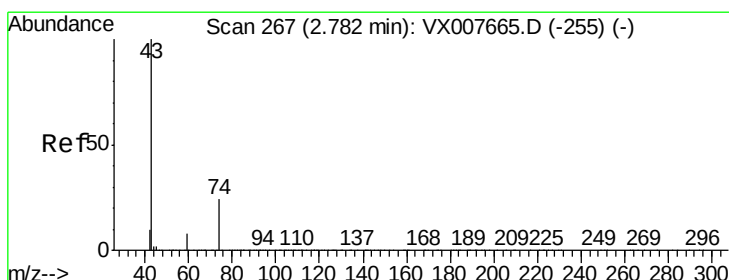
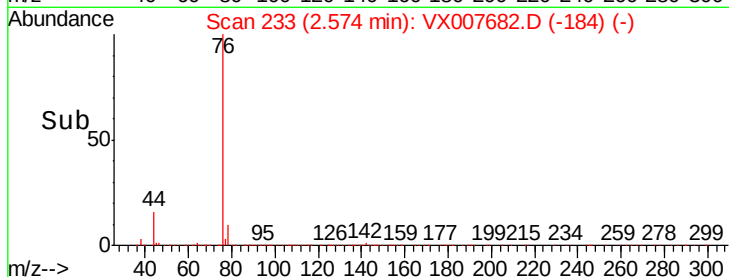
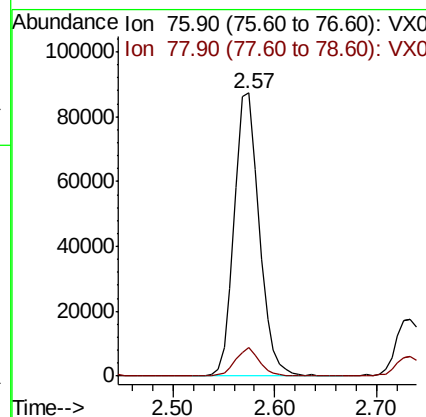
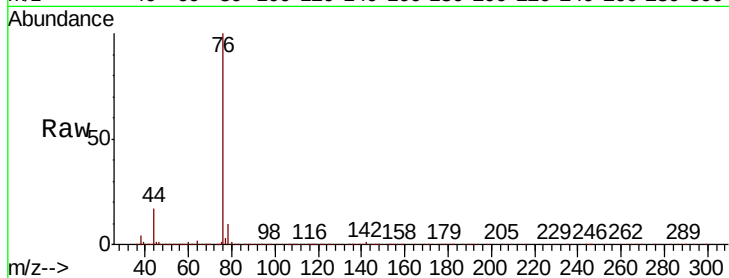
78 10.0 7.1 10.7

Manual Integrations

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#18

Methyl Acetate

Concen: 20.462 ug/l

RT: 2.78 min Scan# 267

Delta R.T. 0.00 min

Lab File: VX007682.D

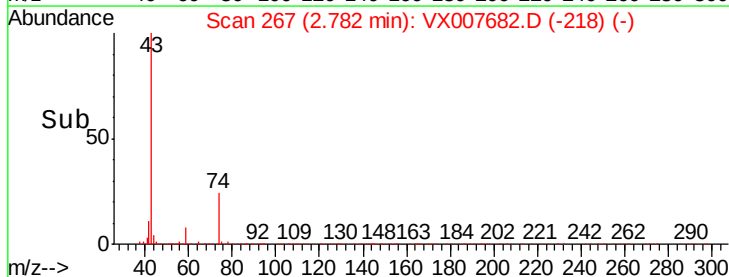
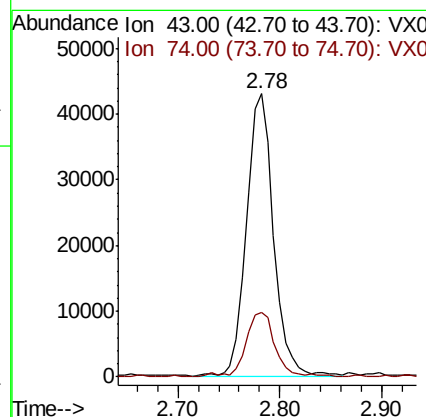
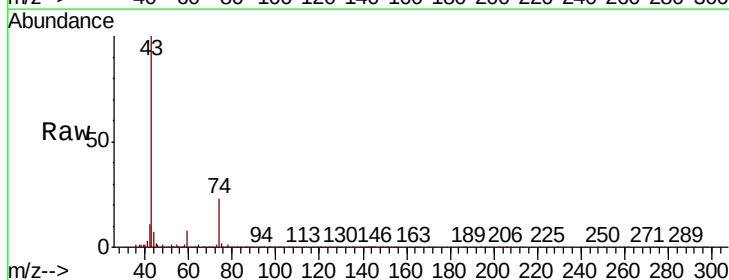
Acq: 25 Feb 2019 19:00

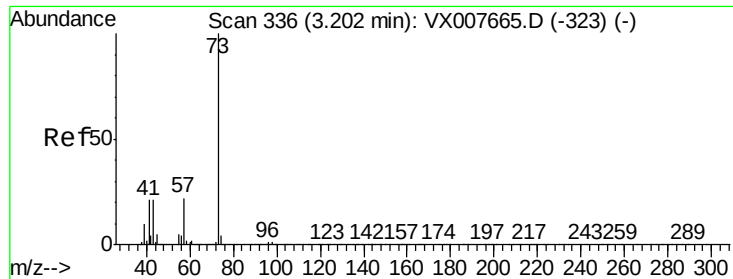
Tgt Ion: 43 Resp: 79809

Ion Ratio Lower Upper

43 100

74 23.7 19.4 29.2





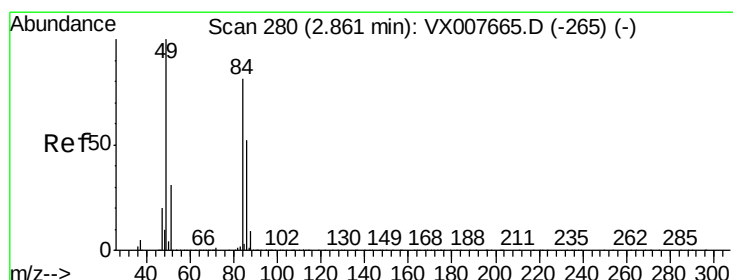
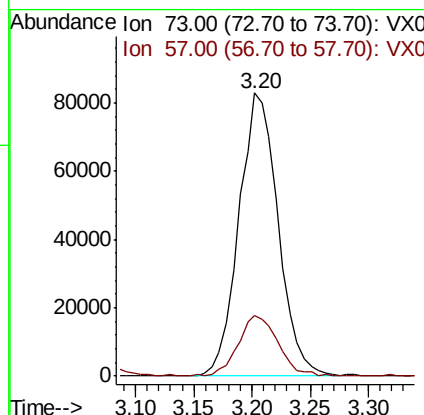
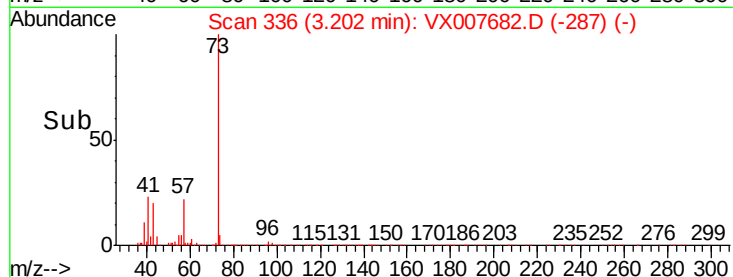
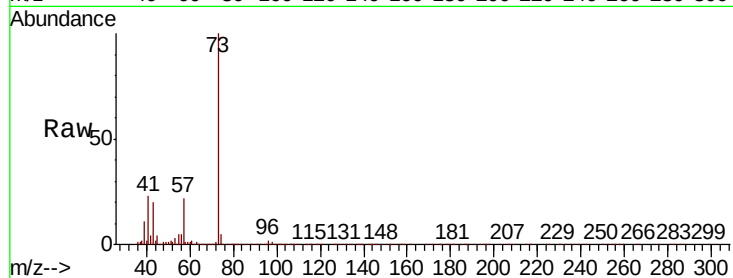
#19
Methyl tert-butyl Ether
Concen: 19.581 ug/l
RT: 3.20 min Scan# 336
Delta R.T. 0.00 min
Lab File: VX007682.D
Acq: 25 Feb 2019 19:00

Instrument :
MSVOA_X
ClientSampleId :
VX0225WBSD01

Tot Ion	Ratio	Lower	Upper
73	100		
57	21.5	17.8	26.8

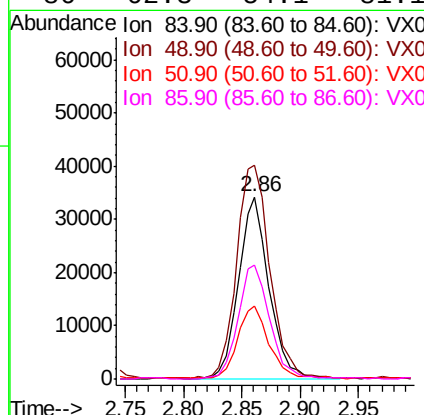
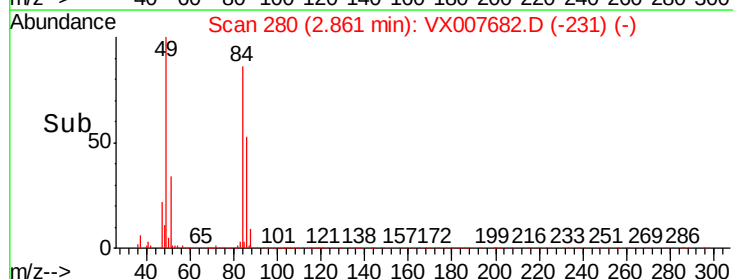
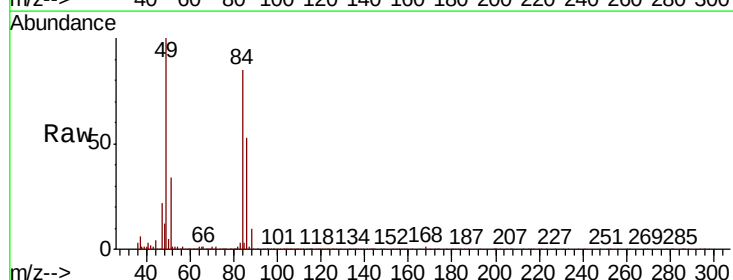
Manual Integrations
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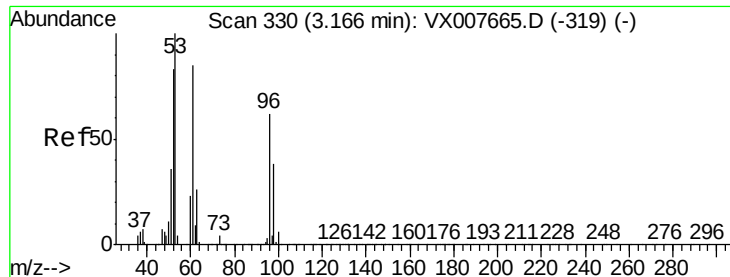
MMDadoda
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#20
Methylene Chloride
Concen: 18.908 ug/l
RT: 2.86 min Scan# 280
Delta R.T. 0.00 min
Lab File: VX007682.D
Acq: 25 Feb 2019 19:00

Tgt Ion	Ratio	Lower	Upper
84	100		
49	117.2	94.8	142.2
51	40.0	29.8	44.8
86	62.3	54.1	81.1





#21

trans-1,2-Dichloroethene

Concen: 19.496 ug/l

RT: 3.17 min Scan# 330

Delta R.T. 0.00 min

Lab File: VX007682.D

Acq: 25 Feb 2019 19:00

Instrument :

MSVOA_X

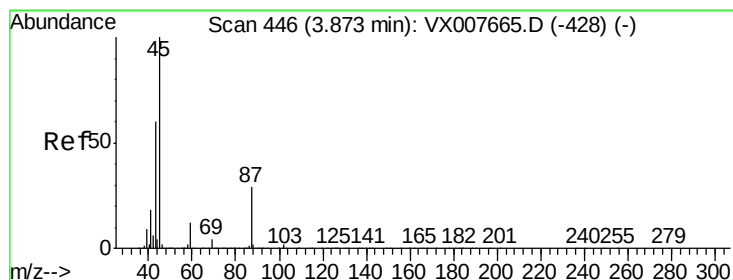
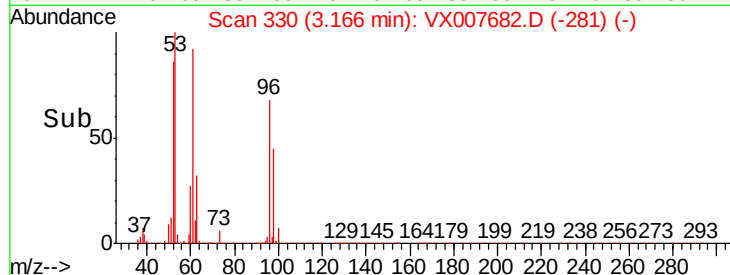
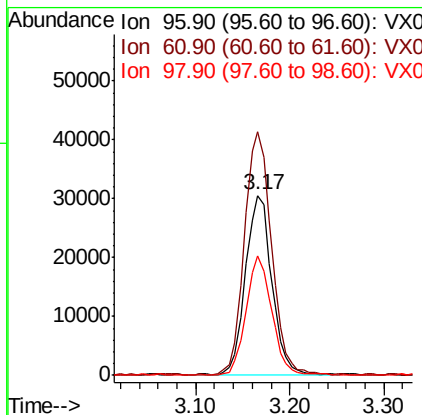
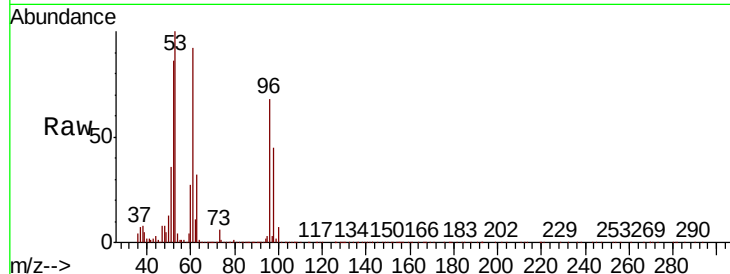
ClientSampleId :

VX0225WBSD01

Tot Ion:	96	Resp:	60157
Ion	Ratio	Lower	Upper
96	100		
61	134.9	104.6	156.8
98	65.8	51.0	76.4

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#22

Diisopropyl ether

Concen: 19.100 ug/l

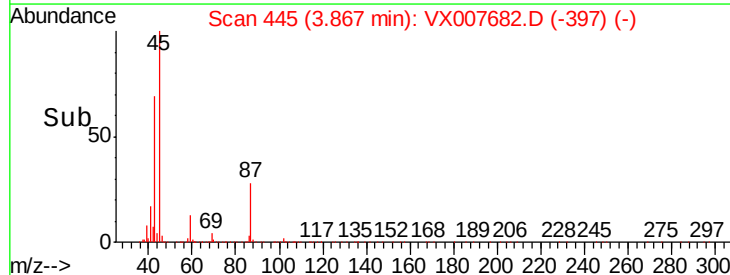
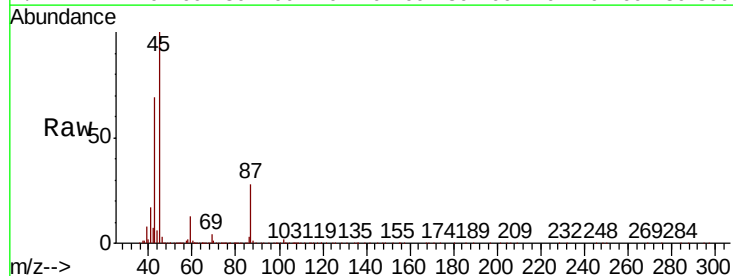
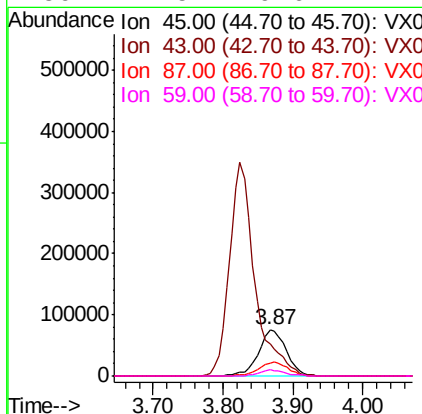
RT: 3.87 min Scan# 445

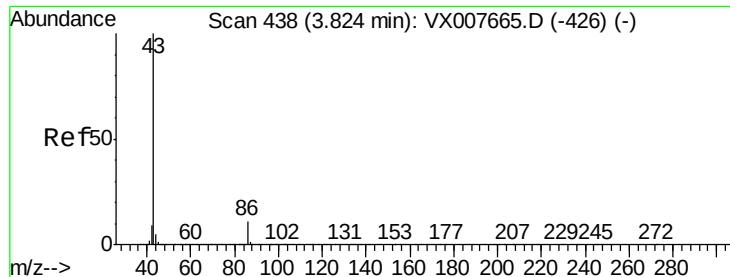
Delta R.T. -0.01 min

Lab File: VX007682.D

Acq: 25 Feb 2019 19:00

Tgt Ion:	45	Resp:	208675
Ion	Ratio	Lower	Upper
45	100		
43	68.5	48.9	73.3
87	28.1	23.9	35.9
59	12.5	9.6	14.4





#23

Vinyl Acetate

Concen: 92.042 ug/l

RT: 3.82 min Scan# 438

Delta R.T. 0.00 min

Lab File: VX007682.D

Acq: 25 Feb 2019 19:00

Instrument :

MSVOA_X

ClientSampleId :

VX0225WBSD01

Tot Ion: 43 Resp: 882243

Ion Ratio Lower Upper

43 100

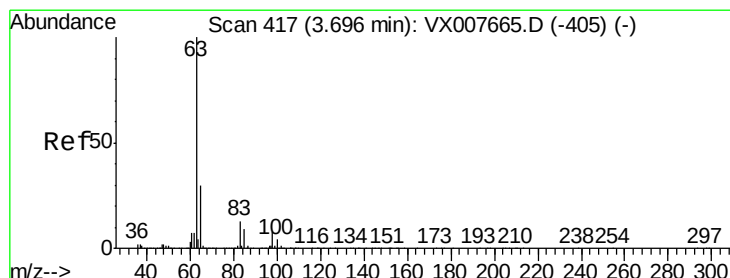
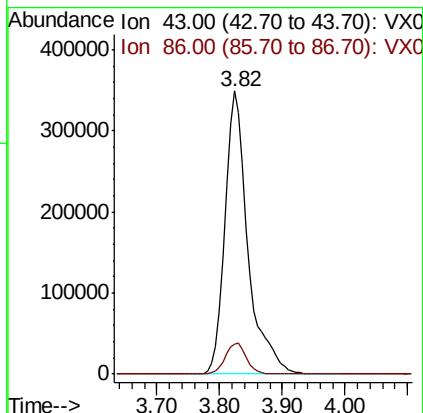
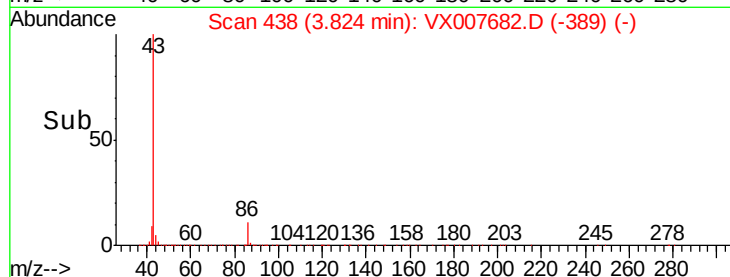
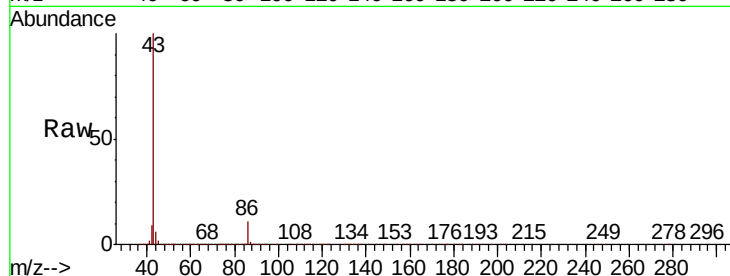
86 10.7 8.7 13.1

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 19.896 ug/l

RT: 3.70 min Scan# 417

Delta R.T. 0.00 min

Lab File: VX007682.D

Acq: 25 Feb 2019 19:00

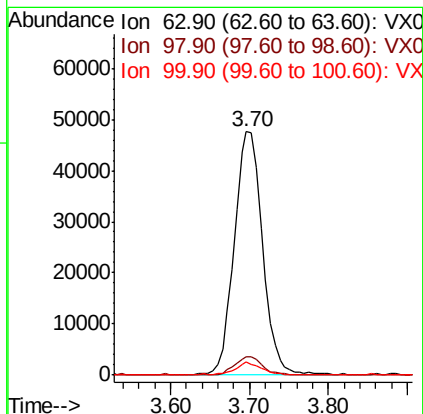
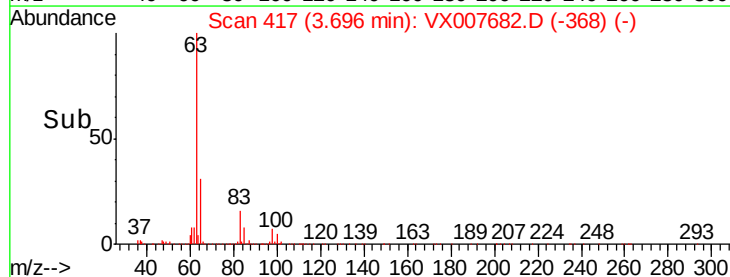
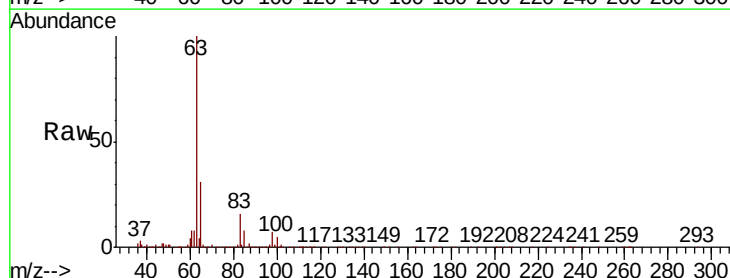
Tgt Ion: 63 Resp: 118134

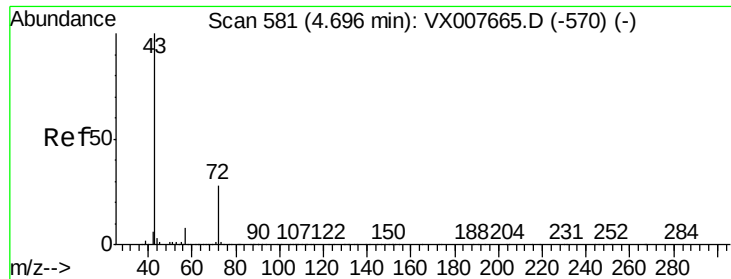
Ion Ratio Lower Upper

63 100

98 7.1 3.6 10.8

100 5.3 2.5 7.4





#25

2-Butanone

Concen: 92.979 ug/l

RT: 4.70 min Scan# 581

Delta R.T. 0.00 min

Lab File: VX007682.D

Acq: 25 Feb 2019 19:00

Instrument :

MSVOA_X

ClientSampleId :

VX0225WBSD01

Tot Ion: 43 Resp: 253153

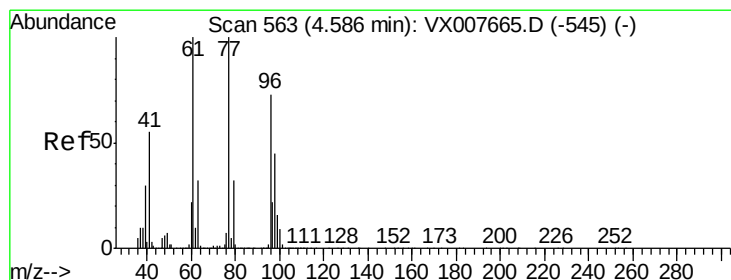
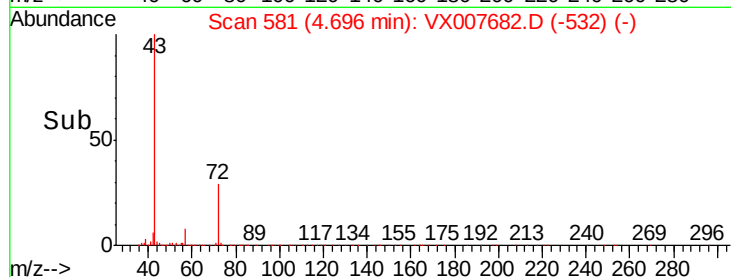
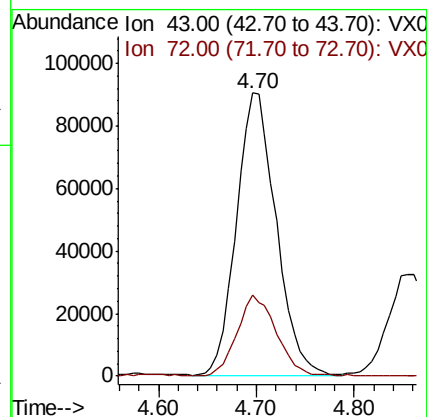
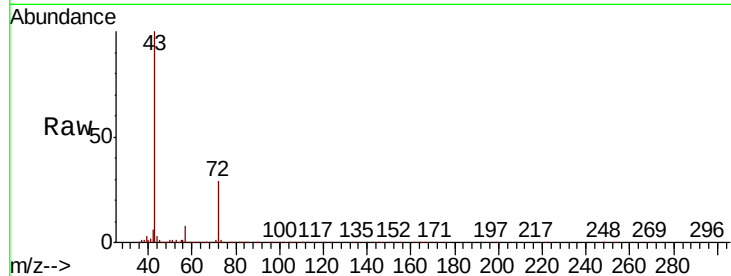
Ion Ratio Lower Upper

43 100

72 28.6 22.2 33.2

Manual Integrations
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#26

2,2-Dichloropropane

Concen: 15.877 ug/l

RT: 4.58 min Scan# 562

Delta R.T. -0.01 min

Lab File: VX007682.D

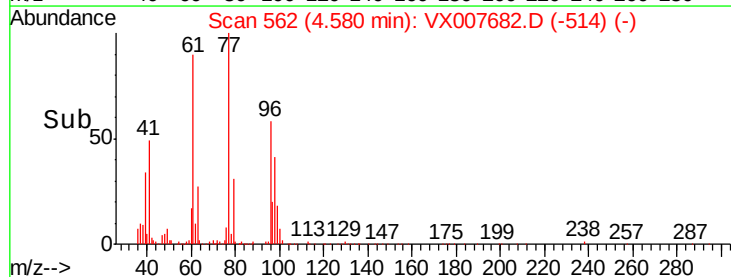
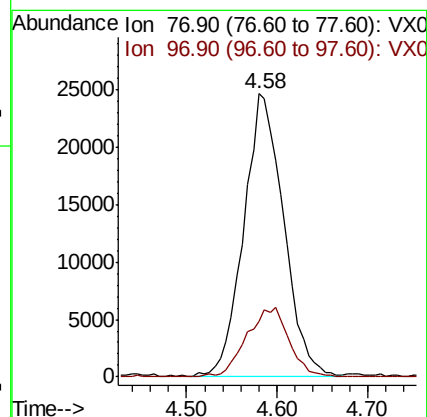
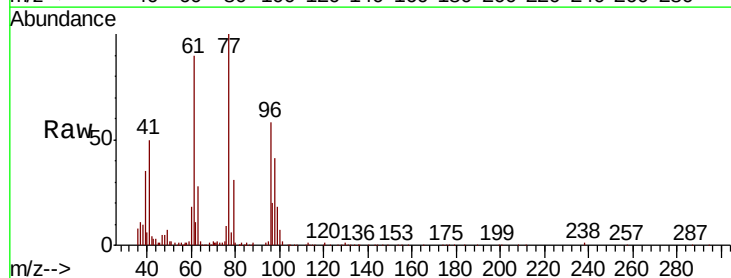
Acq: 25 Feb 2019 19:00

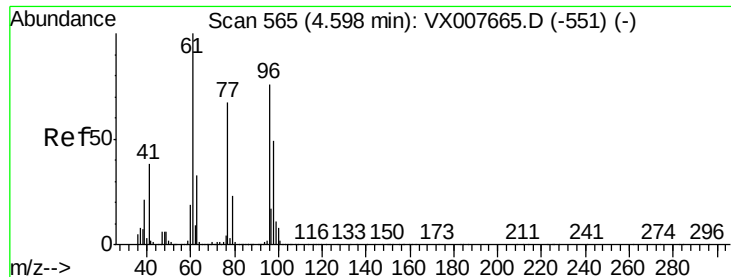
Tgt Ion: 77 Resp: 75250

Ion Ratio Lower Upper

77 100

97 26.0 12.1 36.3





#27

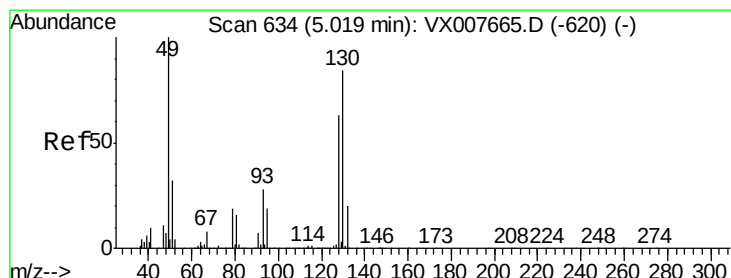
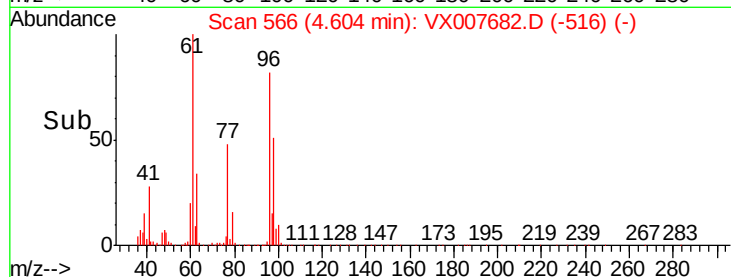
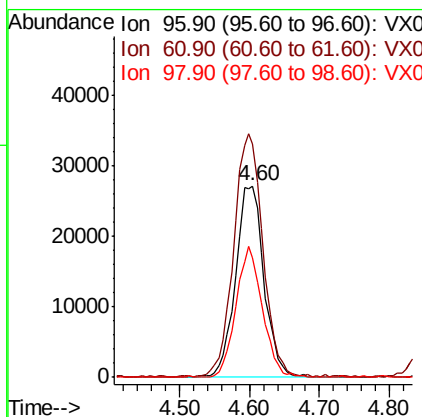
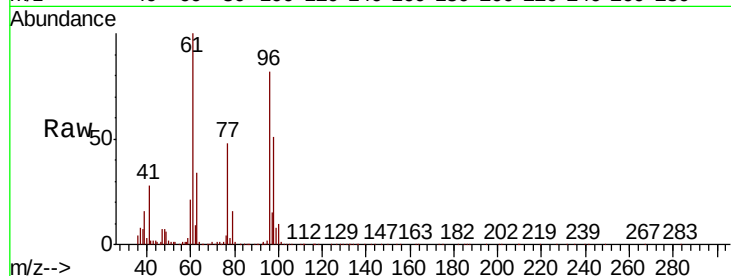
cis-1,2-Dichloroethene
Concen: 19.519 ug/l
RT: 4.60 min Scan# 566
Delta R.T. 0.01 min
Lab File: VX007682.D
Acq: 25 Feb 2019 19:00

Instrument :
MSVOA_X
ClientSampleId :
VX0225WBSD01

Tot Ion	Ratio	Lower	Upper
96	100		
61	130.9	0.0	265.6
98	63.7	0.0	131.6

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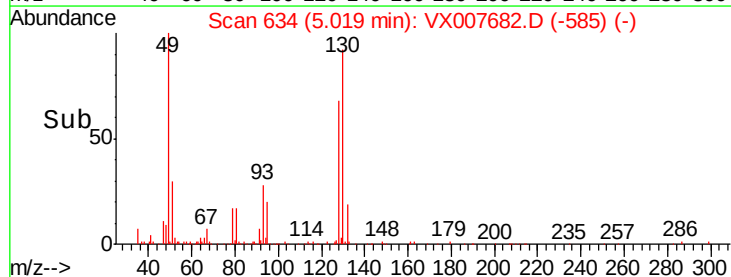
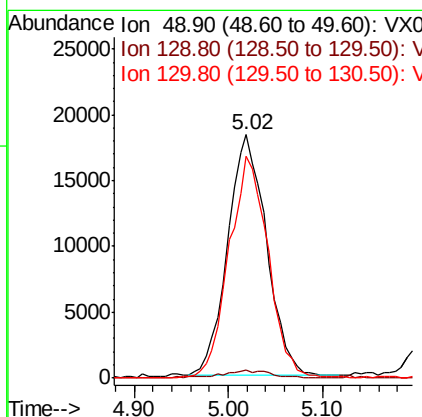
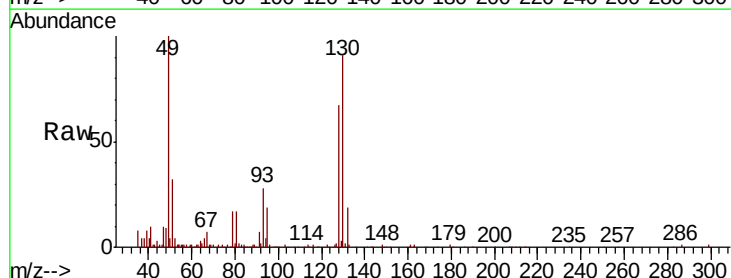
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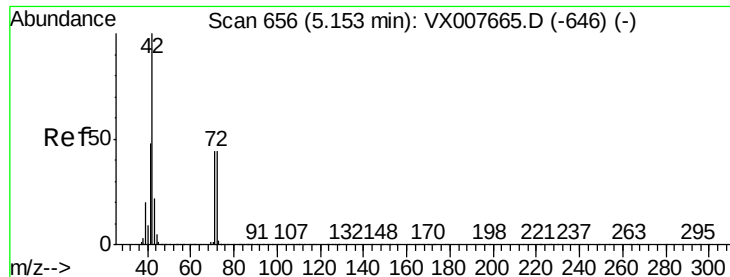


#28

Bromochloromethane
Concen: 18.179 ug/l
RT: 5.02 min Scan# 634
Delta R.T. 0.00 min
Lab File: VX007682.D
Acq: 25 Feb 2019 19:00

Tgt Ion	Ratio	Lower	Upper
49	100		
129	4.0	0.0	5.6
130	93.4	75.6	113.4





#29

Tetrahydrofuran

Concen: 94.239 ug/l

RT: 5.15 min Scan# 656

Delta R.T. 0.00 min

Lab File: VX007682.D

Acq: 25 Feb 2019 19:00

Instrument :

MSVOA_X

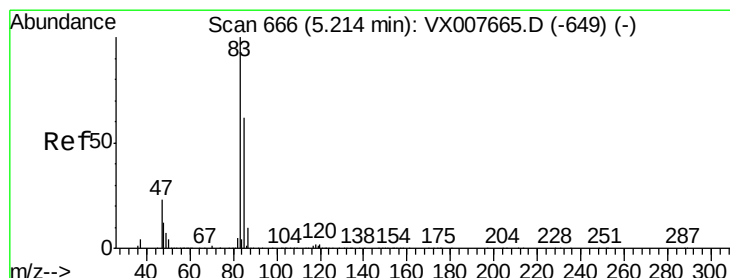
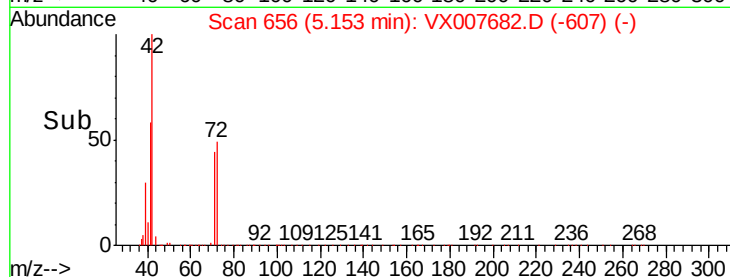
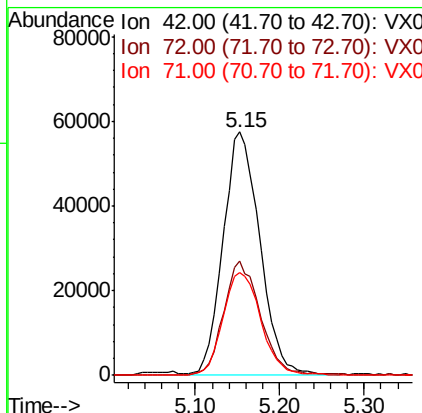
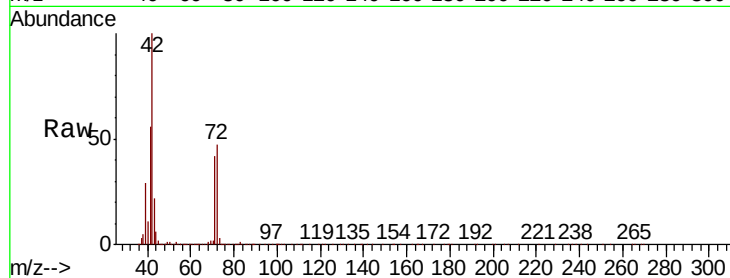
ClientSampleId :

VX0225WBSD01

Tot Ion	Ratio	Lower	Upper
42	100		
72	46.9	37.6	56.4
71	44.2	34.6	51.8

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#30

Chloroform

Concen: 19.084 ug/l

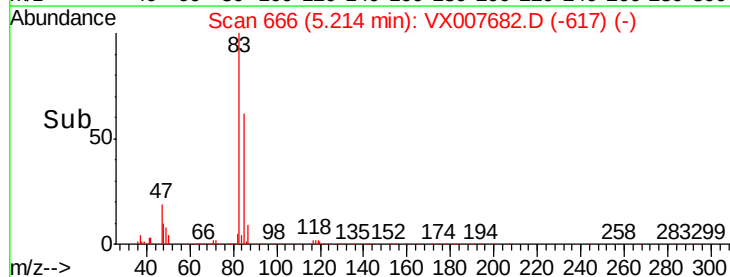
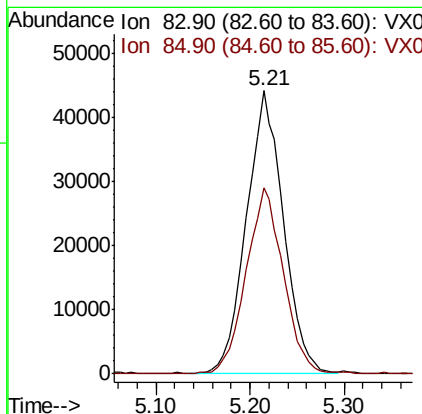
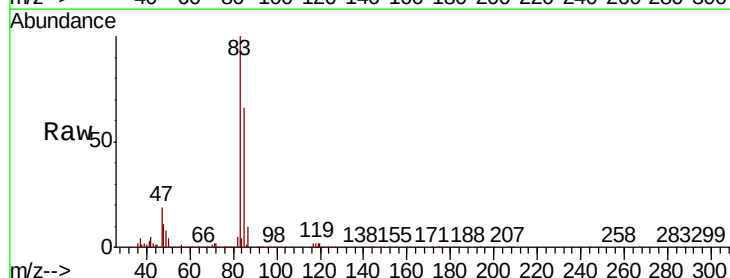
RT: 5.21 min Scan# 666

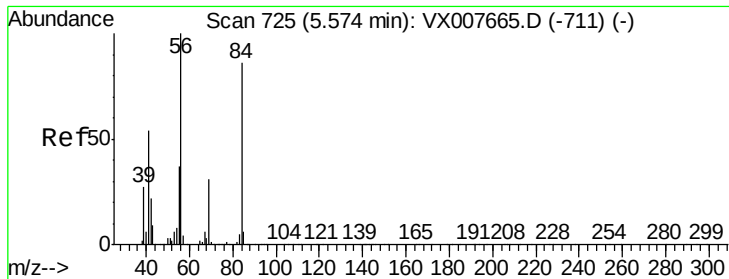
Delta R.T. 0.00 min

Lab File: VX007682.D

Acq: 25 Feb 2019 19:00

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.6	51.6	77.4





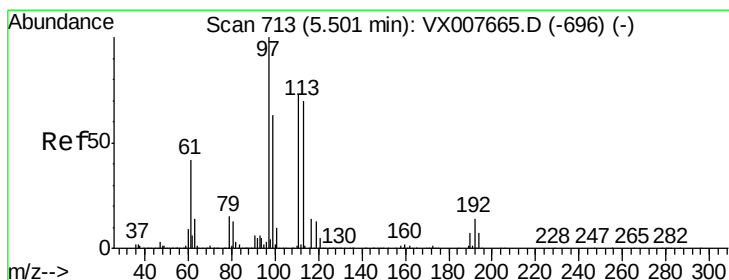
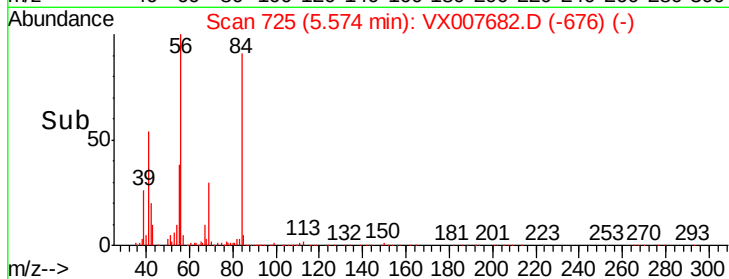
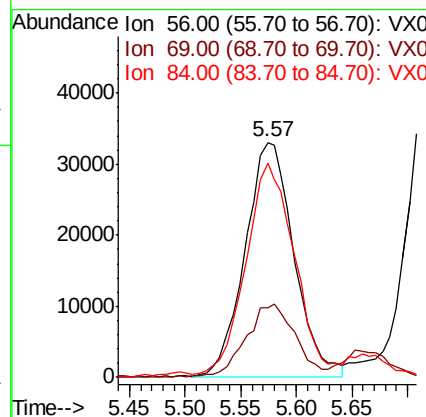
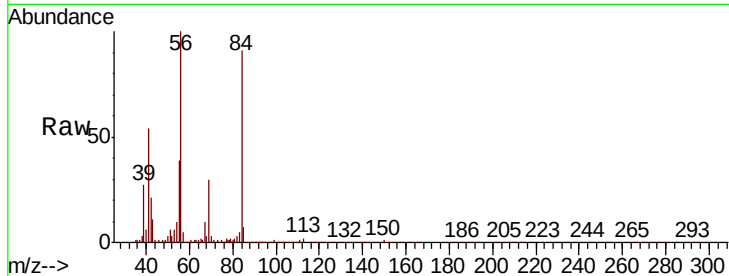
#31
Cyclohexane
Concen: 17.908 ug/l
RT: 5.57 min Scan# 725
Delta R.T. 0.00 min
Lab File: VX007682.D
Acq: 25 Feb 2019 19:00

Instrument :
MSVOA_X
ClientSampleId :
VX0225WBSD01

Tot Ion	Ratio	Lower	Upper
56	100		
69	29.0	23.0	34.6
84	90.3	69.8	104.6

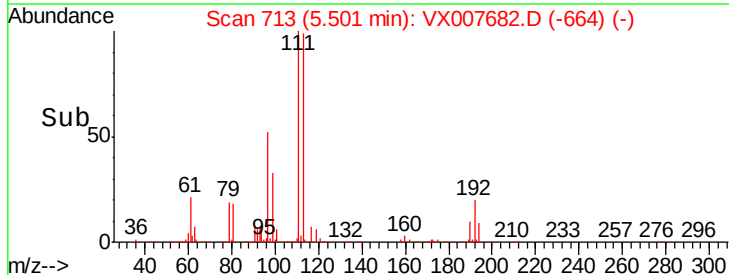
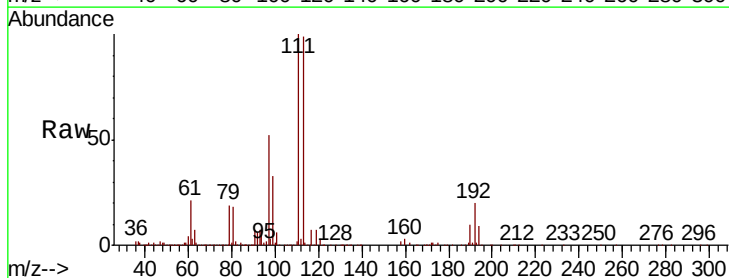
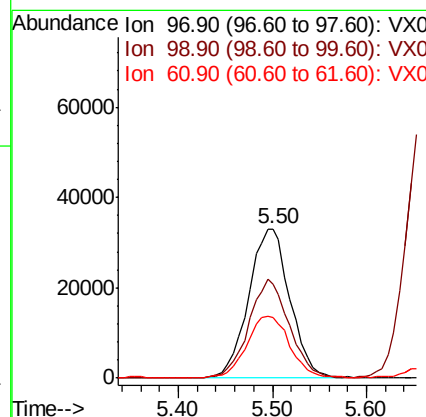
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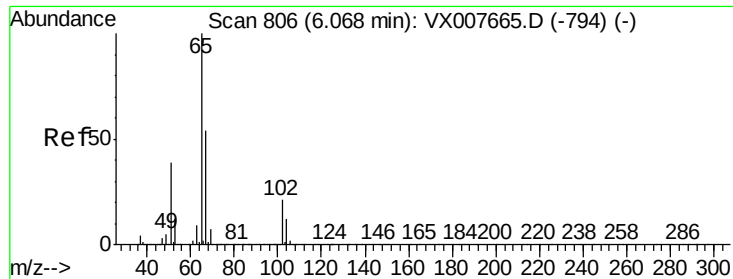
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#32
1,1,1-Trichloroethane
Concen: 19.179 ug/l
RT: 5.50 min Scan# 713
Delta R.T. 0.00 min
Lab File: VX007682.D
Acq: 25 Feb 2019 19:00

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.5	52.2	78.2
61	43.9	32.7	49.1





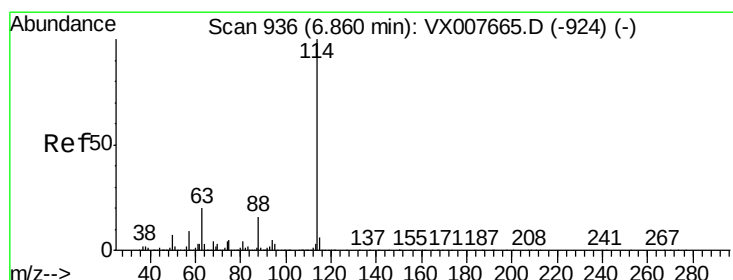
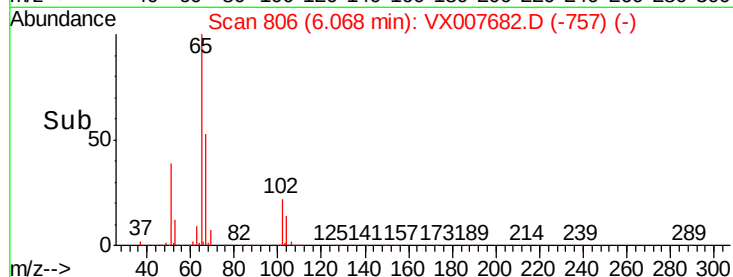
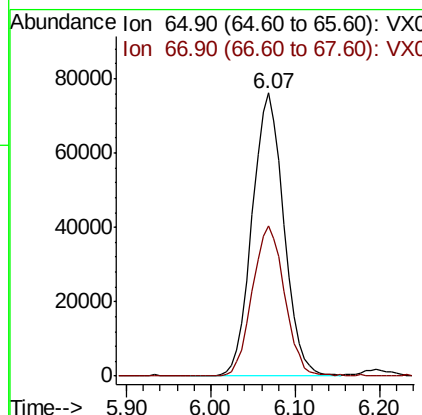
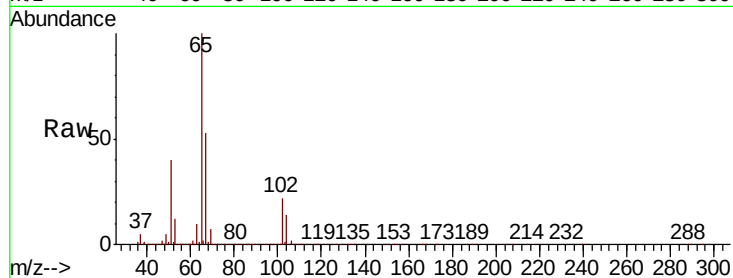
#33
 1,2-Dichloroethane-d4
 Concen: 48.319 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. 0.00 min
 Lab File: VX007682.D
 Acq: 25 Feb 2019 19:00

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0225WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
65	100	194211		
67	54.0	0.0	108.8	

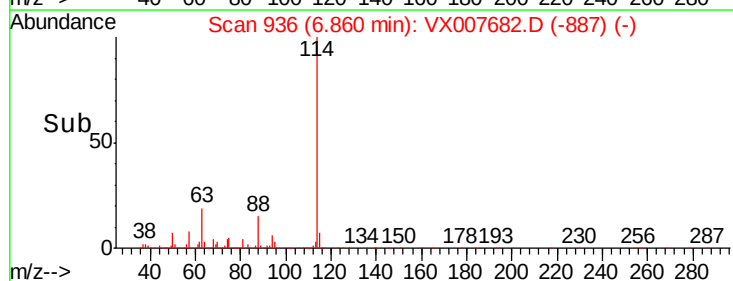
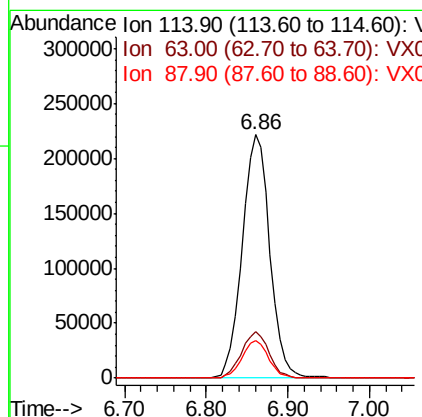
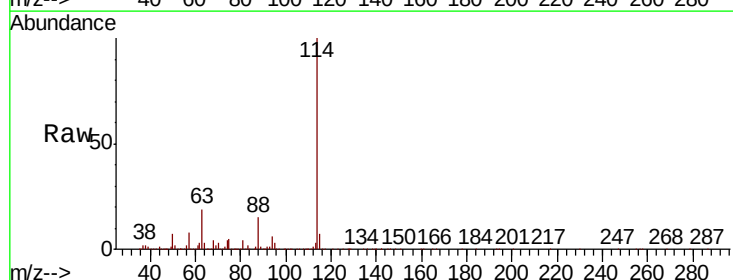
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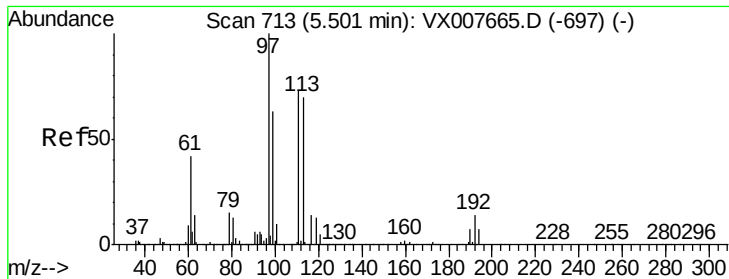
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX007682.D
 Acq: 25 Feb 2019 19:00

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	519115		
63	19.1	0.0	35.6	
88	15.2	0.0	29.6	





#35

Dibromofluoromethane

Concen: 50.537 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.00 min

Lab File: VX007682.D

Acq: 25 Feb 2019 19:00

Instrument :

MSVOA_X

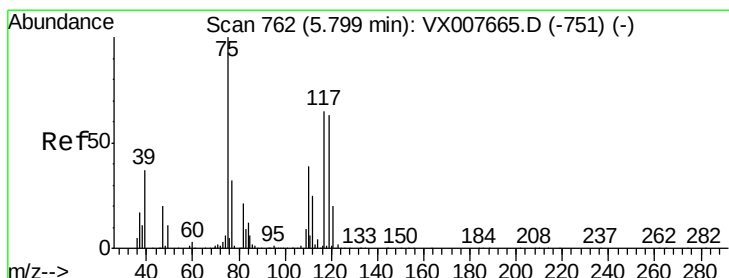
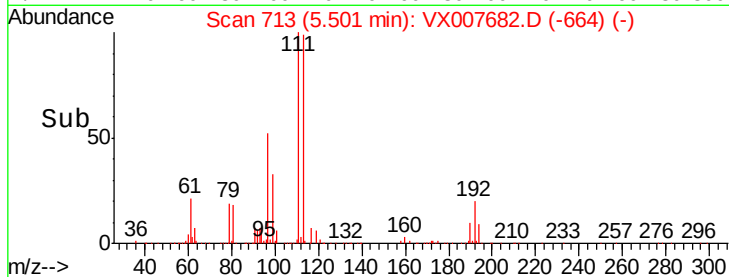
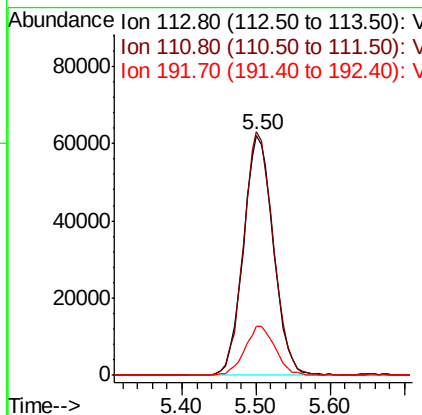
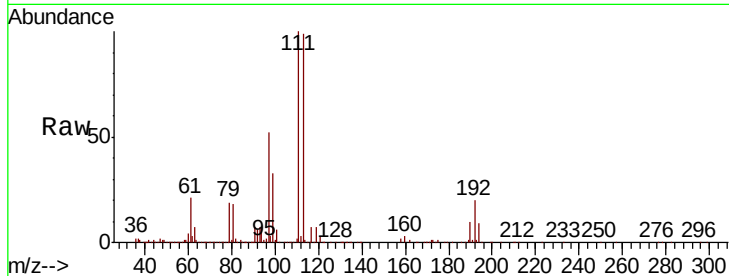
ClientSampleId :

VX0225WBSD01

Tot Ion:	113	Resp:	175371
Ion Ratio	Lower	Upper	
113	100		
111	100.3	81.8	122.8
192	20.7	18.5	27.7

Manual Integrations
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#36

1,1-Dichloropropene

Concen: 18.514 ug/l

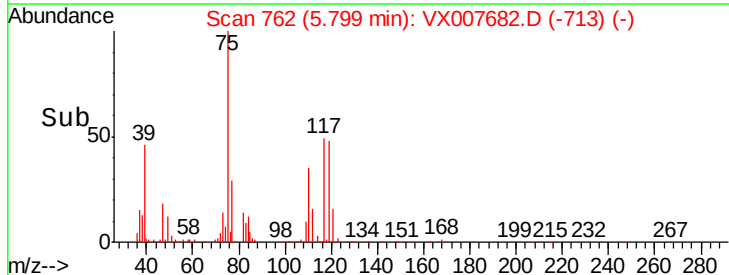
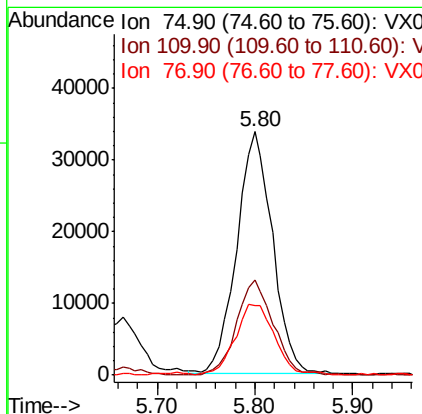
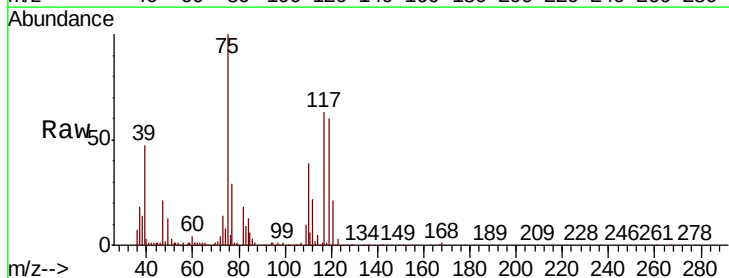
RT: 5.80 min Scan# 762

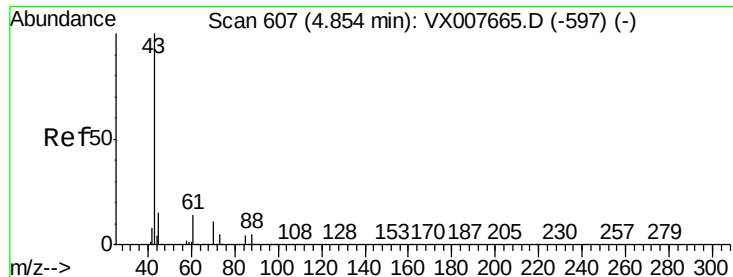
Delta R.T. 0.00 min

Lab File: VX007682.D

Acq: 25 Feb 2019 19:00

Tgt Ion:	75	Resp:	86405
Ion Ratio	Lower	Upper	
75	100		
110	39.5	20.0	59.9
77	31.6	24.7	37.1





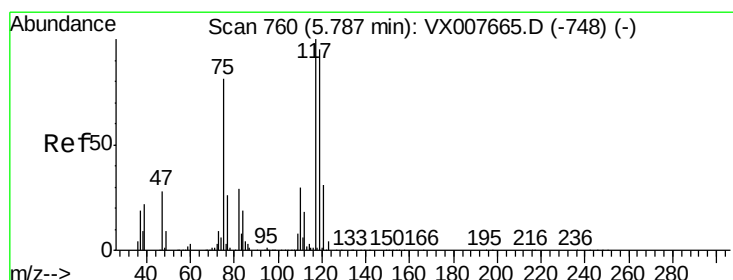
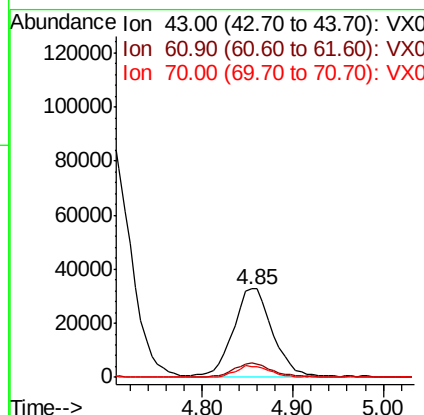
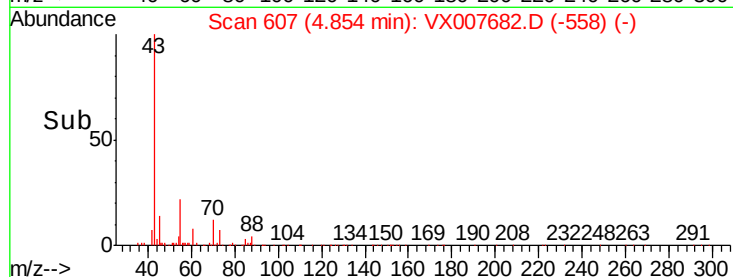
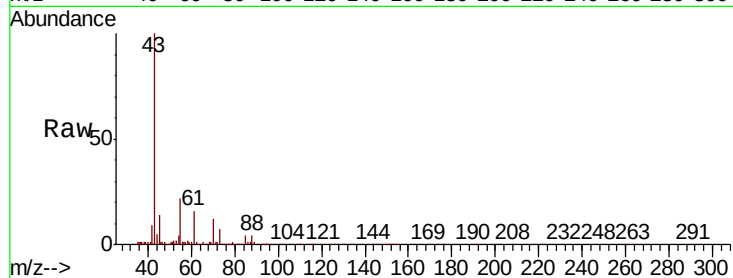
#37
Ethyl Acetate
Concen: 18.629 ug/l
RT: 4.85 min Scan# 607
Delta R.T. 0.00 min
Lab File: VX007682.D
Acq: 25 Feb 2019 19:00

Instrument :
MSVOA_X
ClientSampleId :
VX0225WBSD01

Tot Ion	43	Resp	96577
Ion Ratio	Lower	Upper	
43	100		
61	15.2	11.3	16.9
70	12.3	8.6	13.0

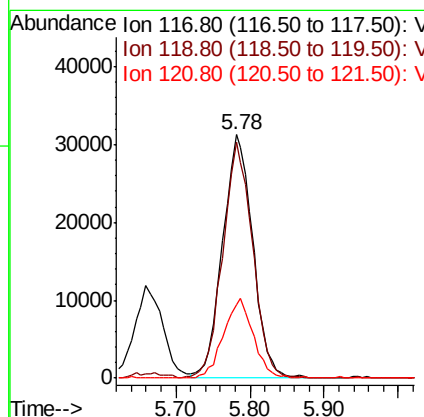
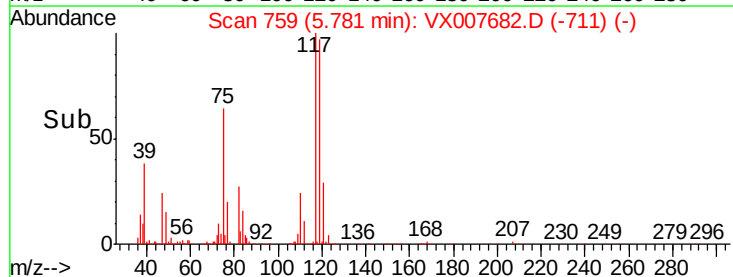
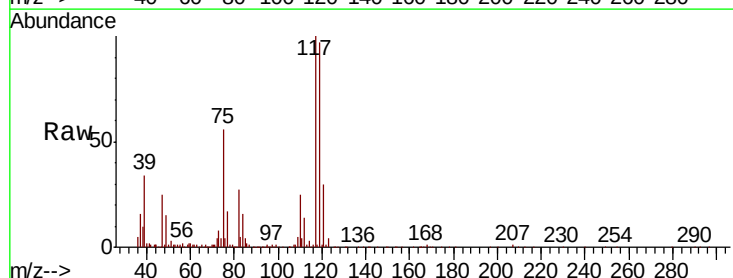
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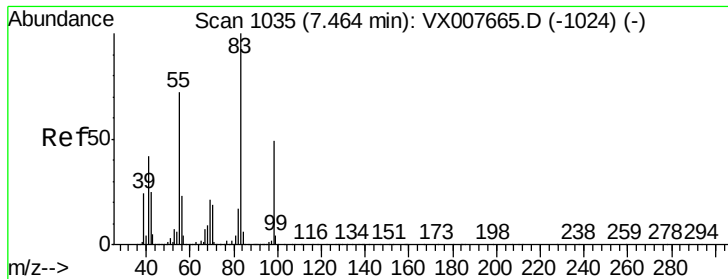
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#38
Carbon Tetrachloride
Concen: 18.881 ug/l
RT: 5.78 min Scan# 759
Delta R.T. -0.01 min
Lab File: VX007682.D
Acq: 25 Feb 2019 19:00

Tgt Ion	117	Resp	88517
Ion Ratio	Lower	Upper	
117	100		
119	96.6	75.3	112.9
121	29.9	25.0	37.4





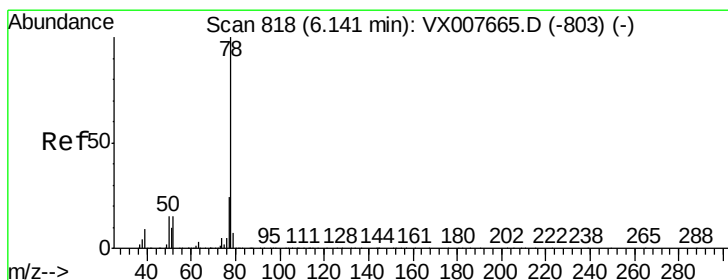
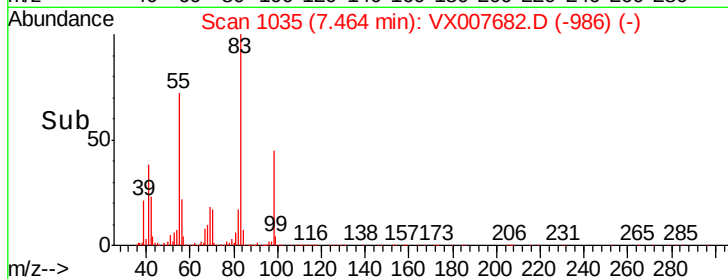
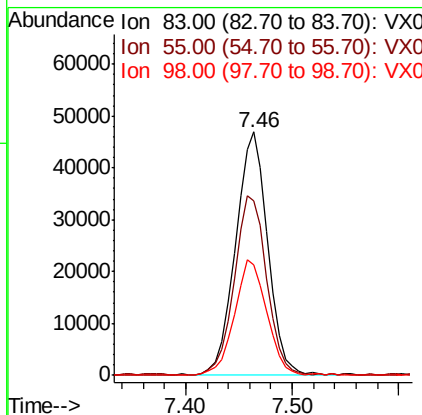
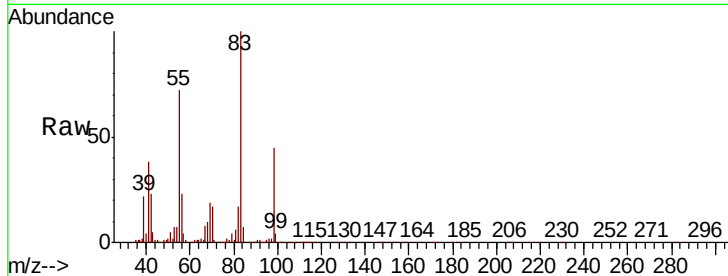
#39
Methylvlcyclohexane
Concen: 16.688 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. 0.00 min
Lab File: VX007682.D
Acq: 25 Feb 2019 19:00

Instrument :
MSVOA_X
ClientSampleId :
VX0225WBSD01

Tot Ion	Ratio	Lower	Upper
83	100		
55	71.7	56.2	84.2
98	45.5	36.8	55.2

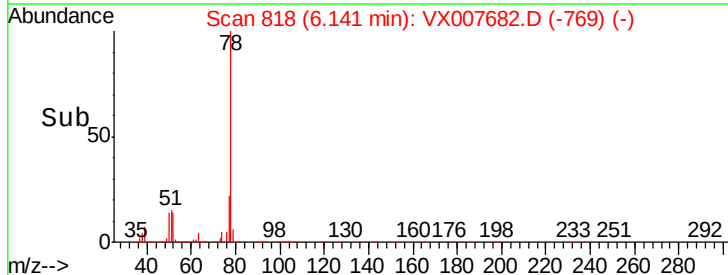
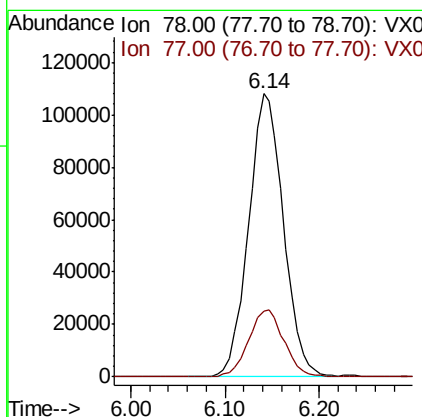
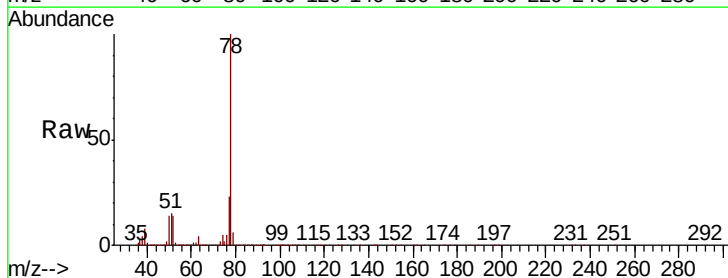
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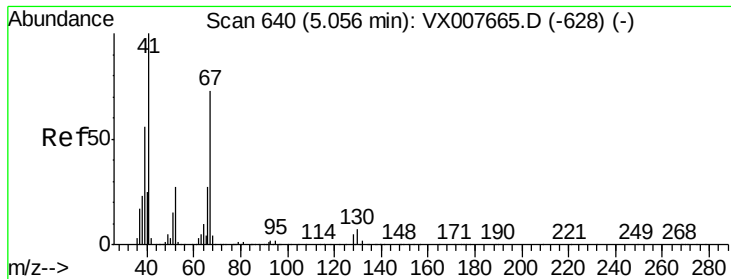
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#40
Benzene
Concen: 19.397 ug/l
RT: 6.14 min Scan# 818
Delta R.T. 0.00 min
Lab File: VX007682.D
Acq: 25 Feb 2019 19:00

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.0	19.3	28.9





#41

Methacrylonitrile

Concen: 18.587 ug/l

RT: 5.06 min Scan# 640

Delta R.T. 0.00 min

Lab File: VX007682.D

Acq: 25 Feb 2019 19:00

Instrument :

MSVOA_X

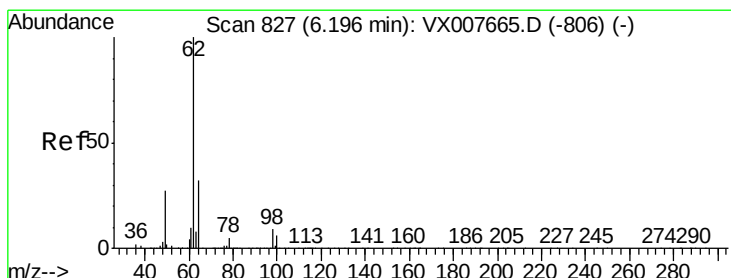
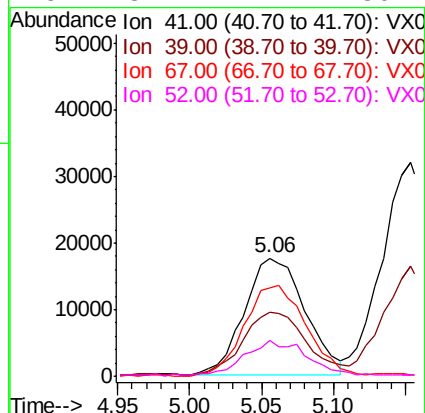
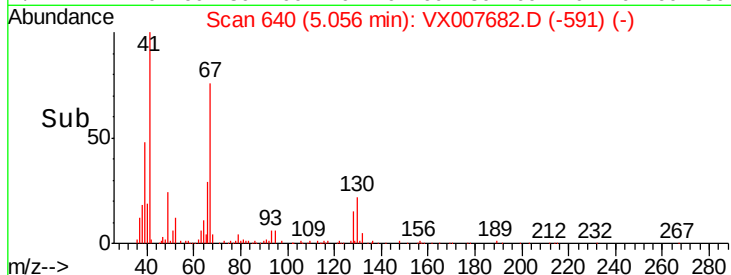
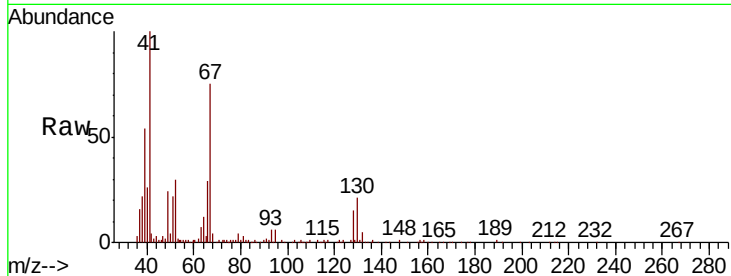
ClientSampleId :

VX0225WBSD01

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	55.7	44.5	66.7	
67	79.9	60.4	90.6	
52	31.7	24.1	36.1	

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#42

1,2-Dichloroethane

Concen: 19.103 ug/l

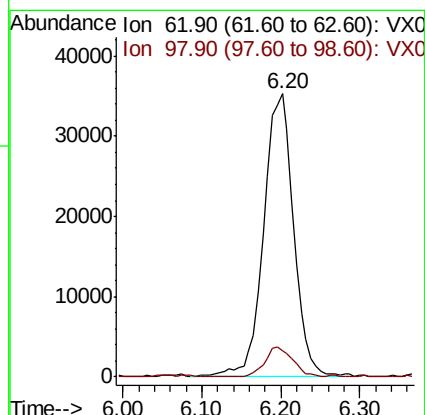
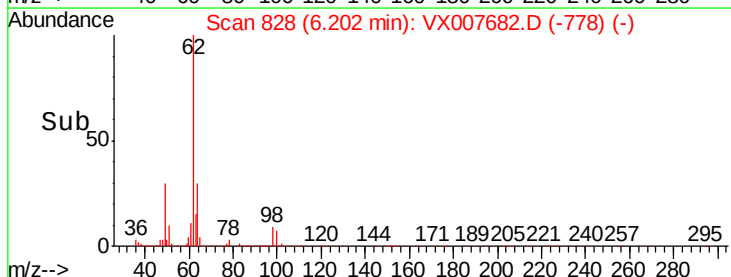
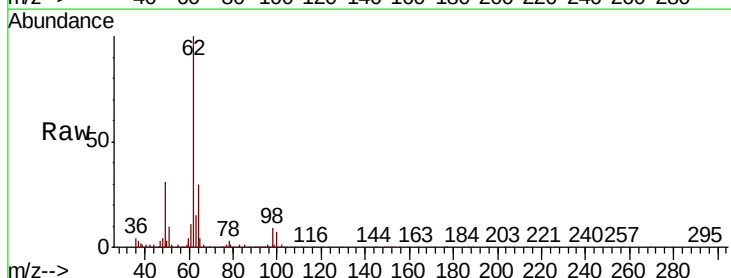
RT: 6.20 min Scan# 828

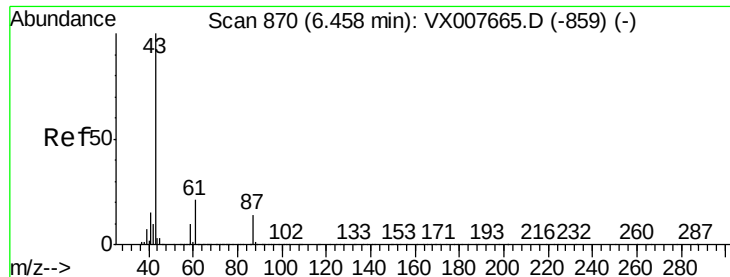
Delta R.T. 0.01 min

Lab File: VX007682.D

Acq: 25 Feb 2019 19:00

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	10.2	0.0	19.0	





#43

Isopropyl Acetate

Concen: 18.346 ug/l

RT: 6.46 min Scan# 870

Delta R.T. 0.00 min

Lab File: VX007682.D

Acq: 25 Feb 2019 19:00

Instrument :

MSVOA_X

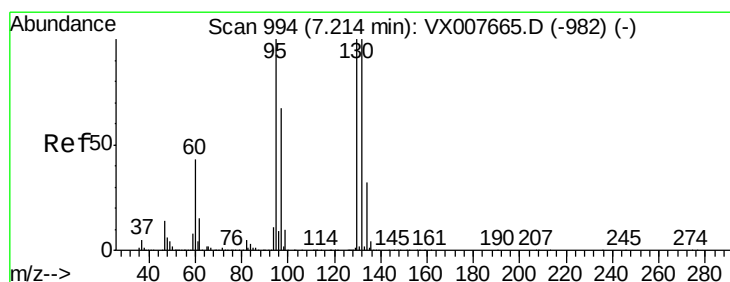
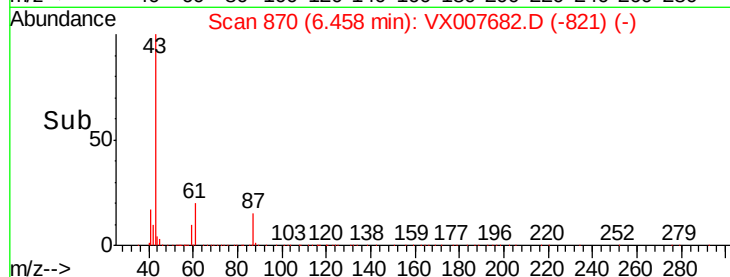
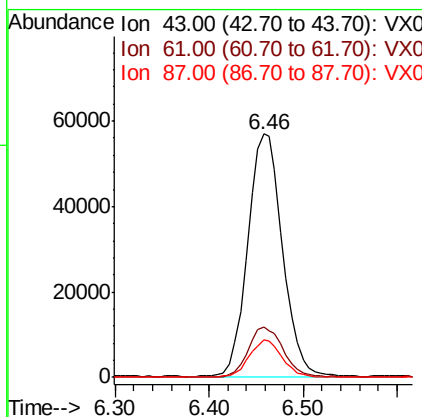
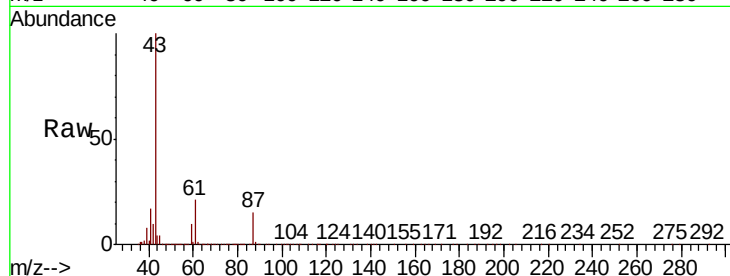
ClientSampleId :

VX0225WBSD01

Tot Ion:	43	Resp:	146385
Ion Ratio	Lower	Upper	
43	100		
61	21.1	16.1	24.1
87	14.9	11.5	17.3

Manual Integrations
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2/26/2019 2:58:03 PM



#44

Trichloroethene

Concen: 19.975 ug/l

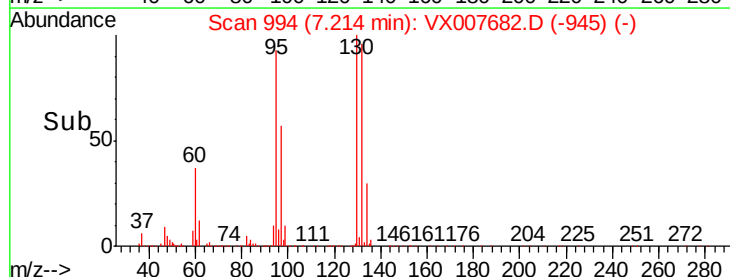
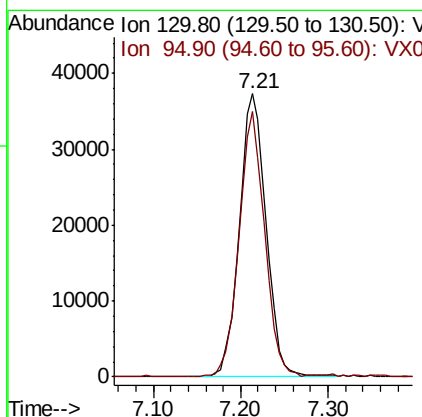
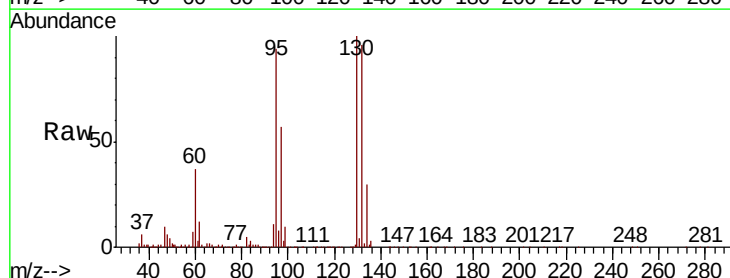
RT: 7.21 min Scan# 994

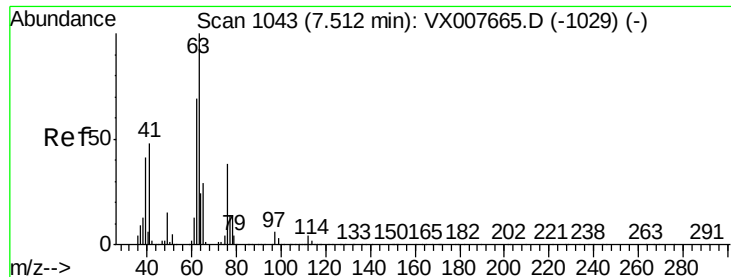
Delta R.T. 0.00 min

Lab File: VX007682.D

Acq: 25 Feb 2019 19:00

Tgt Ion:	130	Resp:	79164
Ion Ratio	Lower	Upper	
130	100		
95	93.6	0.0	180.0





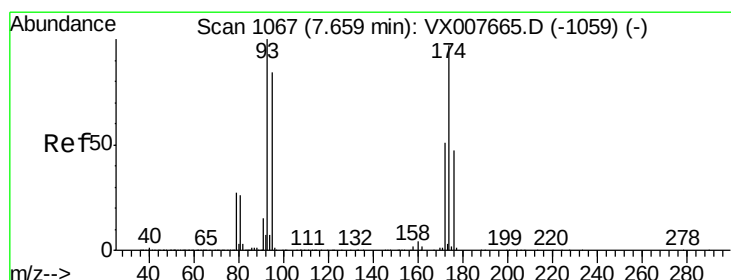
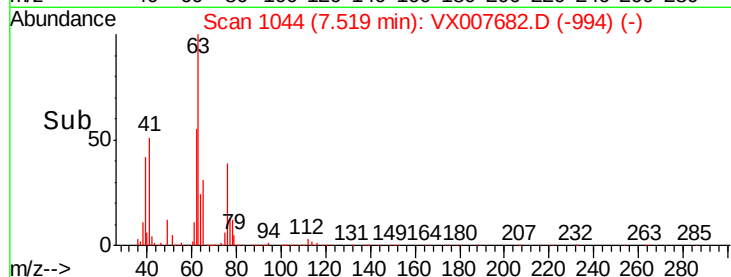
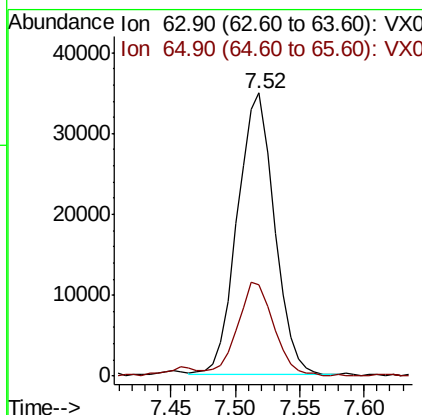
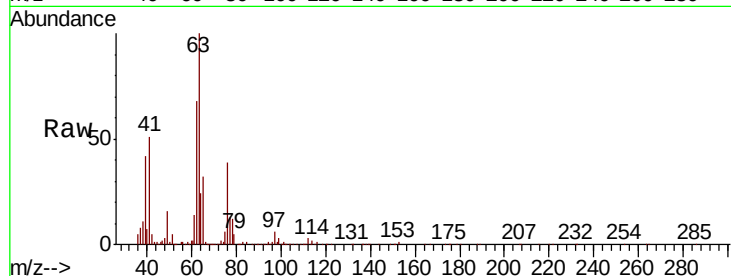
#45
 1,2-Dichloropropane
 Concen: 18.651 ug/l
 RT: 7.52 min Scan# 1044
 Delta R.T. 0.01 min
 Lab File: VX007682.D
 Acq: 25 Feb 2019 19:00

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0225WBSD01

Tot Ion	Ratio	Lower	Upper
63	100		
65	32.1	24.2	36.2

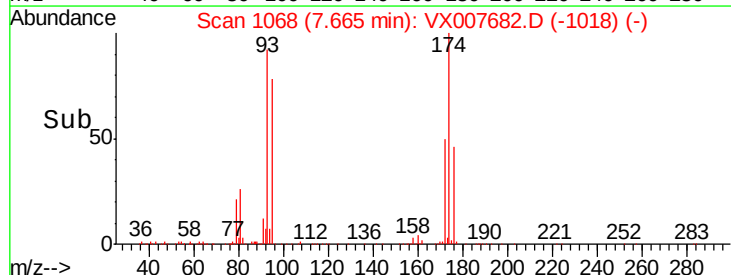
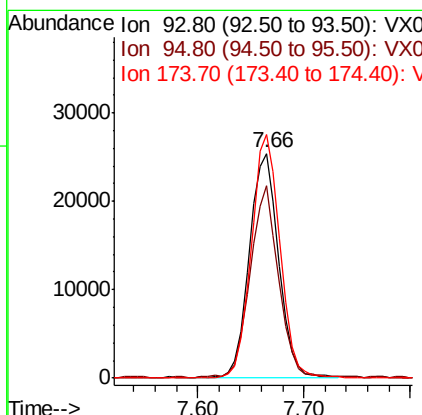
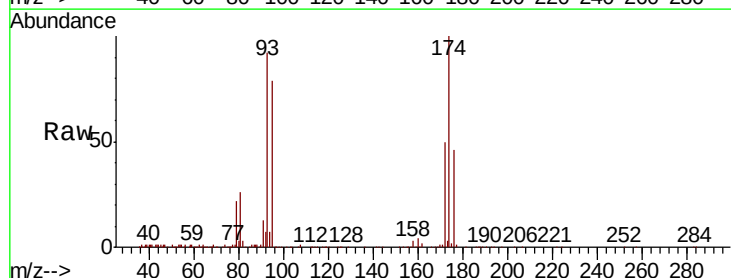
Manual Integrations
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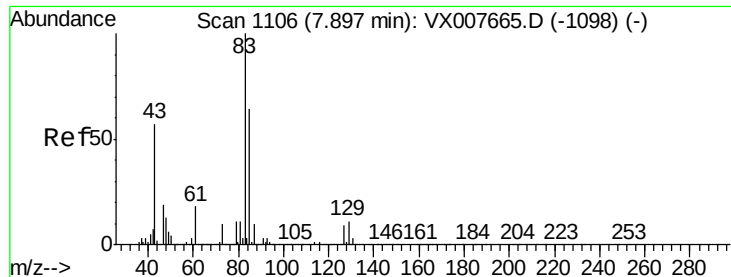
MMDadoda
 2/26/2019 2:58:03 PM



#46
 Dibromomethane
 Concen: 18.797 ug/l
 RT: 7.66 min Scan# 1068
 Delta R.T. 0.01 min
 Lab File: VX007682.D
 Acq: 25 Feb 2019 19:00

Tgt Ion	Ratio	Lower	Upper
93	100		
95	82.0	67.6	101.4
174	106.8	94.2	141.4





#47

Bromodichloromethane

Concen: 18.314 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. 0.00 min

Lab File: VX007682.D

Acq: 25 Feb 2019 19:00

Instrument :

MSVOA_X

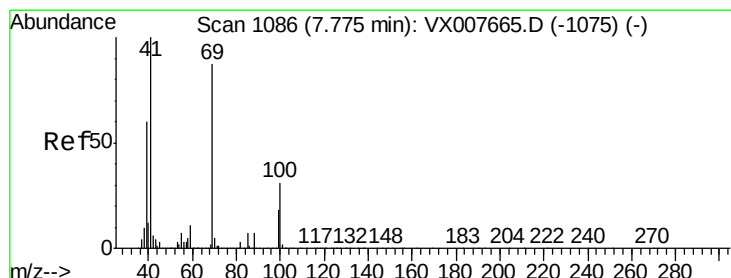
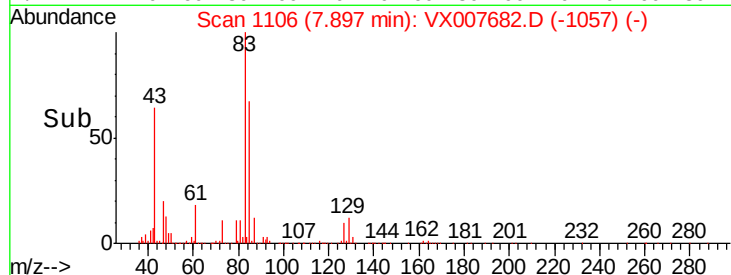
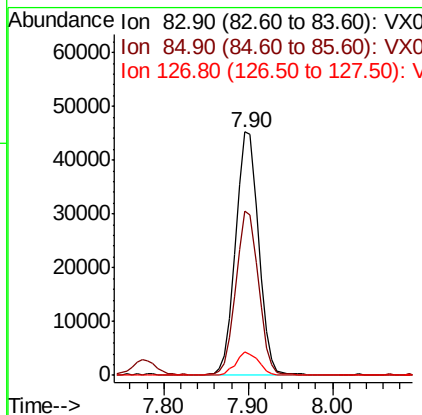
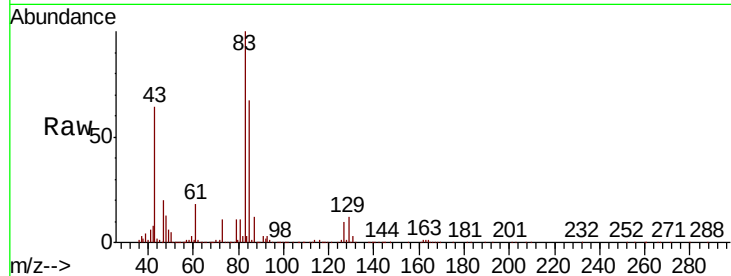
ClientSampleId :

VX0225WBSD01

Tot Ion:	83	Resp:	82628
Ion Ratio	Lower	Upper	
83	100		
85	67.2	51.4	77.0
127	9.8	8.1	12.1

Manual Integrations
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#48

Methyl methacrylate

Concen: 18.186 ug/l

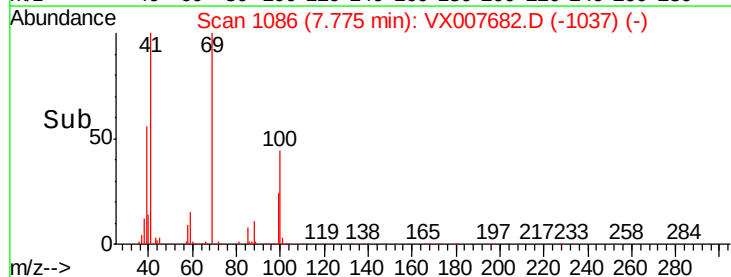
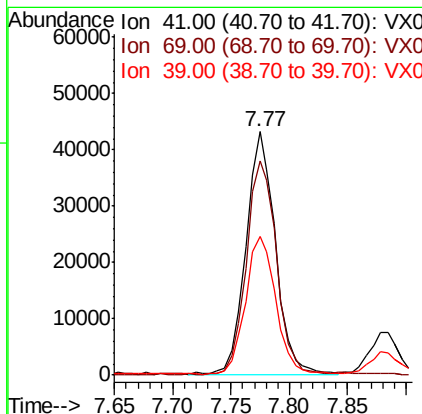
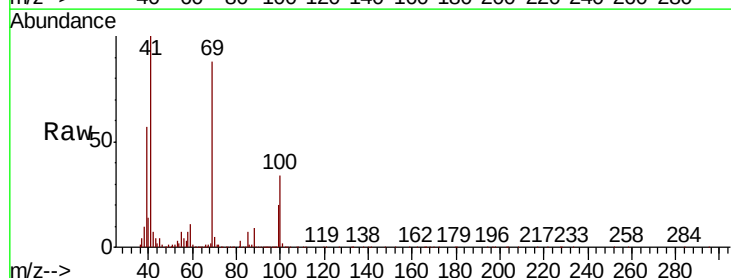
RT: 7.77 min Scan# 1086

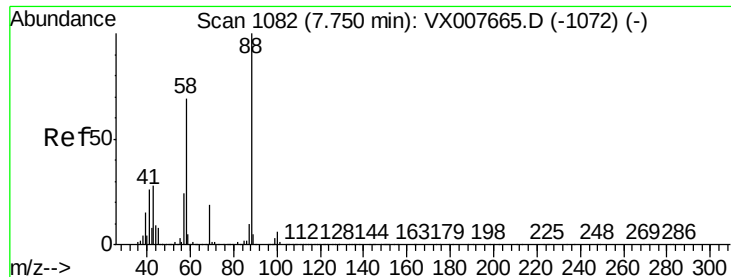
Delta R.T. 0.00 min

Lab File: VX007682.D

Acq: 25 Feb 2019 19:00

Tgt Ion:	41	Resp:	76061
Ion Ratio	Lower	Upper	
41	100		
69	89.4	70.2	105.4
39	58.7	47.4	71.0





#49

1,4-Dioxane

Concen: 384.343 ug/l

RT: 7.75 min Scan# 1082

Delta R.T. 0.00 min

Lab File: VX007682.D

Acq: 25 Feb 2019 19:00

Instrument :

MSVOA_X

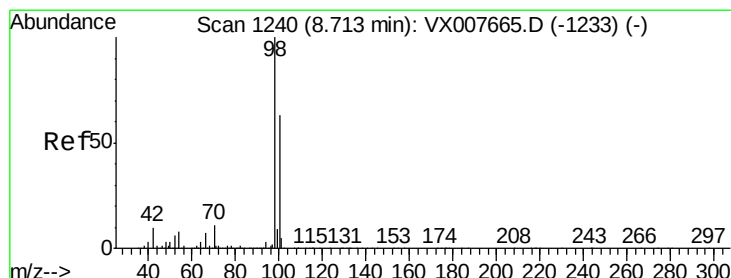
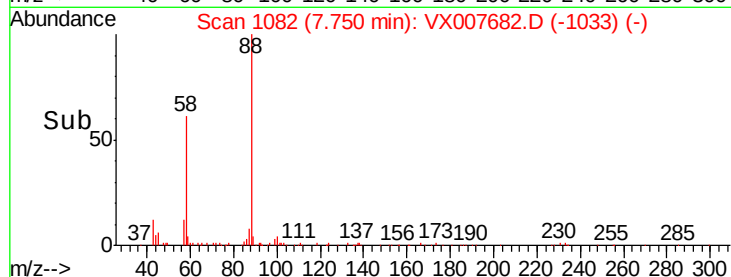
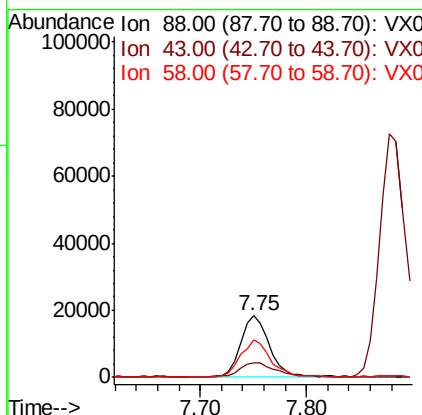
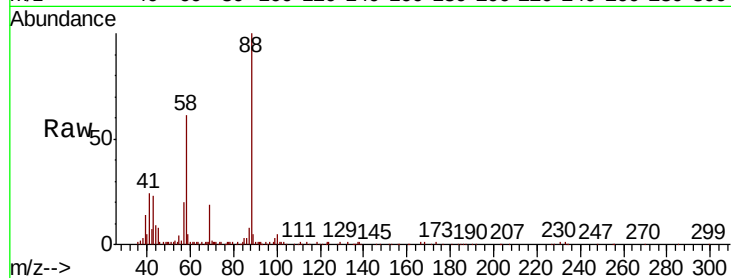
ClientSampleId :

VX0225WBSD01

Tot Ion:	88	Resp:	34719
Ion	Ratio	Lower	Upper
88	100		
43	32.0	24.2	36.4
58	65.7	53.0	79.4

Manual Integrations
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#50

Toluene-d8

Concen: 48.509 ug/l

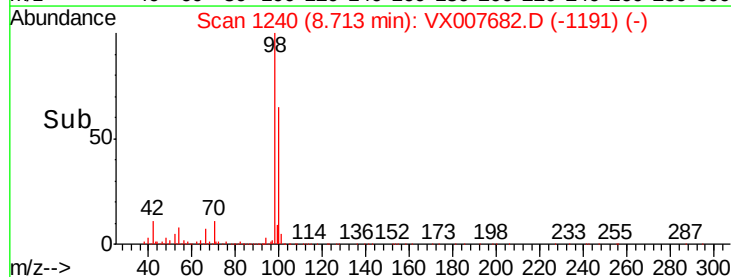
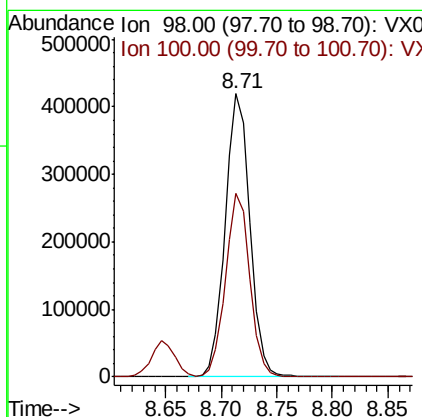
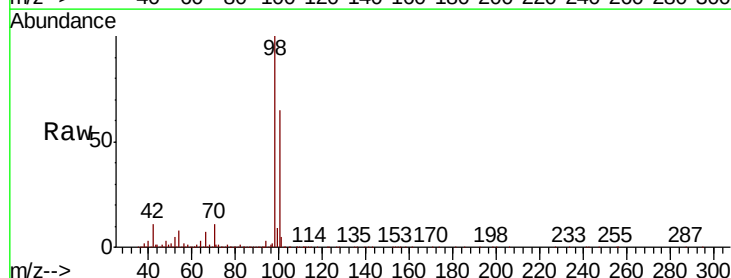
RT: 8.71 min Scan# 1240

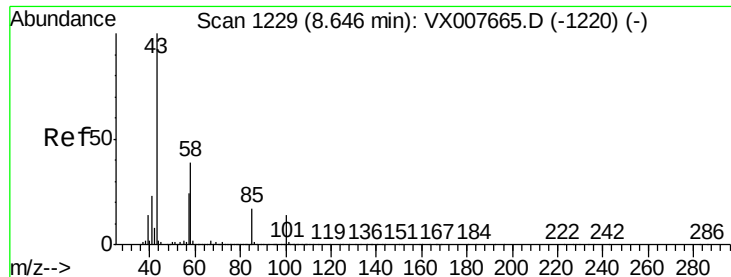
Delta R.T. 0.00 min

Lab File: VX007682.D

Acq: 25 Feb 2019 19:00

Tgt Ion:	98	Resp:	644446
Ion	Ratio	Lower	Upper
98	100		
100	63.7	51.6	77.4





#51

4-Methyl-2-Pentanone

Concen: 93.942 ug/l

RT: 8.65 min Scan# 1229

Delta R.T. 0.00 min

Lab File: VX007682.D

Acq: 25 Feb 2019 19:00

Instrument :

MSVOA_X

ClientSampled :

VX0225WBSD01

Tot Ion: 43 Resp: 501738

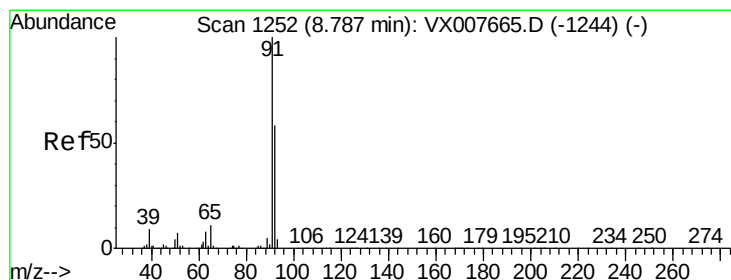
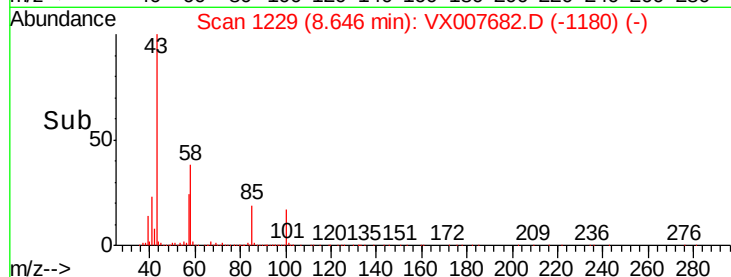
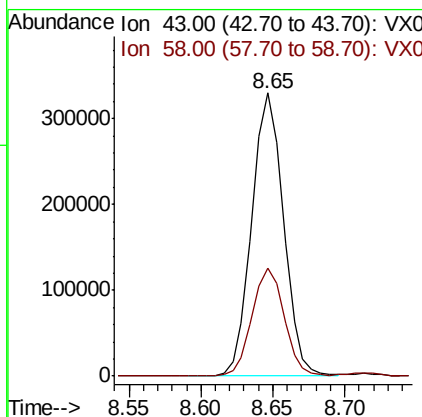
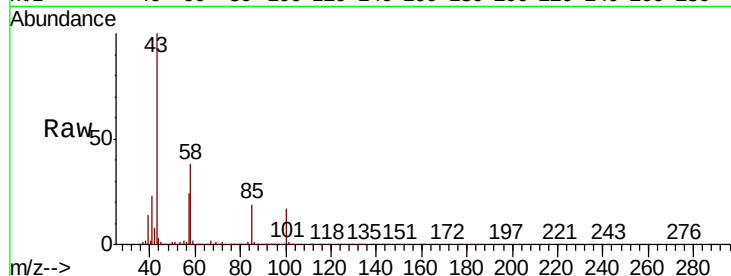
Ion Ratio Lower Upper

43 100

58 38.5 31.2 46.8

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#52

Toluene

Concen: 19.337 ug/l

RT: 8.78 min Scan# 1251

Delta R.T. -0.01 min

Lab File: VX007682.D

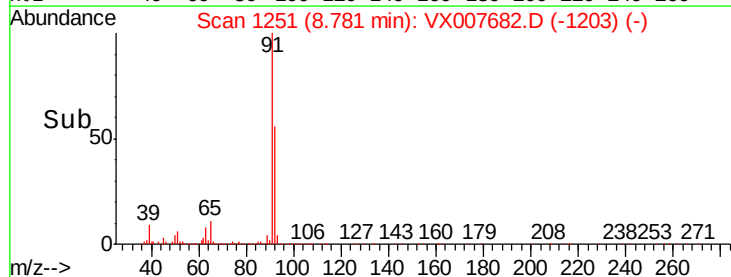
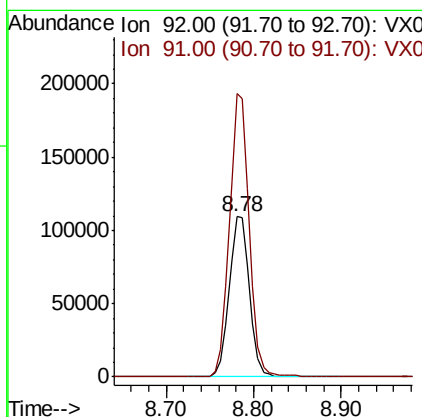
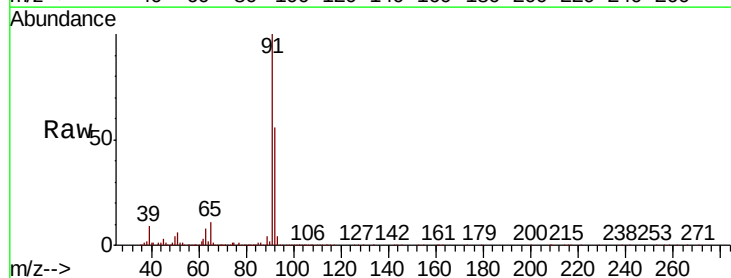
Acq: 25 Feb 2019 19:00

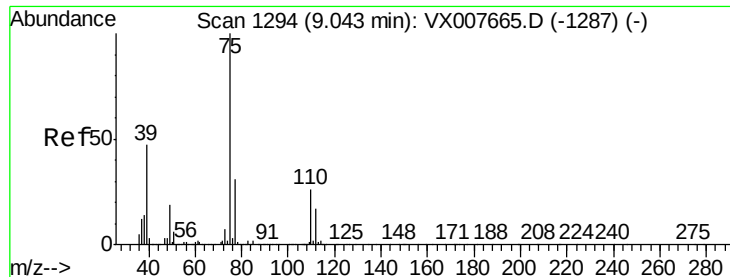
Tgt Ion: 92 Resp: 175672

Ion Ratio Lower Upper

92 100

91 172.1 139.1 208.7





#53

t-1,3-Dichloropropene

Concen: 17.391 ug/l

RT: 9.04 min Scan# 1294

Delta R.T. 0.00 min

Lab File: VX007682.D

Acq: 25 Feb 2019 19:00

Instrument :

MSVOA_X

ClientSampleId :

VX0225WBSD01

Tot Ion: 75 Resp: 86685

Ion Ratio Lower Upper

75 100

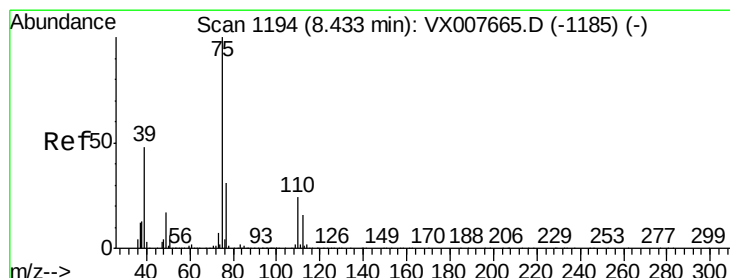
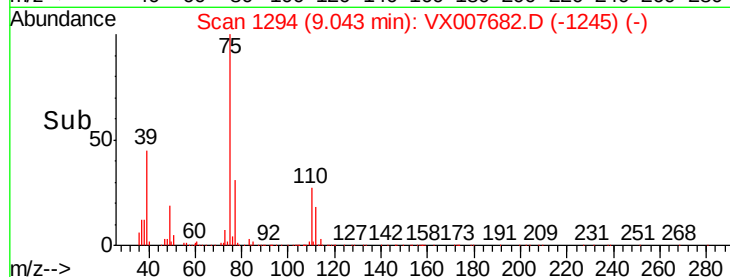
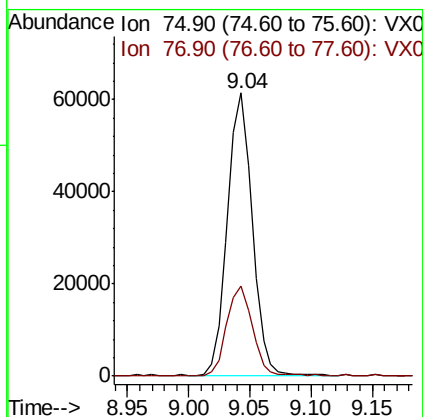
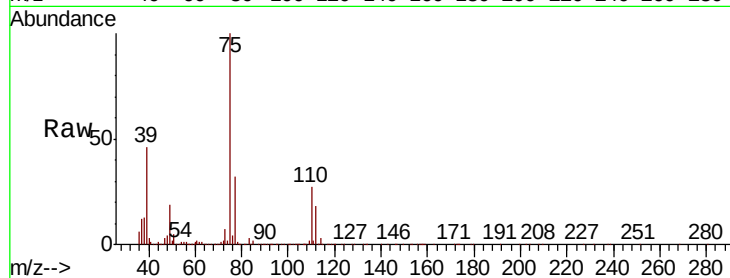
77 31.5 25.2 37.8

Manual Integrations

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#54

cis-1,3-Dichloropropene

Concen: 18.190 ug/l

RT: 8.43 min Scan# 1194

Delta R.T. 0.00 min

Lab File: VX007682.D

Acq: 25 Feb 2019 19:00

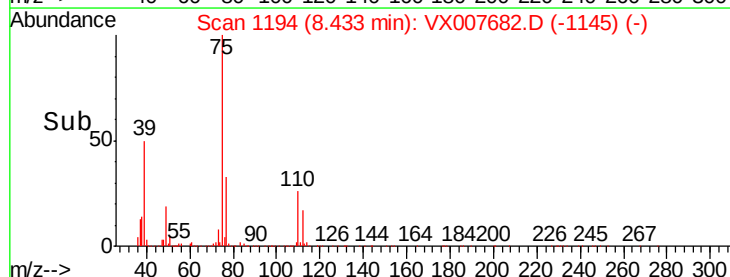
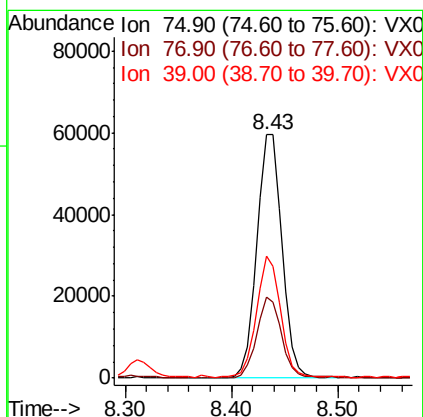
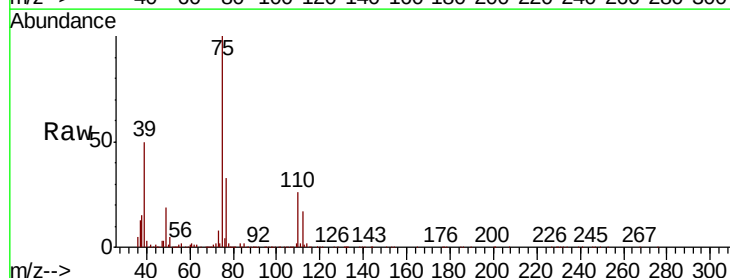
Tgt Ion: 75 Resp: 99596

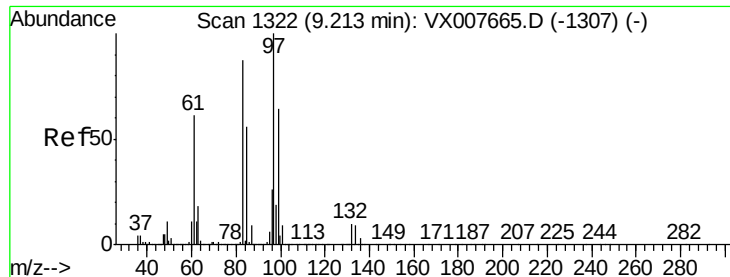
Ion Ratio Lower Upper

75 100

77 33.2 26.2 39.4

39 49.5 37.1 55.7





#55

1,1,2-Trichloroethane

Concen: 19.413 ug/l

RT: 9.21 min Scan# 1322

Delta R.T. 0.00 min

Lab File: VX007682.D

Acq: 25 Feb 2019 19:00

Instrument :

MSVOA_X

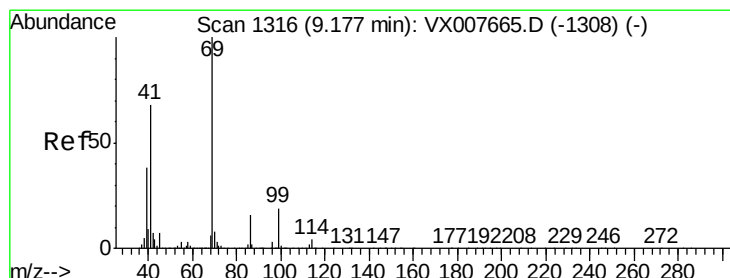
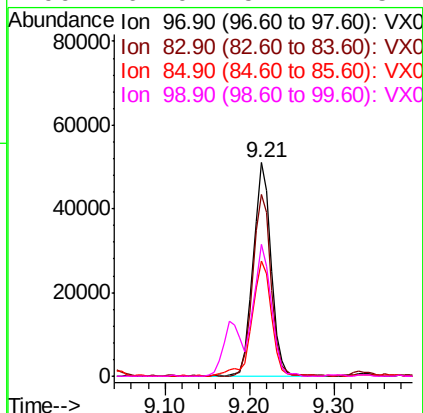
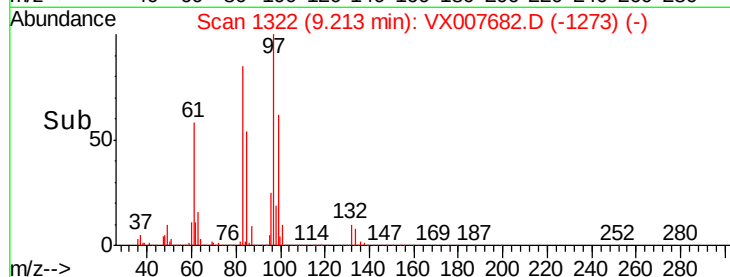
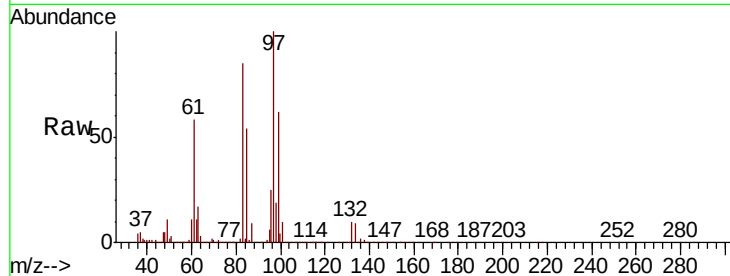
ClientSampleId :

VX0225WBSD01

Tot Ion:	97	Resp:	73543
Ion	Ratio	Lower	Upper
97	100		
83	84.8	68.6	102.8
85	53.8	44.5	66.7
99	62.0	52.2	78.4

Manual Integrations
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#56

Ethyl methacrylate

Concen: 19.011 ug/l

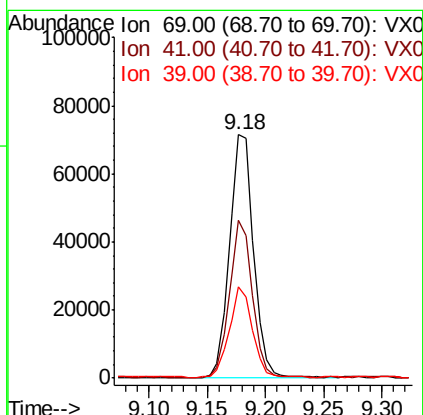
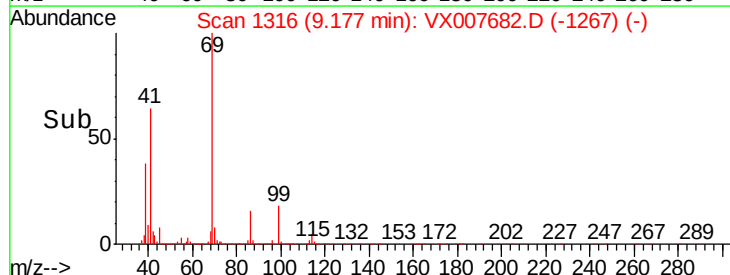
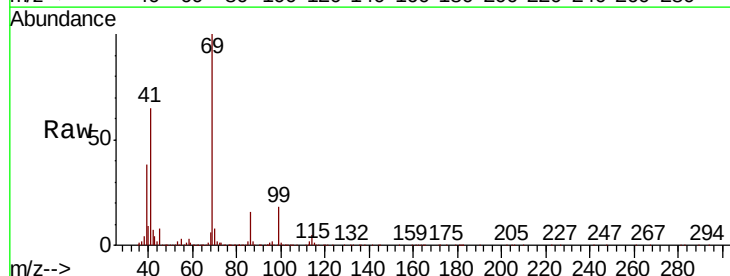
RT: 9.18 min Scan# 1316

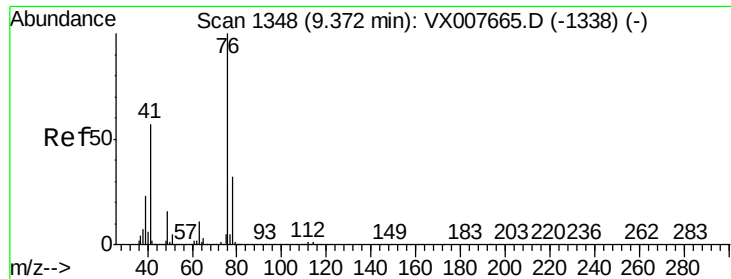
Delta R.T. 0.00 min

Lab File: VX007682.D

Acq: 25 Feb 2019 19:00

Tgt Ion:	69	Resp:	102420
Ion	Ratio	Lower	Upper
69	100		
41	62.3	52.1	78.1
39	35.5	30.1	45.1





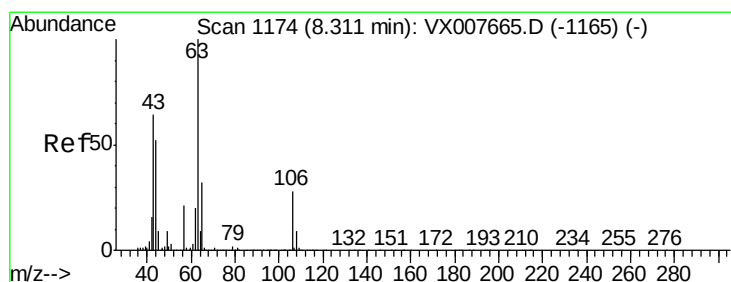
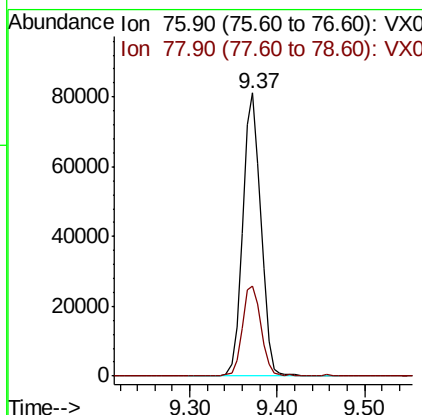
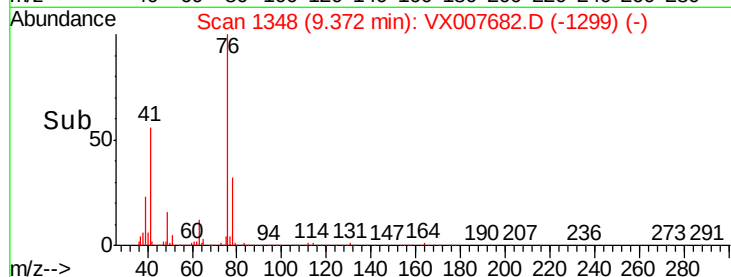
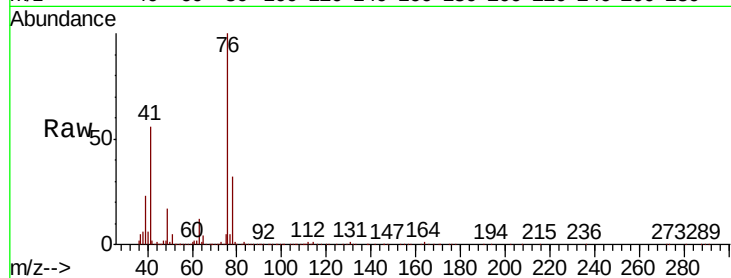
#57
 1,3-Dichloropropane
 Concen: 19.363 ug/l
 RT: 9.37 min Scan# 1348
 Delta R.T. 0.00 min
 Lab File: VX007682.D
 Acq: 25 Feb 2019 19:00

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0225WBSD01

Tot Ion	Ratio	Lower	Upper
76	100		
78	33.2	25.8	38.8

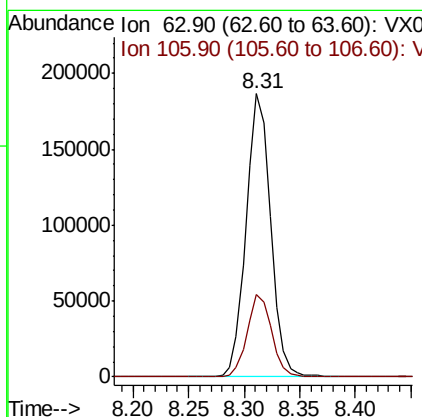
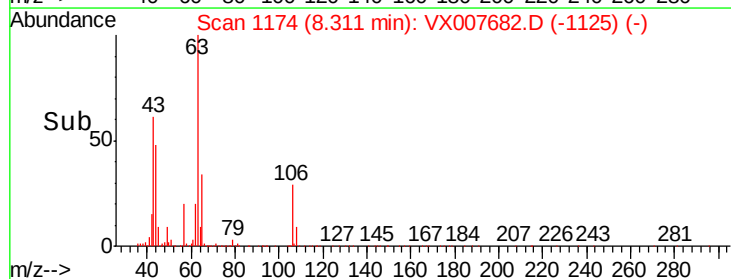
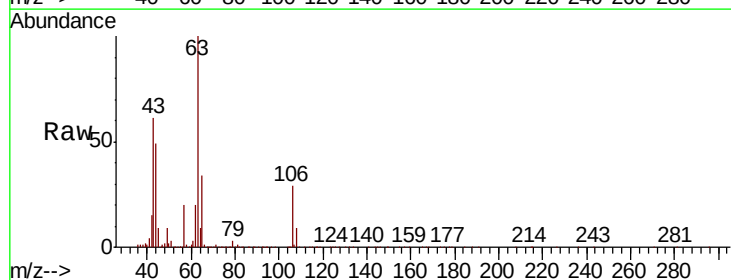
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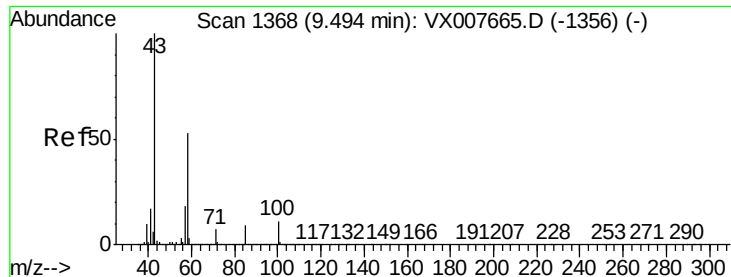
MMDadoda
 2/26/2019 2:58:03 PM



#58
 2-Chloroethyl Vinyl ether
 Concen: 96.009 ug/l
 RT: 8.31 min Scan# 1174
 Delta R.T. 0.00 min
 Lab File: VX007682.D
 Acq: 25 Feb 2019 19:00

Tgt Ion	Ratio	Lower	Upper
63	100		
106	29.1	23.6	35.4





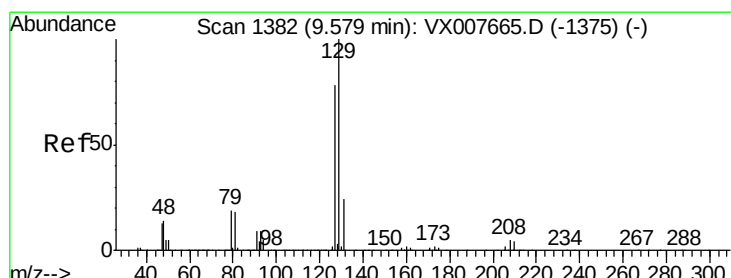
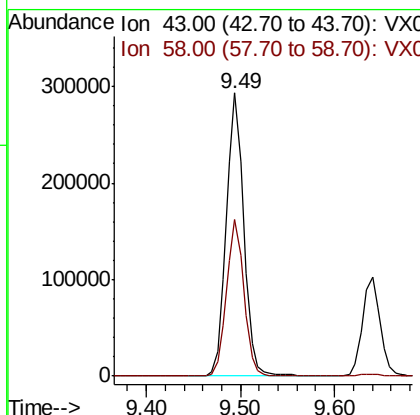
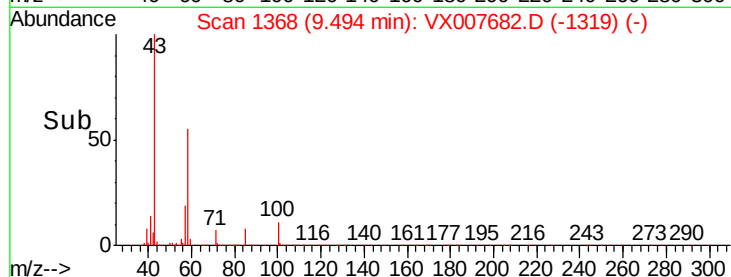
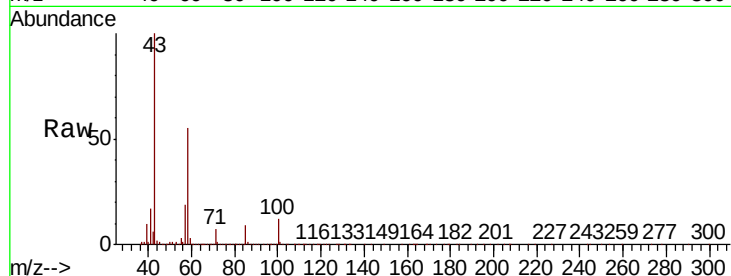
#59
2-Hexanone
Concen: 90.129 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. 0.00 min
Lab File: VX007682.D
Acq: 25 Feb 2019 19:00

Instrument :
MSVOA_X
ClientSampleId :
VX0225WBSD01

Tot Ion: 43 Resp: 377922
Ion Ratio Lower Upper
43 100
58 55.1 27.1 81.3

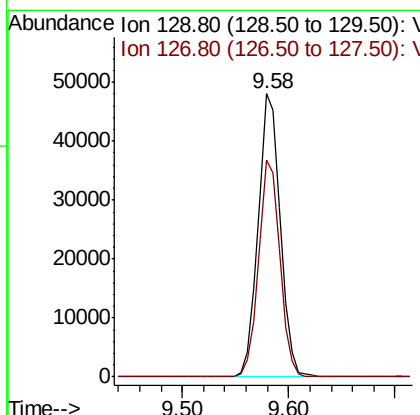
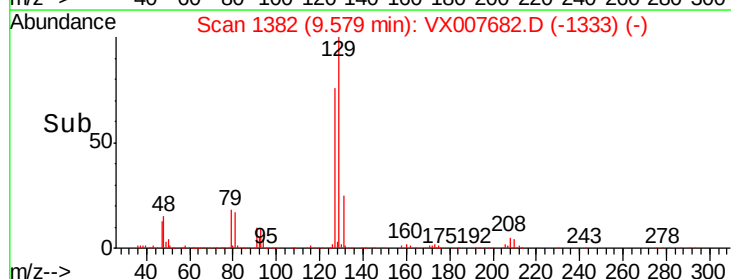
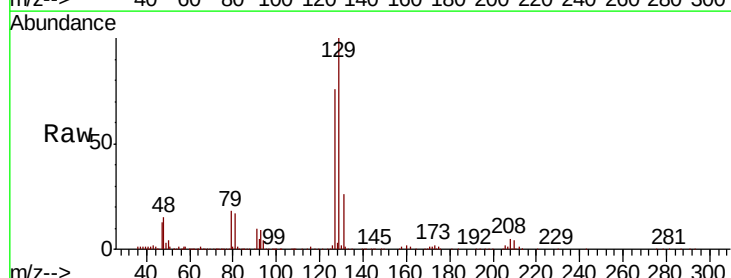
Manual Integrations
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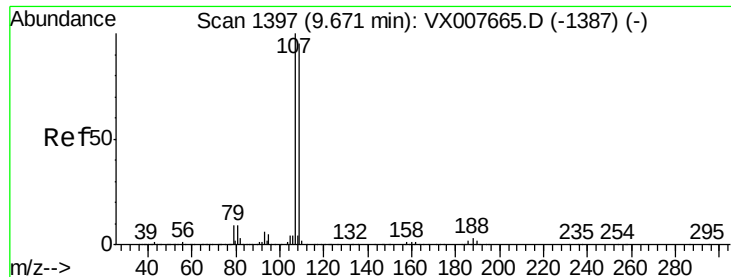
MMDadoda
2/26/2019 2:58:03 PM



#60
Dibromochloromethane
Concen: 19.244 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. 0.00 min
Lab File: VX007682.D
Acq: 25 Feb 2019 19:00

Tgt Ion: 129 Resp: 70152
Ion Ratio Lower Upper
129 100
127 74.0 37.8 113.4





#61

1,2-Dibromoethane

Concen: 19.386 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. 0.00 min

Lab File: VX007682.D

Acq: 25 Feb 2019 19:00

Instrument :

MSVOA_X

ClientSampleId :

VX0225WBSD01

Tot Ion:107 Resp: 76251

Ion Ratio Lower Upper

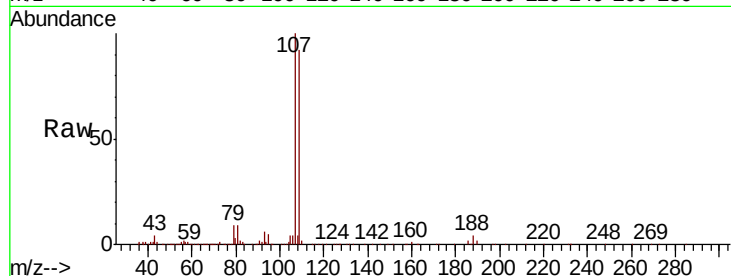
107 100

109 96.1 75.1 112.7

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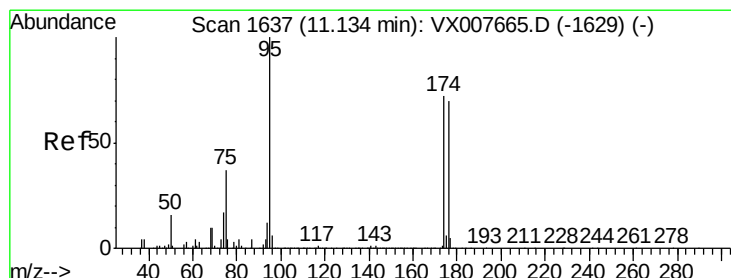
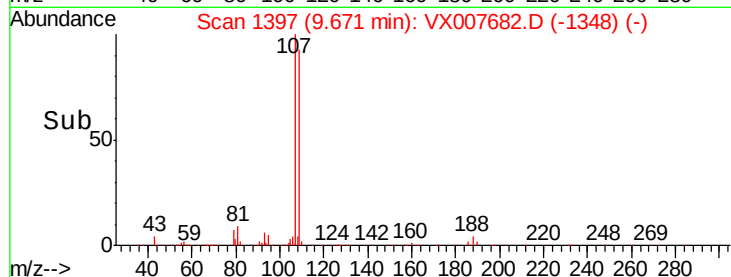
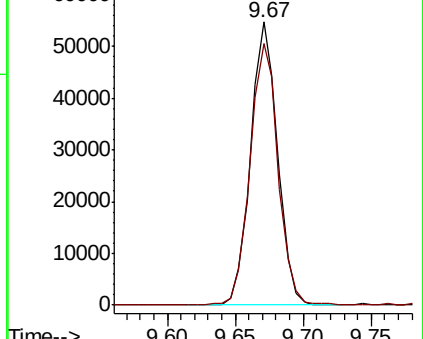
MMDadoda

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Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 45.066 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX007682.D

Acq: 25 Feb 2019 19:00

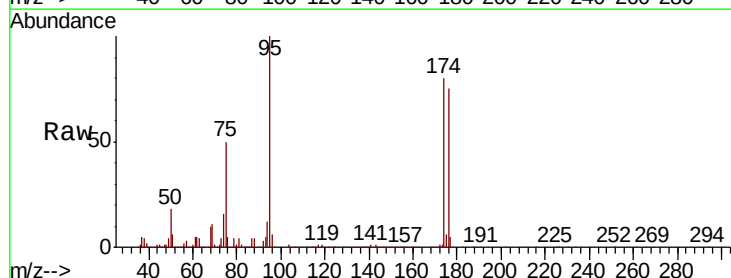
Tgt Ion: 95 Resp: 219744

Ion Ratio Lower Upper

95 100

174 85.0 0.0 189.2

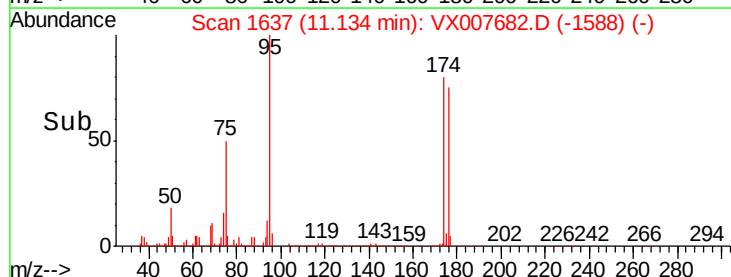
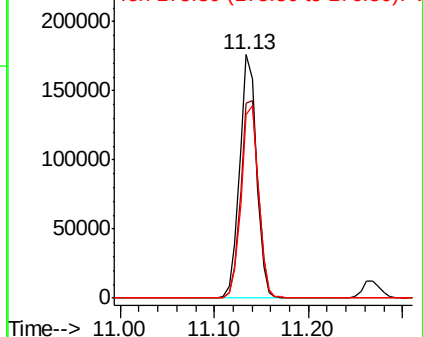
176 81.3 0.0 186.2

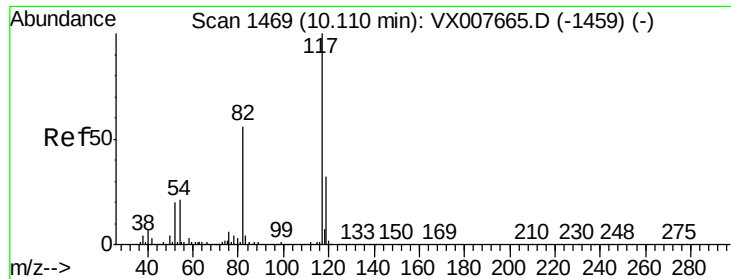


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





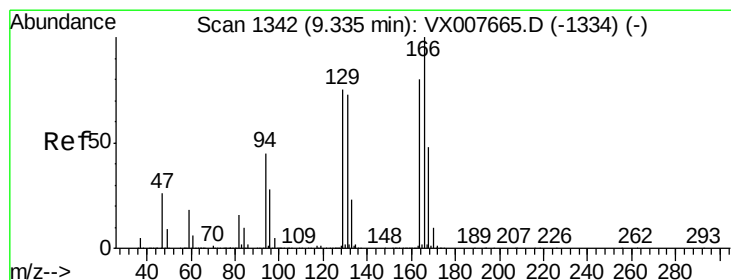
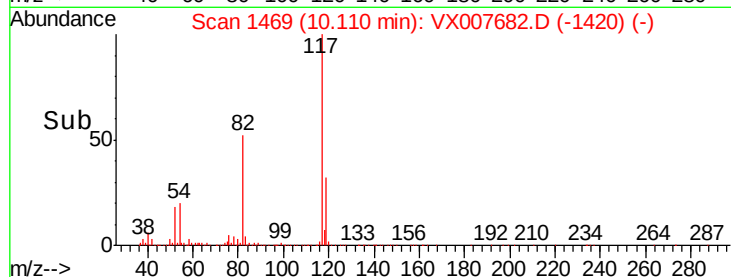
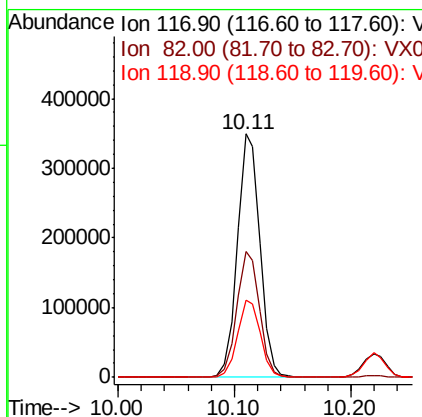
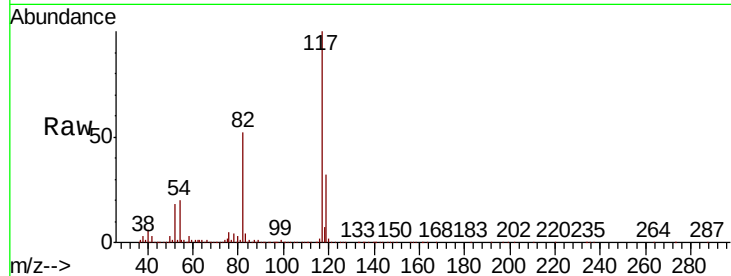
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX007682.D
Acq: 25 Feb 2019 19:00

Instrument :
MSVOA_X
ClientSampleId :
VX0225WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
117	100	471755		
82	51.8	42.1	63.1	
119	31.5	26.5	39.7	

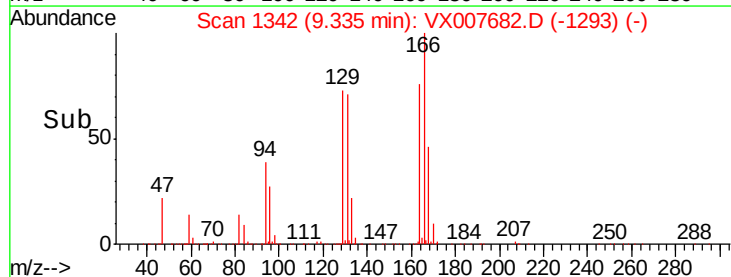
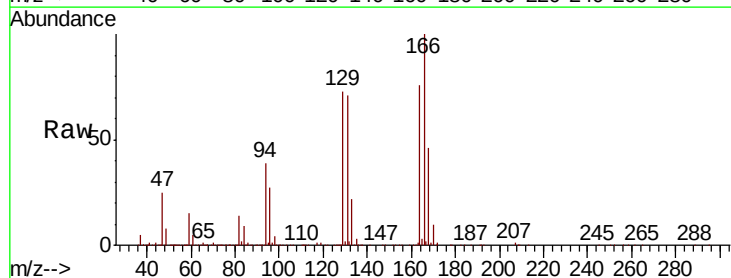
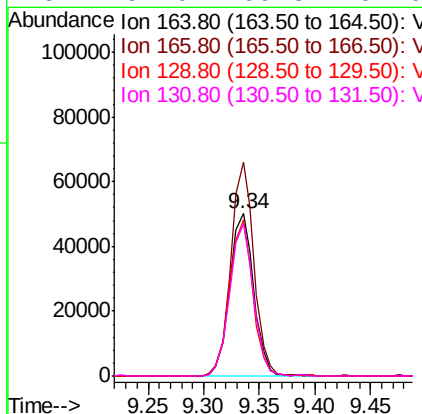
Manual Integrations
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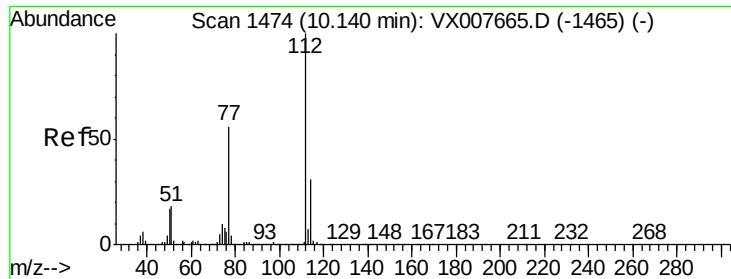
MMDadoda
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#64
Tetrachloroethene
Concen: 19.505 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX007682.D
Acq: 25 Feb 2019 19:00

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	74698		
166	131.8	101.0	151.4	
129	96.2	70.5	105.7	
131	94.0	69.8	104.6	





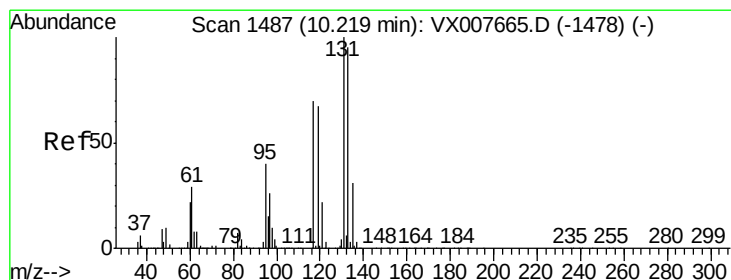
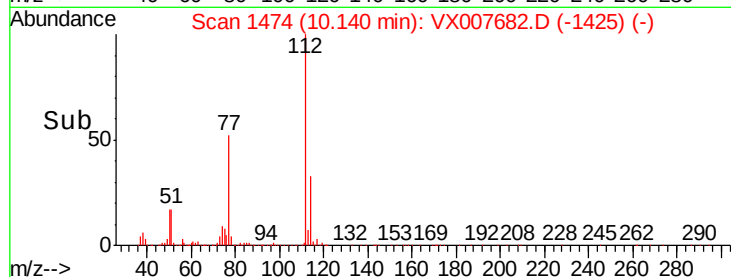
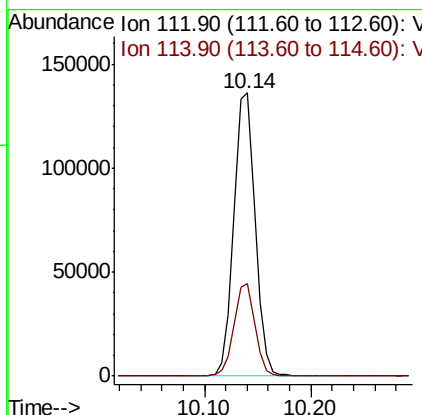
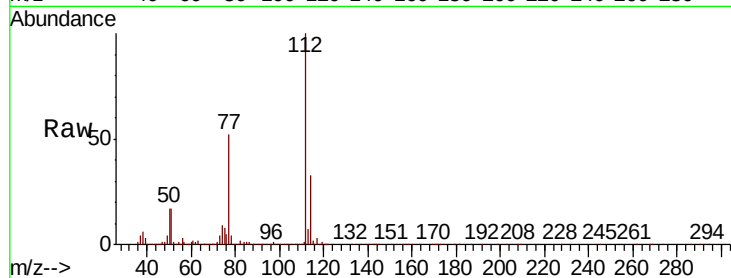
#65
Chlorobenzene
Concen: 18.981 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. 0.00 min
Lab File: VX007682.D
Acq: 25 Feb 2019 19:00

Instrument :
MSVOA_X
ClientSampleId :
VX0225WBSD01

Tot Ion	Ratio	Lower	Upper
112	100		
114	32.9	25.8	38.6

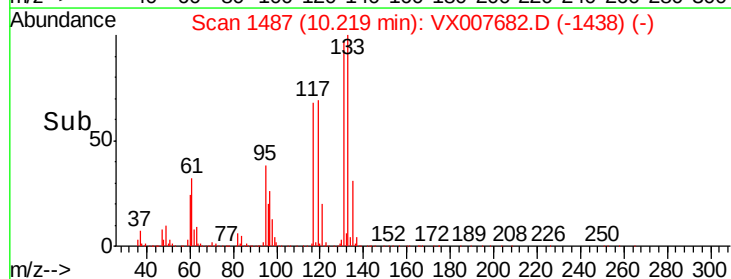
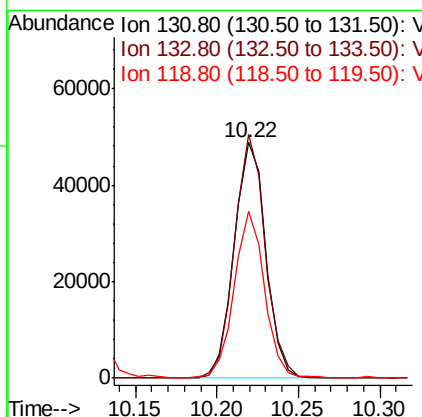
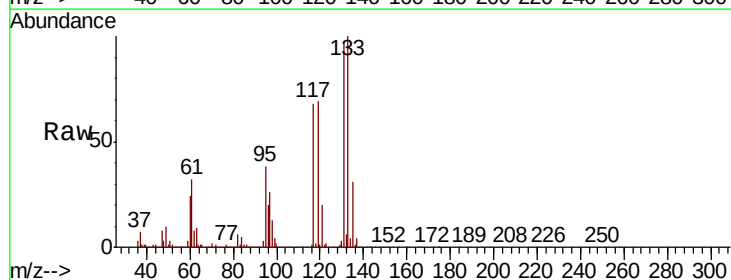
Manual Integrations
APPROVED

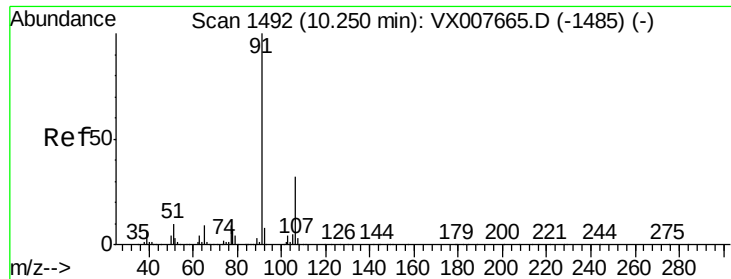
MMDadoda
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#66
1,1,1,2-Tetrachloroethane
Concen: 18.460 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VX007682.D
Acq: 25 Feb 2019 19:00

Tgt Ion	Ratio	Lower	Upper
131	100		
133	100.9	48.0	144.2
119	67.9	32.0	96.0





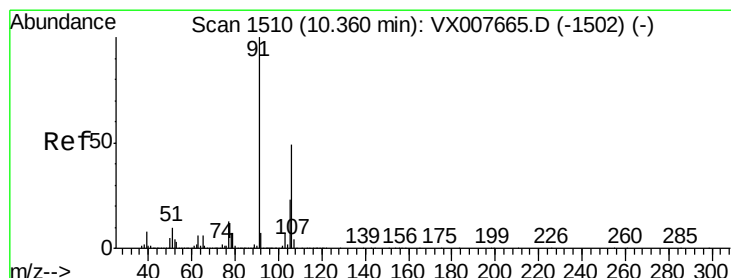
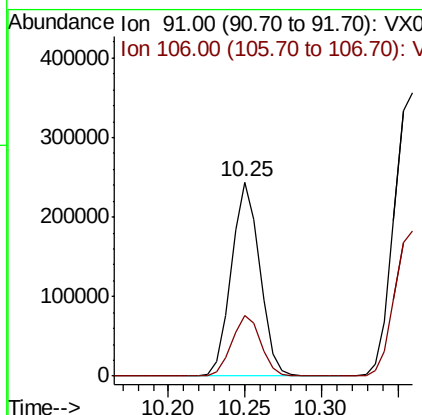
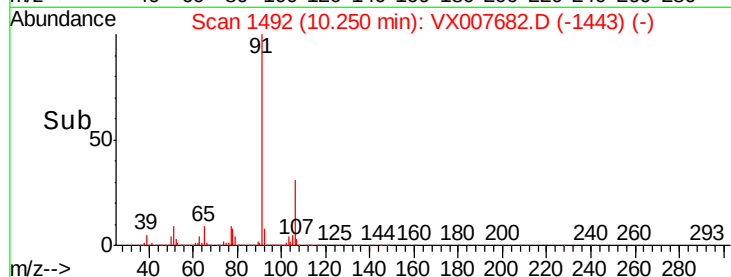
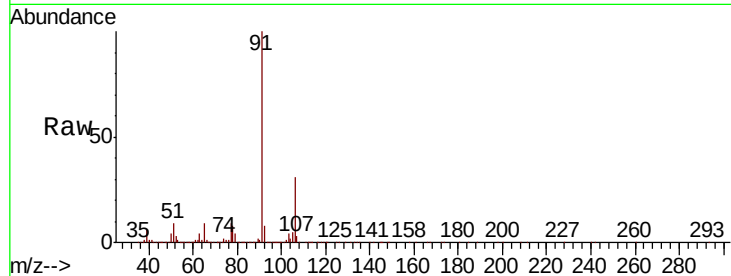
#67
Ethyl Benzene
Concen: 18.551 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VX007682.D
Acq: 25 Feb 2019 19:00

Instrument :
MSVOA_X
ClientSampleId :
VX0225WBSD01

Tot Ion: 91 Resp: 313542
Ion Ratio Lower Upper
91 100
106 31.2 25.4 38.0

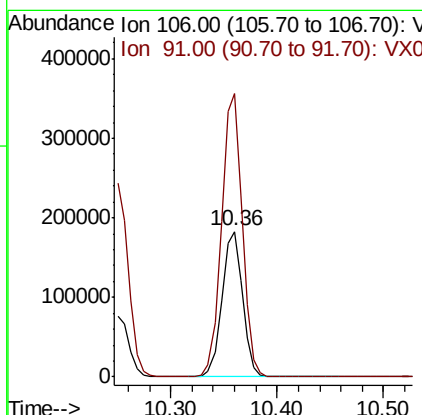
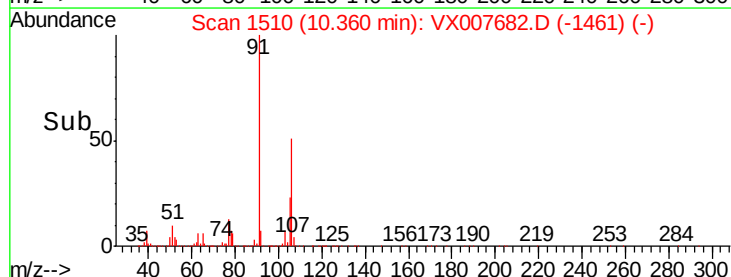
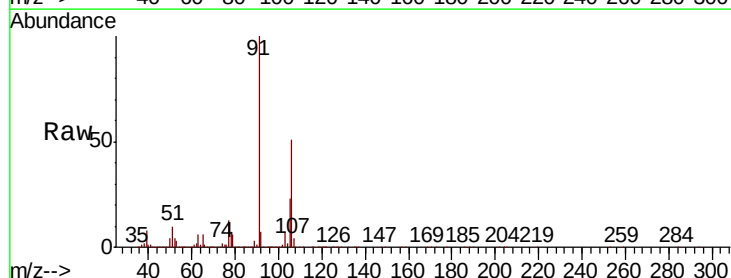
Manual Integrations
APPROVED

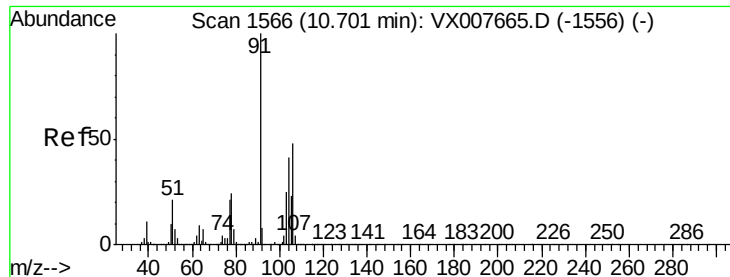
MMDadoda
2/26/2019 2:58:03 PM



#68
m/p-Xylenes
Concen: 37.577 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. 0.00 min
Lab File: VX007682.D
Acq: 25 Feb 2019 19:00

Tgt Ion: 106 Resp: 247086
Ion Ratio Lower Upper
106 100
91 195.6 156.6 234.8





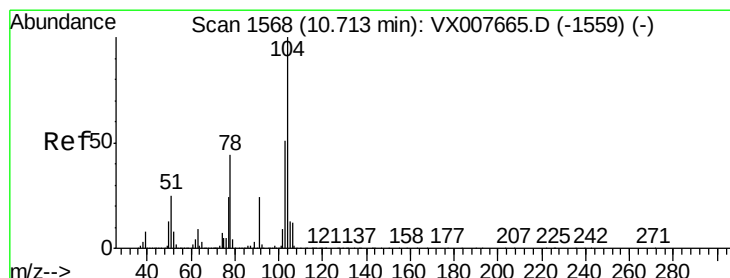
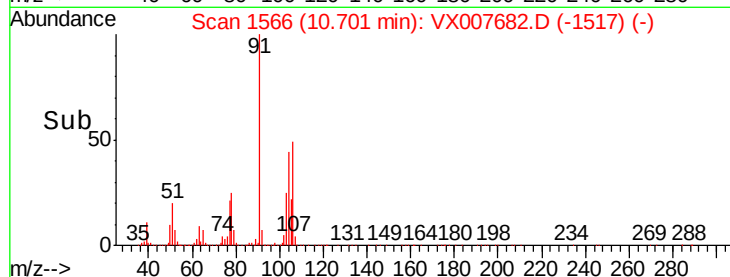
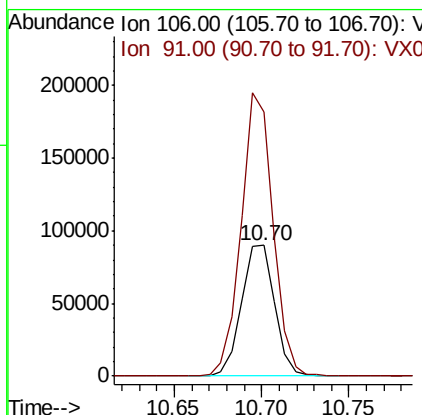
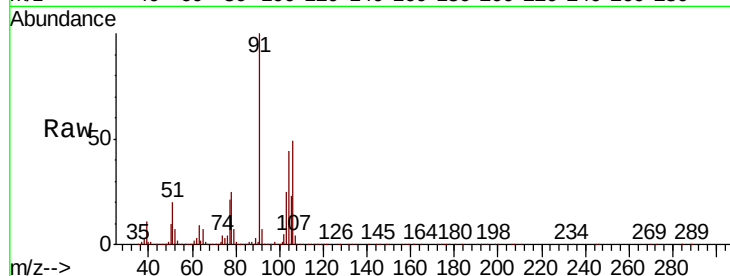
#69
o-Xylene
Concen: 18.857 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. 0.00 min
Lab File: VX007682.D
Acq: 25 Feb 2019 19:00

Instrument :
MSVOA_X
ClientSampleId :
VX0225WBSD01

Tot Ion	Ratio	Lower	Upper
106	100		
91	206.7	102.9	308.7

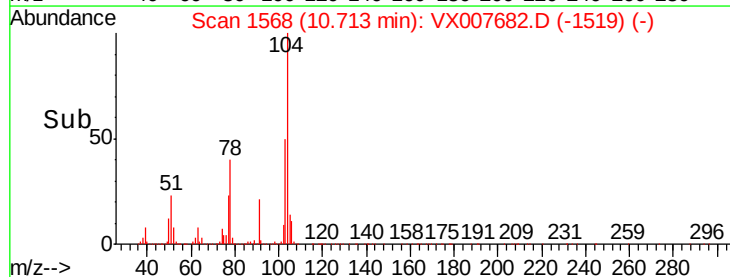
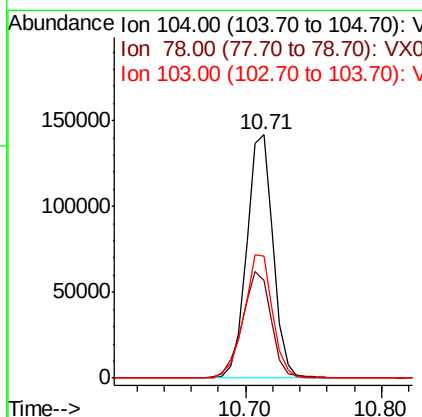
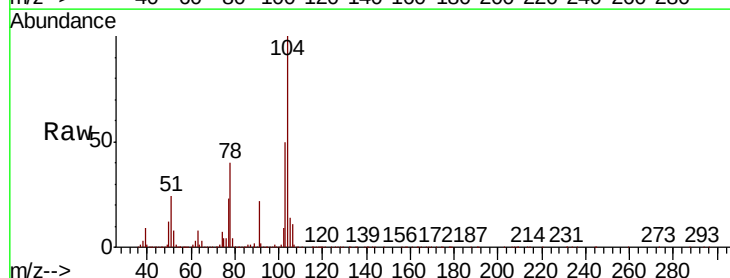
Manual Integrations
APPROVED

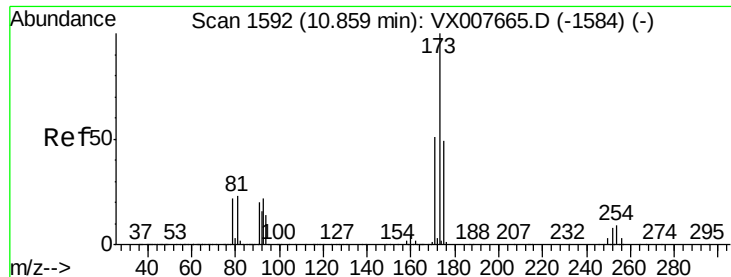
MMDadoda
2/26/2019 2:58:03 PM



#70
Styrene
Concen: 18.417 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX007682.D
Acq: 25 Feb 2019 19:00

Tgt Ion	Ratio	Lower	Upper
104	100		
78	48.1	38.3	57.5
103	54.9	44.6	67.0





#71

Bromoform

Concen: 17.481 ug/l

RT: 10.85 min Scan# 1591

Delta R.T. -0.01 min

Lab File: VX007682.D

Acq: 25 Feb 2019 19:00

Instrument :

MSVOA_X

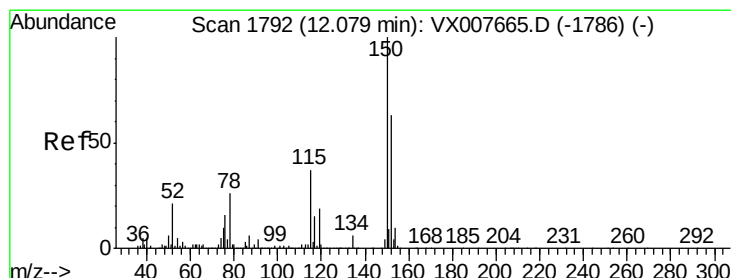
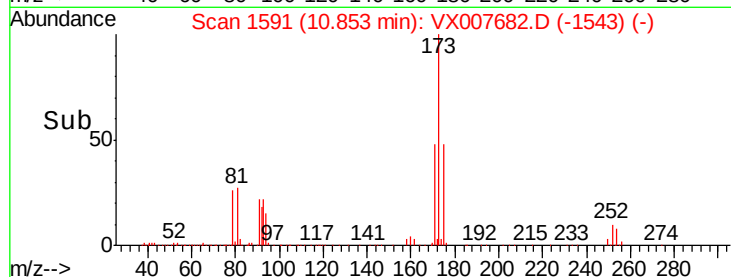
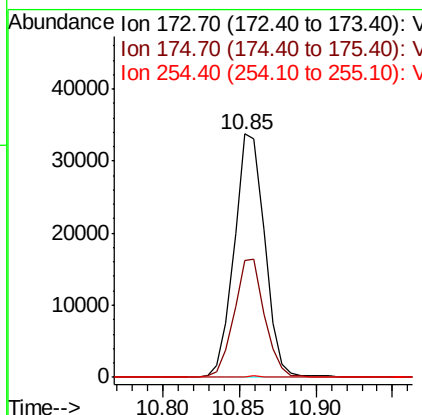
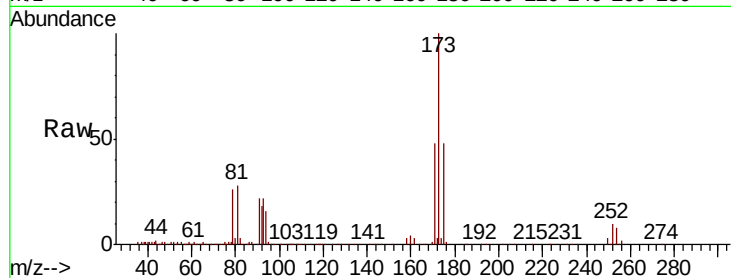
ClientSampleId :

VX0225WBSD01

Tot Ion:	173	Resp:	46654
Ion Ratio	Lower	Upper	
173	100		
175	48.6	24.2	72.6
254	0.6	0.2	0.2#

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#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

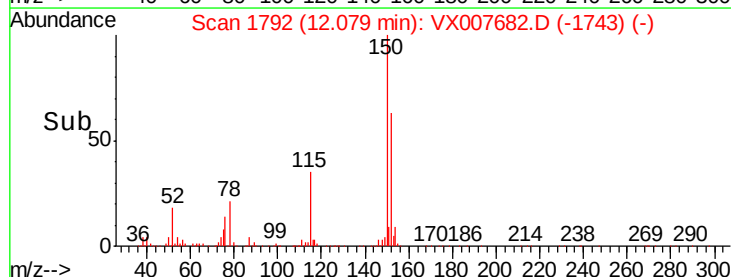
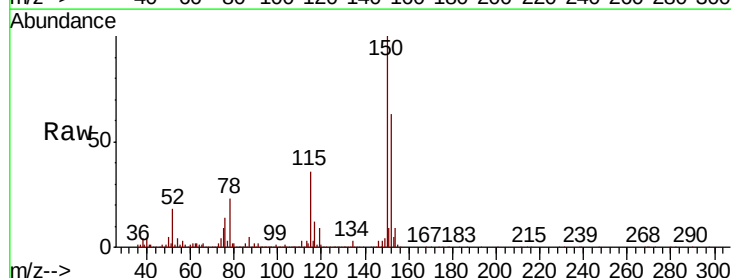
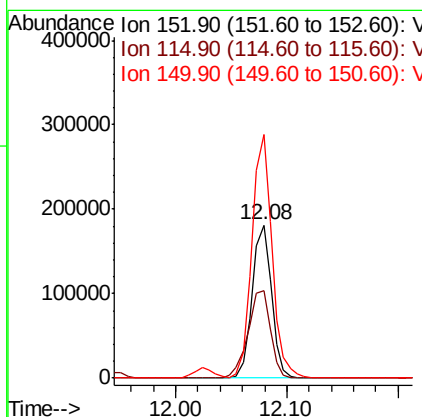
RT: 12.08 min Scan# 1792

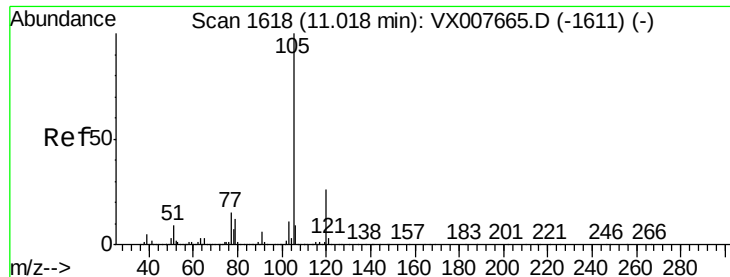
Delta R.T. 0.00 min

Lab File: VX007682.D

Acq: 25 Feb 2019 19:00

Tgt Ion:	152	Resp:	219735
Ion Ratio	Lower	Upper	
152	100		
115	66.4	38.0	114.0
150	164.1	0.0	346.4





#73

Isopropylbenzene

Concen: 19.961 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX007682.D

Acq: 25 Feb 2019 19:00

Instrument :

MSVOA_X

ClientSampleId :

VX0225WBSD01

Tot Ion: 105 Resp: 313478

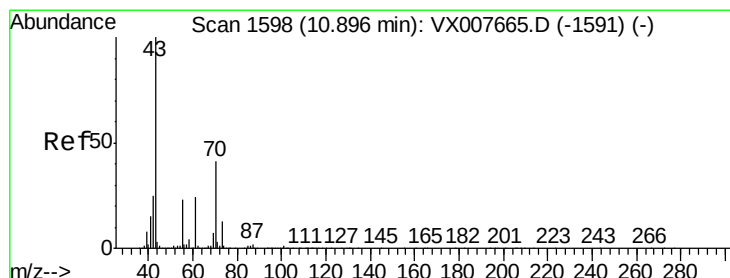
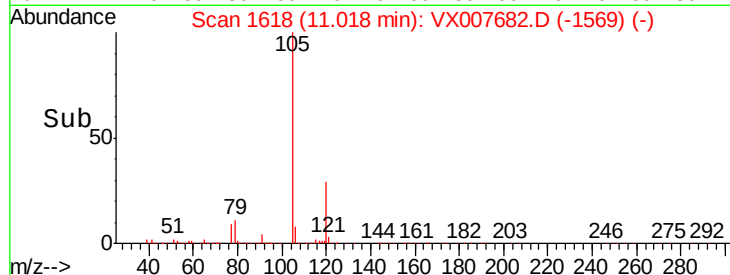
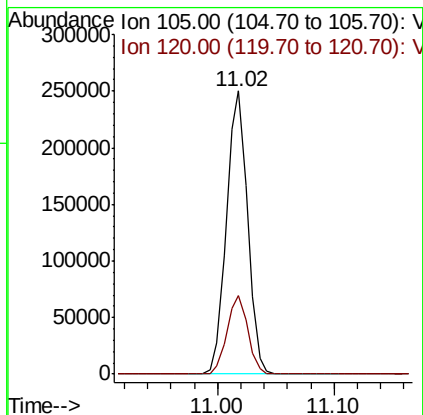
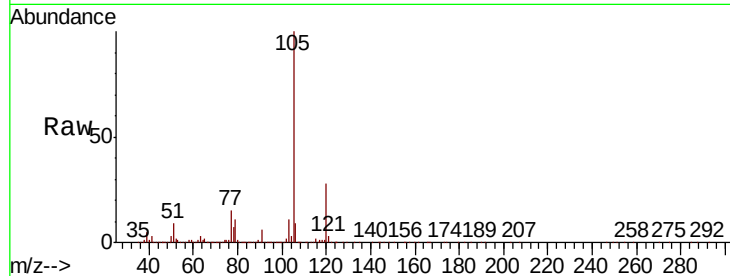
Ion Ratio Lower Upper

105 100

120 27.5 13.6 40.7

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#74

N-ethyl acetate

Concen: 18.734 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. 0.00 min

Lab File: VX007682.D

Acq: 25 Feb 2019 19:00

Tgt Ion: 43 Resp: 127763

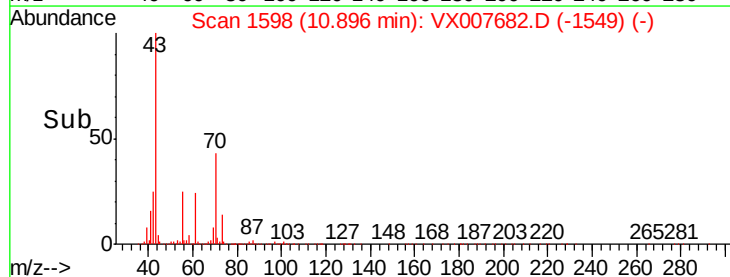
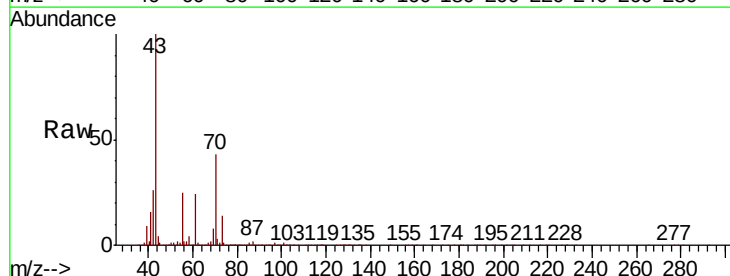
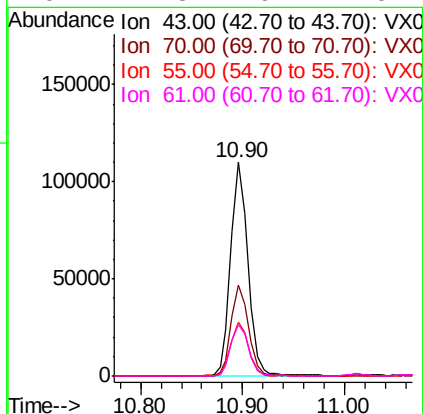
Ion Ratio Lower Upper

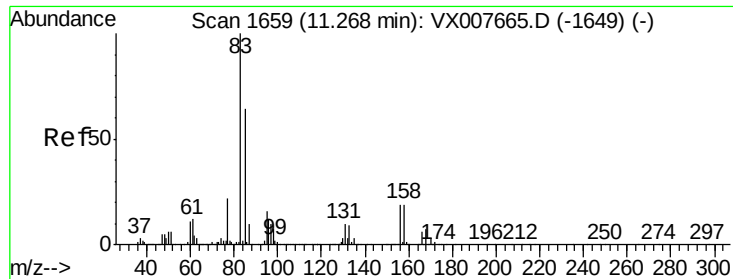
43 100

70 42.8 33.8 50.6

55 25.6 19.5 29.3

61 24.3 19.4 29.2





#75

1,1,2,2-Tetrachloroethane

Concen: 19.474 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. 0.00 min

Lab File: VX007682.D

Acq: 25 Feb 2019 19:00

Instrument :

MSVOA_X

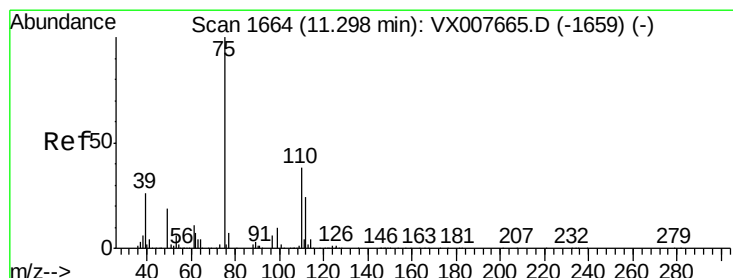
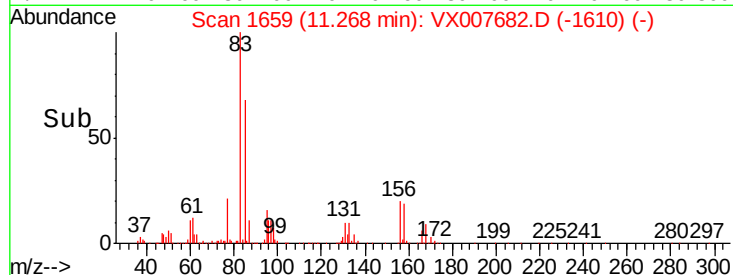
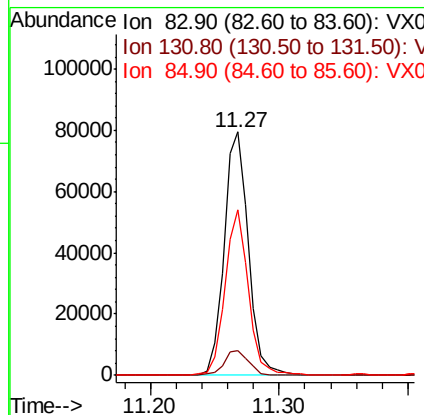
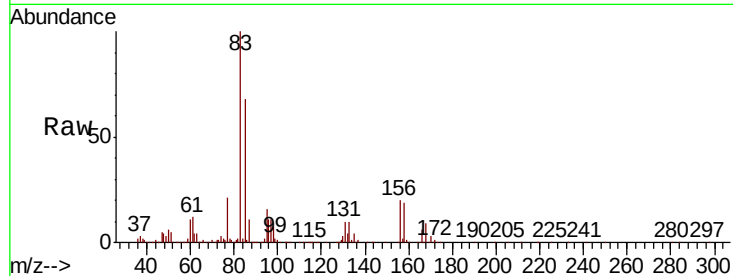
ClientSampleId :

VX0225WBSD01

Tot Ion:	83	Resp:	105778
Ion Ratio	Lower	Upper	
83	100		
131	10.3	5.7	17.0
85	65.4	32.8	98.3

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 21.819 ug/l m

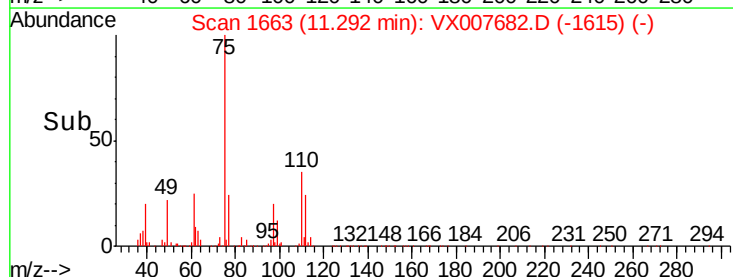
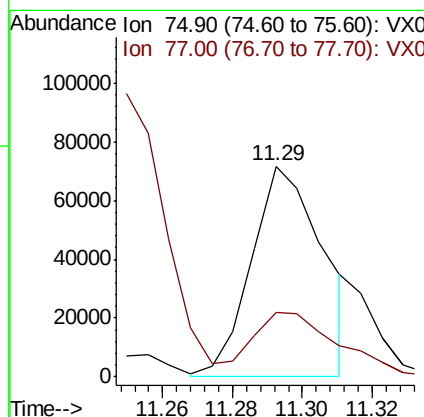
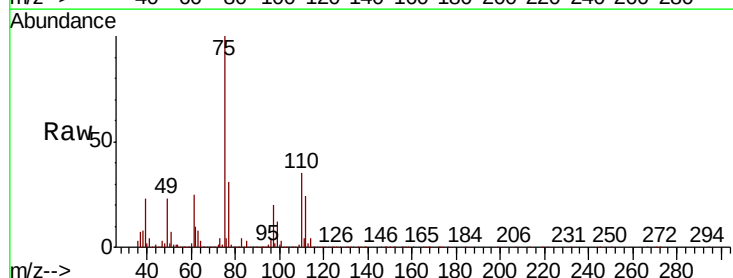
RT: 11.29 min Scan# 1663

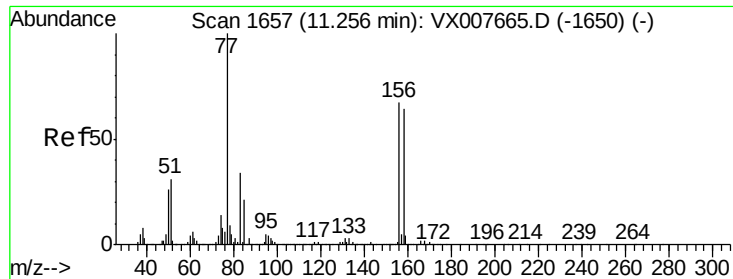
Delta R.T. -0.01 min

Lab File: VX007682.D

Acq: 25 Feb 2019 19:00

Tgt Ion:	75	Resp:	102196
Ion Ratio	Lower	Upper	
75	100		
77	37.5	23.0	69.0





#77

Bromobenzene

Concen: 21.103 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. 0.00 min

Lab File: VX007682.D

Acq: 25 Feb 2019 19:00

Instrument :

MSVOA_X

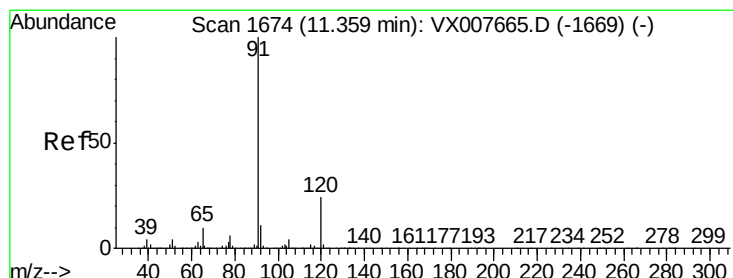
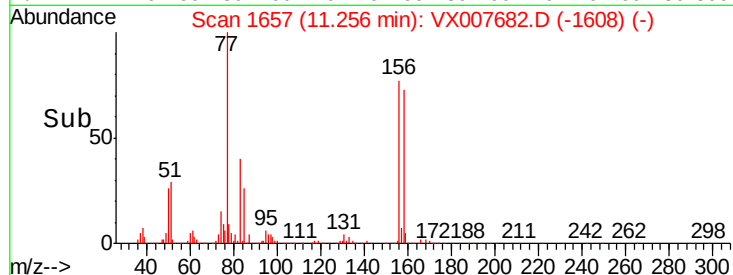
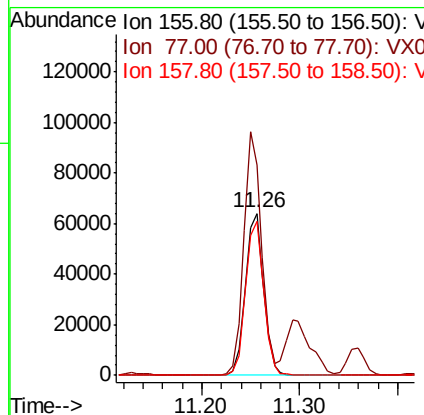
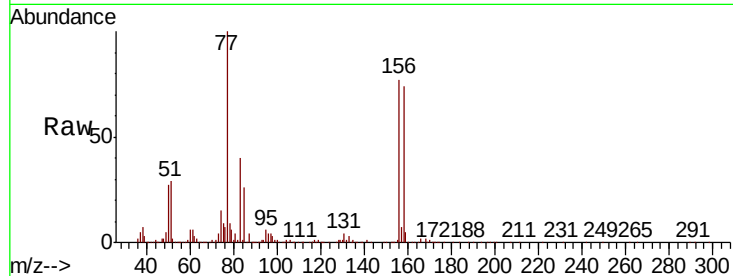
ClientSampleId :

VX0225WBSD01

Tot Ion:	156	Resp:	83125
Ion Ratio	Lower	Upper	
156	100		
77	145.3	66.8	200.6
158	95.3	47.9	143.8

Manual Integrations
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#78

n-propylbenzene

Concen: 19.690 ug/l

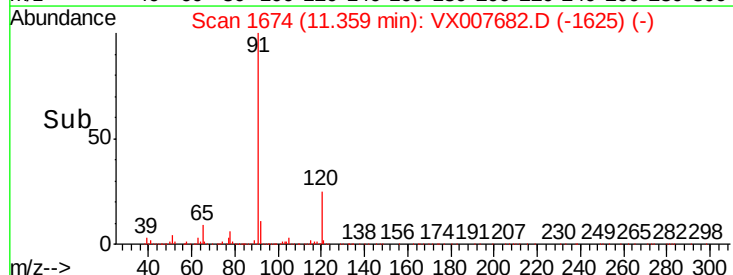
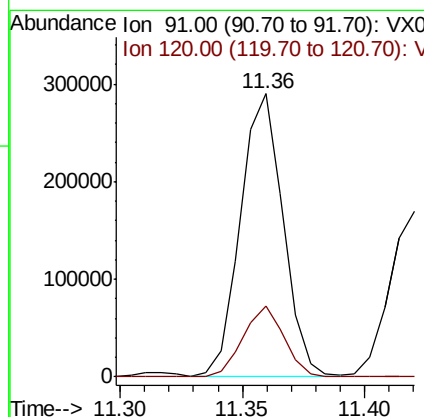
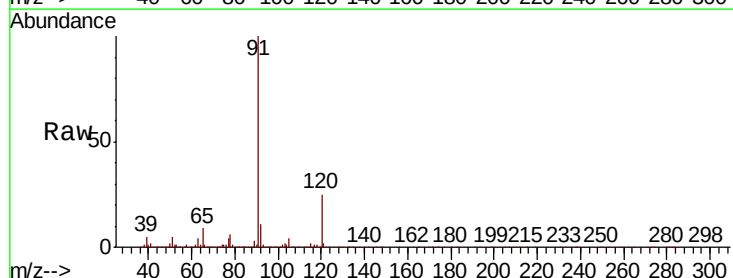
RT: 11.36 min Scan# 1674

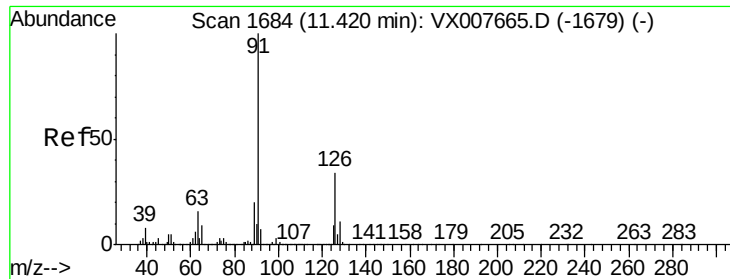
Delta R.T. 0.00 min

Lab File: VX007682.D

Acq: 25 Feb 2019 19:00

Tgt Ion:	91	Resp:	349425
Ion Ratio	Lower	Upper	
91	100		
120	24.3	12.4	37.2





#79

2-Chlorotoluene

Concen: 19.747 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. 0.00 min

Lab File: VX007682.D

Acq: 25 Feb 2019 19:00

Instrument :

MSVOA_X

ClientSampleId :

VX0225WBSD01

Tot Ion: 91 Resp: 211012

Ion Ratio Lower Upper

91 100

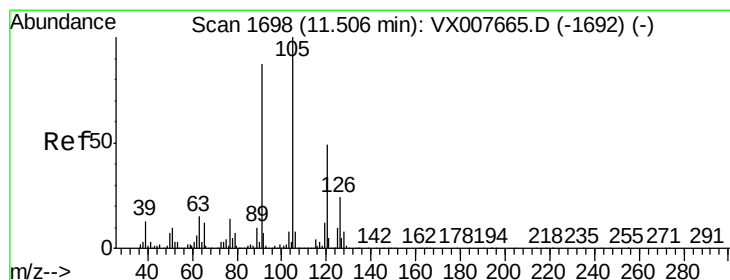
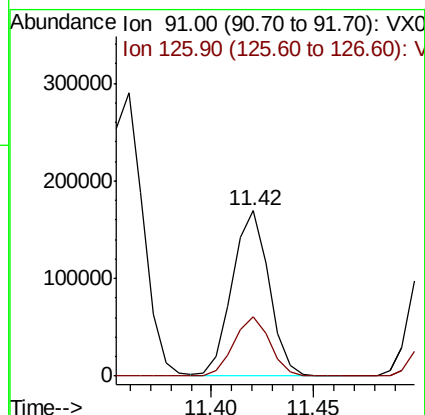
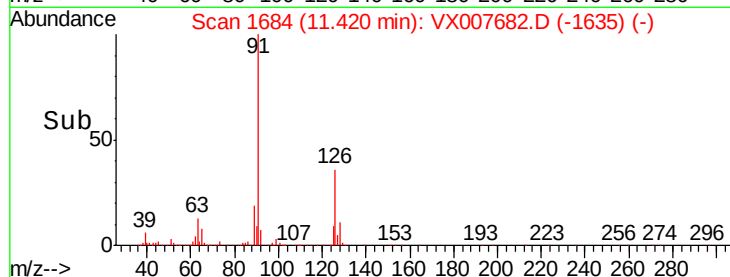
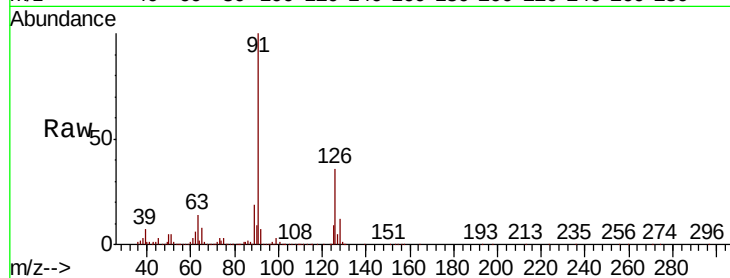
126 35.4 18.7 56.1

Manual Integrations

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#80

1,3,5-Trimethylbenzene

Concen: 19.626 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX007682.D

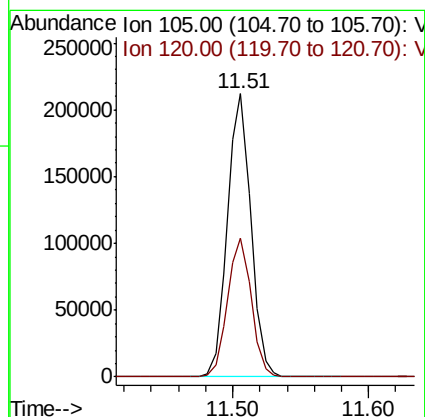
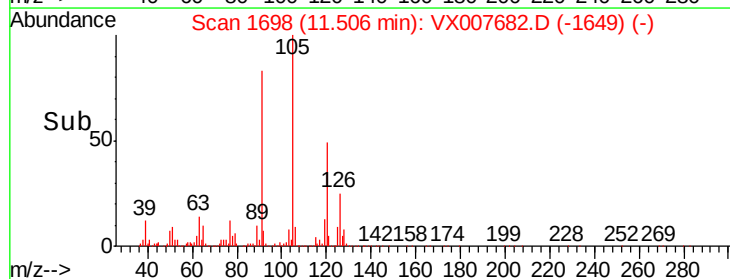
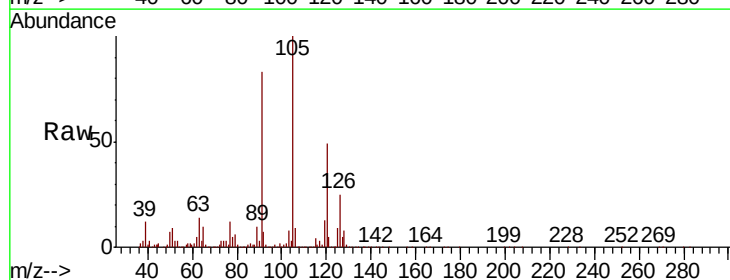
Acq: 25 Feb 2019 19:00

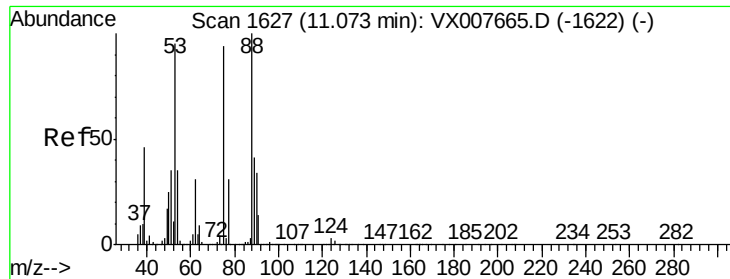
Tgt Ion: 105 Resp: 253525

Ion Ratio Lower Upper

105 100

120 49.7 25.3 75.8





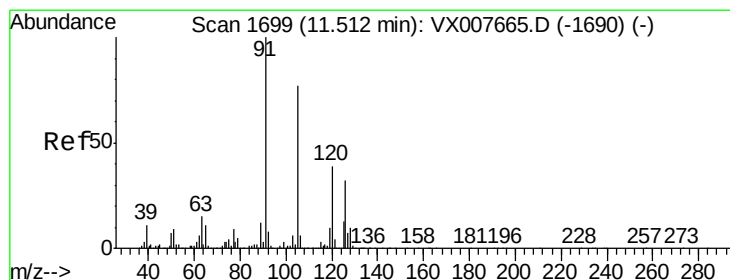
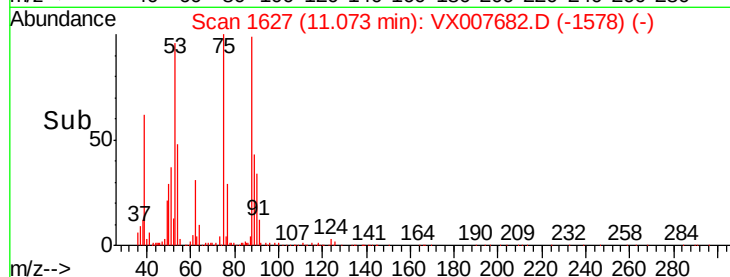
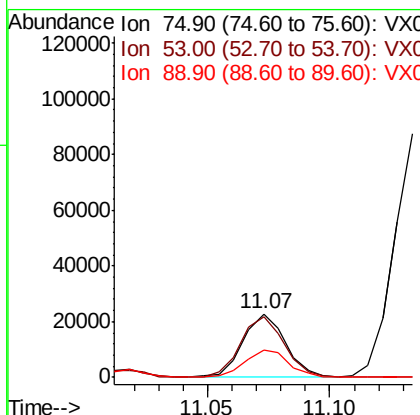
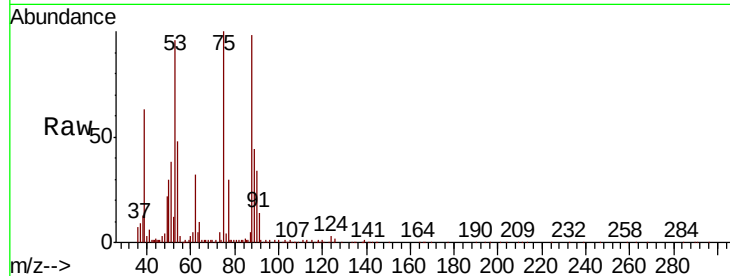
#81
trans-1,4-Dichloro-2-butene
Concen: 17.666 ug/l
RT: 11.07 min Scan# 1627
Delta R.T. 0.00 min
Lab File: VX007682.D
Acq: 25 Feb 2019 19:00

Instrument :
MSVOA_X
ClientSampleId :
VX0225WBSD01

Tot Ion	Ratio	Lower	Upper
75	100		
53	99.8	81.0	121.6
89	45.6	41.4	62.0

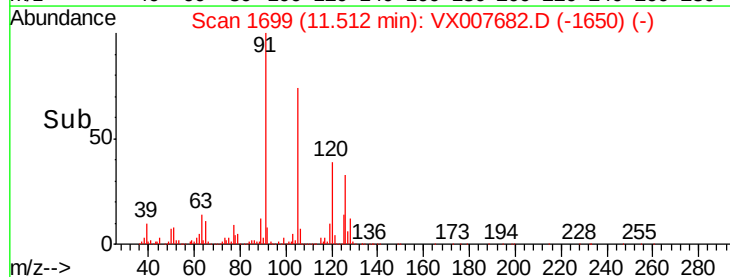
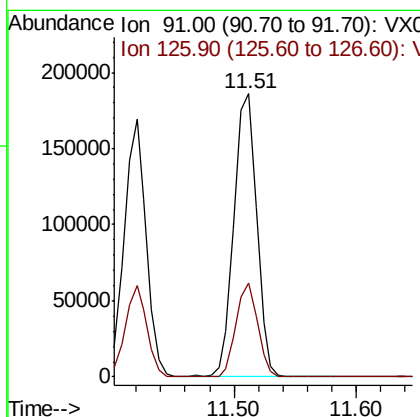
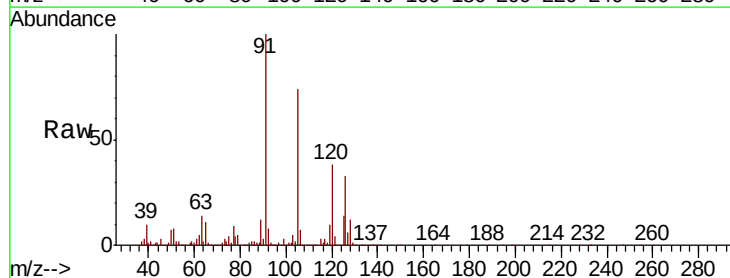
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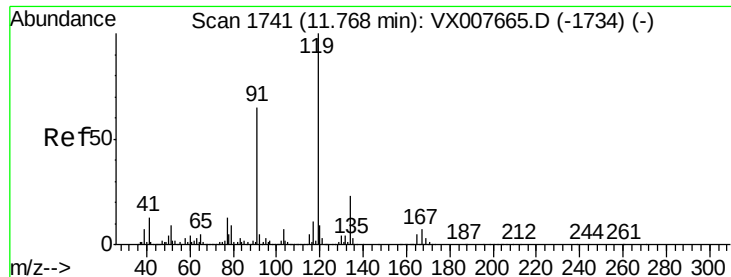
MMDadoda
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#82
4-Chlorotoluene
Concen: 19.090 ug/l
RT: 11.51 min Scan# 1699
Delta R.T. 0.00 min
Lab File: VX007682.D
Acq: 25 Feb 2019 19:00

Tgt Ion	Ratio	Lower	Upper
91	100		
126	31.3	16.2	48.5





#83

tert-Butylbenzene

Concen: 19.524 ug/l

RT: 11.77 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VX007682.D

Acq: 25 Feb 2019 19:00

Instrument :

MSVOA_X

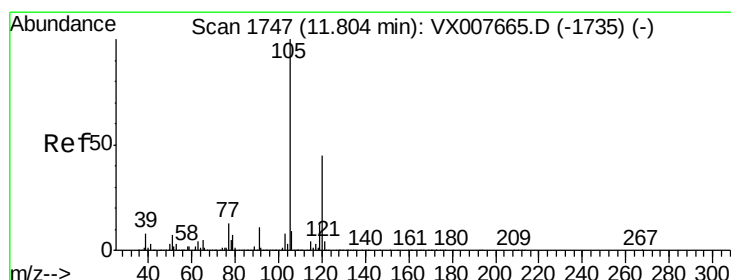
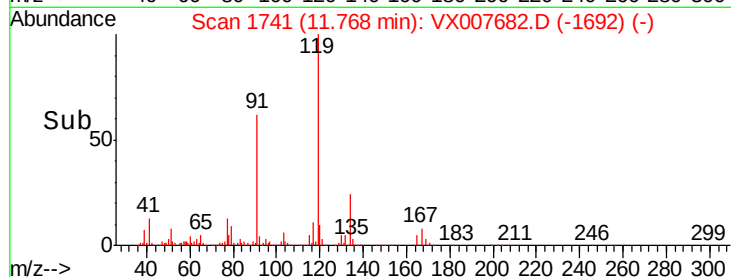
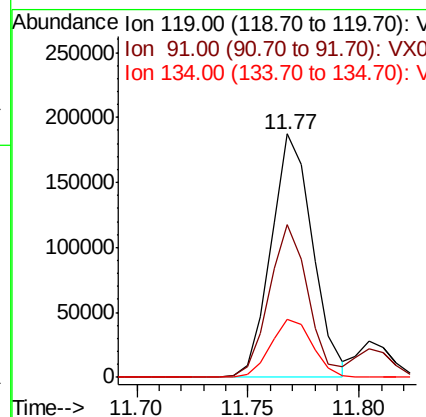
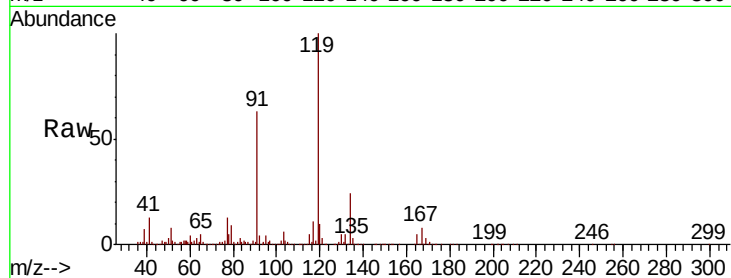
ClientSampleId :

VX0225WBSD01

Tot Ion:	119	Resp:	242156
Ion Ratio	Lower	Upper	
119	100		
91	59.1	28.5	85.6
134	24.2	12.0	36.0

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#84

1,2,4-Trimethylbenzene

Concen: 20.004 ug/l

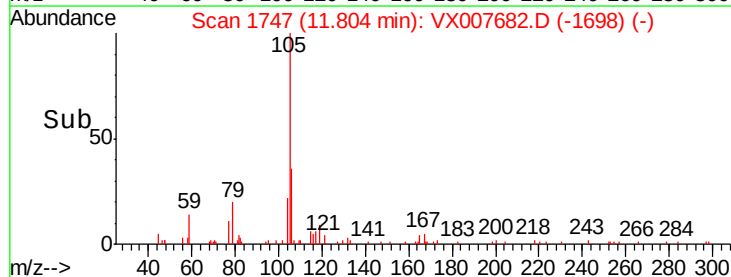
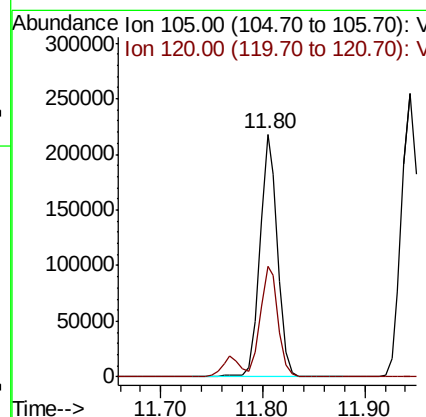
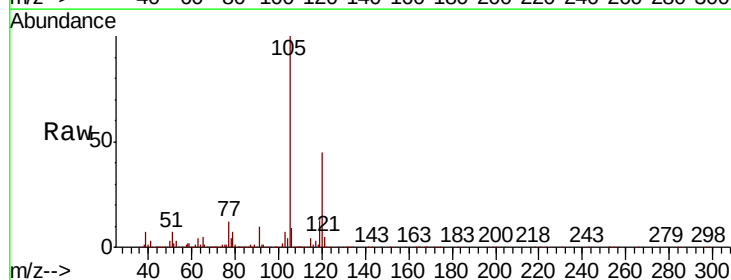
RT: 11.80 min Scan# 1747

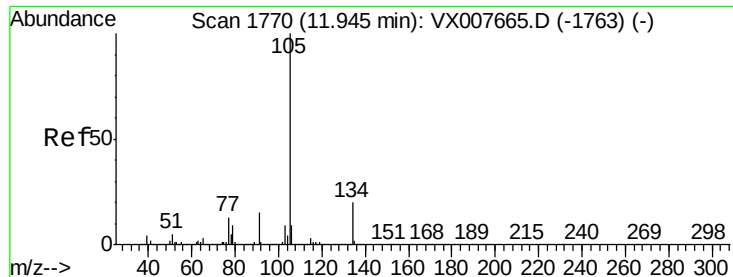
Delta R.T. 0.00 min

Lab File: VX007682.D

Acq: 25 Feb 2019 19:00

Tgt Ion:	105	Resp:	264333
Ion Ratio	Lower	Upper	
105	100		
120	45.7	23.1	69.3





#85

sec-Butylbenzene

Concen: 19.282 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. 0.00 min

Lab File: VX007682.D

Acq: 25 Feb 2019 19:00

Instrument :

MSVOA_X

ClientSampleId :

VX0225WBSD01

Tot Ion:105 Resp: 299682

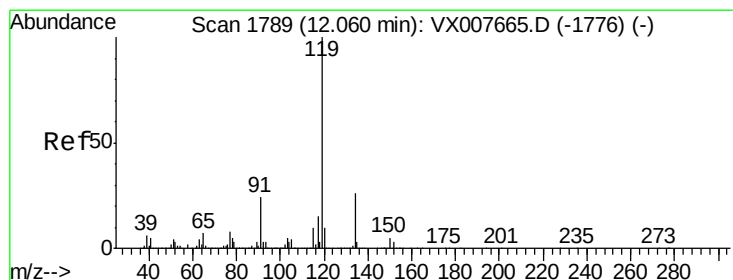
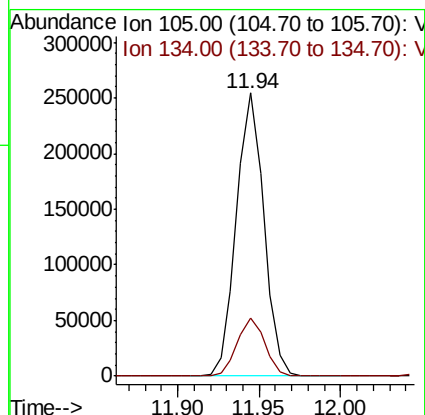
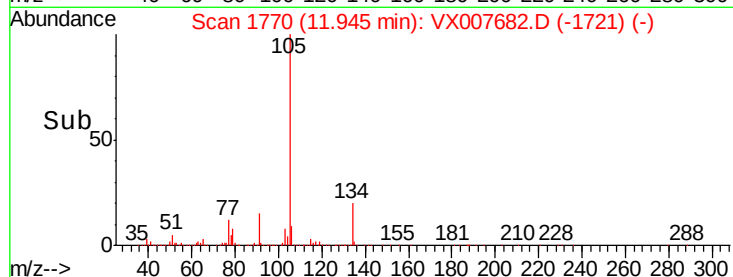
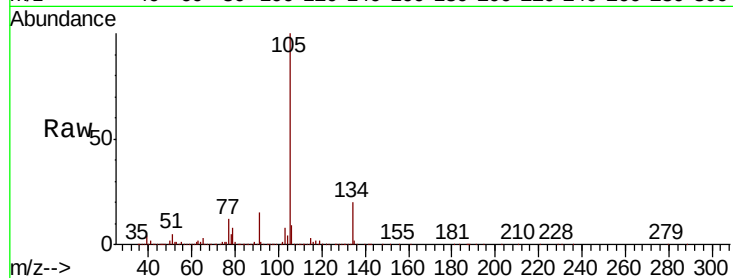
Ion Ratio Lower Upper

105 100

134 20.7 10.6 31.8

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#86

p-Isopropyltoluene

Concen: 19.212 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. 0.00 min

Lab File: VX007682.D

Acq: 25 Feb 2019 19:00

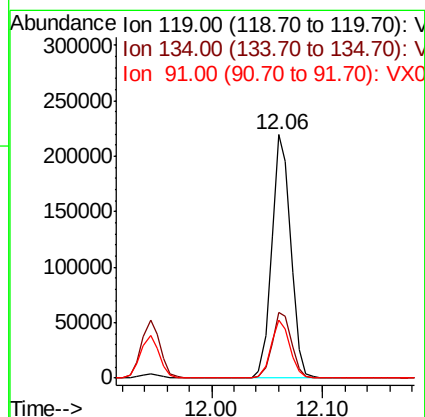
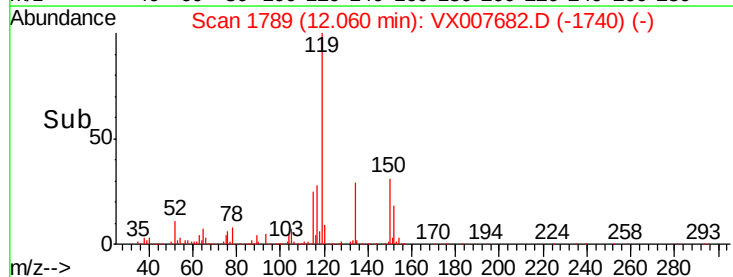
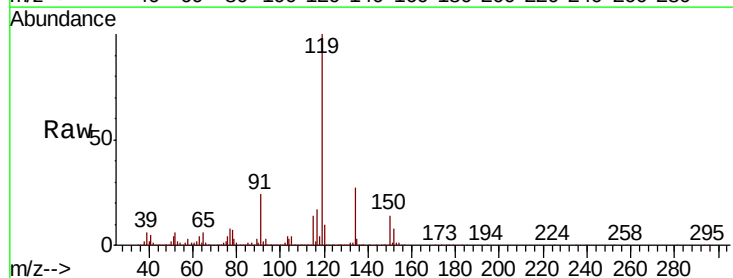
Tgt Ion:119 Resp: 261505

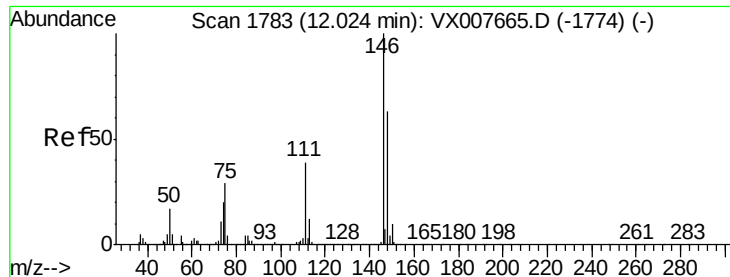
Ion Ratio Lower Upper

119 100

134 27.4 13.7 41.1

91 23.5 11.2 33.5





#87

1,3-Dichlorobenzene

Concen: 19.532 ug/l

RT: 12.02 min Scan# 1783

Delta R.T. 0.00 min

Lab File: VX007682.D

Acq: 25 Feb 2019 19:00

Instrument :

MSVOA_X

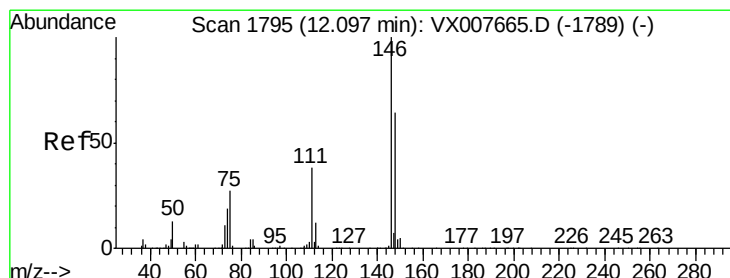
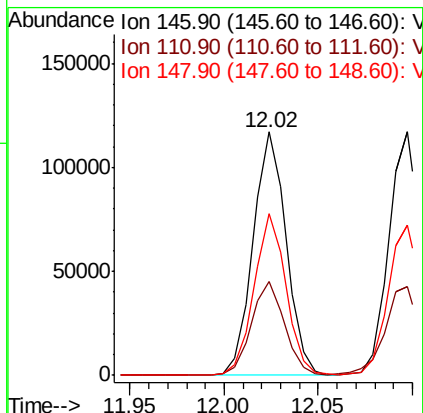
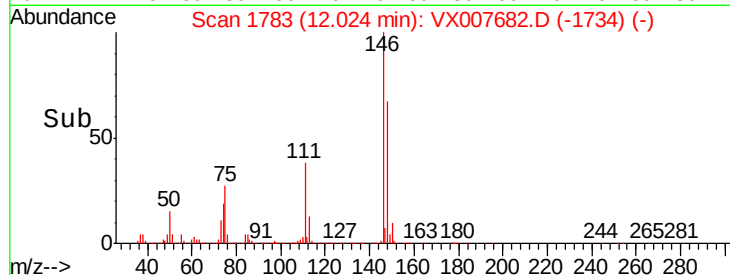
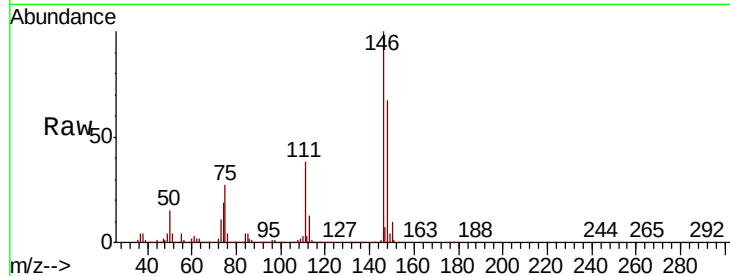
ClientSampleId :

VX0225WBSD01

Tot Ion:	146	Resp:	142713
Ion Ratio	Lower	Upper	
146	100		
111	38.6	18.1	54.1
148	64.2	32.0	96.2

Manual Integrations
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#88

1,4-Dichlorobenzene

Concen: 19.002 ug/l

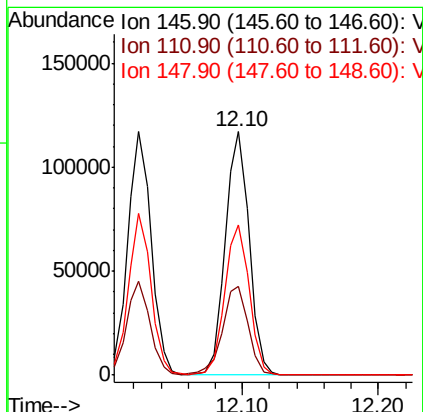
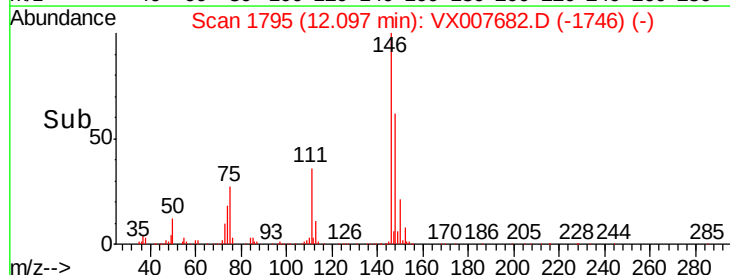
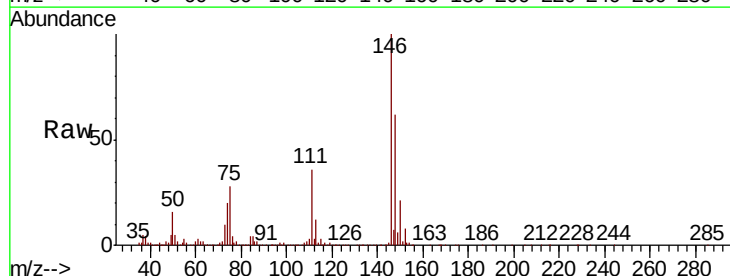
RT: 12.10 min Scan# 1795

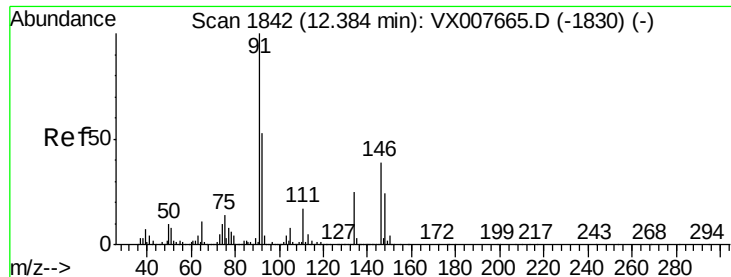
Delta R.T. 0.00 min

Lab File: VX007682.D

Acq: 25 Feb 2019 19:00

Tgt Ion:	146	Resp:	142195
Ion Ratio	Lower	Upper	
146	100		
111	39.2	18.1	54.1
148	63.9	32.3	96.9





#89

n-Butylbenzene

Concen: 18.085 ug/l

RT: 12.38 min Scan# 1842

Delta R.T. 0.00 min

Lab File: VX007682.D

Acq: 25 Feb 2019 19:00

Instrument :

MSVOA_X

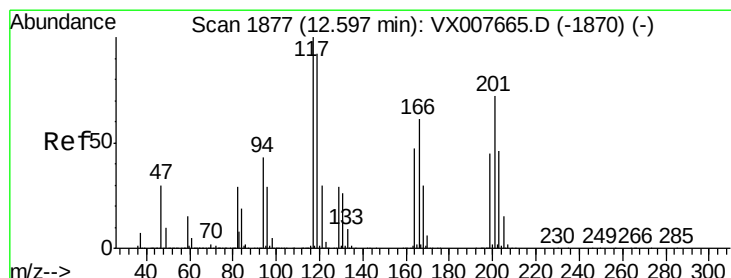
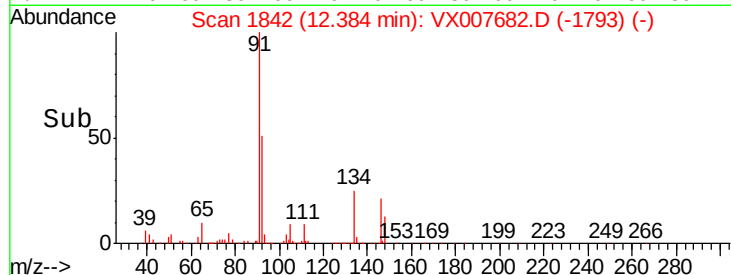
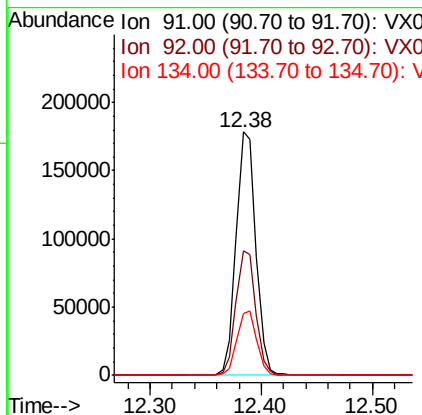
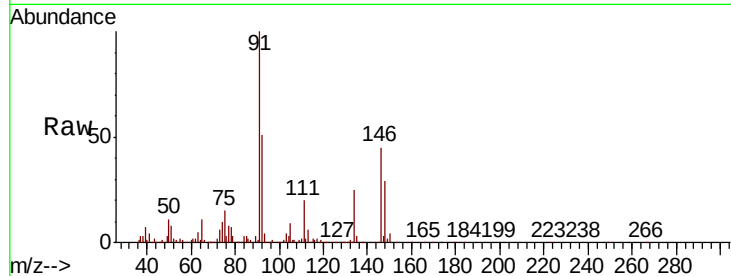
ClientSampleId :

VX0225WBSD01

Tot Ion:	91	Resp:	219534
Ion	Ratio	Lower	Upper
91	100		
92	51.4	26.3	78.9
134	26.4	13.9	41.6

Manual Integrations
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#90

Hexachloroethane

Concen: 18.733 ug/l

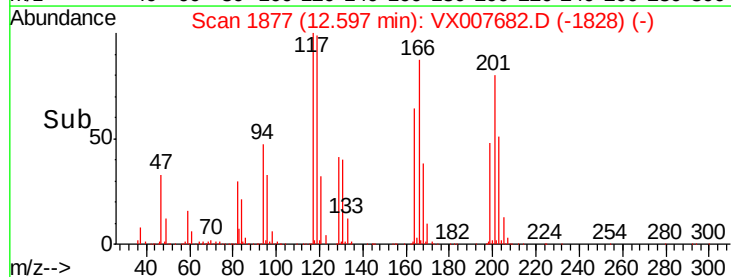
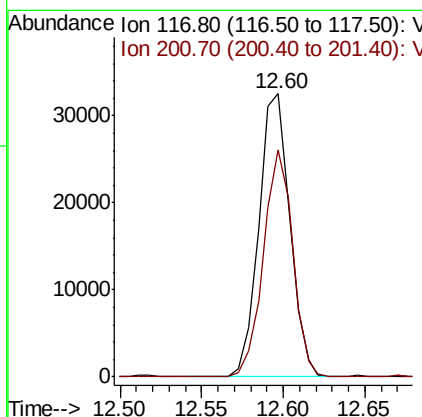
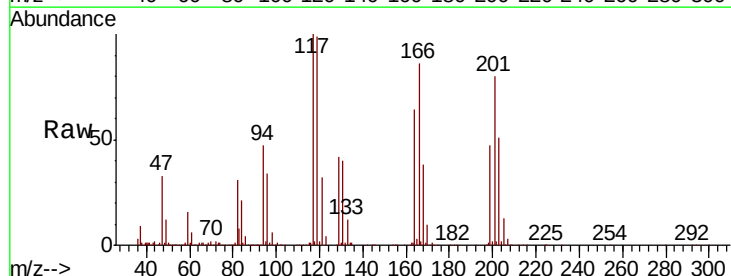
RT: 12.60 min Scan# 1877

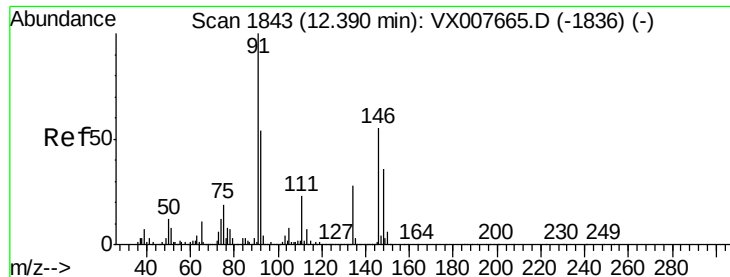
Delta R.T. 0.00 min

Lab File: VX007682.D

Acq: 25 Feb 2019 19:00

Tgt Ion:	117	Resp:	42963
Ion	Ratio	Lower	Upper
117	100		
201	75.6	44.9	134.7





#91

1,2-Dichlorobenzene

Concen: 19.523 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. 0.00 min

Lab File: VX007682.D

Acq: 25 Feb 2019 19:00

Instrument :

MSVOA_X

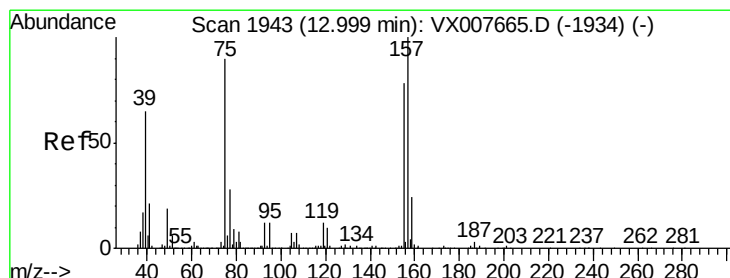
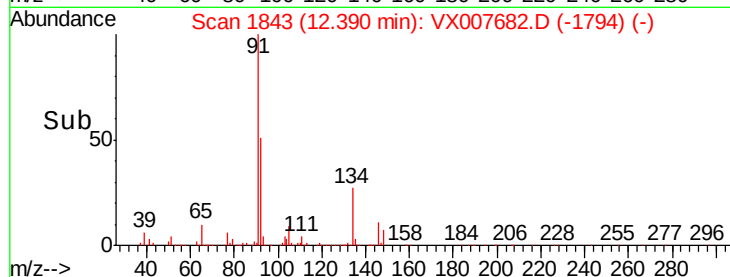
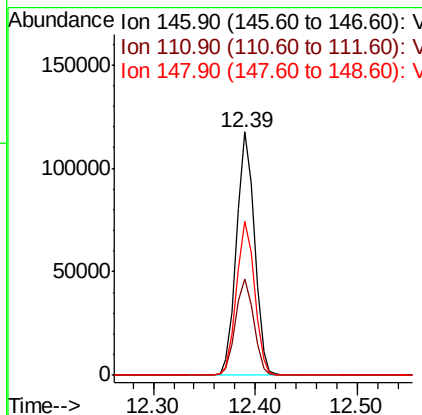
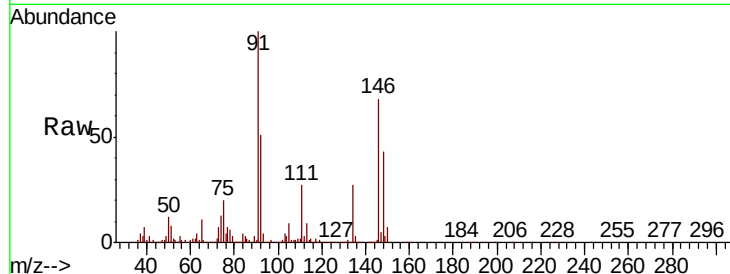
ClientSampleId :

VX0225WBSD01

Tot Ion:	146	Resp:	142726
Ion Ratio	Lower	Upper	
146	100		
111	39.9	19.1	57.3
148	63.3	32.1	96.3

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#92

1,2-Dibromo-3-Chloropropane

Concen: 17.801 ug/l

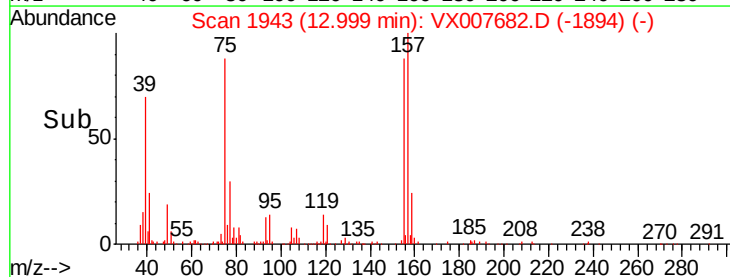
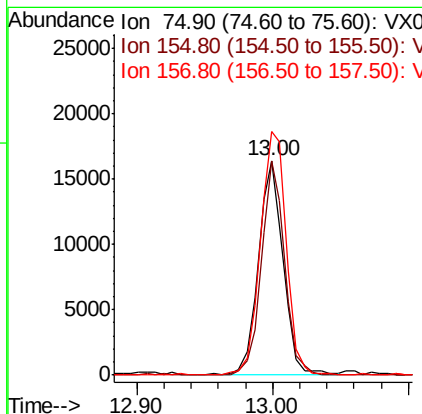
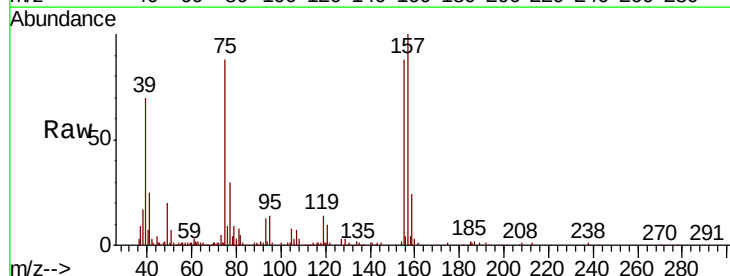
RT: 13.00 min Scan# 1943

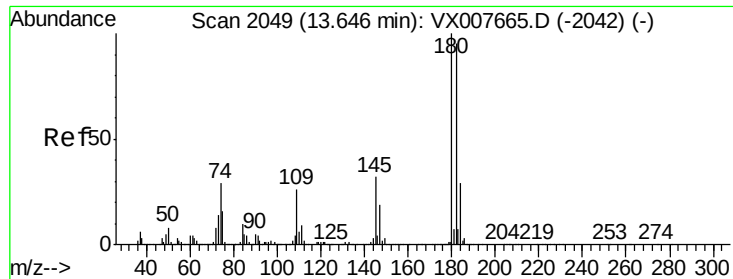
Delta R.T. 0.00 min

Lab File: VX007682.D

Acq: 25 Feb 2019 19:00

Tgt Ion:	75	Resp:	21068
Ion Ratio	Lower	Upper	
75	100		
155	93.0	49.6	149.0
157	117.9	65.1	195.3





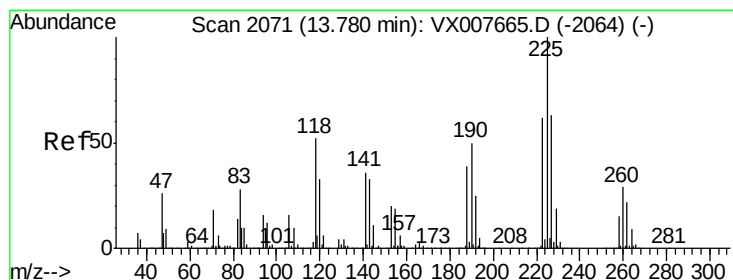
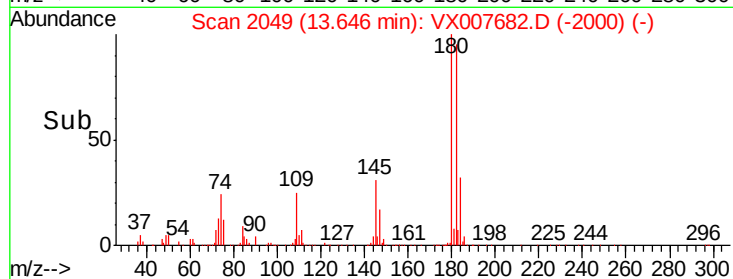
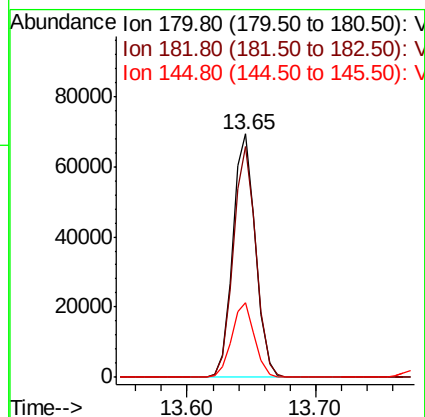
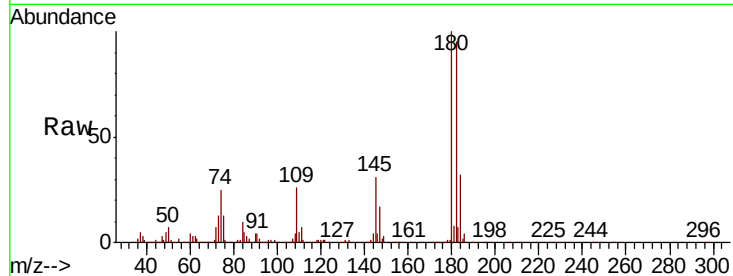
#93
1,2,4-Trichlorobenzene
Concen: 19.200 ug/l
RT: 13.65 min Scan# 2049
Delta R.T. 0.00 min
Lab File: VX007682.D
Acq: 25 Feb 2019 19:00

Instrument :
MSVOA_X
ClientSampleId :
VX0225WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
180	100	85682		
182	94.9	47.8	143.3	
145	31.0	14.1	42.2	

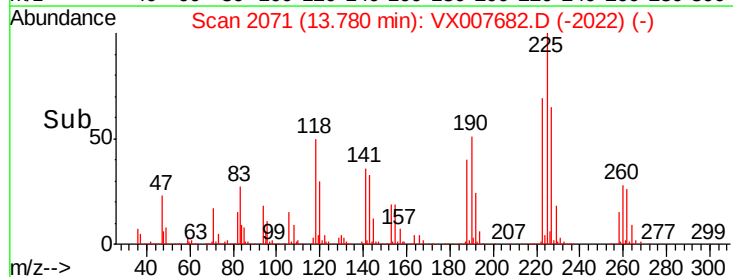
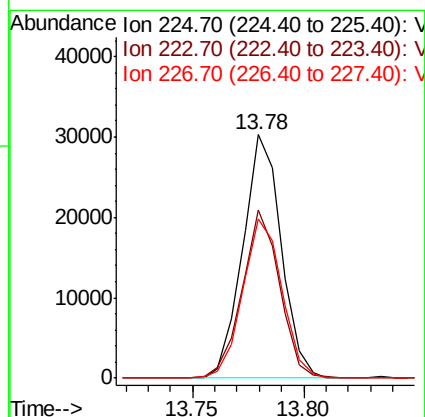
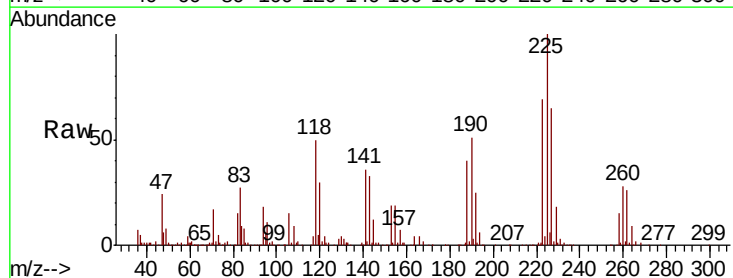
Manual Integrations
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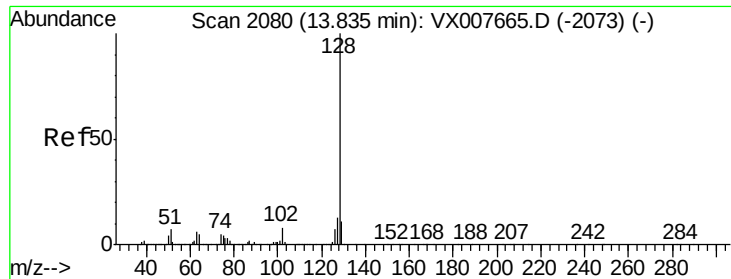
MMDadoda
2/26/2019 2:58:03 PM



#94
Hexachlorobutadiene
Concen: 17.879 ug/l
RT: 13.78 min Scan# 2071
Delta R.T. 0.00 min
Lab File: VX007682.D
Acq: 25 Feb 2019 19:00

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	36499		
223	67.1	31.6	94.8	
227	66.7	32.1	96.3	





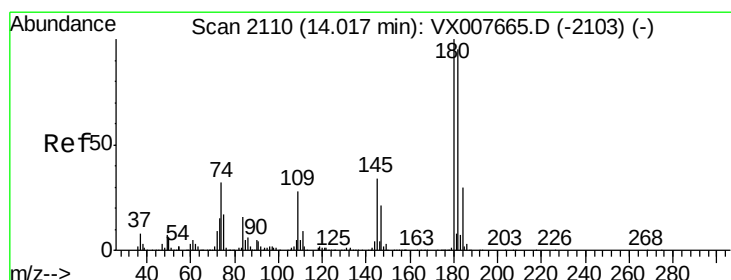
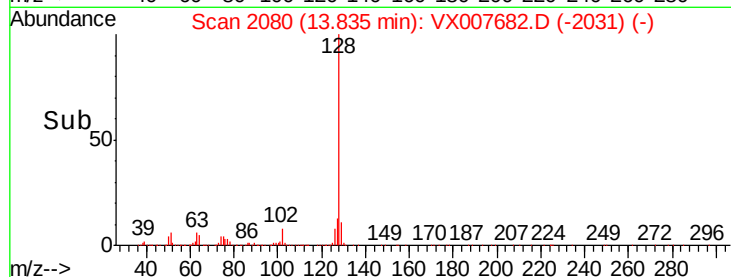
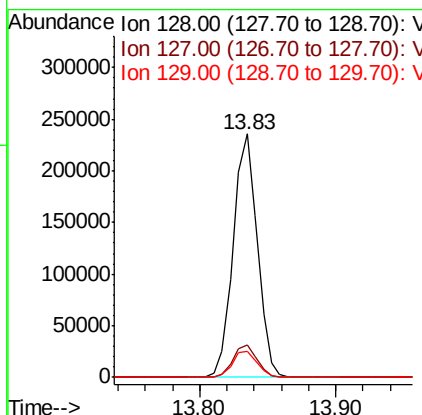
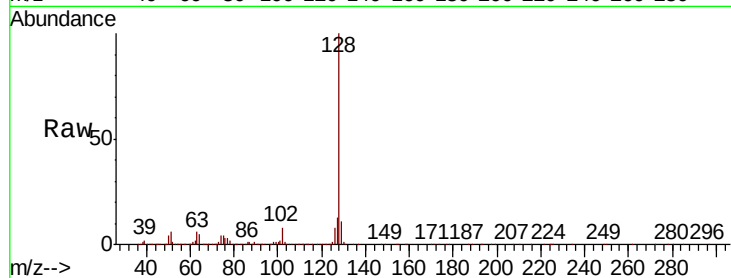
#95
Naphthalene
Concen: 20.132 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VX007682.D
Acq: 25 Feb 2019 19:00

Instrument :
MSVOA_X
ClientSampleId :
VX0225WBSD01

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.2	10.5	15.7
129	11.1	8.7	13.1

Manual Integrations
APPROVED

MMDadoda
2/26/2019 2:58:03 PM



#96
1,2,3-Trichlorobenzene
Concen: 19.780 ug/l
RT: 14.02 min Scan# 2110
Delta R.T. 0.00 min
Lab File: VX007682.D
Acq: 25 Feb 2019 19:00

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.2	47.5	142.6
145	32.6	14.9	44.5

