

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX030519\
 Data File : VX007848.D
 Acq On : 05 Mar 2019 20:08
 Operator : JC/SP
 Sample : VX0305WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0305WBSD01

Manual Integrations
 APPROVED

MMDadoda
 3/6/2019 9:49:46 AM

Quant Time: Mar 06 01:12:07 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	287657	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	422571	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	368198	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	186408	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	151288	42.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	84.92%	
35) Dibromofluoromethane	5.50	113	134957	47.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.56%	
50) Toluene-d8	8.71	98	484918	44.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.68%	
62) 4-Bromofluorobenzene	11.13	95	172976	43.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	87.16%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	40484	15.278	ug/l	98
3) Chloromethane	1.33	50	50066	17.050	ug/l	99
4) Vinyl Chloride	1.41	62	52784	17.521	ug/l #	86
5) Bromomethane	1.64	94	27791	13.510	ug/l	99
6) Chloroethane	1.73	64	125912	65.417	ug/l #	85
7) Trichlorofluoromethane	1.93	101	73355	15.883	ug/l	98
8) Diethyl Ether	2.19	74	32628	17.214	ug/l	87
9) 1,1,2-Trichlorotrifluoroet	2.39	101	44527	15.951	ug/l	99
10) Methyl Iodide	2.51	142	68456	19.695	ug/l	96
11) Tert butyl alcohol	3.07	59	67904	100.441	ug/l	100
12) 1,1-Dichloroethene	2.38	96	43124	17.139	ug/l	97
13) Acrolein	2.30	56	20489	34.106	ug/l	98
14) Allyl chloride	2.73	41	93318	20.057	ug/l	89
15) Acrylonitrile	3.15	53	154753	97.270	ug/l	100
16) Acetone	2.45	43	140592	88.727	ug/l	100
17) Carbon Disulfide	2.57	76	126537	18.076	ug/l	100
18) Methyl Acetate	2.78	43	77581	22.438	ug/l	96
19) Methyl tert-butyl Ether	3.21	73	159143	18.162	ug/l	100
20) Methylene Chloride	2.86	84	49468	16.907	ug/l	93
21) trans-1,2-Dichloroethene	3.17	96	46058	16.837	ug/l	92
22) Diisopropyl ether	3.87	45	179799	18.564	ug/l	94
23) Vinyl Acetate	3.82	43	772114	90.865	ug/l	98
24) 1,1-Dichloroethane	3.70	63	94112	17.880	ug/l	97
25) 2-Butanone	4.70	43	222609	92.229	ug/l	95
26) 2,2-Dichloropropane	4.59	77	64432	15.335	ug/l	100
27) cis-1,2-Dichloroethene	4.60	96	55875	16.053	ug/l	91
28) Bromochloromethane	5.03	49	50107	19.554	ug/l	86
29) Tetrahydrofuran	5.15	42	146004	91.767	ug/l	94
30) Chloroform	5.21	83	90893	16.121	ug/l	98
31) Cyclohexane	5.57	56	81571	16.475	ug/l	93
32) 1,1,1-Trichloroethane	5.49	97	76720	16.453	ug/l	98
36) 1,1-Dichloropropene	5.80	75	66016	17.377	ug/l	97
37) Ethyl Acetate	4.85	43	81289	19.262	ug/l	99
38) Carbon Tetrachloride	5.79	117	70514	18.478	ug/l	99

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MMDadoda
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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	79275	16.511	ug/l	95
40) Benzene	6.15	78	207594	17.702	ug/l	98
41) Methacrylonitrile	5.06	41	45940	20.386	ug/l	95
42) 1,2-Dichloroethane	6.20	62	68578	17.398	ug/l	99
43) Isopropyl Acetate	6.46	43	126886	19.536	ug/l	98
44) Trichloroethene	7.21	130	55267	17.131	ug/l	95
45) 1,2-Dichloropropane	7.52	63	56186	18.495	ug/l	98
46) Dibromomethane	7.66	93	35568	16.782	ug/l	98
47) Bromodichloromethane	7.90	83	72244	19.670	ug/l	98
48) Methyl methacrylate	7.77	41	64574	18.967	ug/l	90
49) 1,4-Dioxane	7.75	88	27485	373.776	ug/l	94
51) 4-Methyl-2-Pentanone	8.65	43	416884	95.888	ug/l	100
52) Toluene	8.79	92	126982	17.171	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	74707	18.247	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	83413	18.715	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	53930	17.488	ug/l	97
56) Ethyl methacrylate	9.18	69	78293	17.853	ug/l	93
57) 1,3-Dichloropropane	9.37	76	88825	17.993	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	210429	87.014	ug/l	96
59) 2-Hexanone	9.49	43	314637	92.180	ug/l	100
60) Dibromochloromethane	9.58	129	60607	20.425	ug/l	99
61) 1,2-Dibromoethane	9.67	107	56231	17.562	ug/l	99
64) Tetrachloroethene	9.34	164	49189	16.456	ug/l	97
65) Chlorobenzene	10.14	112	138885	17.440	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	54448	19.601	ug/l	99
67) Ethyl Benzene	10.25	91	232482	17.623	ug/l	99
68) m/p-Xylenes	10.36	106	180090	35.092	ug/l	98
69) o-Xylene	10.70	106	86590	17.541	ug/l	96
70) Styrene	10.71	104	140913	17.367	ug/l	99
71) Bromoform	10.85	173	49248	23.643	ug/l	99
73) Isopropylbenzene	11.02	105	233515	17.527	ug/l	100
74) N-amyl acetate	10.90	43	107623	18.602	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	82750	17.958	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	79242m	19.943	ug/l	
77) Bromobenzene	11.26	156	62970	18.844	ug/l	95
78) n-propylbenzene	11.36	91	260404	17.297	ug/l	98
79) 2-Chlorotoluene	11.42	91	154938	17.092	ug/l	97
80) 1,3,5-Trimethylbenzene	11.51	105	192046	17.524	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.07	75	24027	18.238	ug/l	96
82) 4-Chlorotoluene	11.51	91	178417	16.825	ug/l	98
83) tert-Butylbenzene	11.77	119	203502	19.341	ug/l	94
84) 1,2,4-Trimethylbenzene	11.80	105	197225	17.594	ug/l	98
85) sec-Butylbenzene	11.94	105	229492	17.405	ug/l	98
86) p-Isopropyltoluene	12.06	119	206182	17.856	ug/l	98
87) 1,3-Dichlorobenzene	12.02	146	109319	17.637	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	109143	17.193	ug/l	99
89) n-Butylbenzene	12.39	91	167070	16.224	ug/l	99
90) Hexachloroethane	12.60	117	37345	19.195	ug/l	93
91) 1,2-Dichlorobenzene	12.39	146	109922	17.724	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	17482	17.412	ug/l	98

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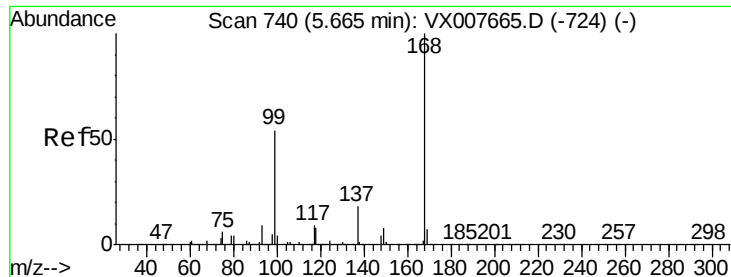
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	75672	19.989	ug/l	99
94) Hexachlorobutadiene	13.78	225	40505	23.388	ug/l	98
95) Naphthalene	13.83	128	227880	18.579	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	76299	20.072	ug/l	99

(#) = 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: VX007848.D

Acq: 05 Mar 2019 20:08

Instrument :

MSVOA_X

ClientSampleId :

VX0305WBSD01

Tot Ion:168 Resp: 287657

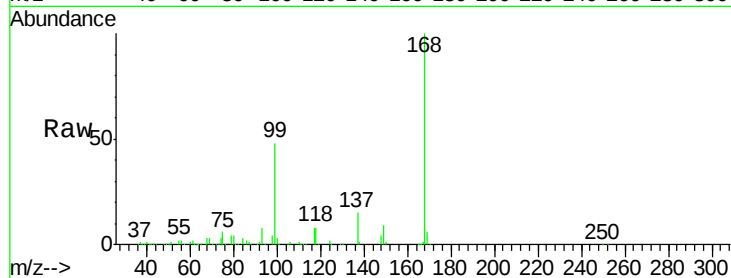
Ion Ratio Lower Upper

168 100

99 47.9 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

120000

100000

80000

60000

40000

20000

0

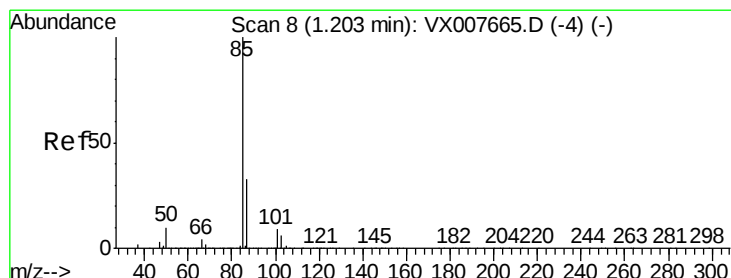
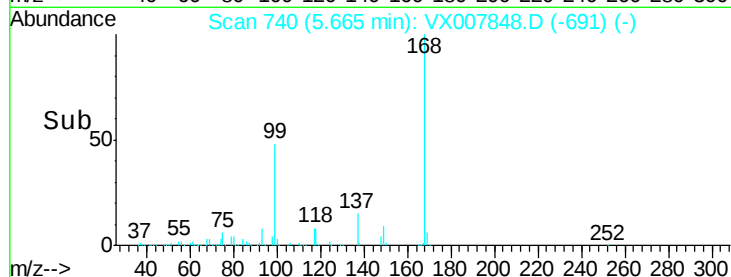
5.50

5.60

5.70

5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 15.278 ug/l

RT: 1.20 min Scan# 8

Delta R.T. -0.00 min

Lab File: VX007848.D

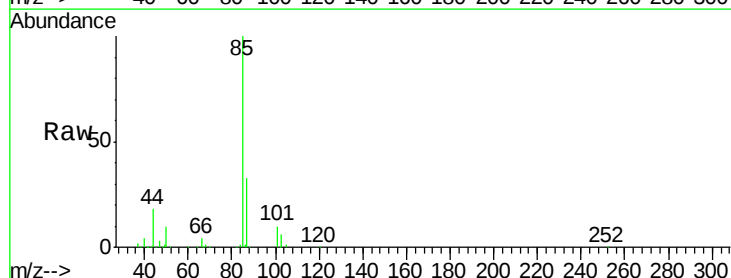
Acq: 05 Mar 2019 20:08

Tgt Ion: 85 Resp: 40484

Ion Ratio Lower Upper

85 100

87 32.5 15.8 47.4



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

40000

30000

20000

10000

0

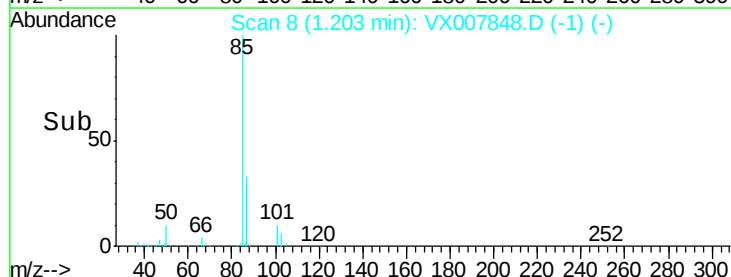
1.15

1.20

1.25

1.30

Time-->





#3

Chloromethane

Concen: 17.050 ug/l

RT: 1.33 min Scan# 29

Delta R.T. -0.00 min

Lab File: VX007848.D

Acq: 05 Mar 2019 20:08

Instrument :

MSVOA_X

ClientSampleId :

VX0305WBSD01

Tot Ion: 50 Resp: 50066

Ion Ratio Lower Upper

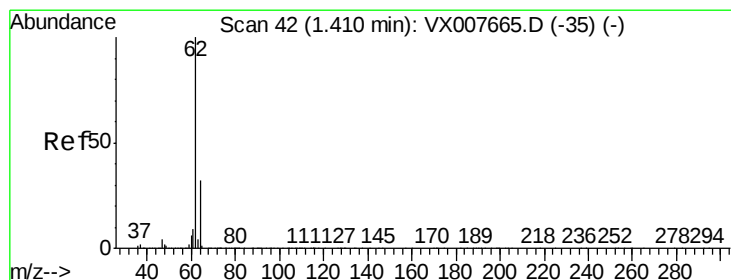
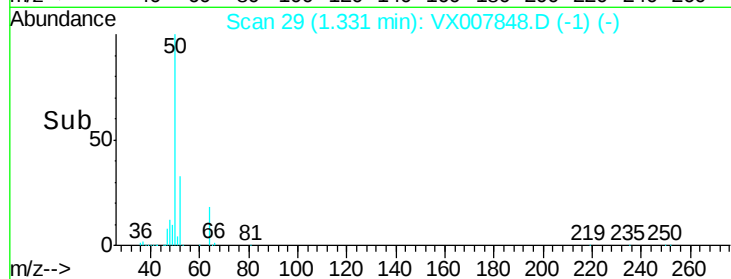
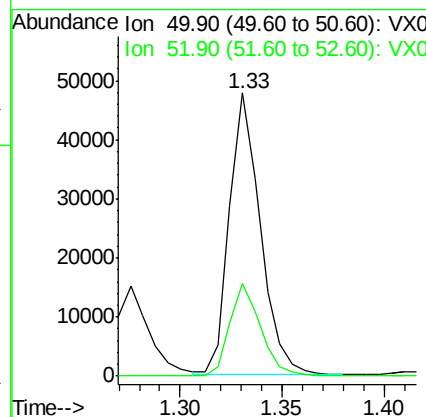
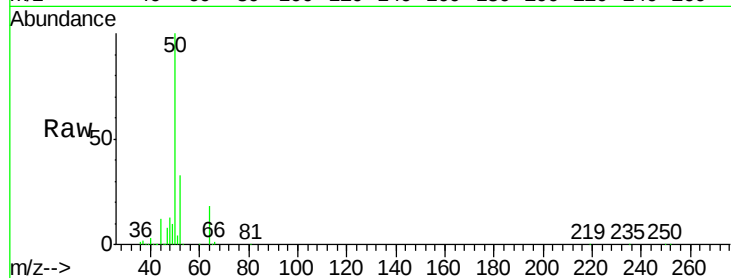
50 100

52 33.0 26.1 39.1

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#4

Vinyl Chloride

Concen: 17.521 ug/l

RT: 1.41 min Scan# 42

Delta R.T. -0.00 min

Lab File: VX007848.D

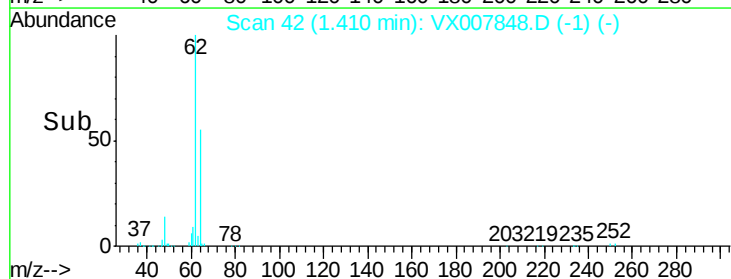
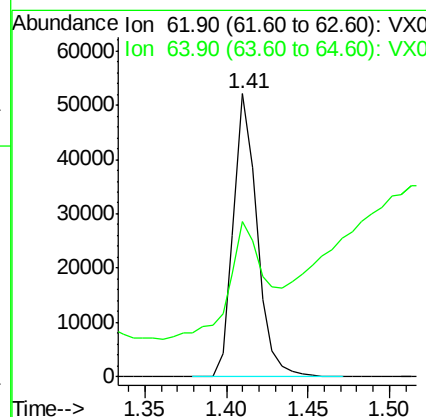
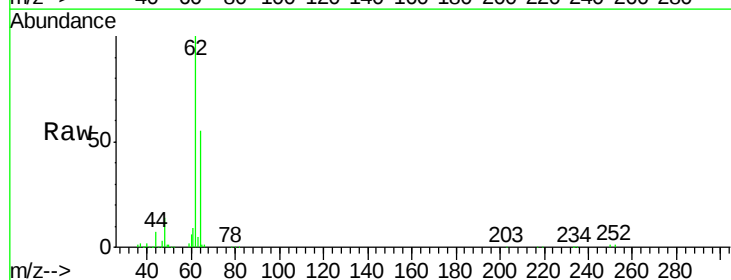
Acq: 05 Mar 2019 20:08

Tgt Ion: 62 Resp: 52784

Ion Ratio Lower Upper

62 100

64 39.4 25.4 38.0#





#5

Bromomethane

Concen: 13.510 ug/l

RT: 1.64 min Scan# 80

Delta R.T. 0.00 min

Lab File: VX007848.D

Acq: 05 Mar 2019 20:08

Instrument :

MSVOA_X

ClientSampleId :

VX0305WBSD01

Tot Ion: 94 Resp: 27791

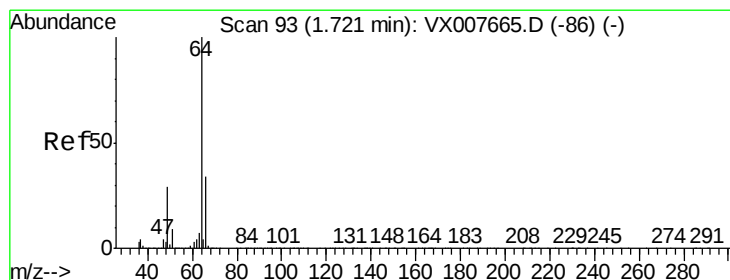
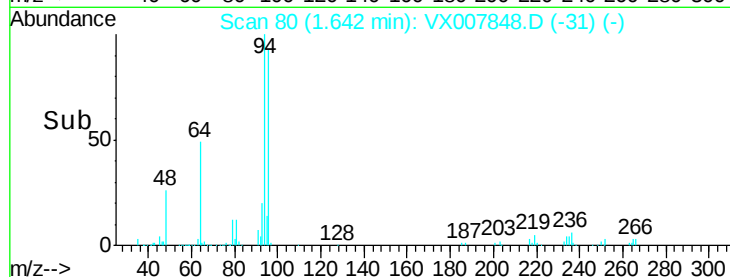
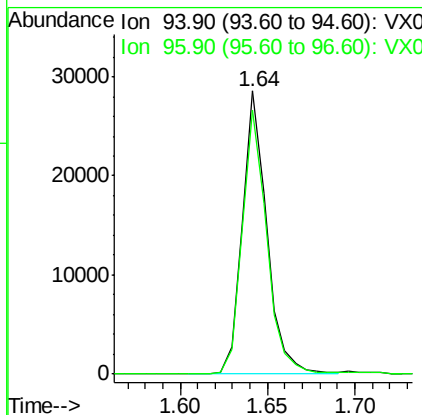
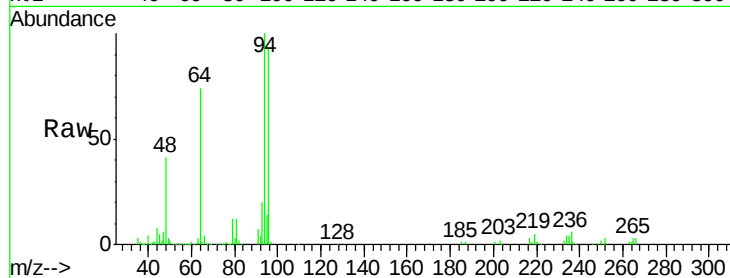
Ion Ratio Lower Upper

94 100

96 93.1 73.9 110.9

Manual Integrations
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#6

Chloroethane

Concen: 65.417 ug/l

RT: 1.73 min Scan# 94

Delta R.T. 0.01 min

Lab File: VX007848.D

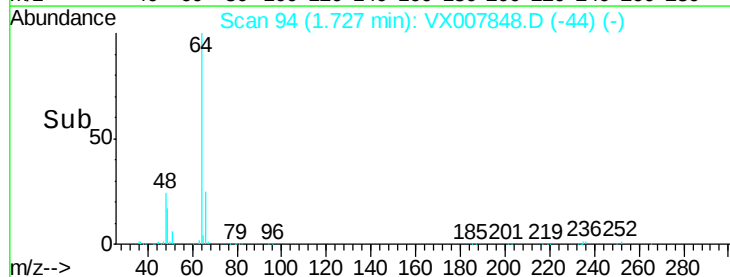
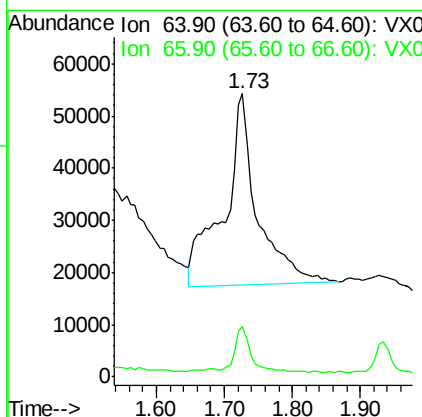
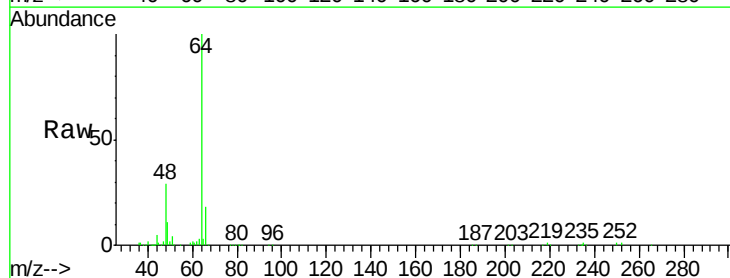
Acq: 05 Mar 2019 20:08

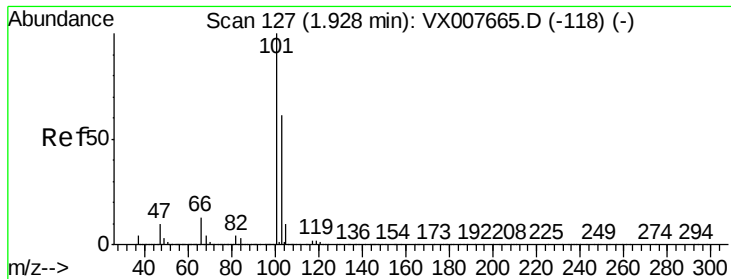
Tgt Ion: 64 Resp: 125912

Ion Ratio Lower Upper

64 100

66 23.7 25.5 38.3#





#7

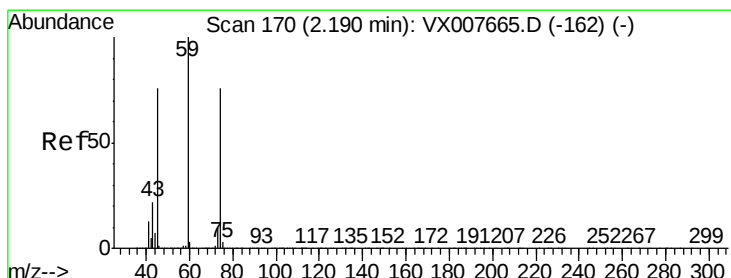
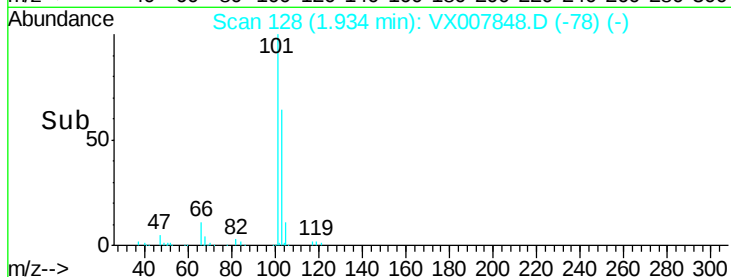
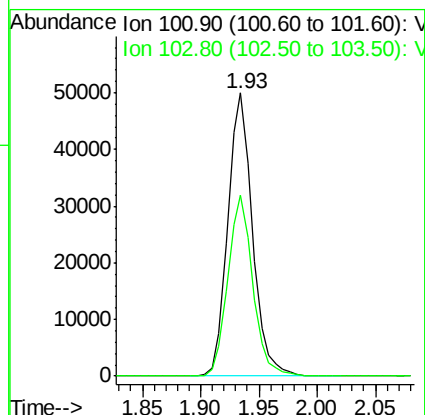
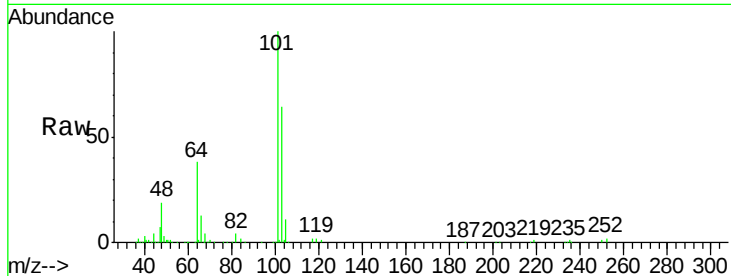
Trichlorofluoromethane
Concen: 15.883 ug/l
RT: 1.93 min Scan# 128
Delta R.T. 0.01 min
Lab File: VX007848.D
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Tot Ion	Ratio	Lower	Upper
101	100		
103	64.0	52.6	79.0

Manual Integrations
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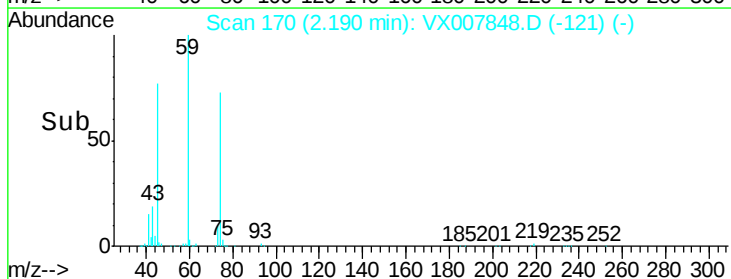
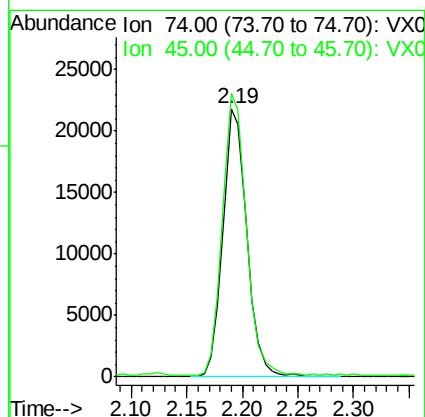
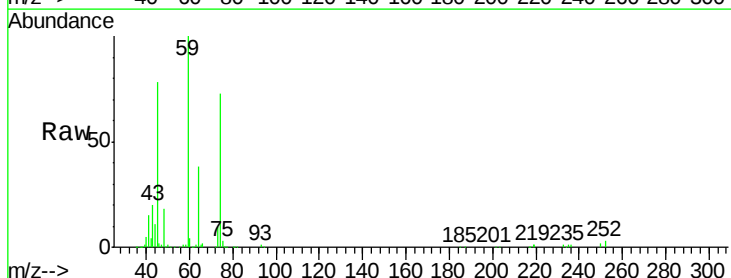
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#8

Diethyl Ether
Concen: 17.214 ug/l
RT: 2.19 min Scan# 170
Delta R.T. -0.00 min
Lab File: VX007848.D
Acq: 05 Mar 2019 20:08

Tgt Ion	Ratio	Lower	Upper
74	100		
45	104.2	45.7	137.1





#9

1,1,2-Trichlorotrifluoroethane

Concen: 15.951 ug/l

RT: 2.39 min Scan# 202

Delta R.T. -0.00 min

Lab File: VX007848.D

Acq: 05 Mar 2019 20:08

Instrument :

MSVOA_X

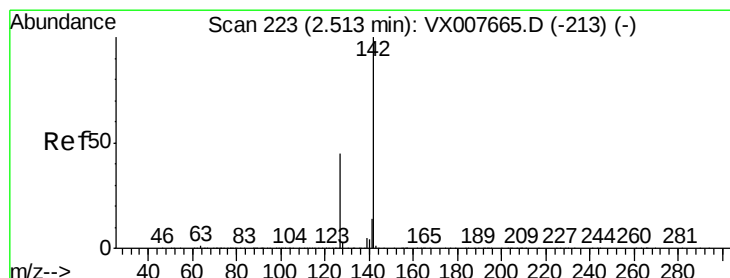
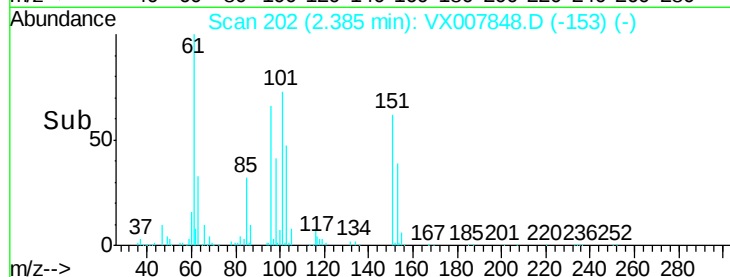
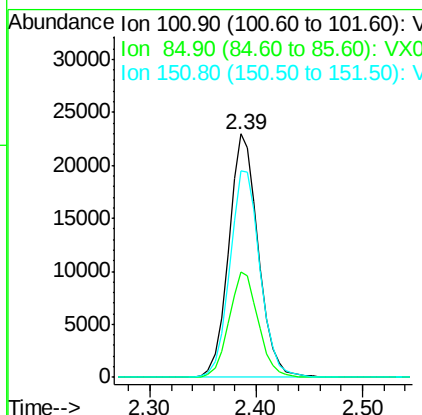
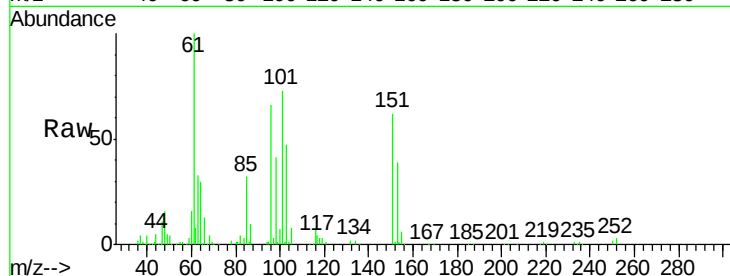
ClientSampleId :

VX0305WBSD01

Tot Ion:	101	Resp:	44527
Ion Ratio	Lower	Upper	
101	100		
85	43.0	34.1	51.1
151	86.9	69.9	104.9

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#10

Methyl Iodide

Concen: 19.695 ug/l

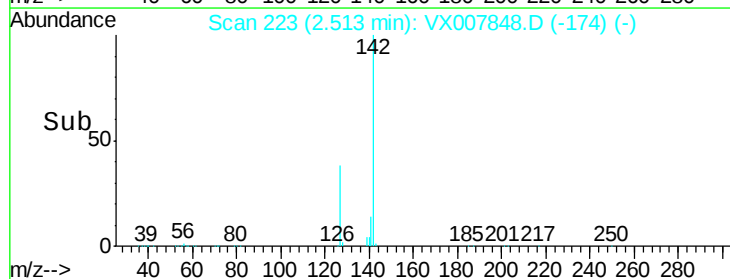
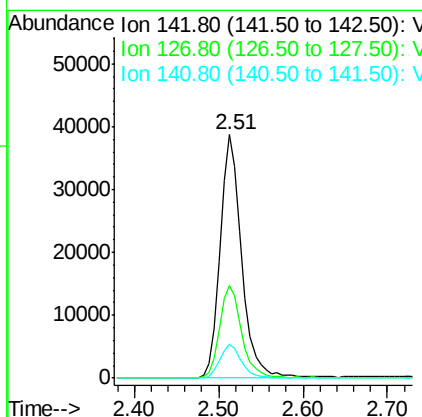
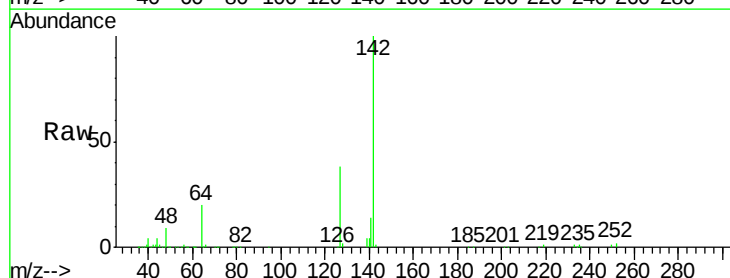
RT: 2.51 min Scan# 223

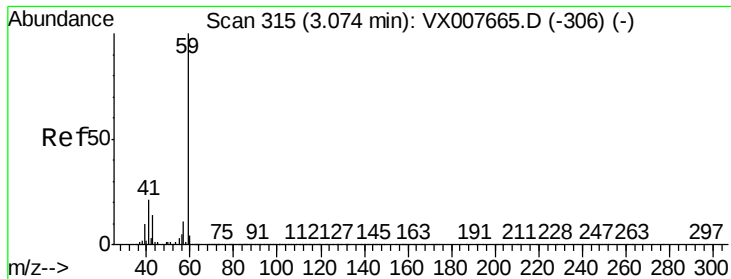
Delta R.T. -0.00 min

Lab File: VX007848.D

Acq: 05 Mar 2019 20:08

Tgt Ion:	142	Resp:	68456
Ion Ratio	Lower	Upper	
142	100		
127	38.8	33.7	50.5
141	14.0	11.3	16.9





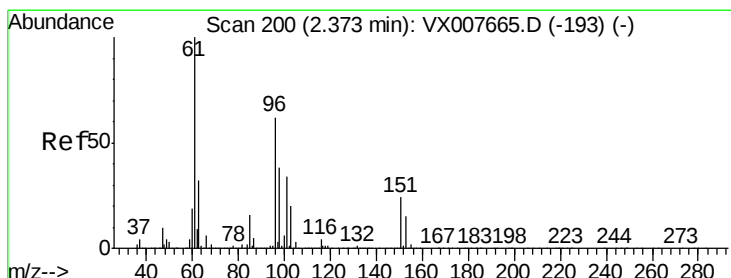
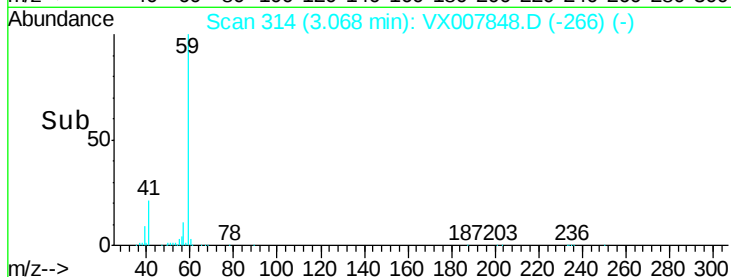
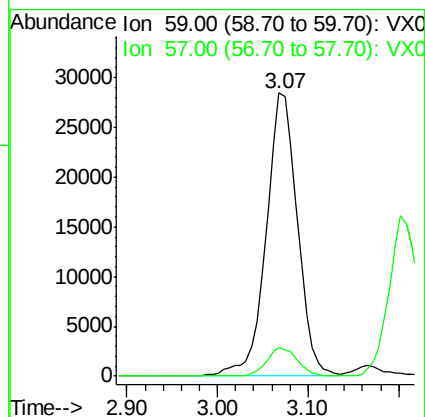
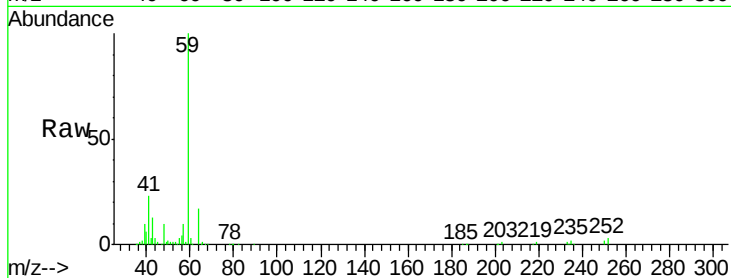
#11
Tert butyl alcohol
Concen: 100.441 ug/l
RT: 3.07 min Scan# 314
Delta R.T. -0.01 min
Lab File: VX007848.D
Acq: 05 Mar 2019 20:08

Instrument :
MSVOA_X
ClientSampleId :
VX0305WBSD01

Tot Ion: 59 Resp: 67904
Ion Ratio Lower Upper
59 100
57 10.0 8.1 12.1

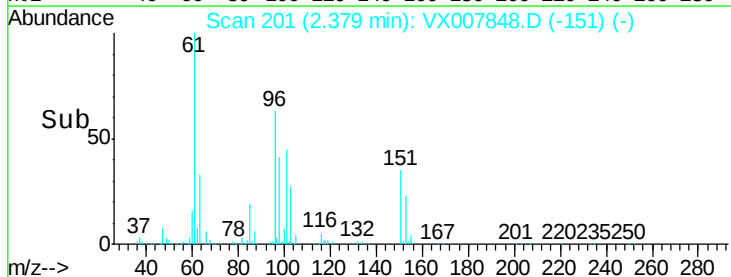
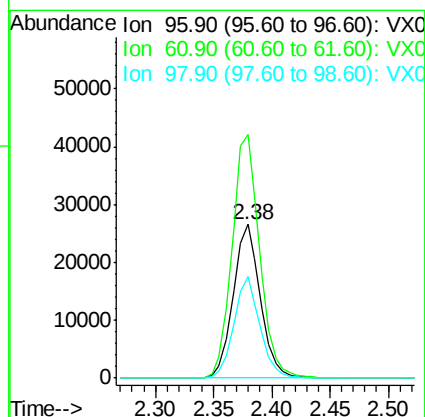
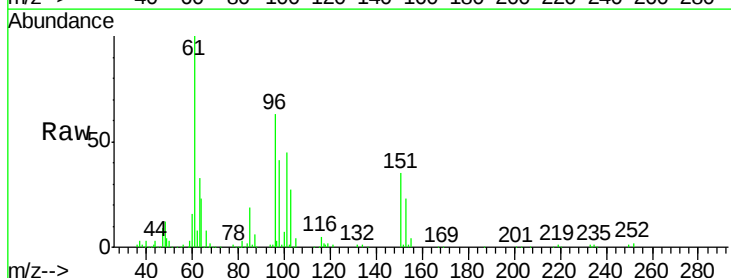
Manual Integrations
APPROVED

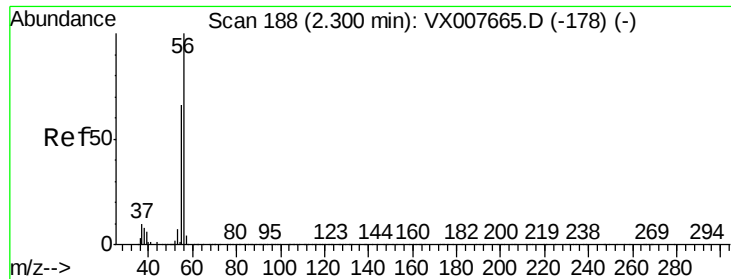
MMDadoda
3/6/2019 9:49:46 AM



#12
1,1-Dichloroethene
Concen: 17.139 ug/l
RT: 2.38 min Scan# 201
Delta R.T. 0.01 min
Lab File: VX007848.D
Acq: 05 Mar 2019 20:08

Tgt Ion: 96 Resp: 43124
Ion Ratio Lower Upper
96 100
61 158.5 123.0 184.4
98 65.7 50.9 76.3





#13

Acrolein

Concen: 34.106 ug/l

RT: 2.30 min Scan# 188

Delta R.T. -0.00 min

Lab File: VX007848.D

Acq: 05 Mar 2019 20:08

Instrument :

MSVOA_X

ClientSampleId :

VX0305WBSD01

Tot Ion: 56 Resp: 20489

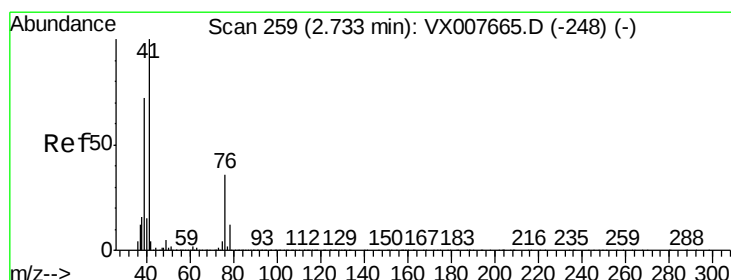
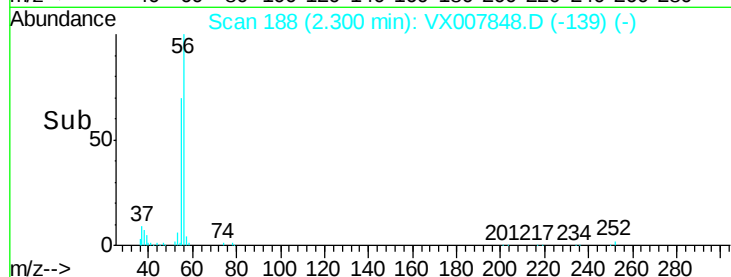
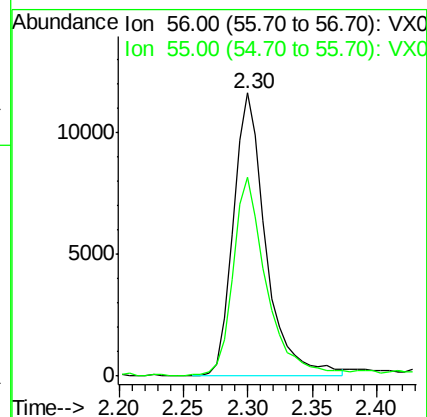
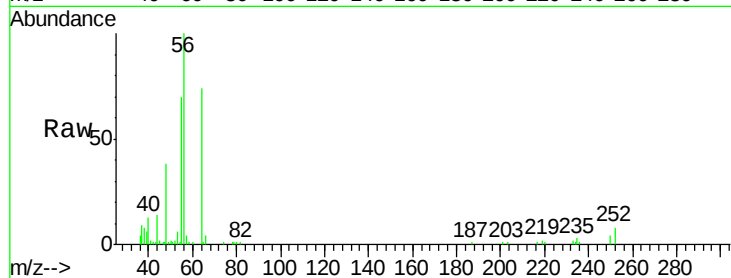
Ion Ratio Lower Upper

56 100

55 72.9 56.9 85.3

Manual Integrations
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#14

Allyl chloride

Concen: 20.057 ug/l

RT: 2.73 min Scan# 259

Delta R.T. -0.00 min

Lab File: VX007848.D

Acq: 05 Mar 2019 20:08

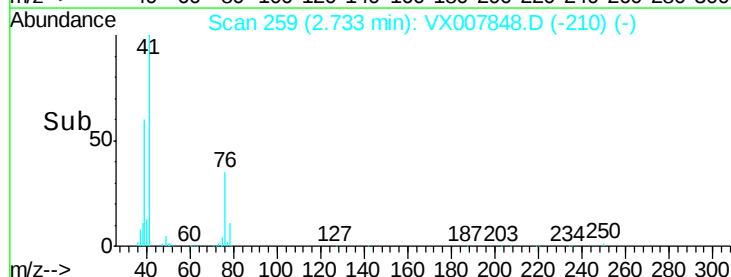
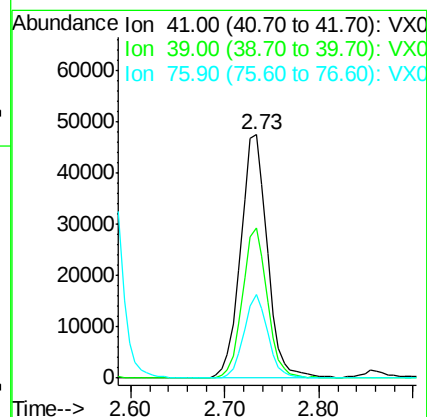
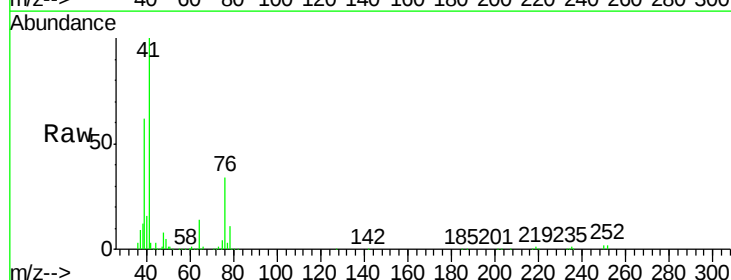
Tgt Ion: 41 Resp: 93318

Ion Ratio Lower Upper

41 100

39 57.4 54.1 81.1

76 30.5 27.8 41.8





#15

Acrylonitrile

Concen: 97.270 ug/l

RT: 3.15 min Scan# 328

Delta R.T. -0.00 min

Lab File: VX007848.D

Acq: 05 Mar 2019 20:08

Instrument :

MSVOA_X

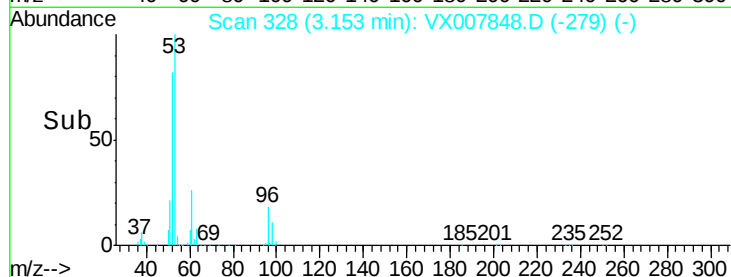
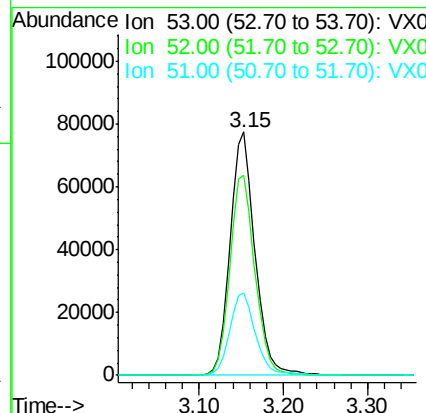
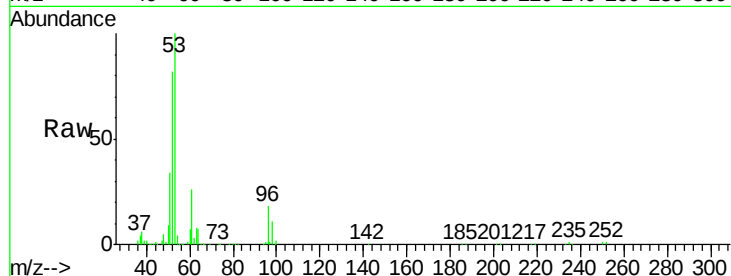
ClientSampleId :

VX0305WBSD01

Tot Ion:	53	Resp:	154753
Ion Ratio		Lower	Upper
53	100		
52	83.3	66.4	99.6
51	35.5	28.4	42.6

Manual Integrations
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#16

Acetone

Concen: 88.727 ug/l

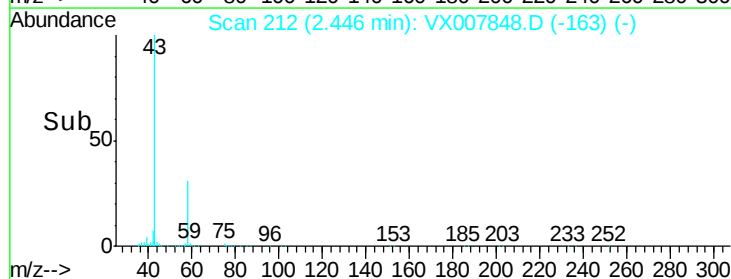
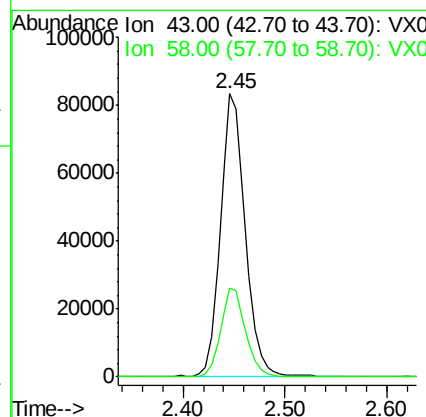
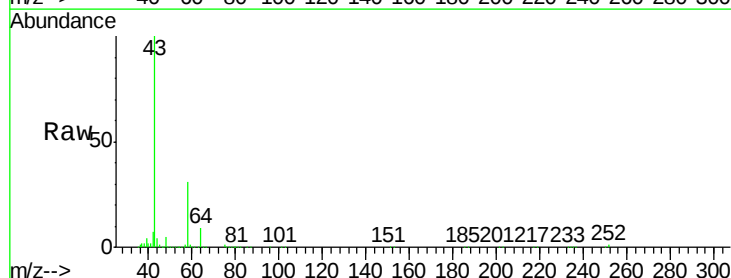
RT: 2.45 min Scan# 212

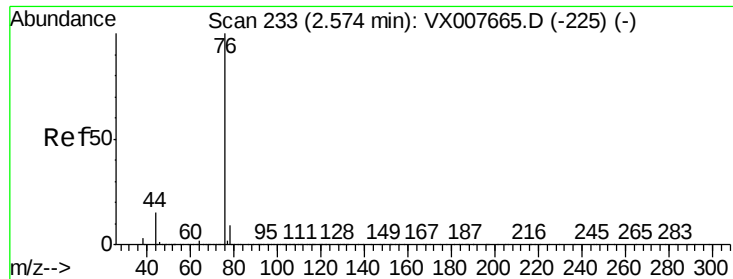
Delta R.T. -0.00 min

Lab File: VX007848.D

Acq: 05 Mar 2019 20:08

Tgt Ion:	43	Resp:	140592
Ion Ratio		Lower	Upper
43	100		
58	31.4	24.9	37.3





#17

Carbon Disulfide

Concen: 18.076 ug/l

RT: 2.57 min Scan# 233

Delta R.T. -0.00 min

Lab File: VX007848.D

Acq: 05 Mar 2019 20:08

Instrument :

MSVOA_X

ClientSampleId :

VX0305WBSD01

Tot Ion: 76 Resp: 126537

Ion Ratio Lower Upper

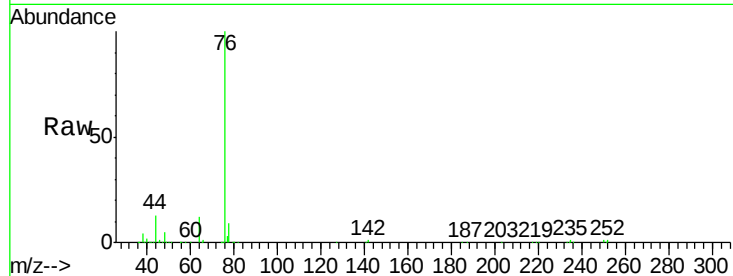
76 100

78 9.1 7.1 10.7

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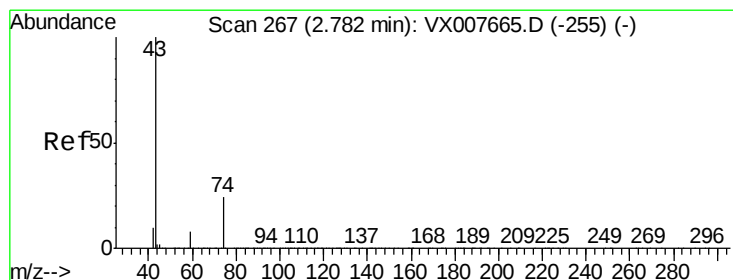
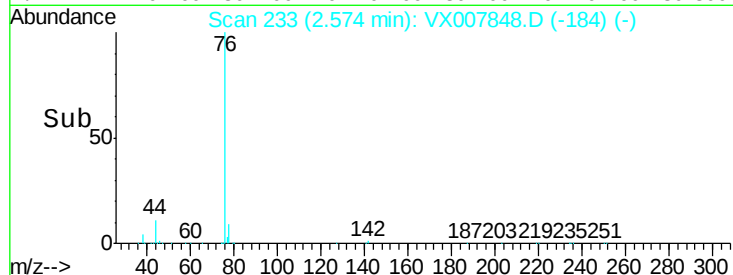
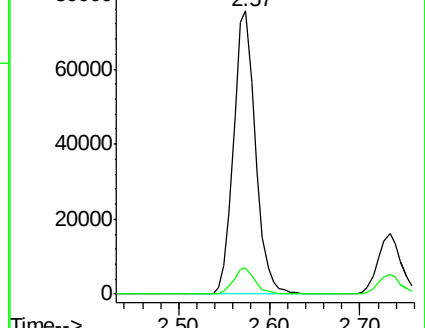
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Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 22.438 ug/l

RT: 2.78 min Scan# 267

Delta R.T. -0.00 min

Lab File: VX007848.D

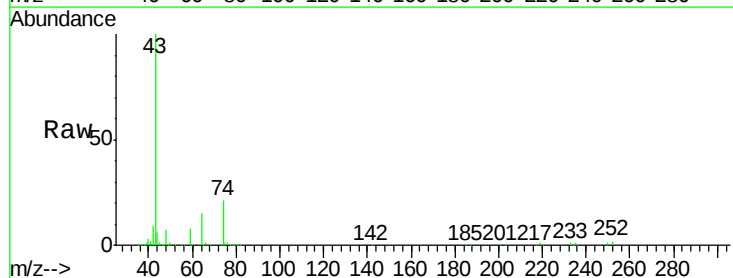
Acq: 05 Mar 2019 20:08

Tgt Ion: 43 Resp: 77581

Ion Ratio Lower Upper

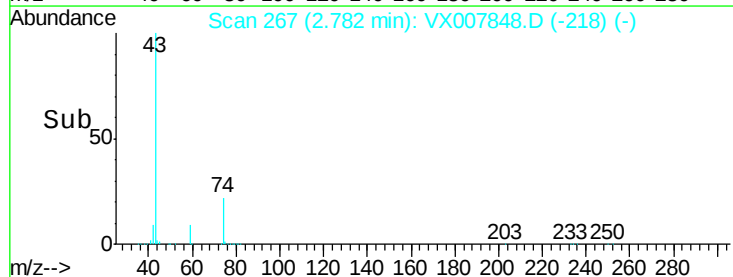
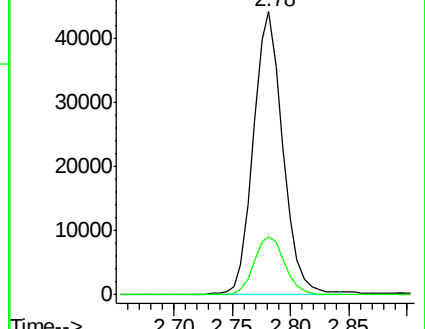
43 100

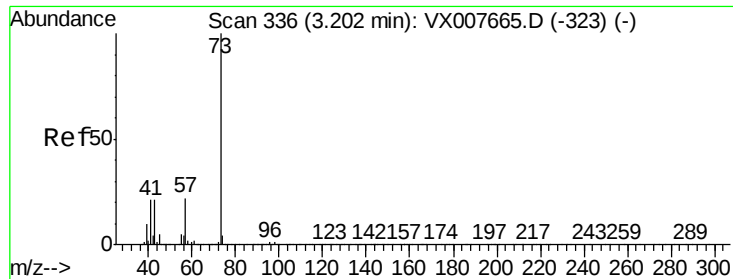
74 22.1 19.4 29.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0





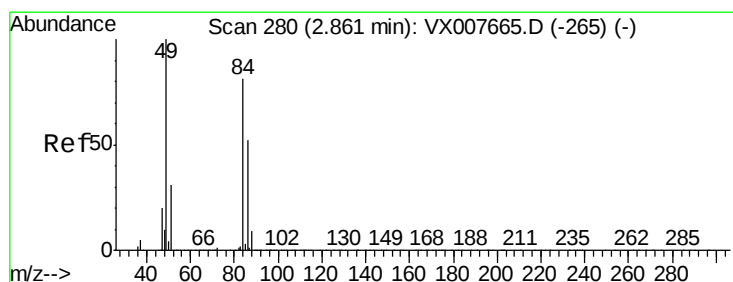
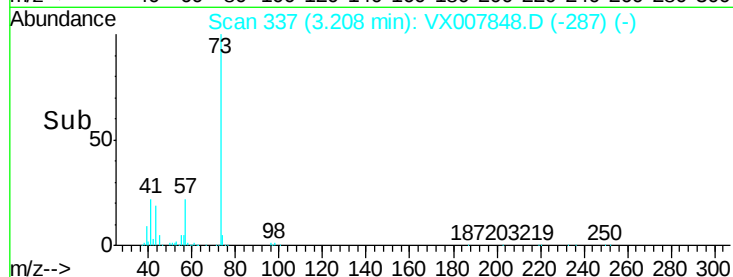
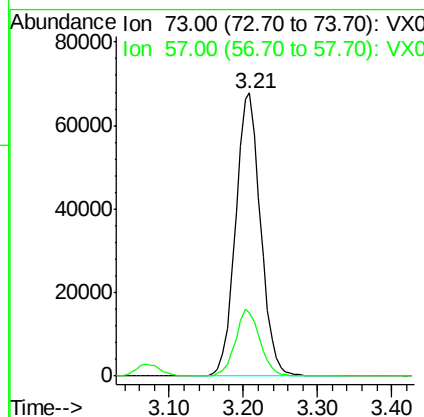
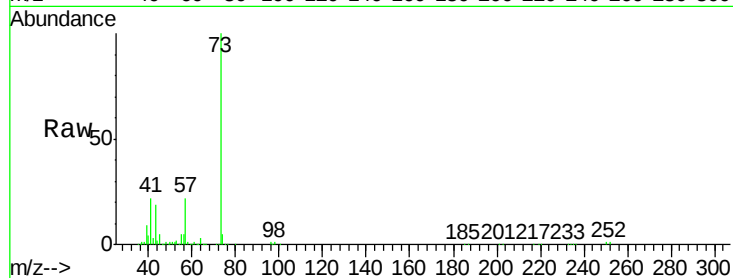
#19
Methvl tert-butvl Ether
Concen: 18.162 ug/l
RT: 3.21 min Scan# 337
Delta R.T. 0.01 min
Lab File: VX007848.D
Acq: 05 Mar 2019 20:08

Instrument :
MSVOA_X
ClientSampleId :
VX0305WBSD01

Tot Ion: 73 Resp: 159143
Ion Ratio Lower Upper
73 100
57 22.4 17.8 26.8

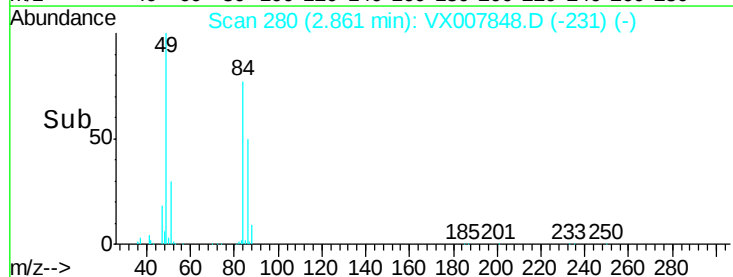
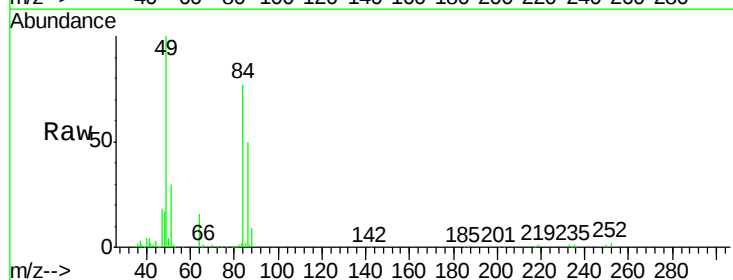
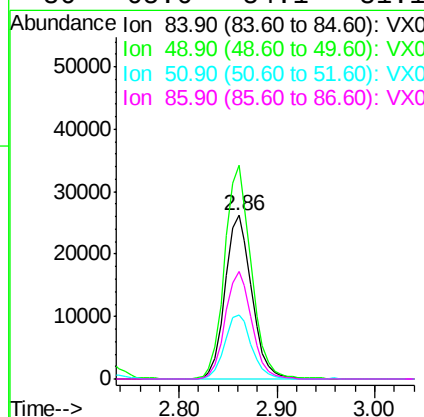
Manual Integrations
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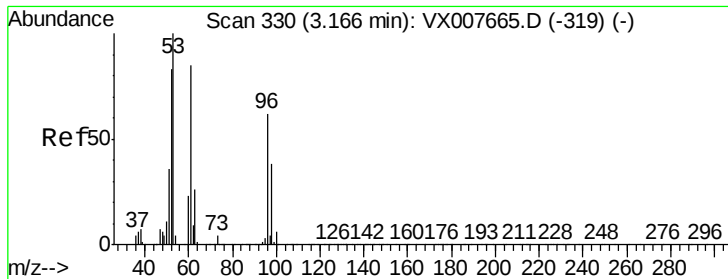
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#20
Methylene Chloride
Concen: 16.907 ug/l
RT: 2.86 min Scan# 280
Delta R.T. -0.00 min
Lab File: VX007848.D
Acq: 05 Mar 2019 20:08

Tgt Ion: 84 Resp: 49468
Ion Ratio Lower Upper
84 100
49 130.2 94.8 142.2
51 39.0 29.8 44.8
86 65.6 54.1 81.1





#21

trans-1,2-Dichloroethene

Concen: 16.837 ug/l

RT: 3.17 min Scan# 330

Delta R.T. -0.00 min

Lab File: VX007848.D

Acq: 05 Mar 2019 20:08

Instrument :

MSVOA_X

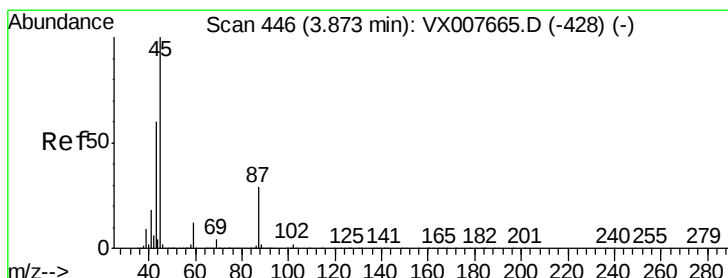
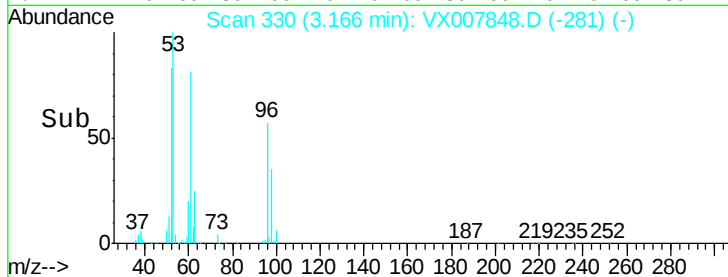
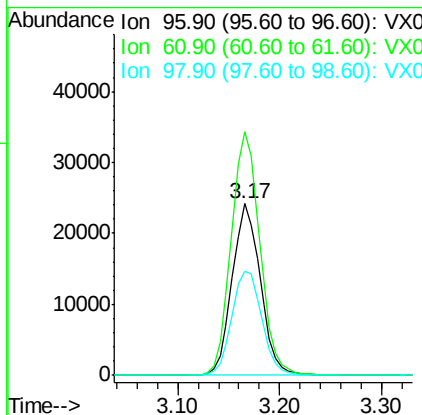
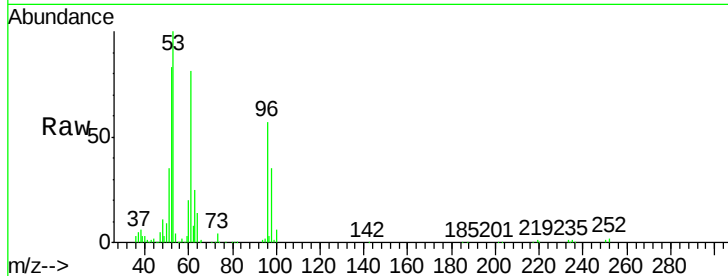
ClientSampleId :

VX0305WBSD01

Tot Ion:	96	Resp:	46058
Ion Ratio	Lower	Upper	
96	100		
61	141.8	104.6	156.8
98	60.6	51.0	76.4

Manual Integrations
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#22

Diisopropyl ether

Concen: 18.564 ug/l

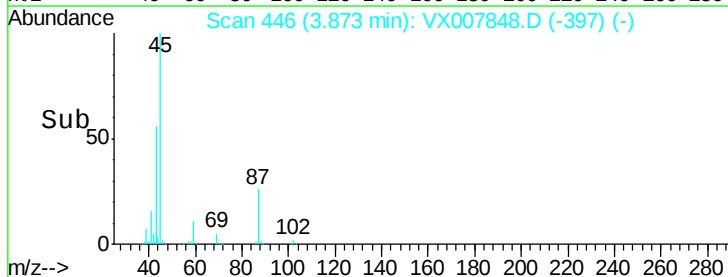
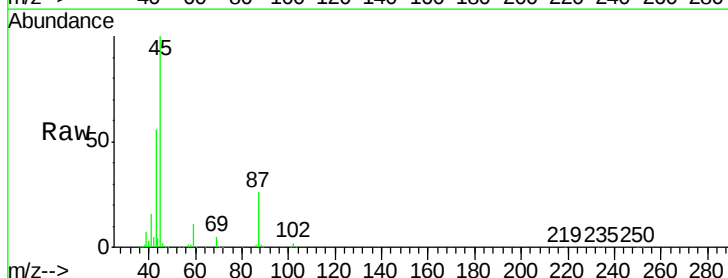
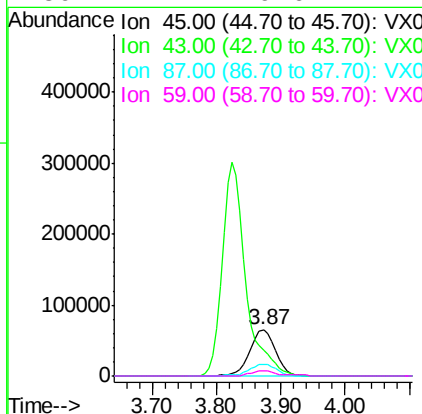
RT: 3.87 min Scan# 446

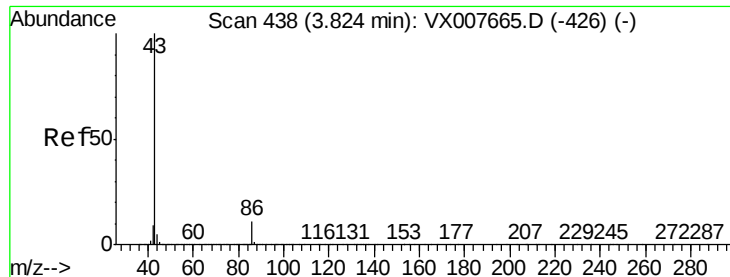
Delta R.T. -0.00 min

Lab File: VX007848.D

Acq: 05 Mar 2019 20:08

Tgt Ion:	45	Resp:	179799
Ion Ratio	Lower	Upper	
45	100		
43	56.3	48.9	73.3
87	26.1	23.9	35.9
59	11.1	9.6	14.4





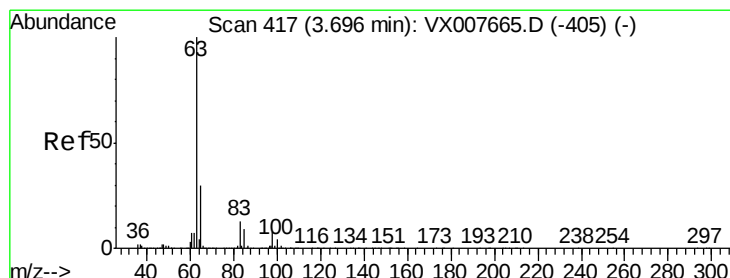
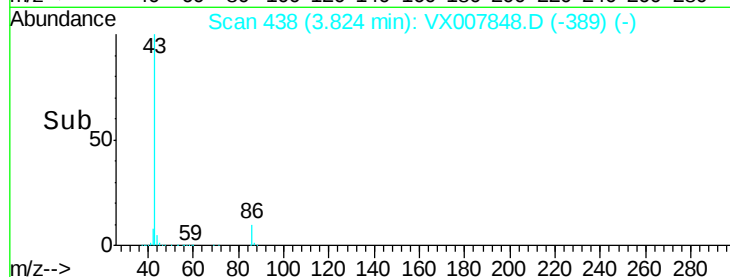
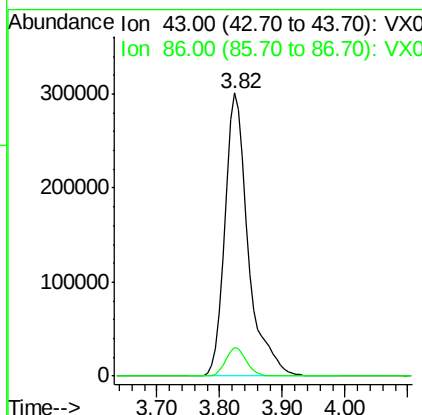
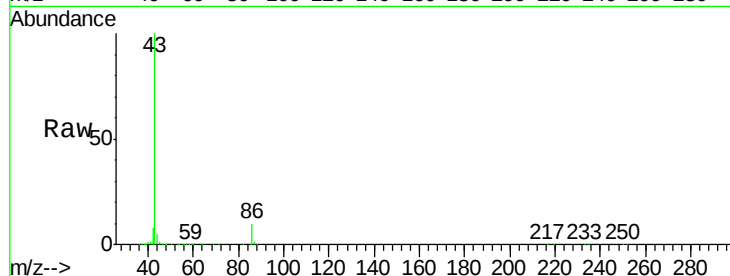
#23
 Vinyl Acetate
 Concen: 90.865 ug/l
 RT: 3.82 min Scan# 438
 Delta R.T. -0.00 min
 Lab File: VX007848.D
 Acq: 05 Mar 2019 20:08

Instrument :
 MSVOA_X
 ClientSampled :
 VX0305WBSD01

Tot Ion	Ratio	Lower	Upper
43	100		
86	10.0	8.7	13.1

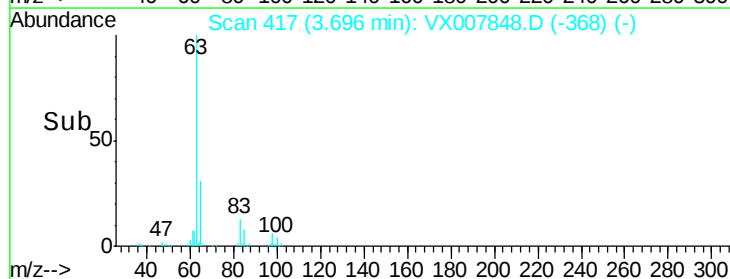
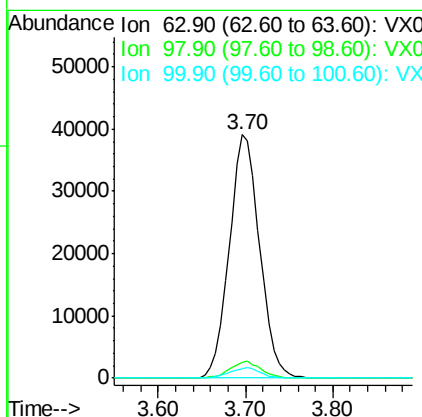
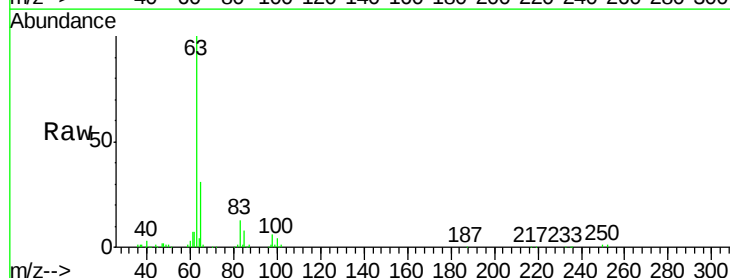
Manual Integrations
 APPROVED

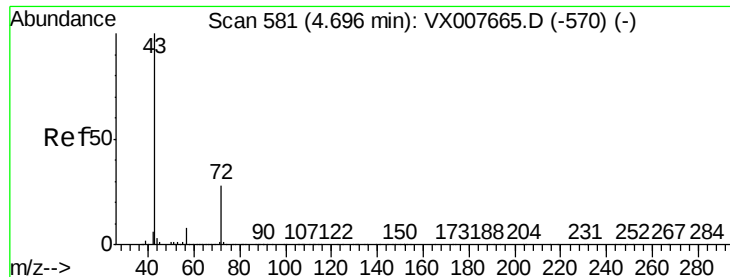
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#24
 1,1-Dichloroethane
 Concen: 17.880 ug/l
 RT: 3.70 min Scan# 417
 Delta R.T. -0.00 min
 Lab File: VX007848.D
 Acq: 05 Mar 2019 20:08

Tgt Ion	Ratio	Lower	Upper
63	100		
98	6.4	3.6	10.8
100	3.9	2.5	7.4





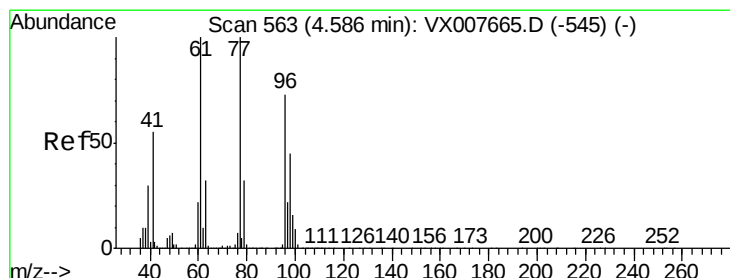
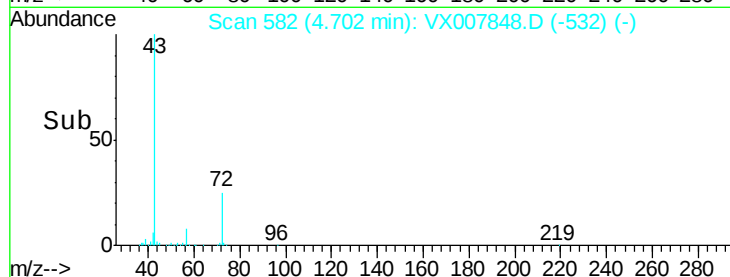
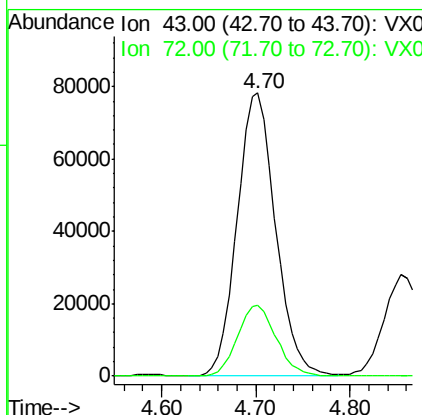
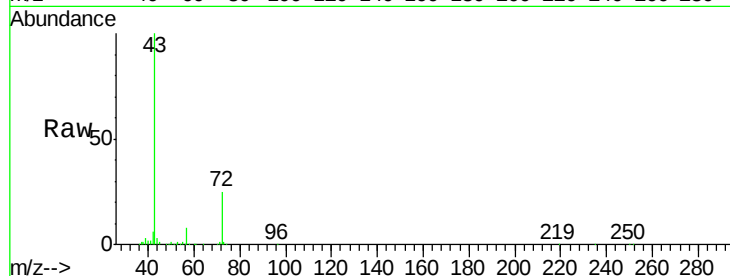
#25
2-Butanone
Concen: 92.229 ug/l
RT: 4.70 min Scan# 582
Delta R.T. 0.01 min
Lab File: VX007848.D
Acq: 05 Mar 2019 20:08

Instrument :
MSVOA_X
ClientSampleId :
VX0305WBSD01

Tot Ion: 43 Resp: 222609
Ion Ratio Lower Upper
43 100
72 24.9 22.2 33.2

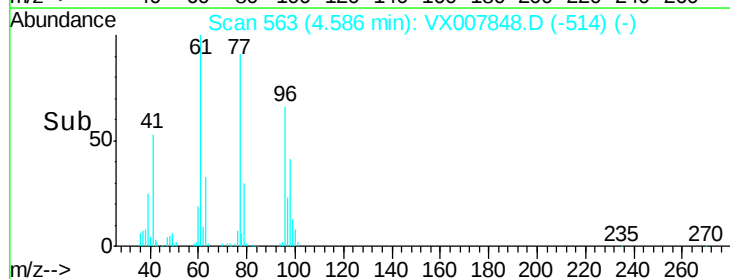
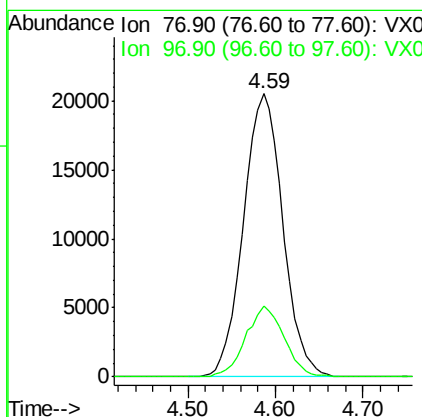
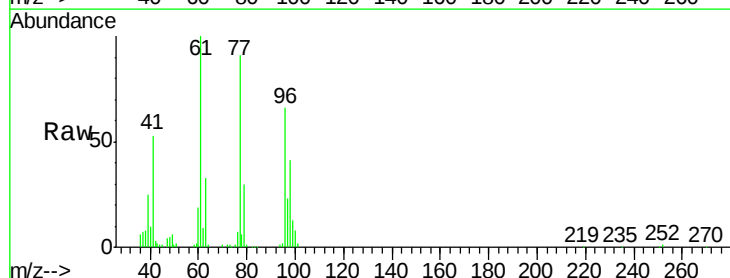
Manual Integrations
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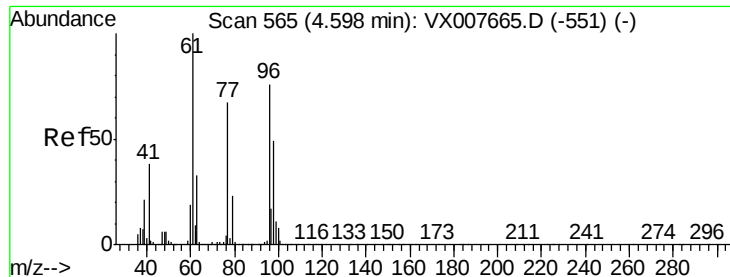
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#26
2,2-Dichloropropane
Concen: 15.335 ug/l
RT: 4.59 min Scan# 563
Delta R.T. -0.00 min
Lab File: VX007848.D
Acq: 05 Mar 2019 20:08

Tgt Ion: 77 Resp: 64432
Ion Ratio Lower Upper
77 100
97 24.3 12.1 36.3





#27

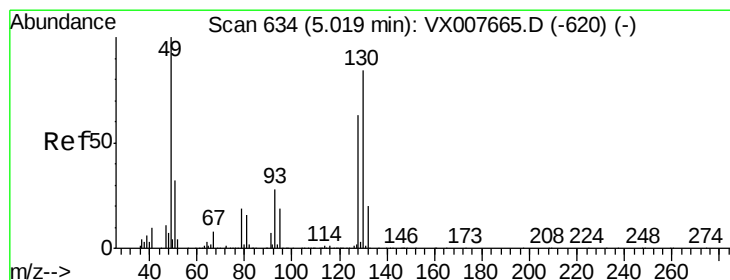
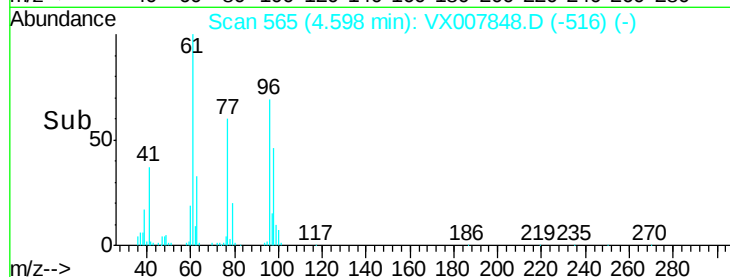
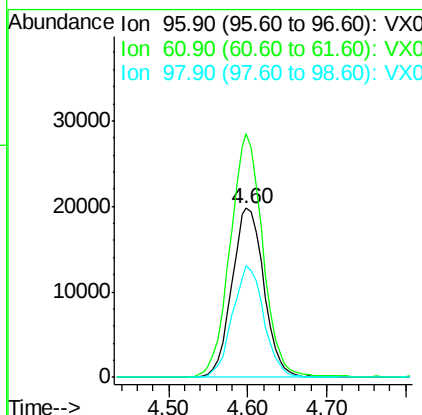
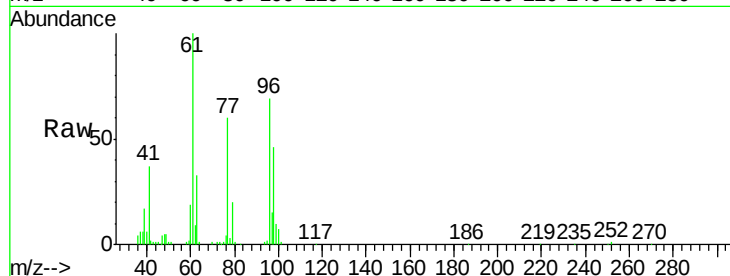
cis-1,2-Dichloroethene
Concen: 16.053 ug/l
RT: 4.60 min Scan# 565
Delta R.T. -0.00 min
Lab File: VX007848.D
Acq: 05 Mar 2019 20:08

Instrument :
MSVOA_X
ClientSampleId :
VX0305WBSD01

Tot Ion	Ratio	Lower	Upper
96	100		
61	147.4	0.0	265.6
98	64.6	0.0	131.6

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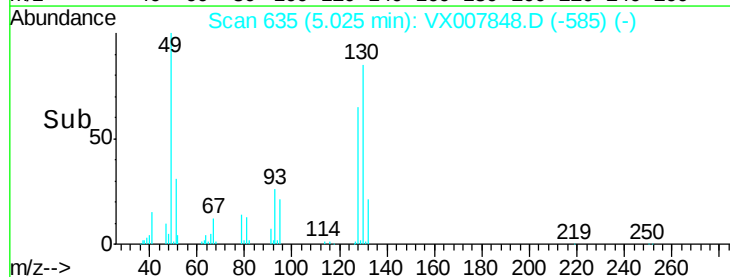
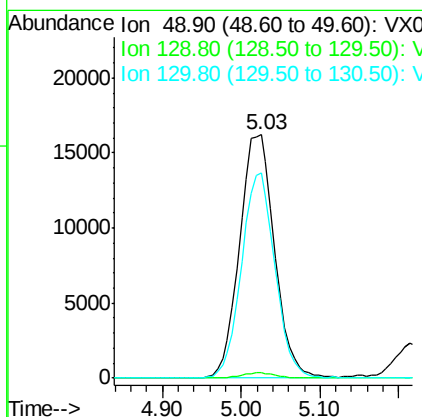
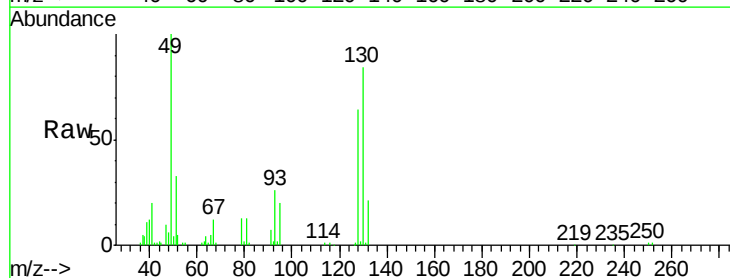
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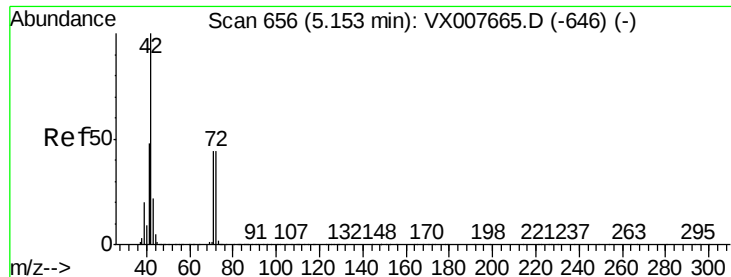


#28

Bromochloromethane
Concen: 19.554 ug/l
RT: 5.03 min Scan# 635
Delta R.T. 0.01 min
Lab File: VX007848.D
Acq: 05 Mar 2019 20:08

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.1	0.0	5.6
130	80.5	75.6	113.4





#29

Tetrahydrofuran

Concen: 91.767 ug/l

RT: 5.15 min Scan# 656

Delta R.T. -0.00 min

Lab File: VX007848.D

Acq: 05 Mar 2019 20:08

Instrument :

MSVOA_X

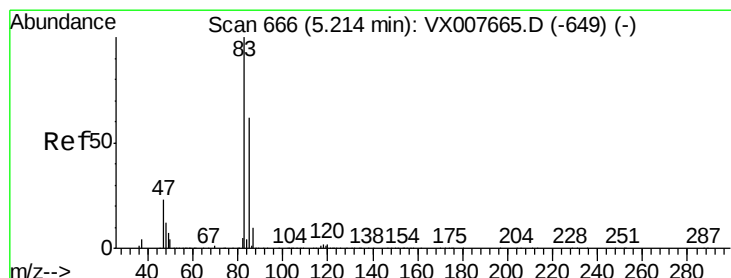
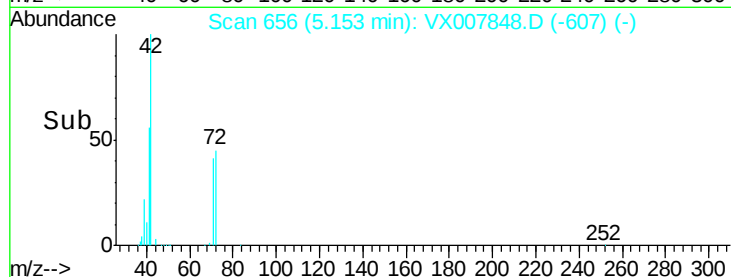
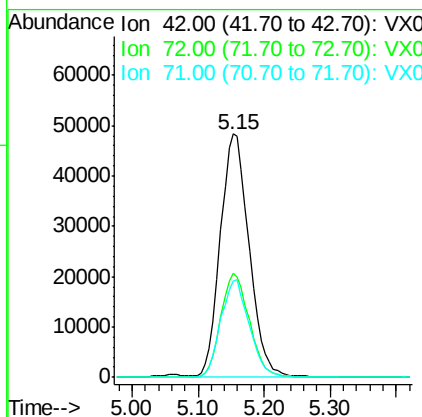
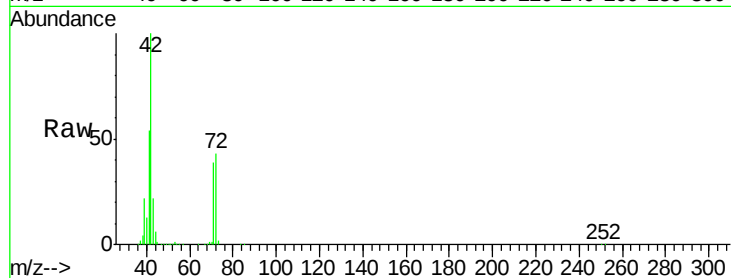
ClientSampleId :

VX0305WBSD01

Tot Ion:	42	Resp:	146004
Ion Ratio		Lower	Upper
42	100		
72	42.7	37.6	56.4
71	39.6	34.6	51.8

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#30

Chloroform

Concen: 16.121 ug/l

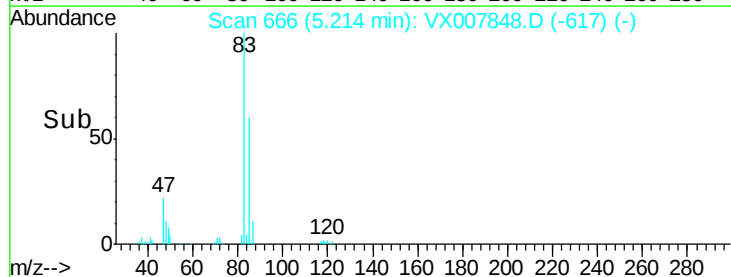
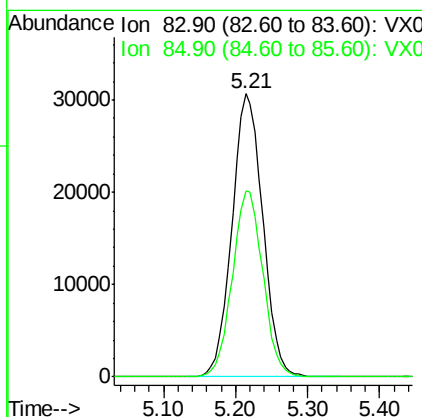
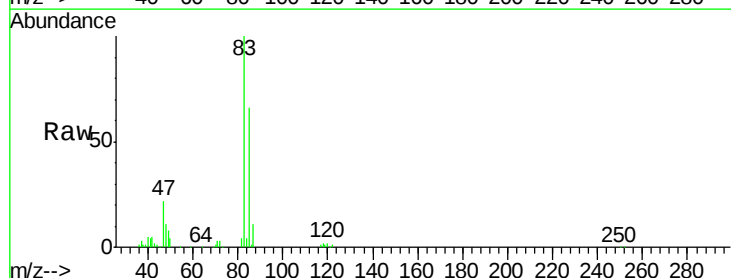
RT: 5.21 min Scan# 666

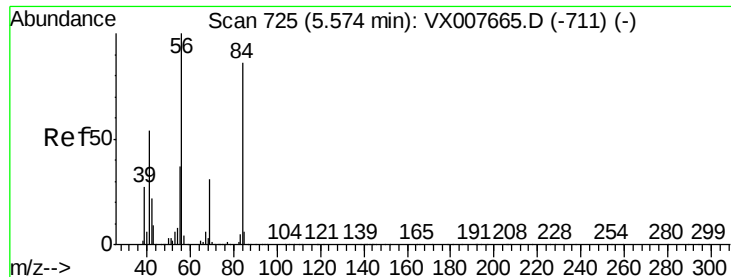
Delta R.T. -0.00 min

Lab File: VX007848.D

Acq: 05 Mar 2019 20:08

Tgt Ion:	83	Resp:	90893
Ion Ratio		Lower	Upper
83	100		
85	65.9	51.6	77.4





#31

Cyclohexane

Concen: 16.475 ug/l

RT: 5.57 min Scan# 725

Delta R.T. -0.00 min

Lab File: VX007848.D

Acq: 05 Mar 2019 20:08

Instrument :

MSVOA_X

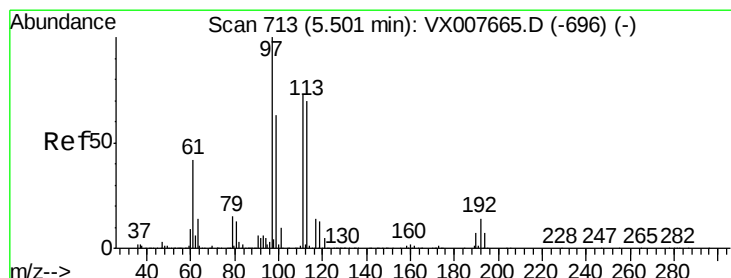
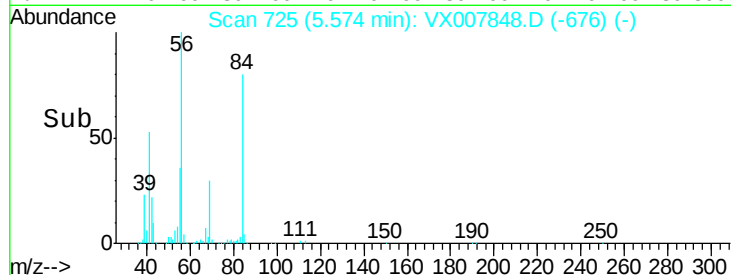
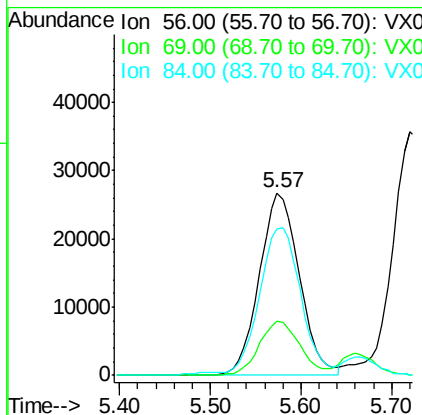
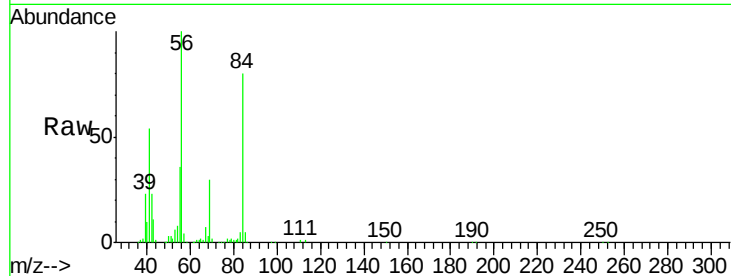
ClientSampleId :

VX0305WBSD01

Tot Ion:	56	Resp:	81571
Ion	Ratio	Lower	Upper
56	100		
69	29.7	23.0	34.6
84	79.2	69.8	104.6

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#32

1,1,1-Trichloroethane

Concen: 16.453 ug/l

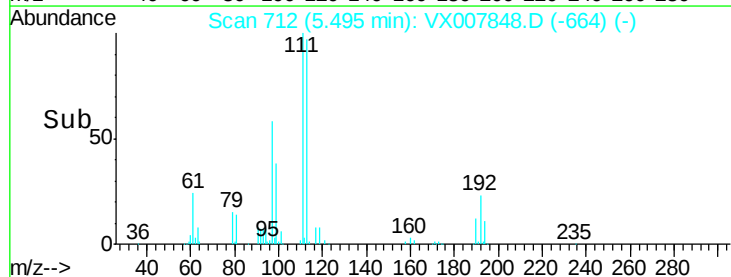
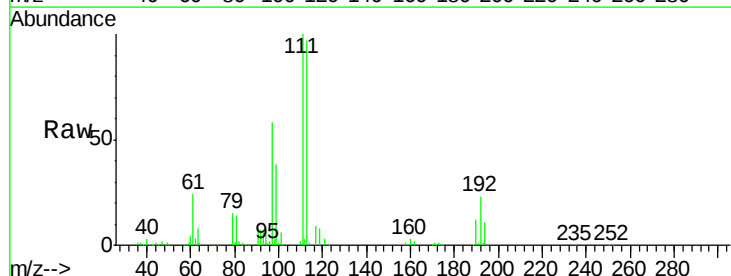
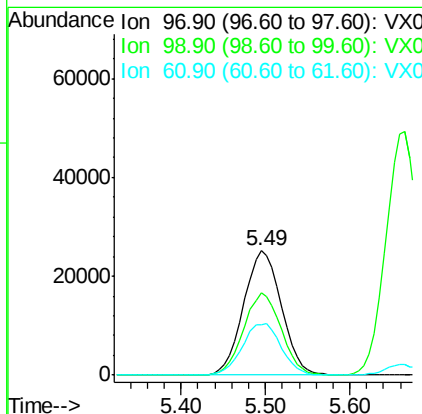
RT: 5.49 min Scan# 712

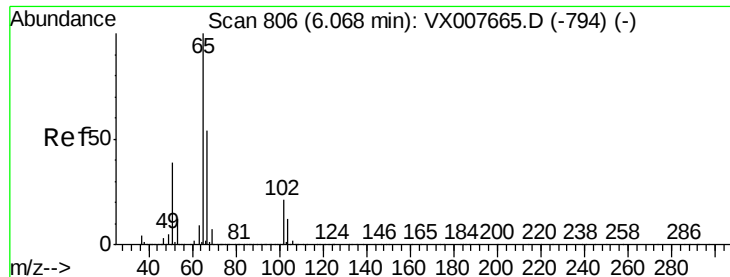
Delta R.T. -0.01 min

Lab File: VX007848.D

Acq: 05 Mar 2019 20:08

Tgt Ion:	97	Resp:	76720
Ion	Ratio	Lower	Upper
97	100		
99	65.8	52.2	78.2
61	42.7	32.7	49.1





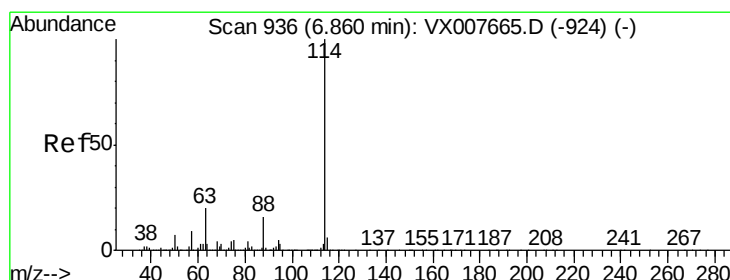
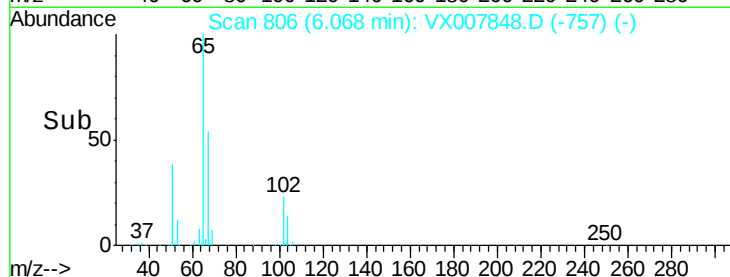
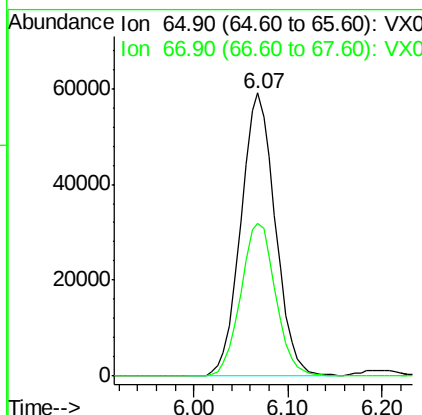
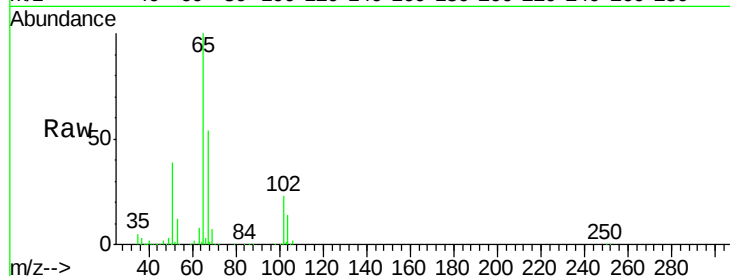
#33
 1,2-Dichloroethane-d4
 Concen: 42.459 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. -0.00 min
 Lab File: VX007848.D
 Acq: 05 Mar 2019 20:08

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0305WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
65	100	151288		
67	54.6	0.0	108.8	

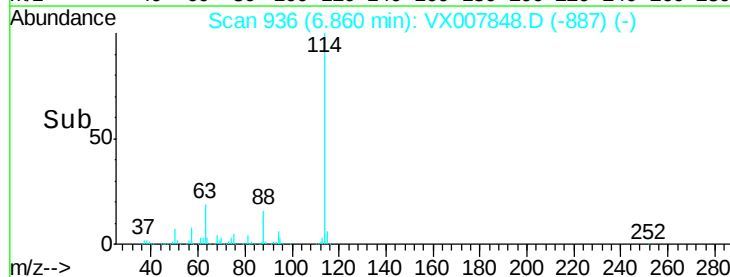
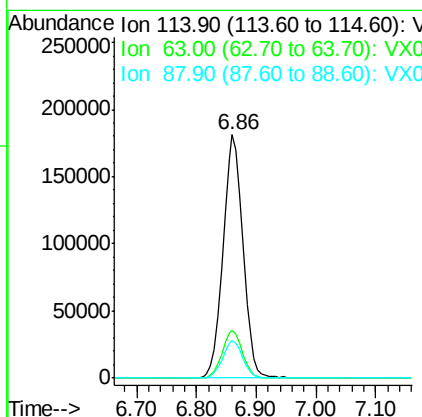
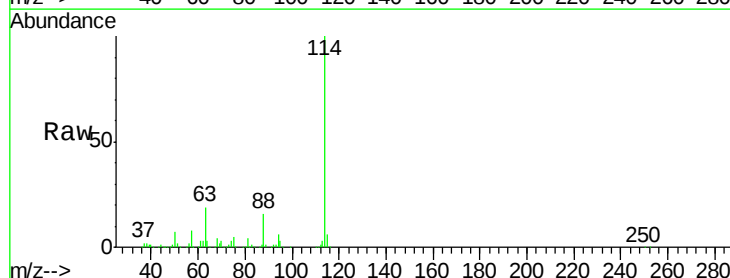
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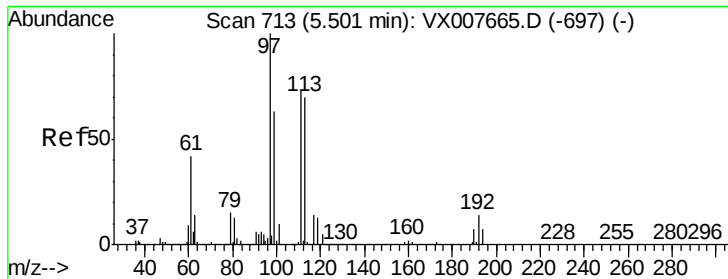
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX007848.D
 Acq: 05 Mar 2019 20:08

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	422571		
63	19.5	0.0	35.6	
88	15.5	0.0	29.6	





#35

Dibromofluoromethane

Concen: 47.777 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX007848.D

Acq: 05 Mar 2019 20:08

Instrument :

MSVOA_X

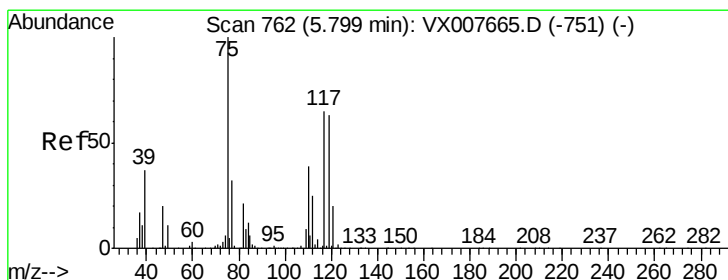
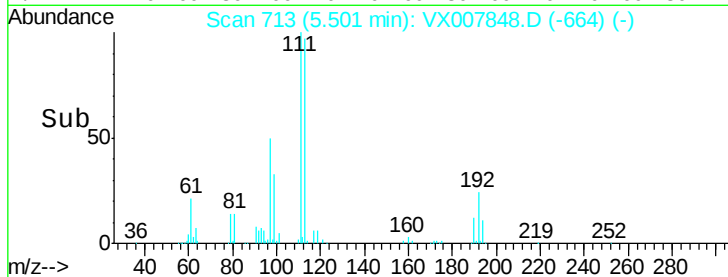
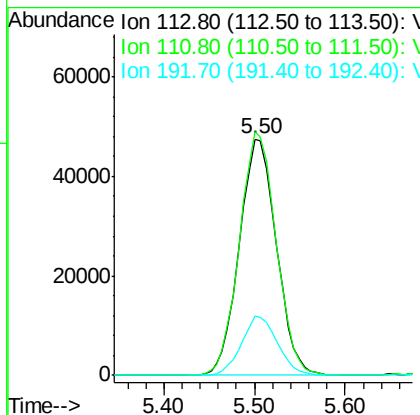
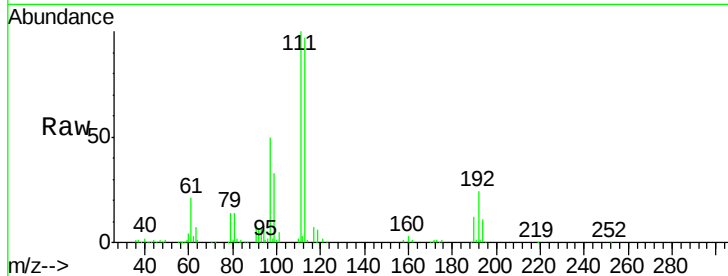
ClientSampleId :

VX0305WBSD01

Tot Ion:	113	Resp:	134957
Ion Ratio	Lower	Upper	
113	100		
111	102.2	81.8	122.8
192	24.2	18.5	27.7

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#36

1,1-Dichloropropene

Concen: 17.377 ug/l

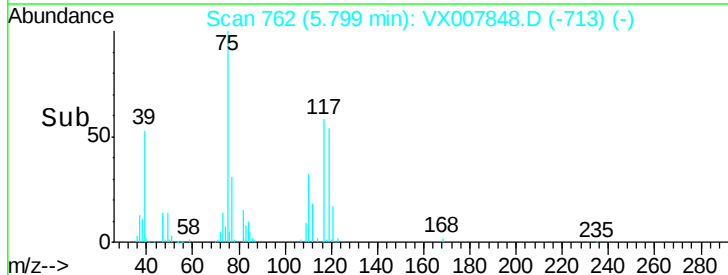
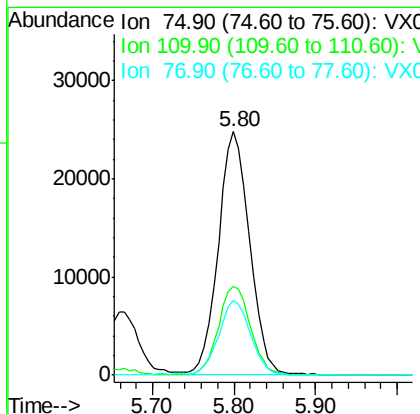
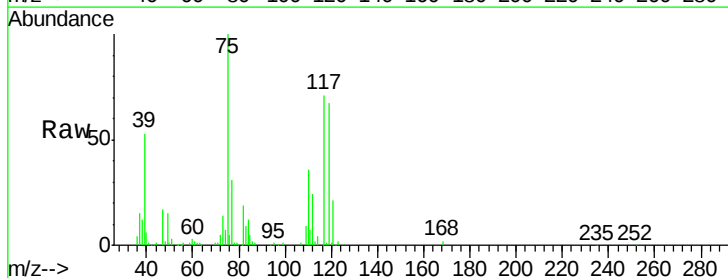
RT: 5.80 min Scan# 762

Delta R.T. -0.00 min

Lab File: VX007848.D

Acq: 05 Mar 2019 20:08

Tgt Ion:	75	Resp:	66016
Ion Ratio	Lower	Upper	
75	100		
110	37.3	20.0	59.9
77	31.1	24.7	37.1





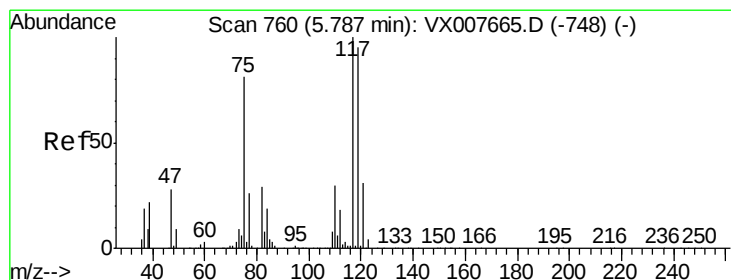
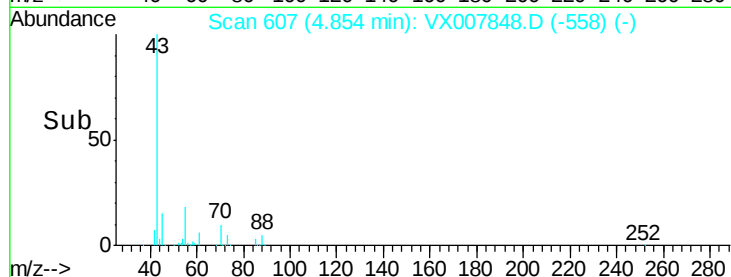
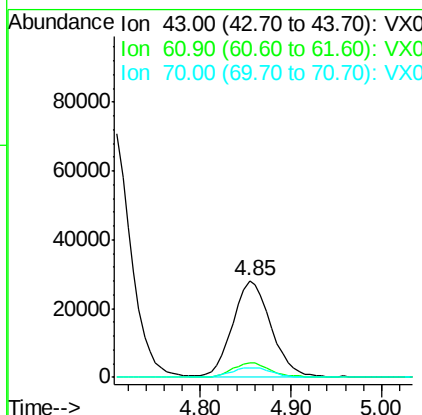
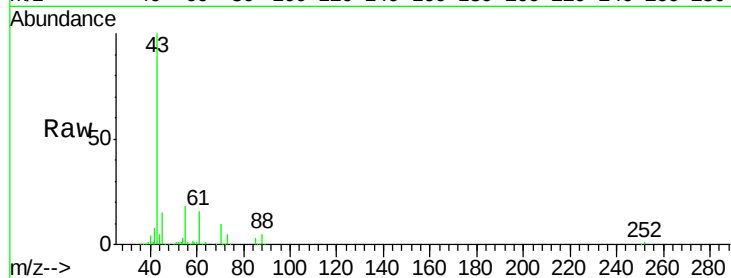
#37
Ethyl Acetate
Concen: 19.262 ug/l
RT: 4.85 min Scan# 607
Delta R.T. -0.00 min
Lab File: VX007848.D
Acq: 05 Mar 2019 20:08

Instrument :
MSVOA_X
ClientSampleId :
VX0305WBSD01

Tot Ion	Ratio	Lower	Upper
43	100		
61	15.0	11.3	16.9
70	10.9	8.6	13.0

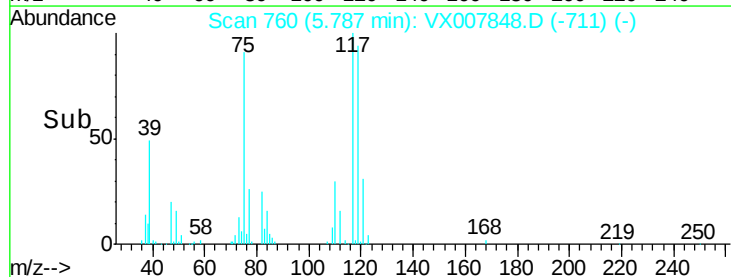
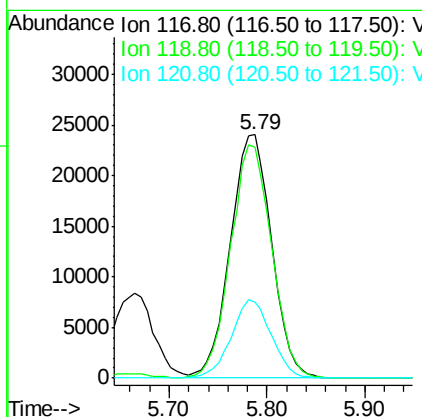
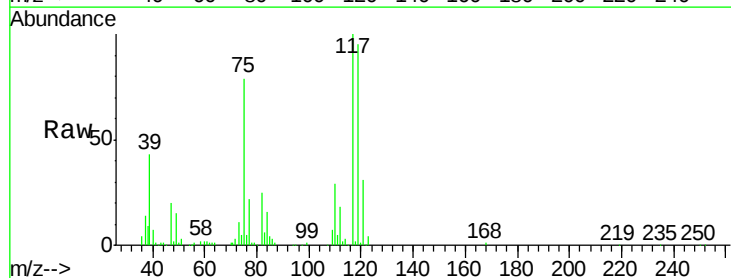
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#38
Carbon Tetrachloride
Concen: 18.478 ug/l
RT: 5.79 min Scan# 760
Delta R.T. -0.00 min
Lab File: VX007848.D
Acq: 05 Mar 2019 20:08

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.0	75.3	112.9
121	31.2	25.0	37.4





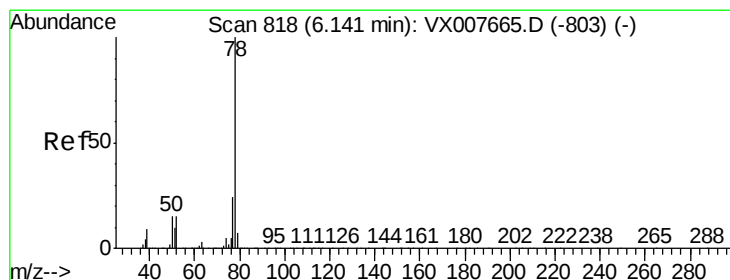
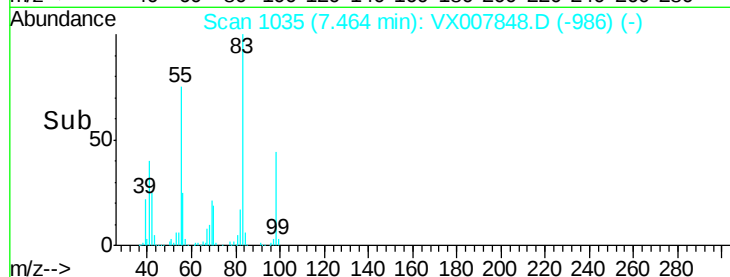
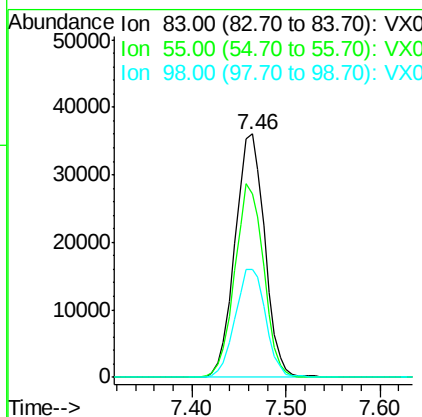
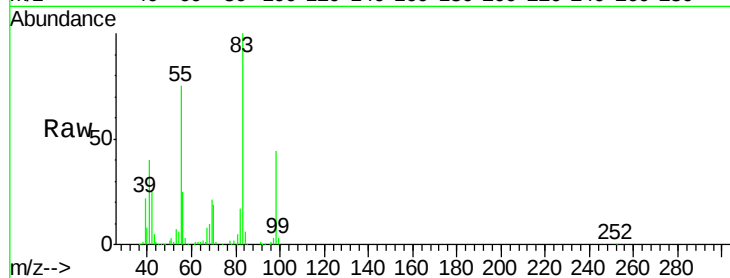
#39
Methvlcvclohexane
Concen: 16.511 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. -0.00 min
Lab File: VX007848.D
Acq: 05 Mar 2019 20:08

Instrument :
MSVOA_X
ClientSampleId :
VX0305WBSD01

Tot Ion	Ratio	Lower	Upper
83	100		
55	75.5	56.2	84.2
98	44.2	36.8	55.2

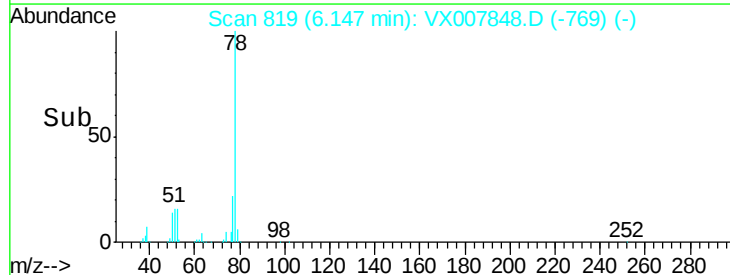
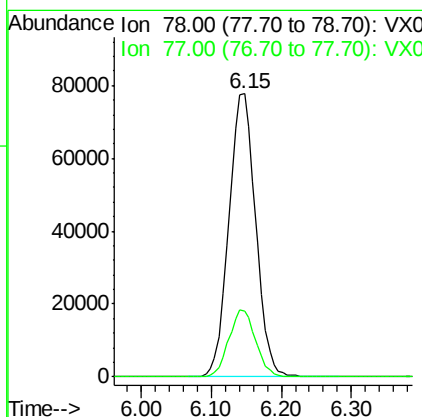
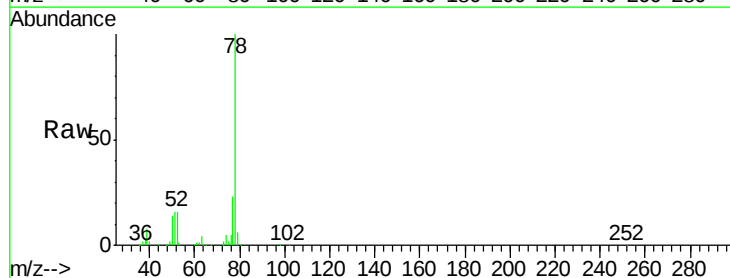
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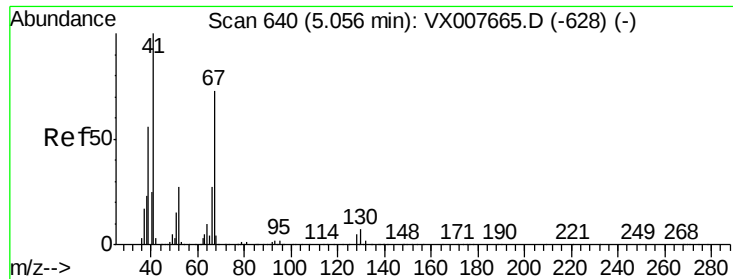
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#40
Benzene
Concen: 17.702 ug/l
RT: 6.15 min Scan# 819
Delta R.T. 0.01 min
Lab File: VX007848.D
Acq: 05 Mar 2019 20:08

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.1	19.3	28.9





#41

Methacrylonitrile

Concen: 20.386 ug/l

RT: 5.06 min Scan# 641

Delta R.T. 0.01 min

Lab File: VX007848.D

Acq: 05 Mar 2019 20:08

Instrument :

MSVOA_X

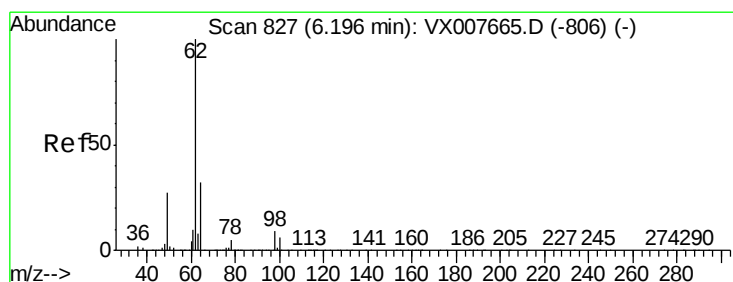
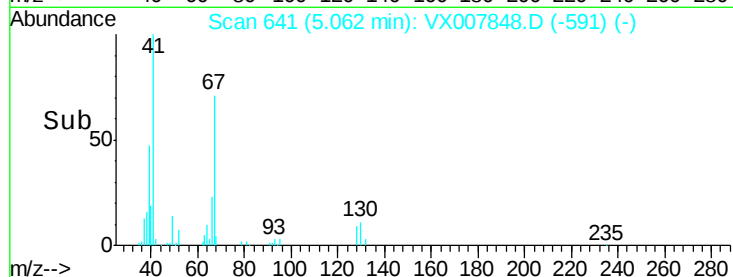
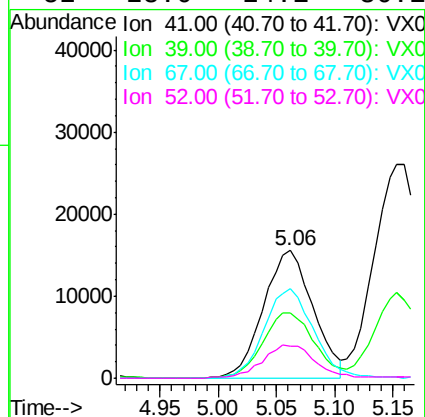
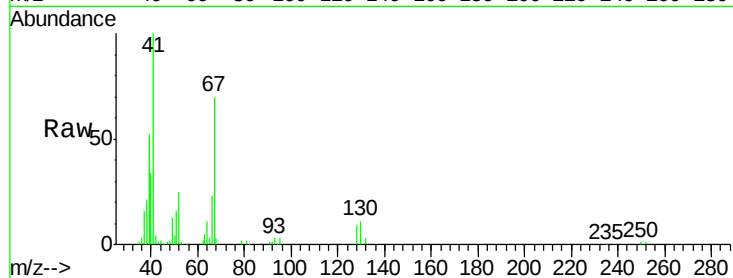
ClientSampleId :

VX0305WBSD01

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	54.0	44.5	66.7	
67	69.8	60.4	90.6	
52	28.0	24.1	36.1	

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#42

1,2-Dichloroethane

Concen: 17.398 ug/l

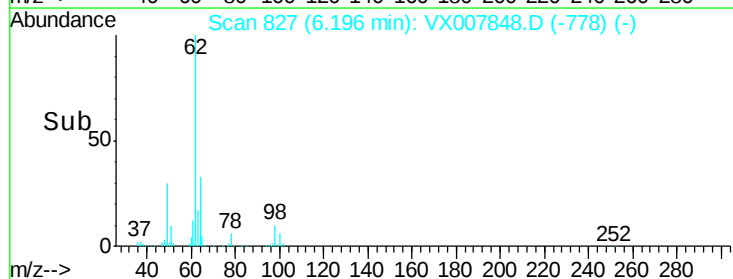
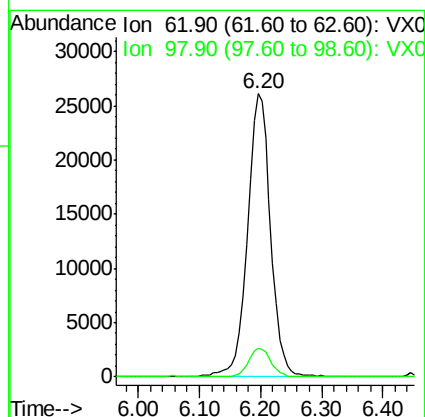
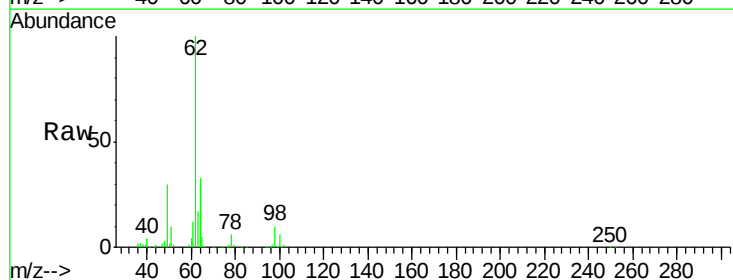
RT: 6.20 min Scan# 827

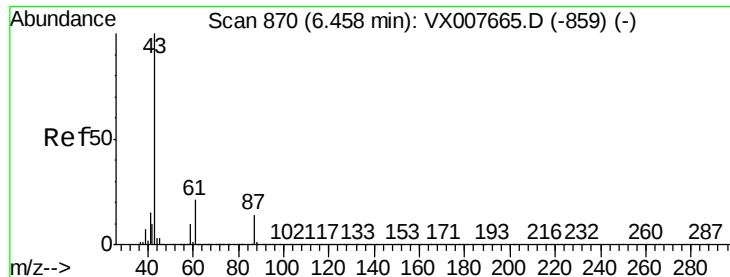
Delta R.T. -0.00 min

Lab File: VX007848.D

Acq: 05 Mar 2019 20:08

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	9.9	0.0	19.0	





#43

Isopropyl Acetate

Concen: 19.536 ug/l

RT: 6.46 min Scan# 870

Delta R.T. -0.00 min

Lab File: VX007848.D

Acq: 05 Mar 2019 20:08

Instrument :

MSVOA_X

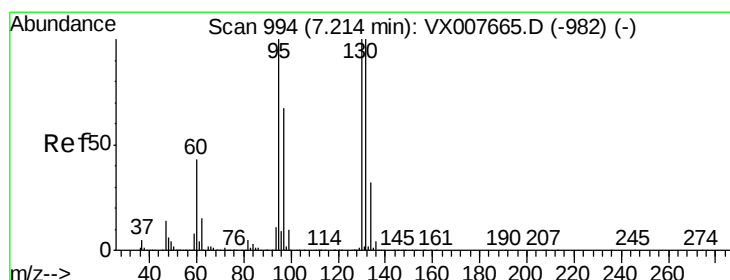
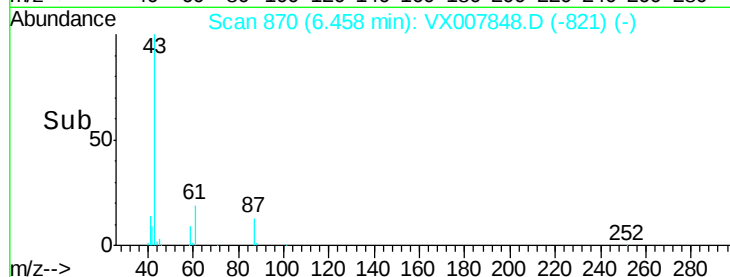
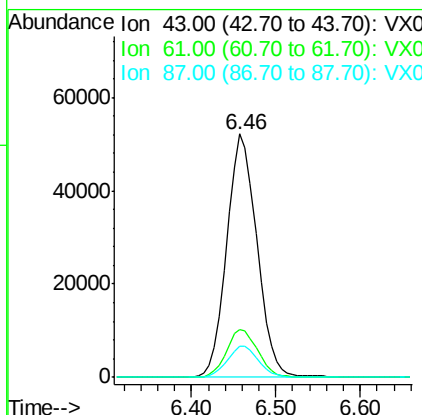
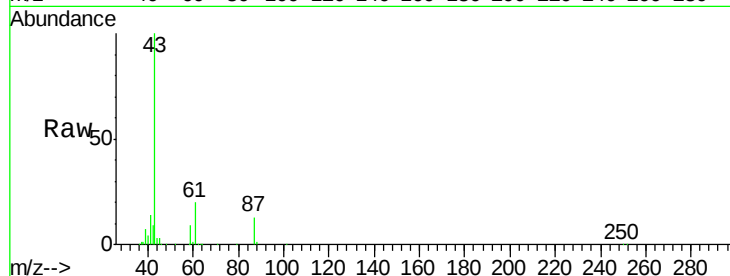
ClientSampleId :

VX0305WBSD01

Tot Ion:	43	Resp:	126886
Ion	Ratio	Lower	Upper
43	100		
61	20.4	16.1	24.1
87	13.3	11.5	17.3

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3/6/2019 9:49:46 AM



#44

Trichloroethene

Concen: 17.131 ug/l

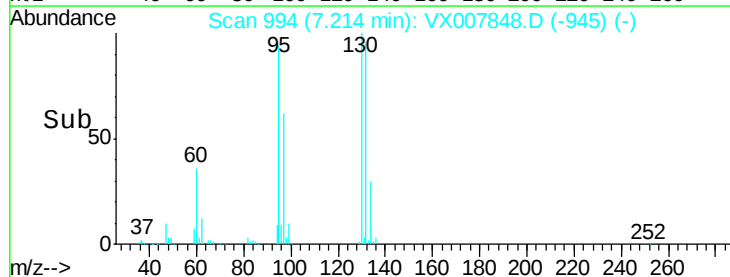
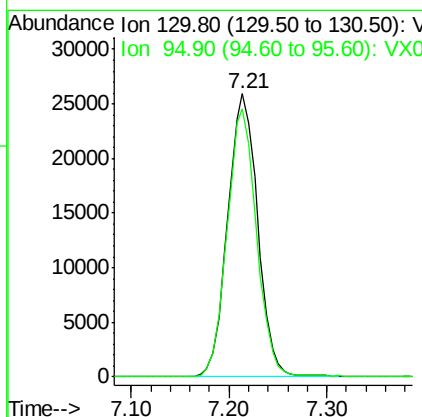
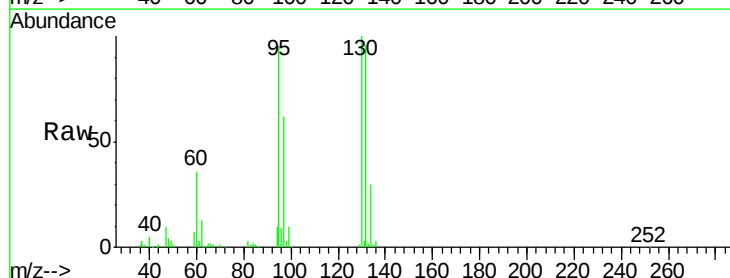
RT: 7.21 min Scan# 994

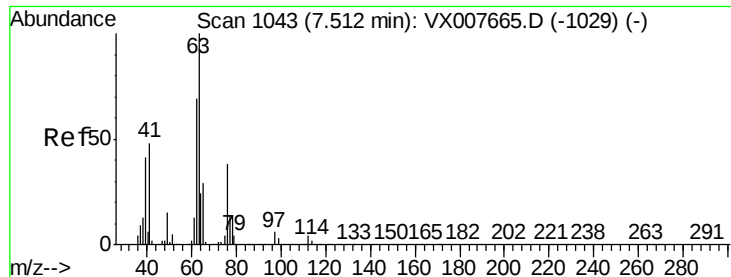
Delta R.T. -0.00 min

Lab File: VX007848.D

Acq: 05 Mar 2019 20:08

Tgt Ion:	130	Resp:	55267
Ion	Ratio	Lower	Upper
130	100		
95	94.5	0.0	180.0





#45

1,2-Dichloropropane

Concen: 18.495 ug/l

RT: 7.52 min Scan# 1044

Delta R.T. 0.01 min

Lab File: VX007848.D

Acq: 05 Mar 2019 20:08

Instrument :

MSVOA_X

ClientSampleId :

VX0305WBSD01

Tot Ion: 63 Resp: 56186

Ion Ratio Lower Upper

63 100

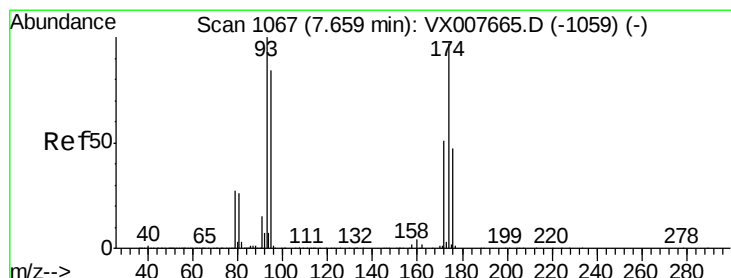
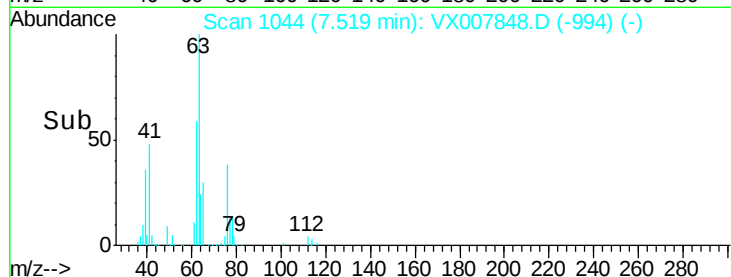
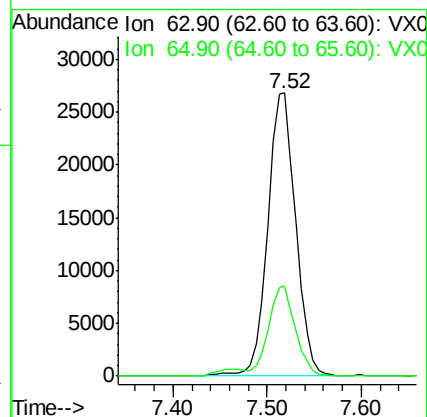
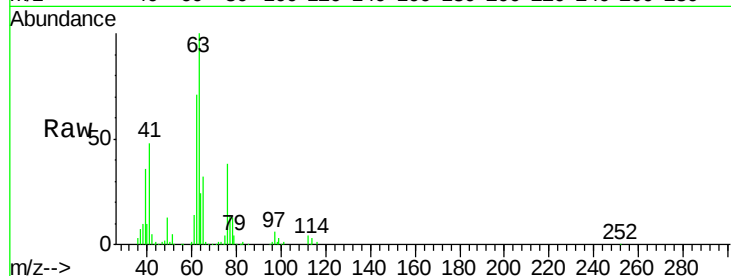
65 31.5 24.2 36.2

Manual Integrations

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#46

Dibromomethane

Concen: 16.782 ug/l

RT: 7.66 min Scan# 1067

Delta R.T. -0.00 min

Lab File: VX007848.D

Acq: 05 Mar 2019 20:08

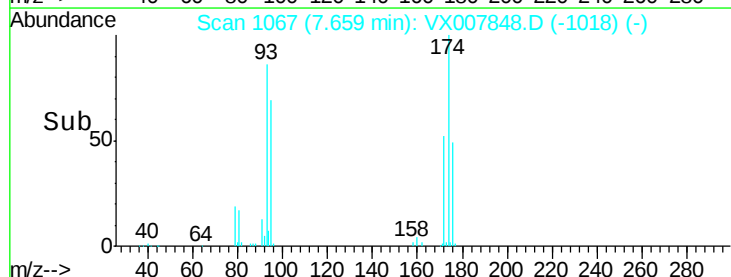
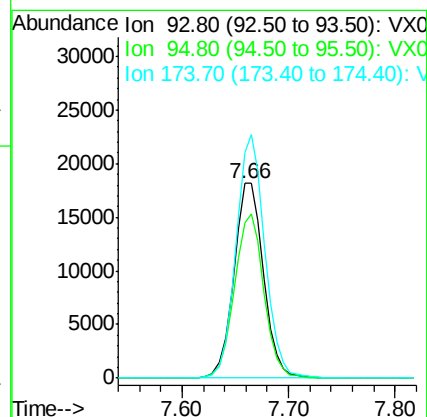
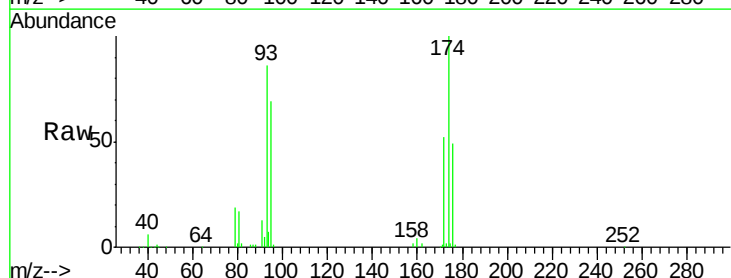
Tgt Ion: 93 Resp: 35568

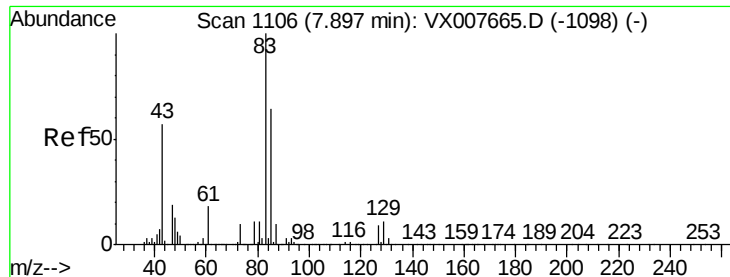
Ion Ratio Lower Upper

93 100

95 83.6 67.6 101.4

174 120.6 94.2 141.4





#47

Bromodichloromethane

Concen: 19.670 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. -0.00 min

Lab File: VX007848.D

Acq: 05 Mar 2019 20:08

Instrument :

MSVOA_X

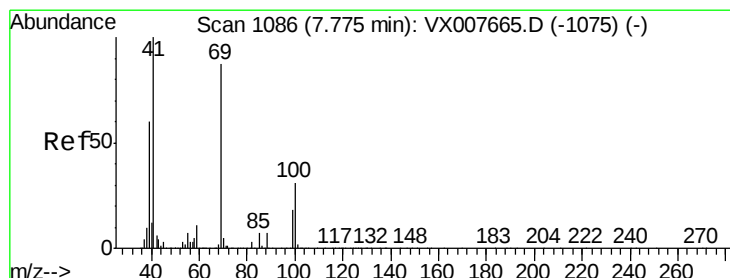
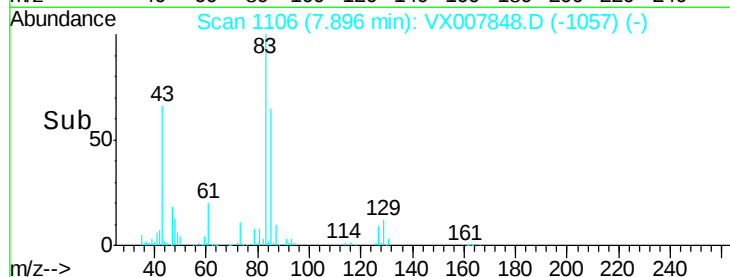
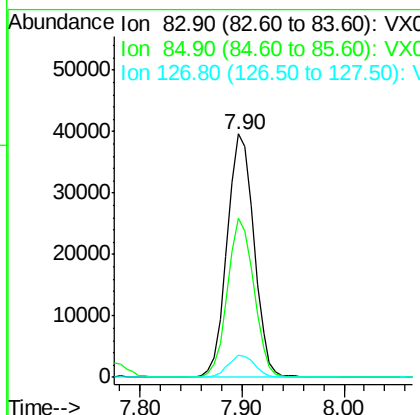
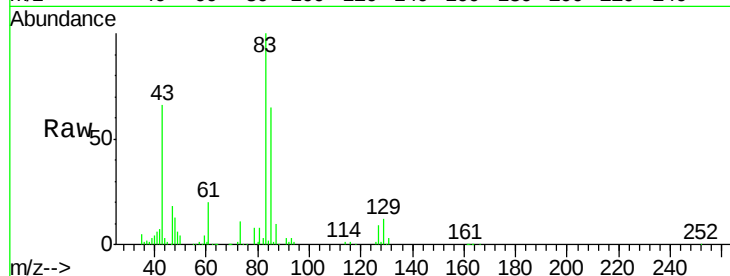
ClientSampleId :

VX0305WBSD01

Tot Ion:	83	Resp:	72244
Ion	Ratio	Lower	Upper
83	100		
85	65.2	51.4	77.0
127	9.0	8.1	12.1

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#48

Methyl methacrylate

Concen: 18.967 ug/l

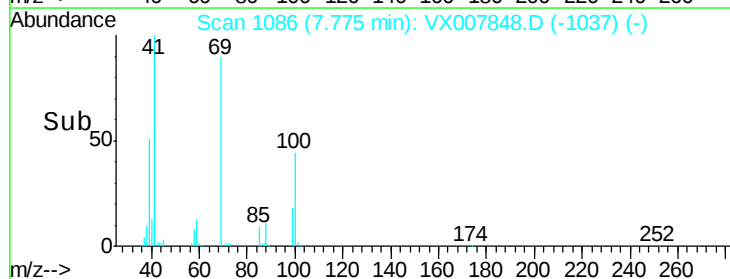
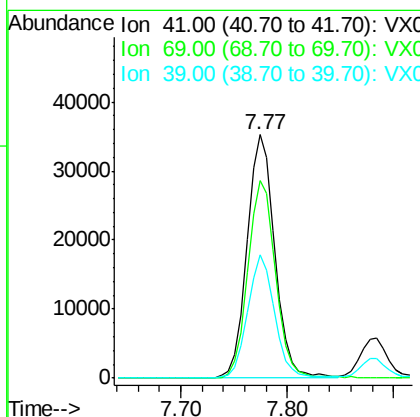
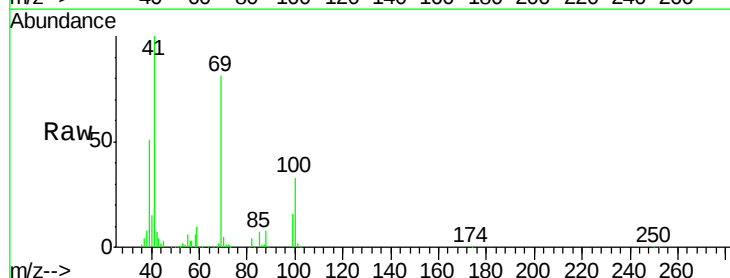
RT: 7.77 min Scan# 1086

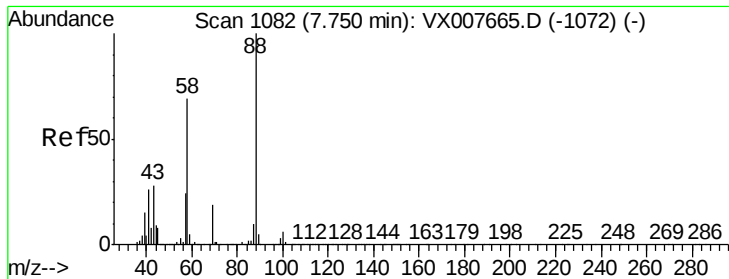
Delta R.T. -0.00 min

Lab File: VX007848.D

Acq: 05 Mar 2019 20:08

Tgt Ion:	41	Resp:	64574
Ion	Ratio	Lower	Upper
41	100		
69	81.5	70.2	105.4
39	48.9	47.4	71.0





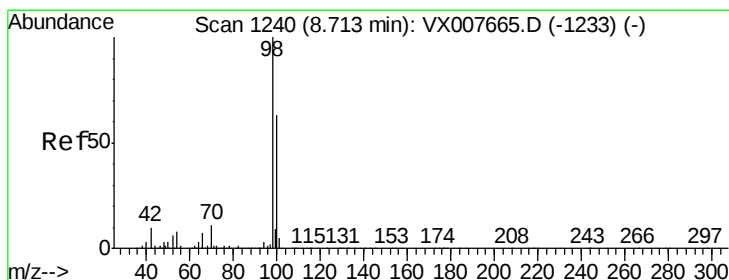
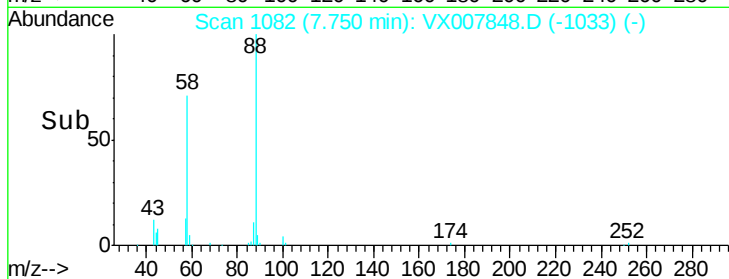
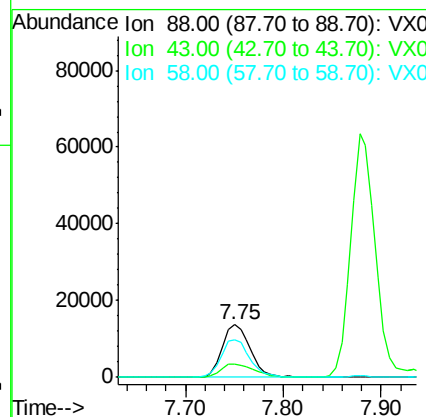
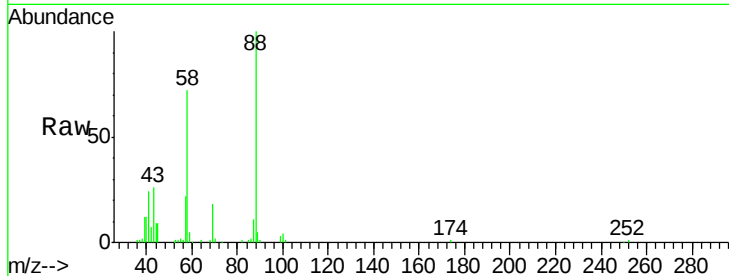
#49
1,4-Dioxane
Concen: 373.776 ug/l
RT: 7.75 min Scan# 1082
Delta R.T. -0.00 min
Lab File: VX007848.D
Acq: 05 Mar 2019 20:08

Instrument :
MSVOA_X
ClientSampleId :
VX0305WBSD01

Tot Ion	Ratio	Lower	Upper
88	100		
43	30.0	24.2	36.4
58	72.7	53.0	79.4

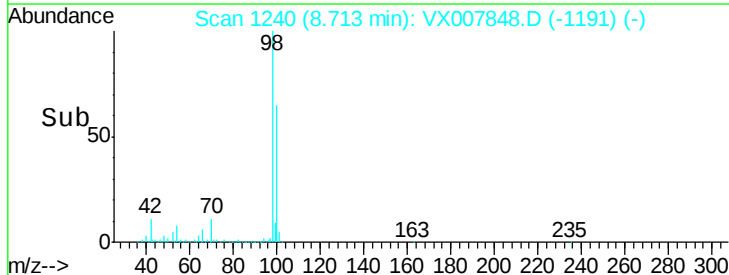
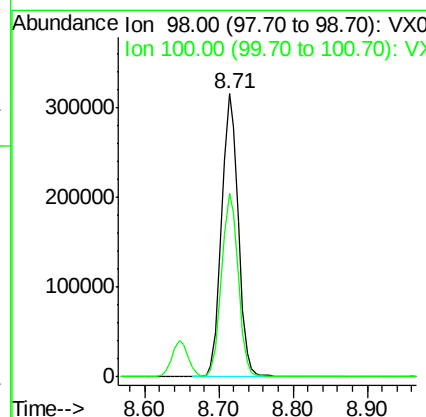
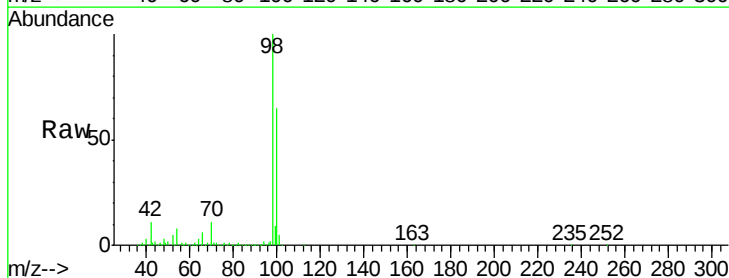
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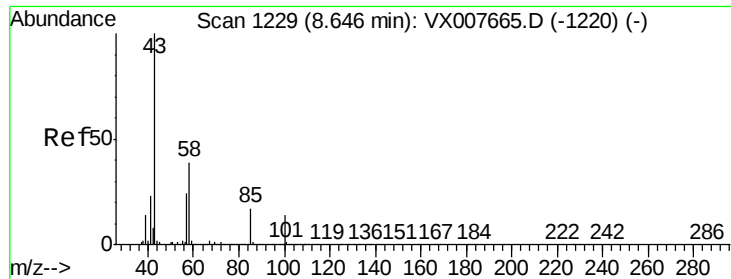
MMDadoda
3/6/2019 9:49:46 AM



#50
Toluene-d8
Concen: 44.841 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX007848.D
Acq: 05 Mar 2019 20:08

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.0	51.6	77.4





#51

4-Methyl-2-Pentanone

Concen: 95.888 ug/l

RT: 8.65 min Scan# 1229

Delta R.T. -0.00 min

Lab File: VX007848.D

Acq: 05 Mar 2019 20:08

Instrument :

MSVOA_X

ClientSampleId :

VX0305WBSD01

Tot Ion: 43 Resp: 416884

Ion Ratio Lower Upper

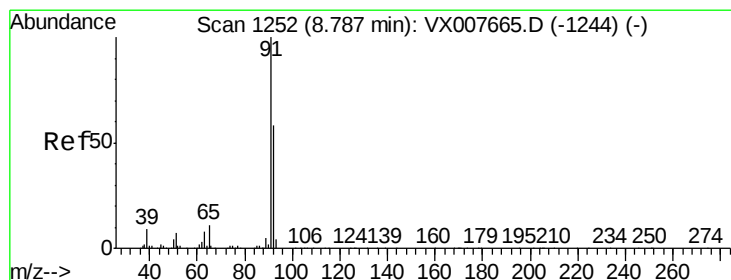
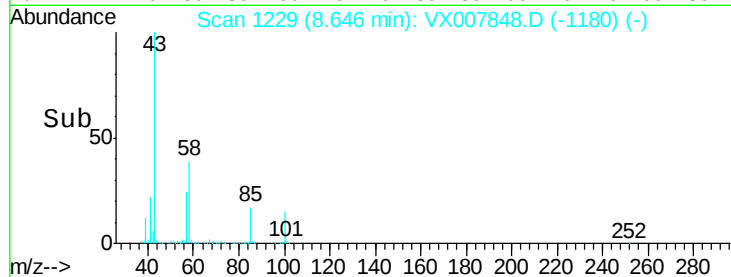
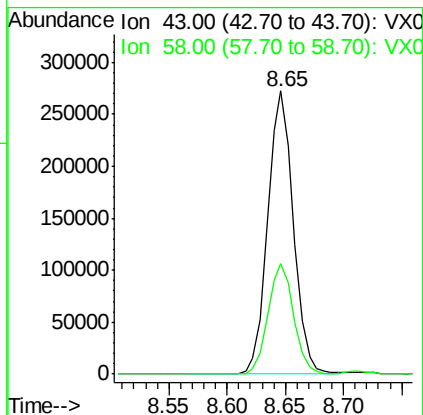
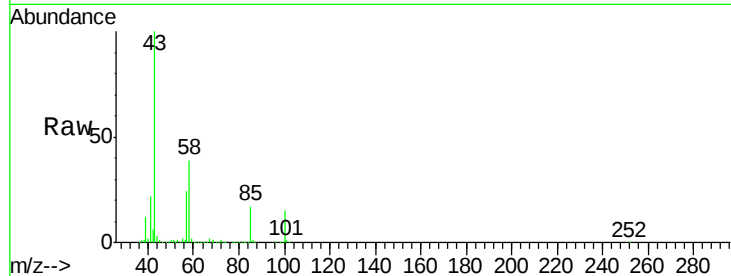
43 100

58 38.9 31.2 46.8

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#52

Toluene

Concen: 17.171 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. -0.00 min

Lab File: VX007848.D

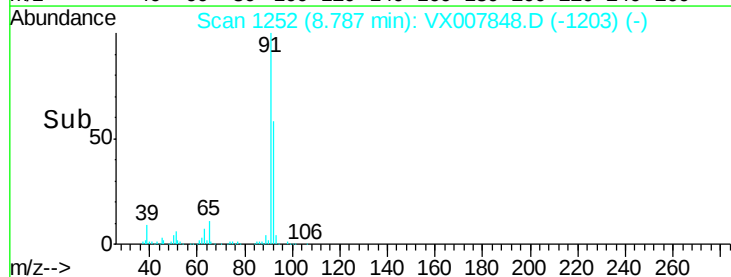
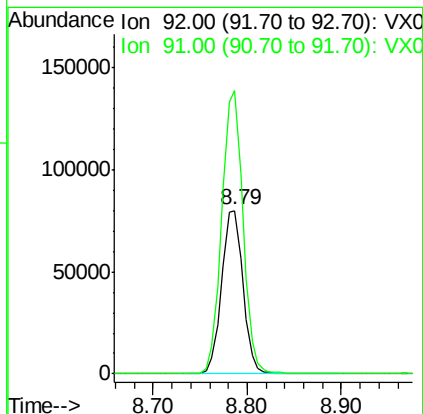
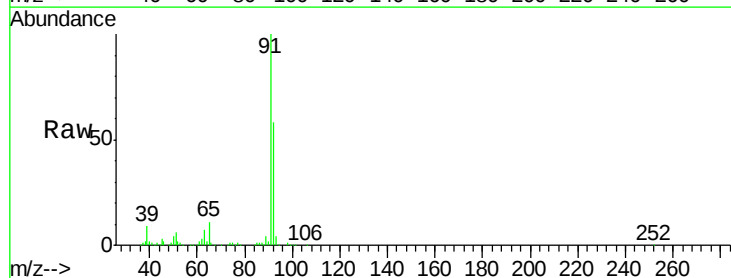
Acq: 05 Mar 2019 20:08

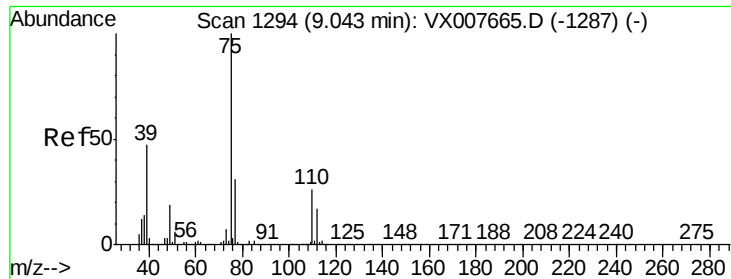
Tgt Ion: 92 Resp: 126982

Ion Ratio Lower Upper

92 100

91 171.8 139.1 208.7





#53

t-1,3-Dichloropropene

Concen: 18.247 ug/l

RT: 9.04 min Scan# 1294

Delta R.T. 0.00 min

Lab File: VX007848.D

Acq: 05 Mar 2019 20:08

Instrument :

MSVOA_X

ClientSampleId :

VX0305WBSD01

Tot Ion: 75 Resp: 74707

Ion Ratio Lower Upper

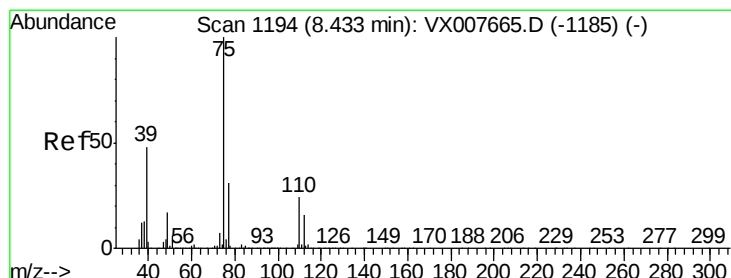
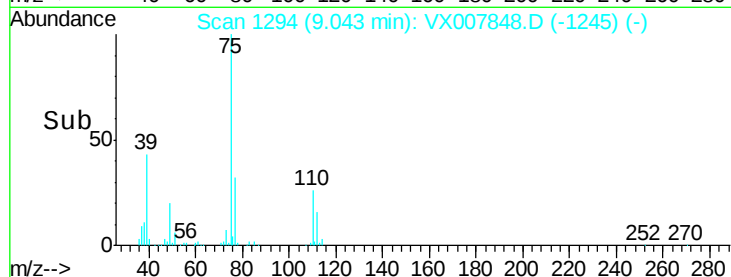
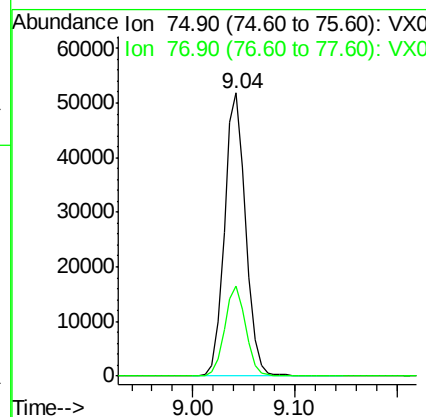
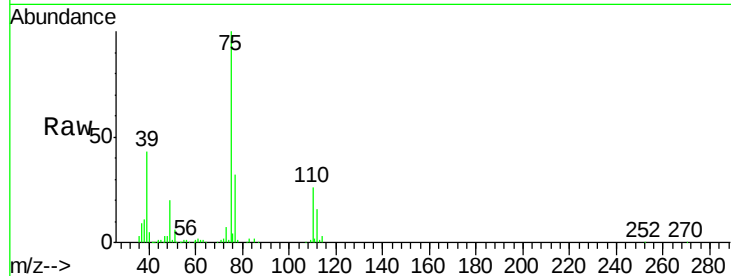
75 100

77 32.0 25.2 37.8

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#54

cis-1,3-Dichloropropene

Concen: 18.715 ug/l

RT: 8.43 min Scan# 1194

Delta R.T. -0.00 min

Lab File: VX007848.D

Acq: 05 Mar 2019 20:08

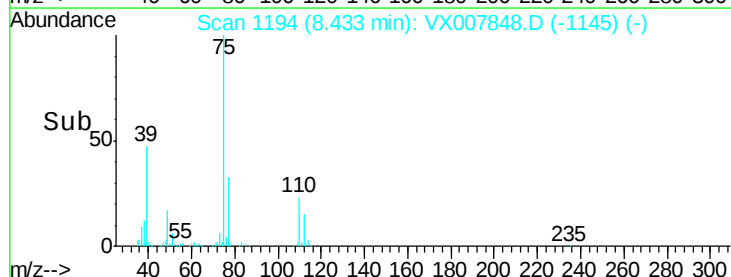
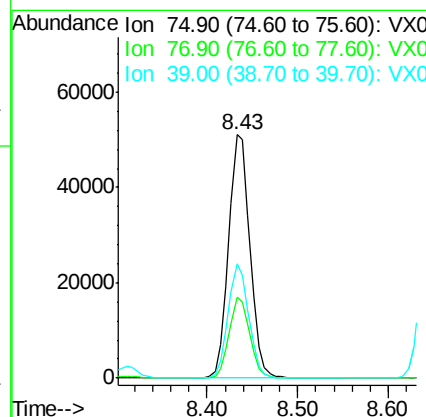
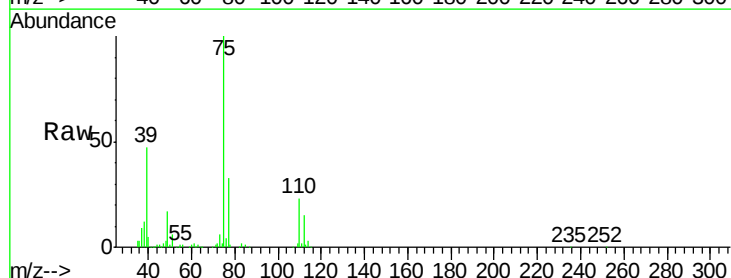
Tgt Ion: 75 Resp: 83413

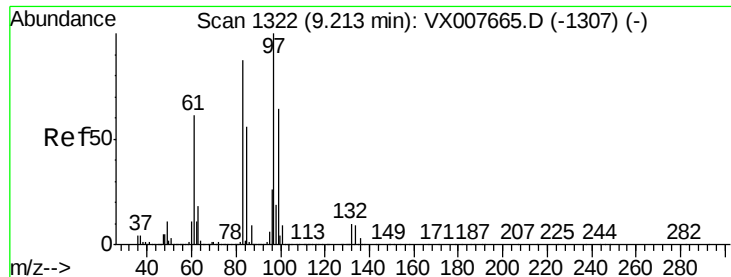
Ion Ratio Lower Upper

75 100

77 33.3 26.2 39.4

39 46.8 37.1 55.7





#55

1,1,2-Trichloroethane

Concen: 17.488 ug/l

RT: 9.21 min Scan# 1322

Delta R.T. -0.00 min

Lab File: VX007848.D

Acq: 05 Mar 2019 20:08

Instrument :

MSVOA_X

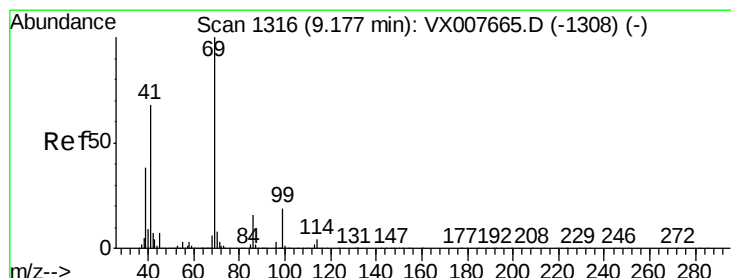
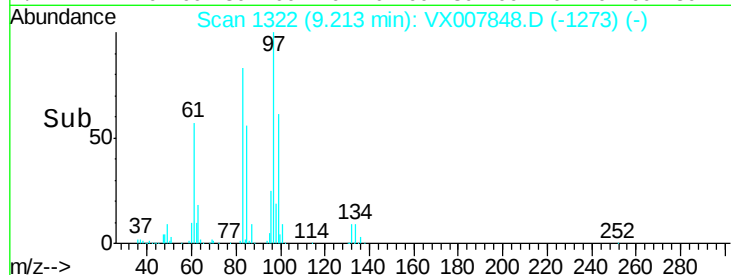
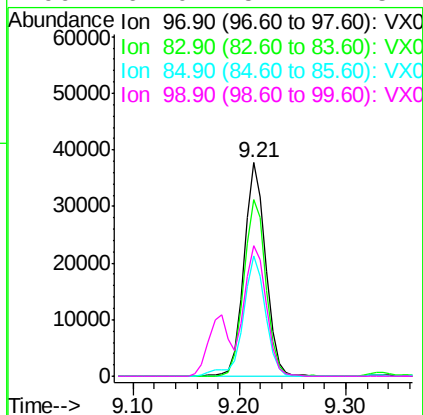
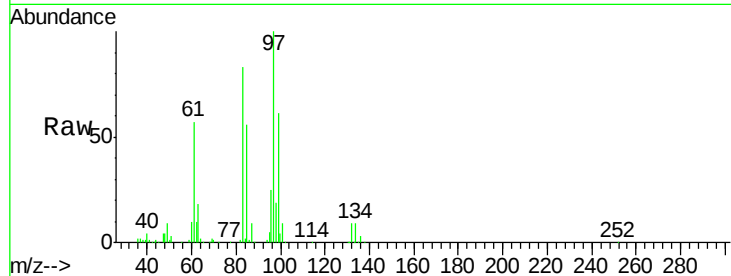
ClientSampleId :

VX0305WBSD01

Tot Ion:	97	Resp:	53930
Ion	Ratio	Lower	Upper
97	100		
83	83.0	68.6	102.8
85	56.4	44.5	66.7
99	61.0	52.2	78.4

Manual Integrations
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#56

Ethyl methacrylate

Concen: 17.853 ug/l

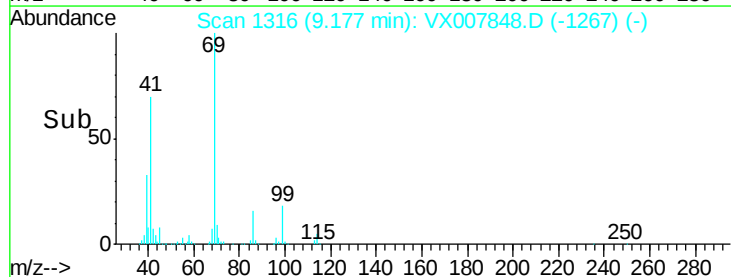
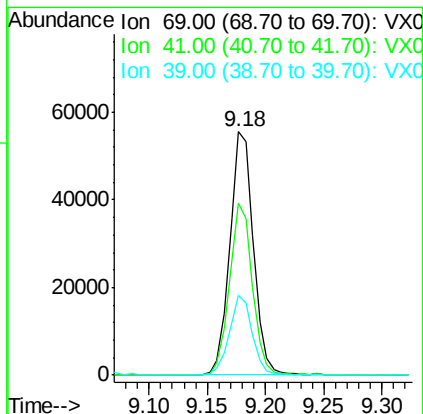
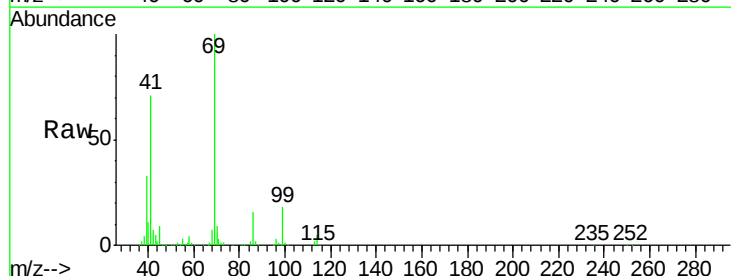
RT: 9.18 min Scan# 1316

Delta R.T. -0.00 min

Lab File: VX007848.D

Acq: 05 Mar 2019 20:08

Tgt Ion:	69	Resp:	78293
Ion	Ratio	Lower	Upper
69	100		
41	69.3	52.1	78.1
39	32.0	30.1	45.1





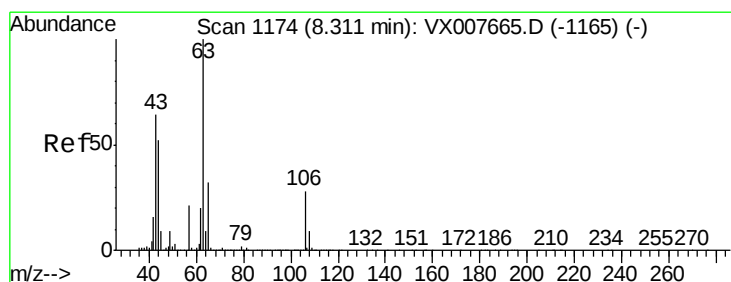
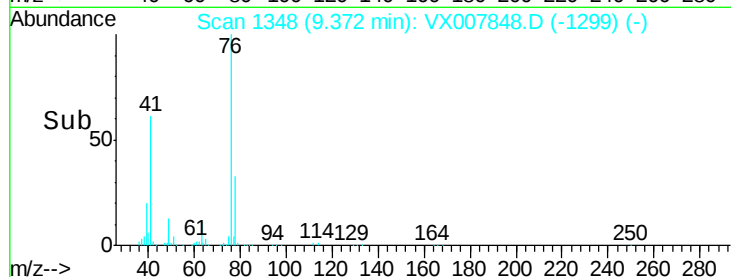
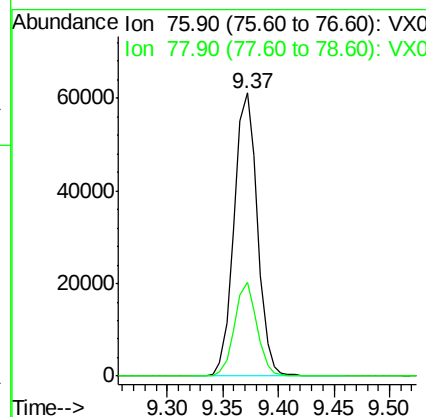
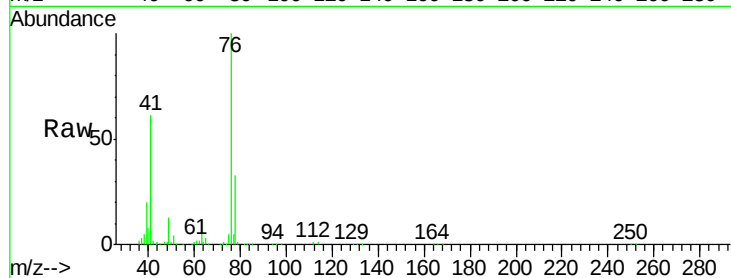
#57
 1,3-Dichloropropane
 Concen: 17.993 ug/l
 RT: 9.37 min Scan# 1348
 Delta R.T. -0.00 min
 Lab File: VX007848.D
 Acq: 05 Mar 2019 20:08

Instrument :
 MSVOA_X
 ClientSampled :
 VX0305WBSD01

Tot Ion	Ratio	Lower	Upper
76	100		
78	31.8	25.8	38.8

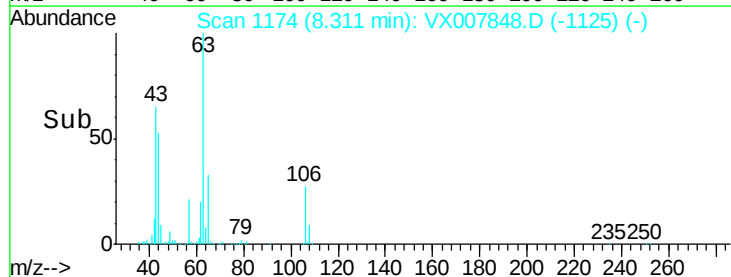
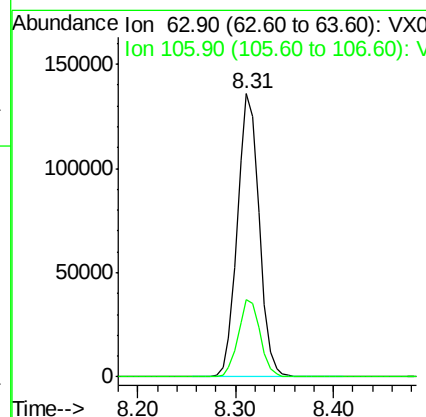
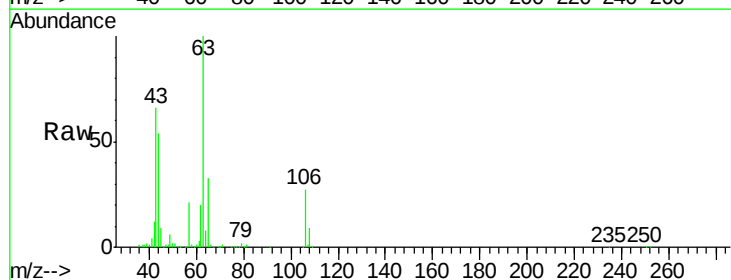
Manual Integrations
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 3/6/2019 9:49:46 AM



#58
 2-Chloroethyl Vinyl ether
 Concen: 87.014 ug/l
 RT: 8.31 min Scan# 1174
 Delta R.T. -0.00 min
 Lab File: VX007848.D
 Acq: 05 Mar 2019 20:08

Tgt Ion	Ratio	Lower	Upper
63	100		
106	27.5	23.6	35.4





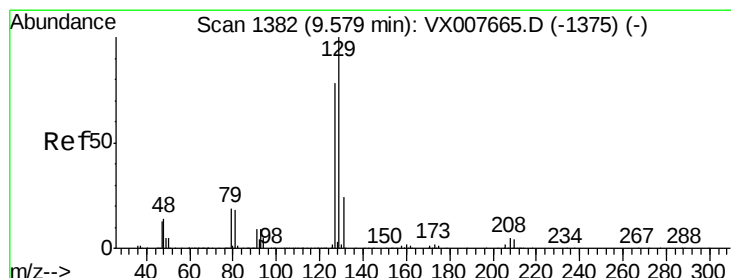
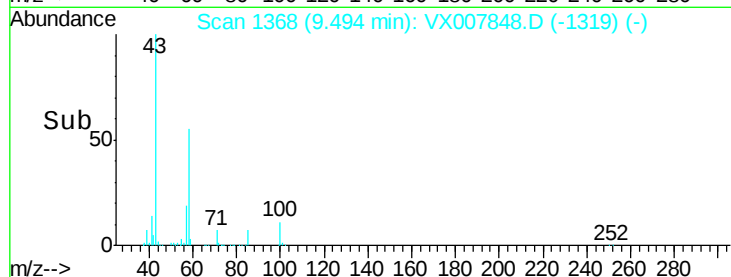
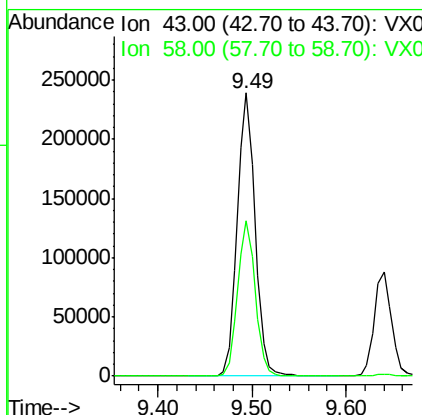
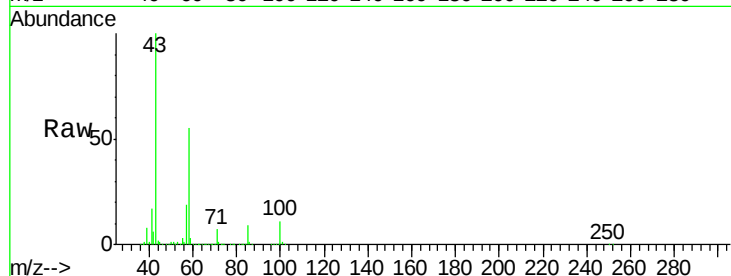
#59
2-Hexanone
Concen: 92.180 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. -0.00 min
Lab File: VX007848.D
Acq: 05 Mar 2019 20:08

Instrument :
MSVOA_X
ClientSampleId :
VX0305WBSD01

Tot Ion: 43 Resp: 314637
Ion Ratio Lower Upper
43 100
58 54.5 27.1 81.3

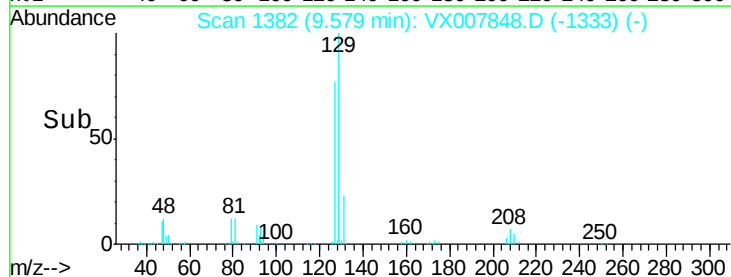
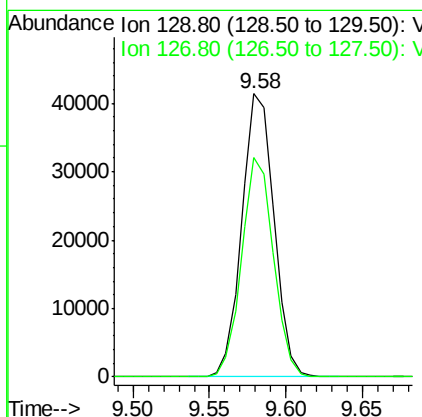
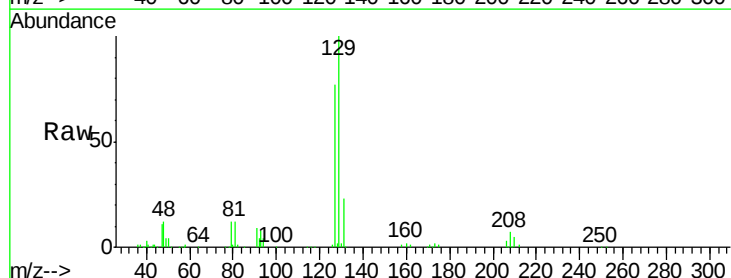
Manual Integrations
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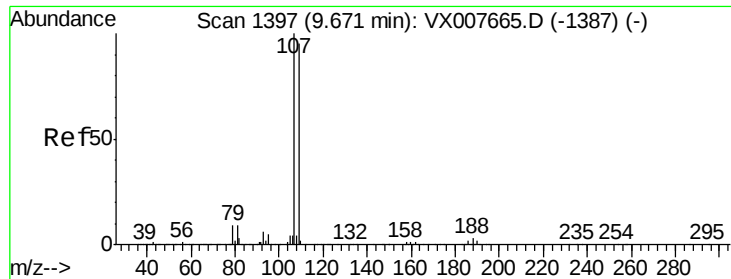
MMDadoda
3/6/2019 9:49:46 AM



#60
Dibromochloromethane
Concen: 20.425 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. -0.00 min
Lab File: VX007848.D
Acq: 05 Mar 2019 20:08

Tgt Ion: 129 Resp: 60607
Ion Ratio Lower Upper
129 100
127 76.6 37.8 113.4





#61

1,2-Dibromoethane

Concen: 17.562 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX007848.D

Acq: 05 Mar 2019 20:08

Instrument :

MSVOA_X

ClientSampleId :

VX0305WBSD01

Tot Ion:107 Resp: 56231

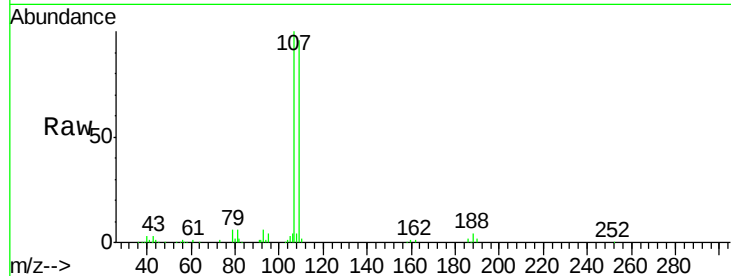
Ion Ratio Lower Upper

107 100

109 94.6 75.1 112.7

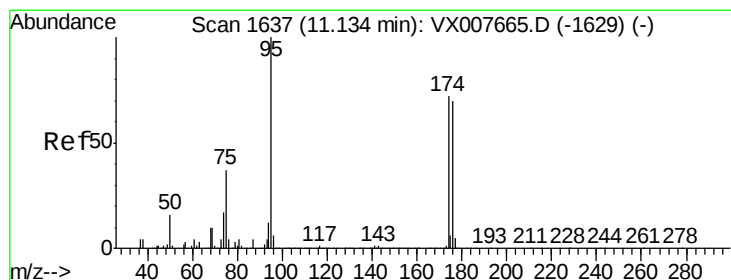
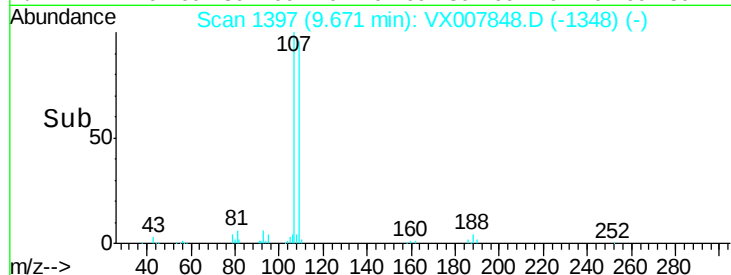
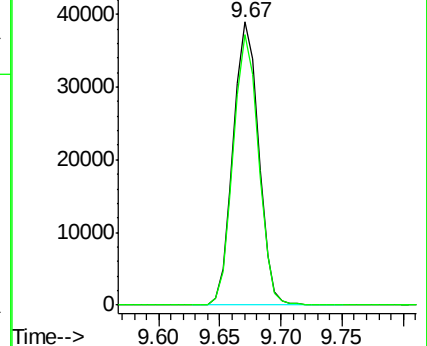
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Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 43.579 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX007848.D

Acq: 05 Mar 2019 20:08

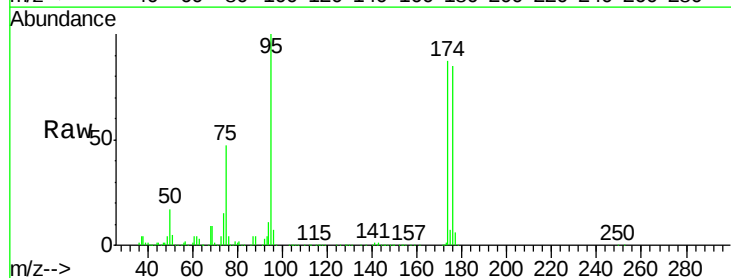
Tgt Ion: 95 Resp: 172976

Ion Ratio Lower Upper

95 100

174 92.1 0.0 189.2

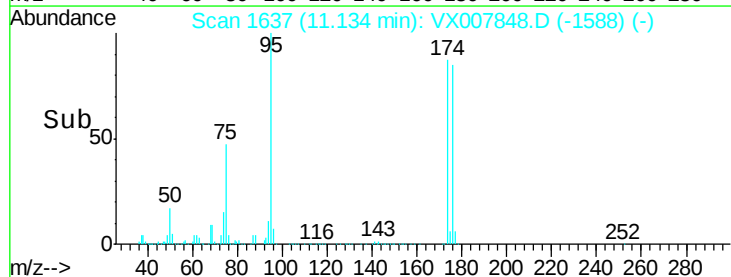
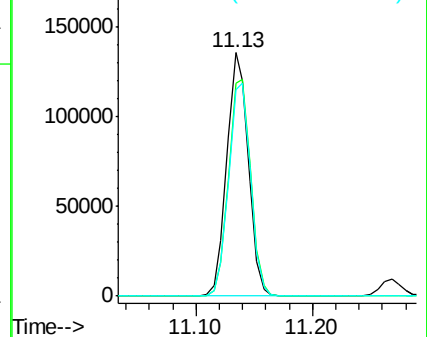
176 89.6 0.0 186.2

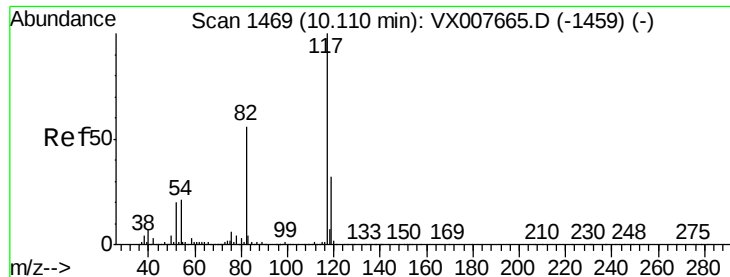


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





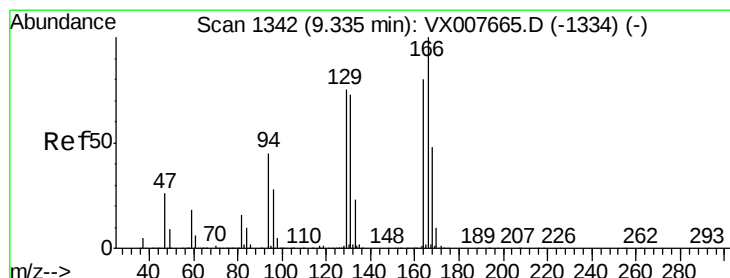
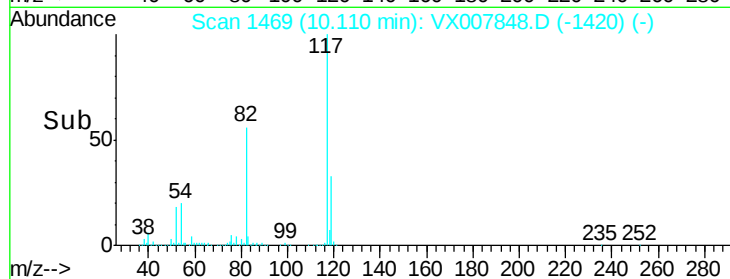
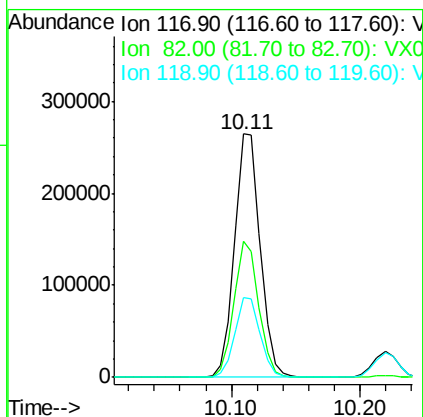
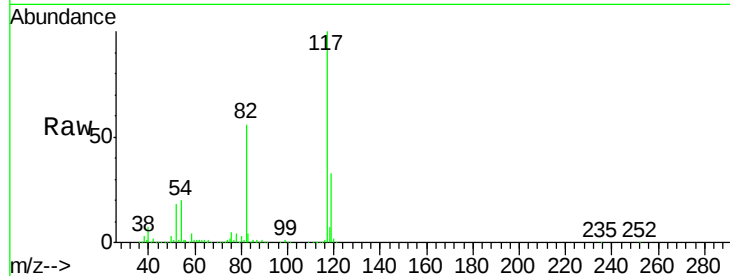
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX007848.D
Acq: 05 Mar 2019 20:08

Instrument :
MSVOA_X
ClientSampled :
VX0305WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
117	100	368198		
82	55.7	42.1	63.1	
119	32.8	26.5	39.7	

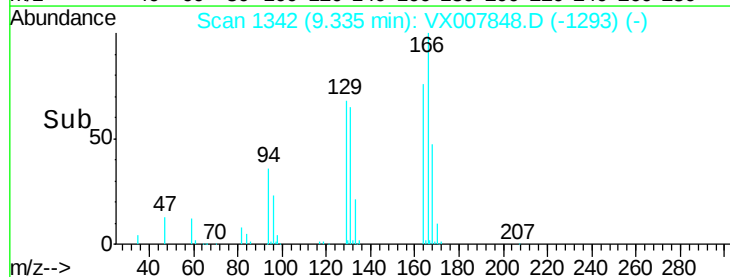
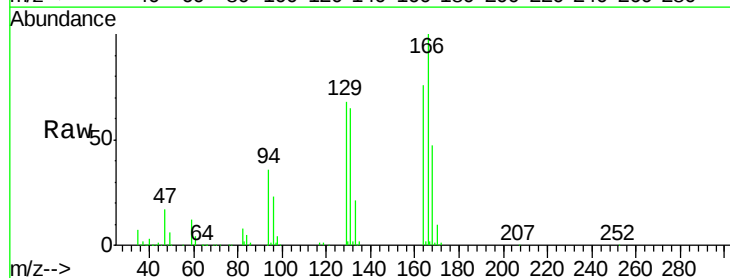
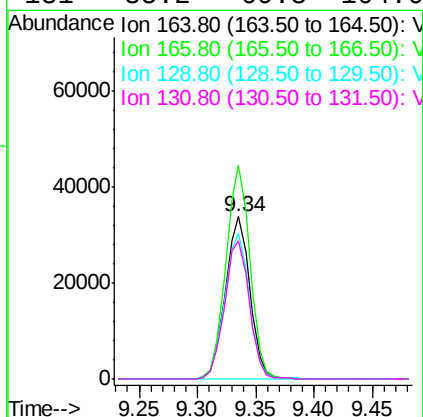
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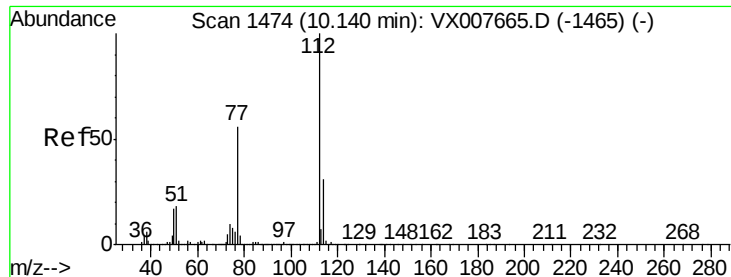
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3/6/2019 9:49:46 AM



#64
Tetrachloroethene
Concen: 16.456 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX007848.D
Acq: 05 Mar 2019 20:08

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	49189		
166	131.6	101.0	151.4	
129	89.6	70.5	105.7	
131	85.2	69.8	104.6	





#65

Chlorobenzene

Concen: 17.440 ug/l

RT: 10.14 min Scan# 1474

Delta R.T. -0.00 min

Lab File: VX007848.D

Acq: 05 Mar 2019 20:08

Instrument :

MSVOA_X

ClientSampleId :

VX0305WBSD01

Tot Ion:112 Resp: 138885

Ion Ratio Lower Upper

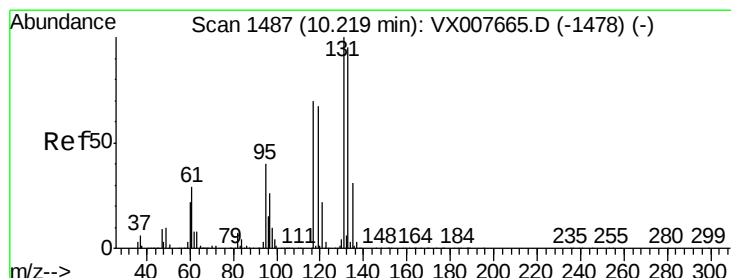
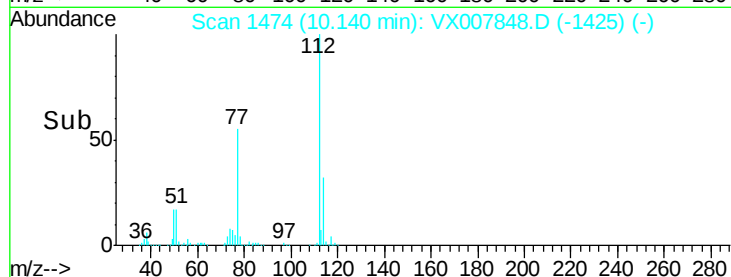
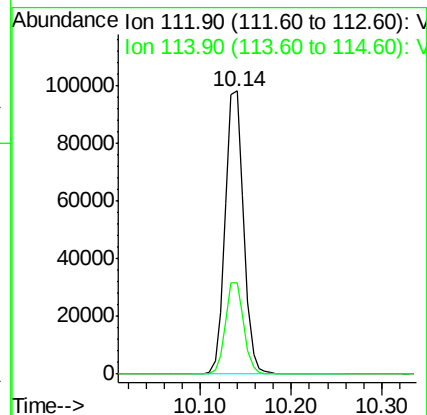
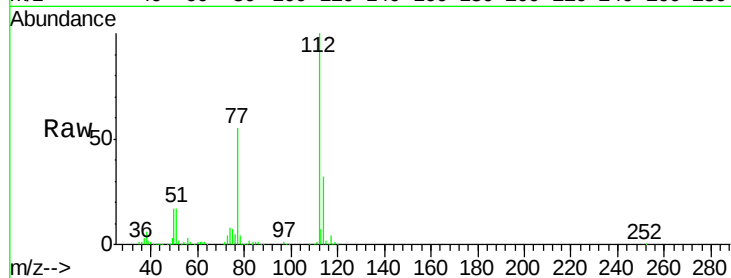
112 100

114 32.4 25.8 38.6

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#66

1,1,1,2-Tetrachloroethane

Concen: 19.601 ug/l

RT: 10.22 min Scan# 1487

Delta R.T. -0.00 min

Lab File: VX007848.D

Acq: 05 Mar 2019 20:08

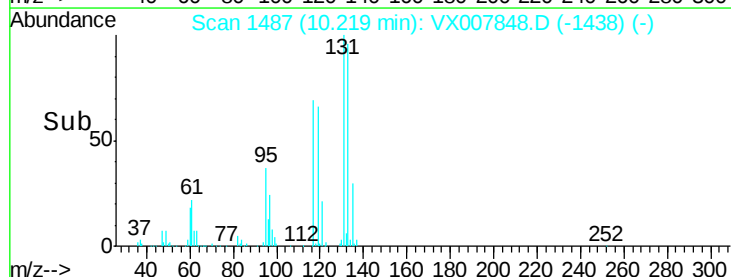
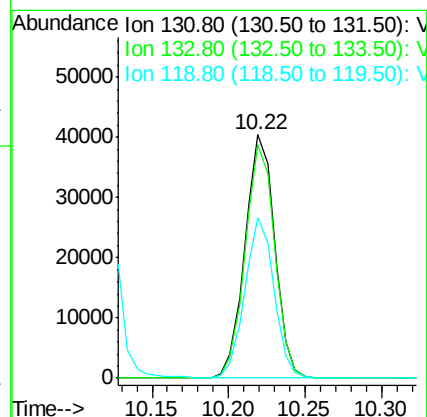
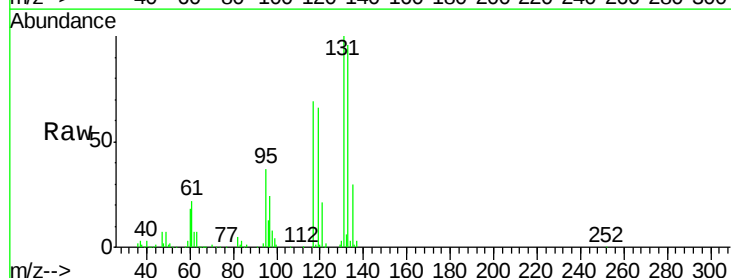
Tgt Ion:131 Resp: 54448

Ion Ratio Lower Upper

131 100

133 95.3 48.0 144.2

119 64.6 32.0 96.0





#67

Ethyl Benzene

Concen: 17.623 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. -0.00 min

Lab File: VX007848.D

Acq: 05 Mar 2019 20:08

Instrument :

MSVOA_X

ClientSampleId :

VX0305WBSD01

Tot Ion: 91 Resp: 232482

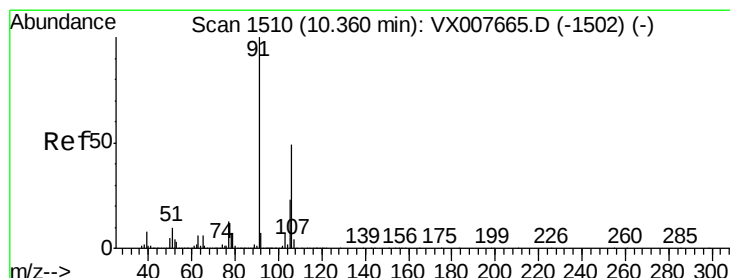
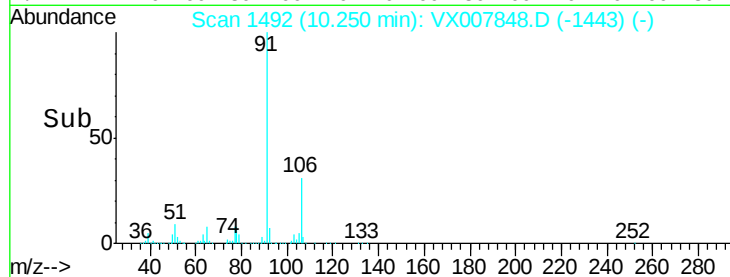
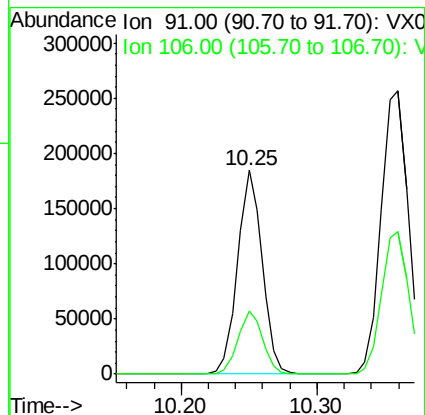
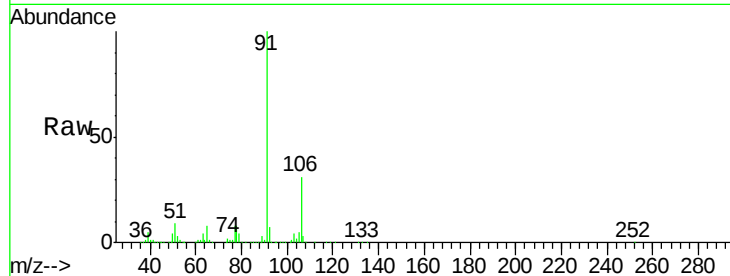
Ion Ratio Lower Upper

91 100

106 31.1 25.4 38.0

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#68

m/p-Xylenes

Concen: 35.092 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. -0.00 min

Lab File: VX007848.D

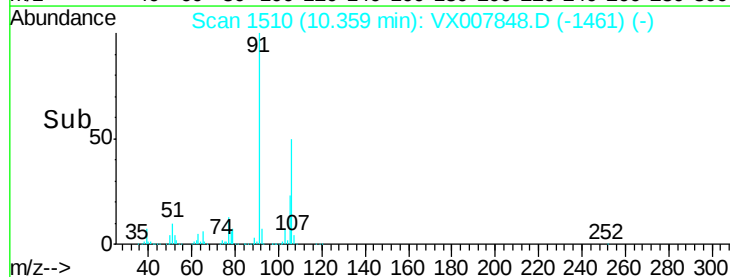
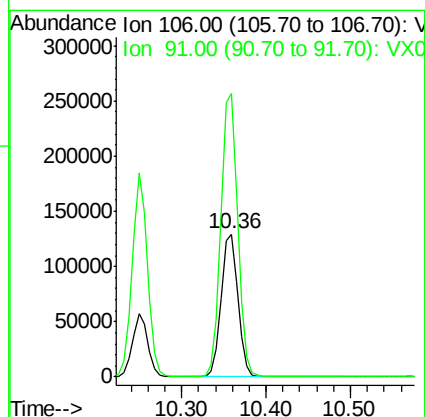
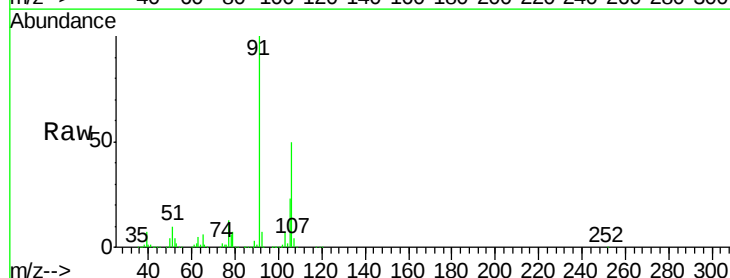
Acq: 05 Mar 2019 20:08

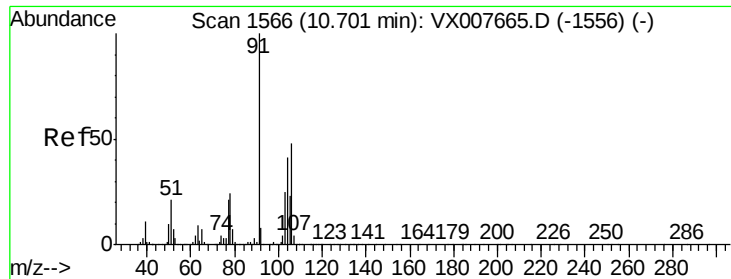
Tgt Ion: 106 Resp: 180090

Ion Ratio Lower Upper

106 100

91 199.1 156.6 234.8





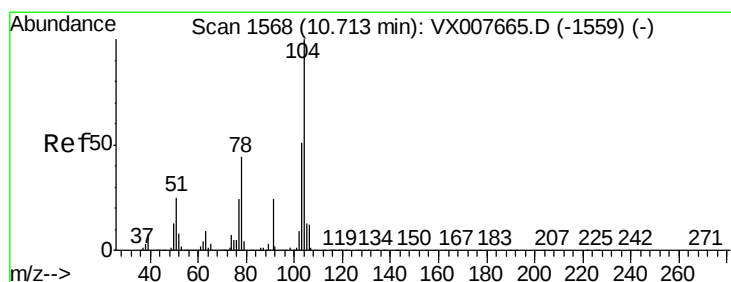
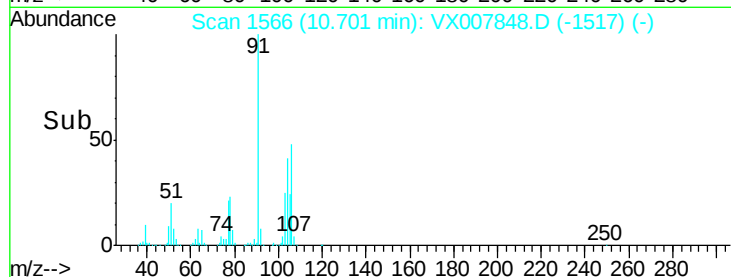
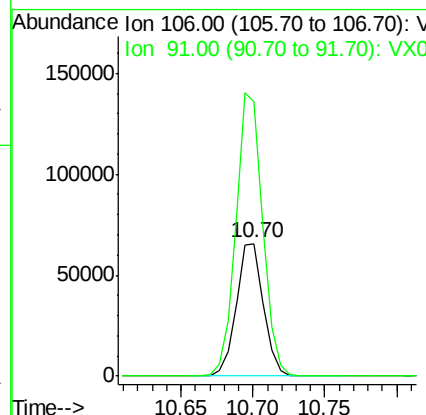
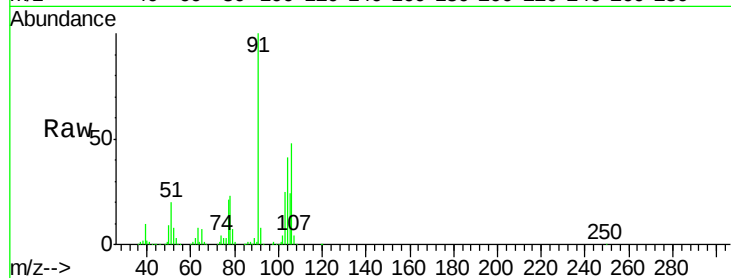
#69
o-Xylene
Concen: 17.541 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. -0.00 min
Lab File: VX007848.D
Acq: 05 Mar 2019 20:08

Instrument :
MSVOA_X
ClientSampleId :
VX0305WBSD01

Tot Ion	Ratio	Lower	Upper
106	100		
91	212.0	102.9	308.7

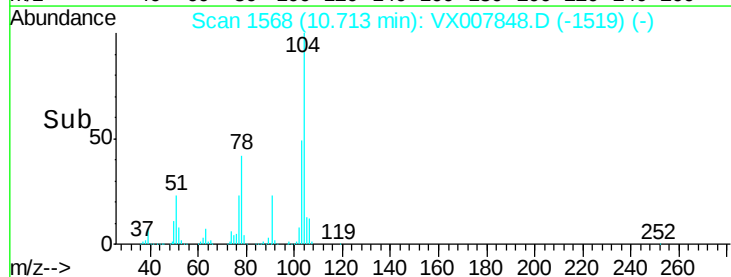
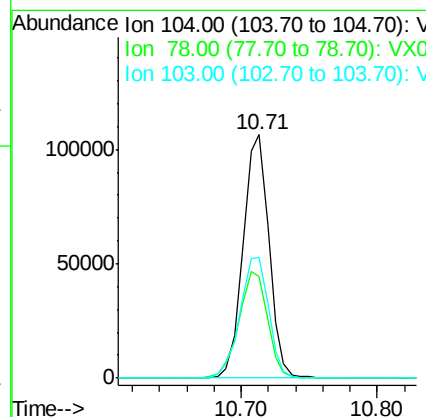
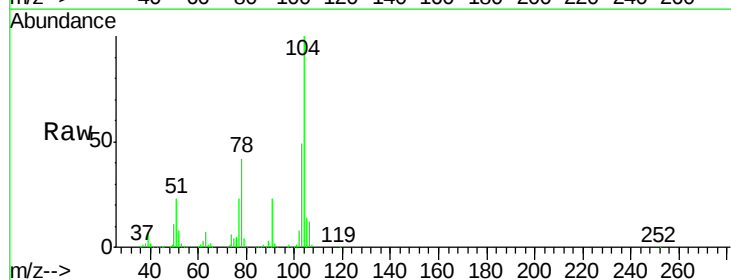
Manual Integrations
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#70
Styrene
Concen: 17.367 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX007848.D
Acq: 05 Mar 2019 20:08

Tgt Ion	Ratio	Lower	Upper
104	100		
78	48.6	38.3	57.5
103	55.4	44.6	67.0





#71

Bromoform

Concen: 23.643 ug/l

RT: 10.85 min Scan# 1591

Delta R.T. -0.01 min

Lab File: VX007848.D

Acq: 05 Mar 2019 20:08

Instrument :

MSVOA_X

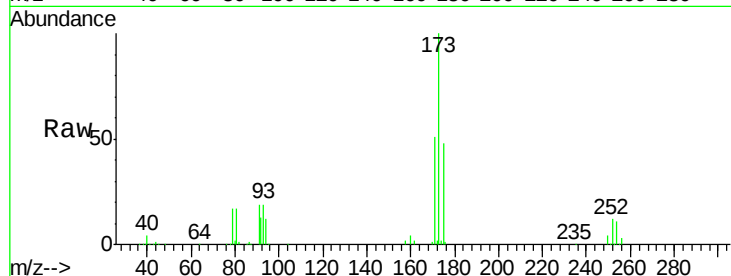
ClientSampleId :

VX0305WBSD01

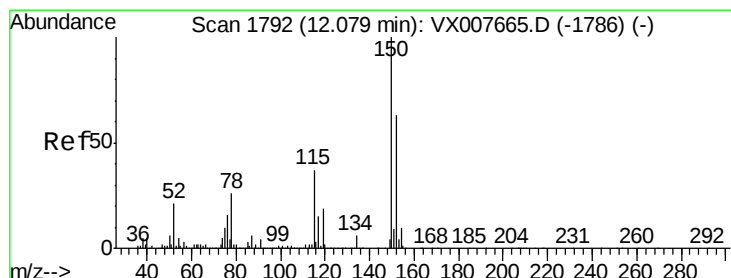
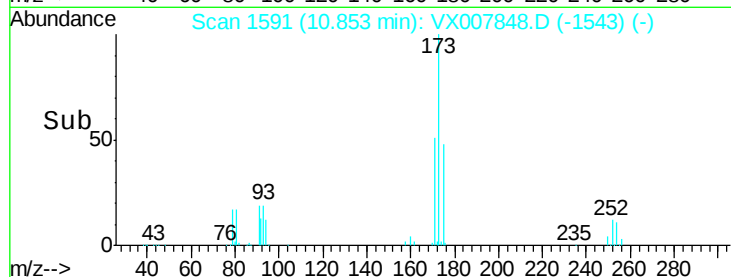
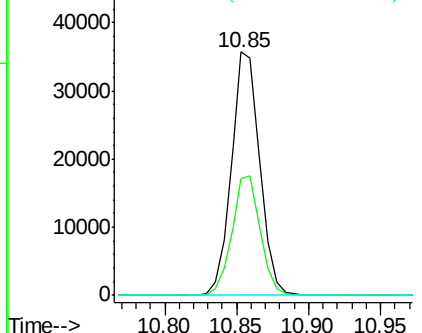
Tot Ion:	173	Resp:	49248
Ion Ratio	Lower	Upper	
173	100		
175	48.9	24.2	72.6
254	0.2	0.2	0.2

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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

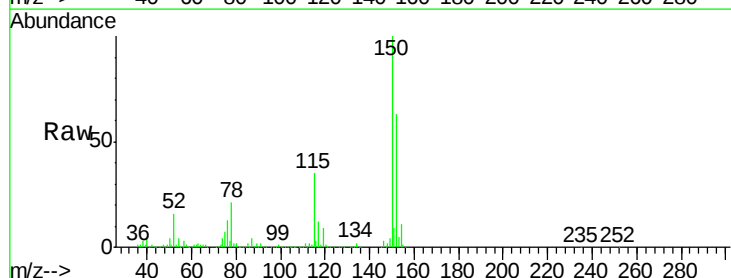
RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

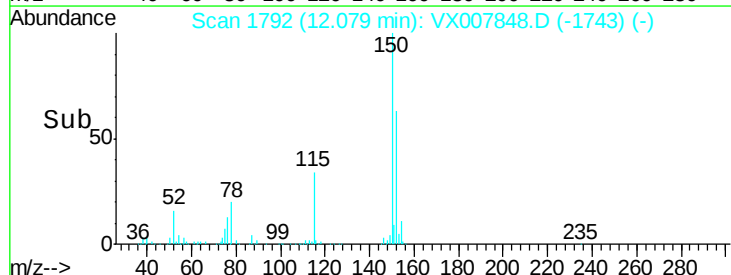
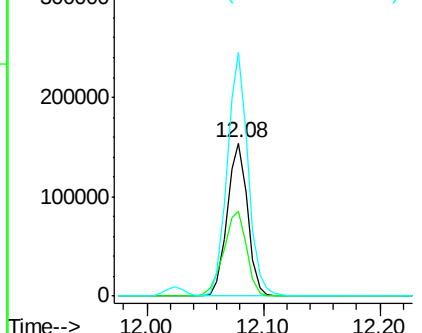
Lab File: VX007848.D

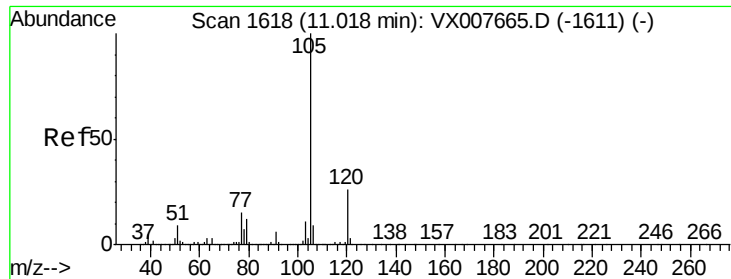
Acq: 05 Mar 2019 20:08

Tgt Ion:	152	Resp:	186408
Ion Ratio	Lower	Upper	
152	100		
115	62.6	38.0	114.0
150	162.4	0.0	346.4



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





#73

Isopropylbenzene

Concen: 17.527 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX007848.D

Acq: 05 Mar 2019 20:08

Instrument :

MSVOA_X

ClientSampleId :

VX0305WBSD01

Tot Ion: 105 Resp: 233515

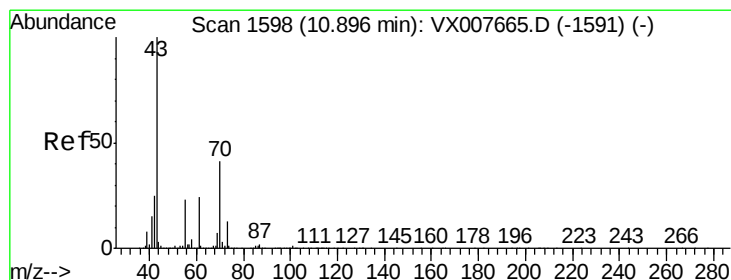
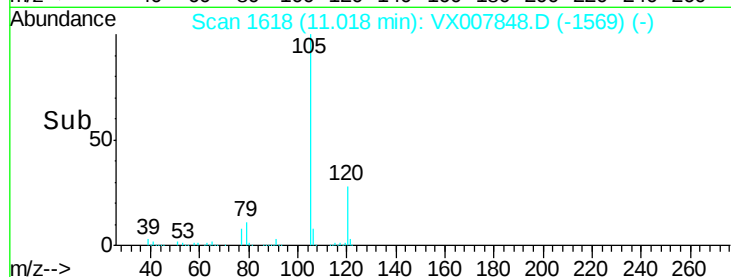
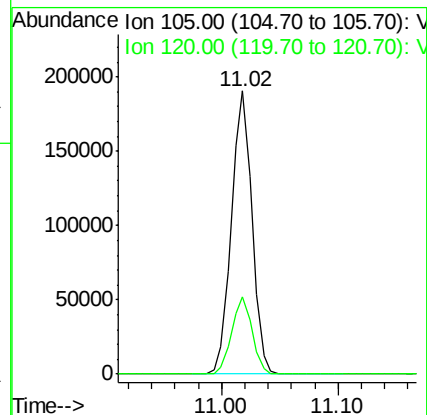
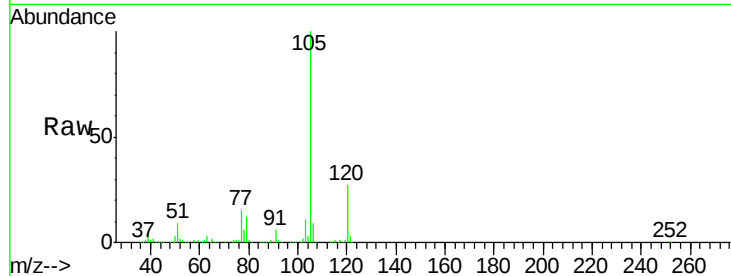
Ion Ratio Lower Upper

105 100

120 27.1 13.6 40.7

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#74

N-ethyl acetate

Concen: 18.602 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.00 min

Lab File: VX007848.D

Acq: 05 Mar 2019 20:08

Tgt Ion: 43 Resp: 107623

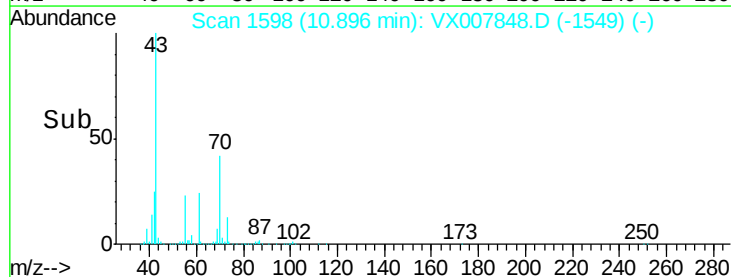
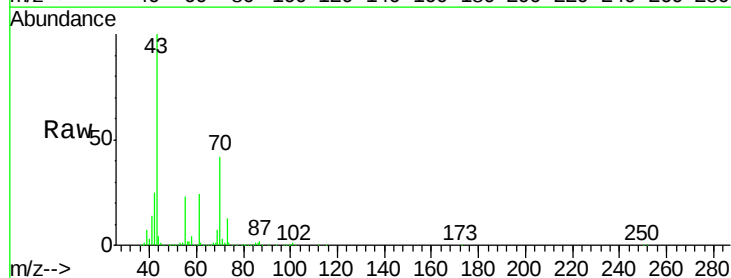
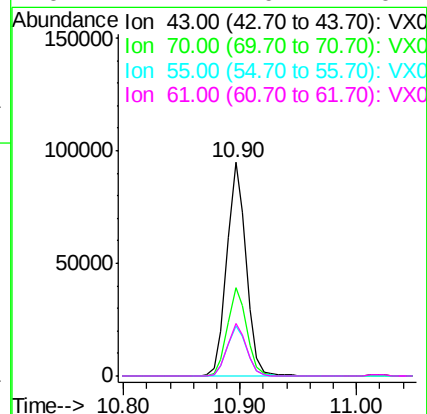
Ion Ratio Lower Upper

43 100

70 41.8 33.8 50.6

55 24.3 19.5 29.3

61 24.4 19.4 29.2





#75

1,1,2,2-Tetrachloroethane

Concen: 17.958 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX007848.D

Acq: 05 Mar 2019 20:08

Instrument :

MSVOA_X

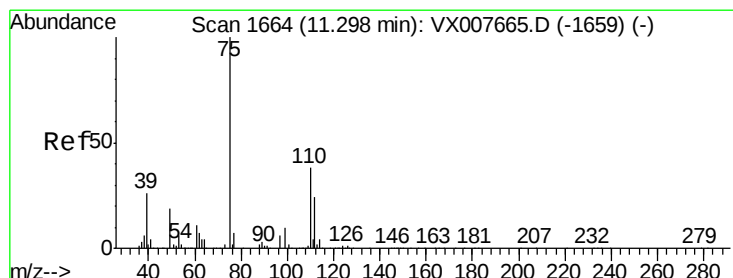
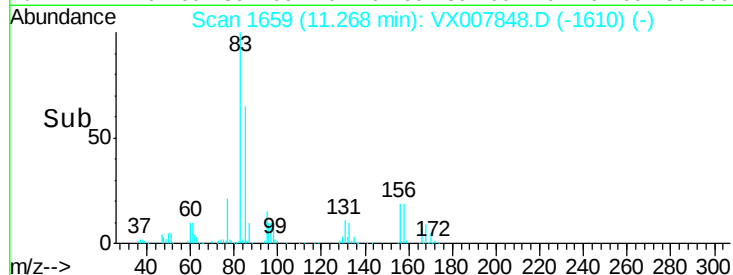
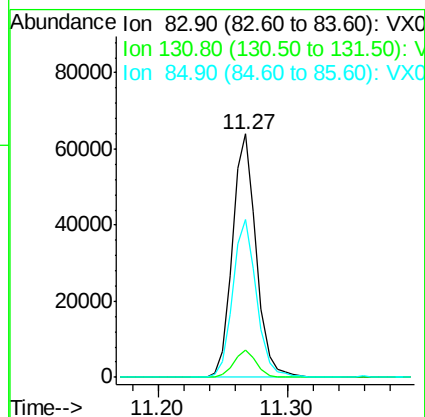
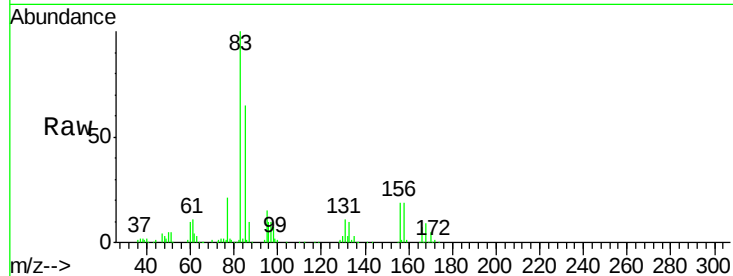
ClientSampleId :

VX0305WBSD01

Tot Ion:	83	Resp:	82750
Ion	Ratio	Lower	Upper
83	100		
131	10.8	5.7	17.0
85	65.0	32.8	98.3

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#76

1,2,3-Trichloropropane

Concen: 19.943 ug/l m

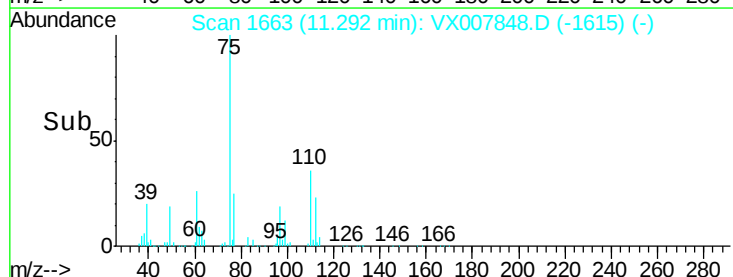
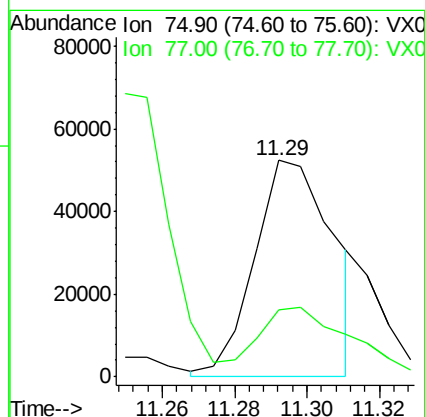
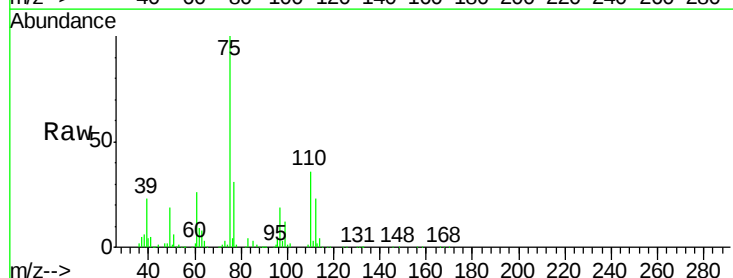
RT: 11.29 min Scan# 1663

Delta R.T. -0.01 min

Lab File: VX007848.D

Acq: 05 Mar 2019 20:08

Tgt Ion:	75	Resp:	79242
Ion	Ratio	Lower	Upper
75	100		
77	38.7	23.0	69.0





#77

Bromobenzene

Concen: 18.844 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX007848.D

Acq: 05 Mar 2019 20:08

Instrument :

MSVOA_X

ClientSampleId :

VX0305WBSD01

Tot Ion:156 Resp: 62970

Ion Ratio Lower Upper

156 100

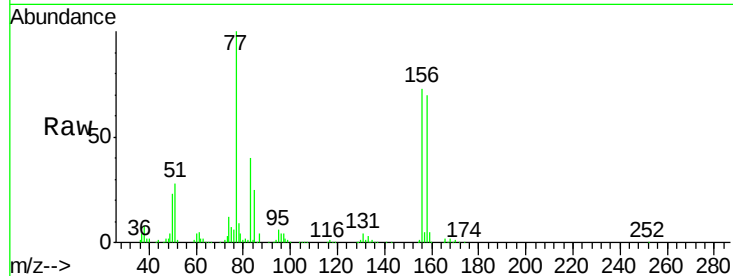
77 143.7 66.8 200.6

158 96.9 47.9 143.8

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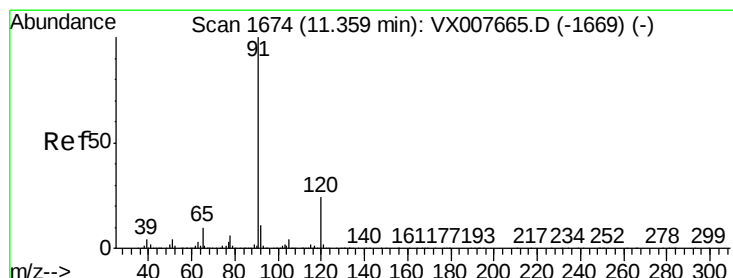
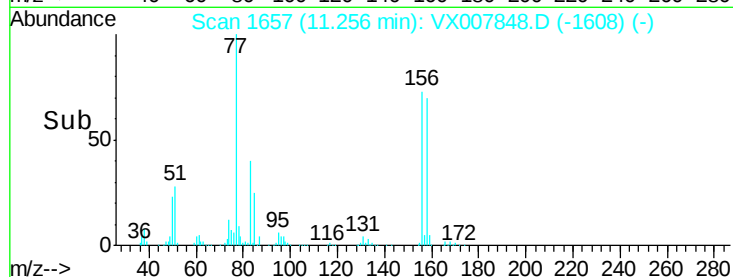
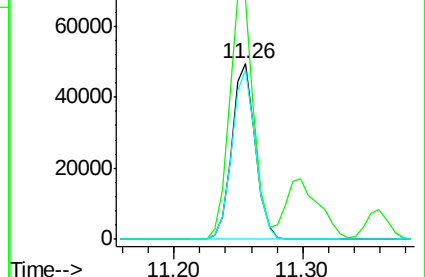
3/6/2019 9:49:46 AM



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 17.297 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX007848.D

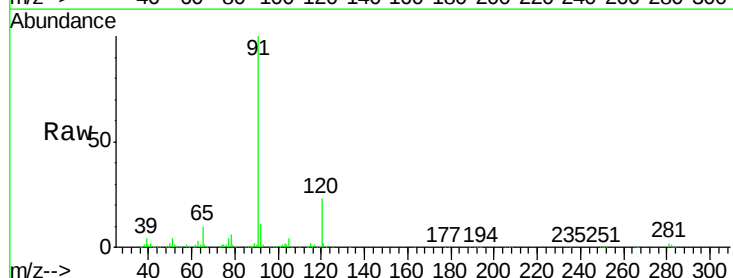
Acq: 05 Mar 2019 20:08

Tgt Ion: 91 Resp: 260404

Ion Ratio Lower Upper

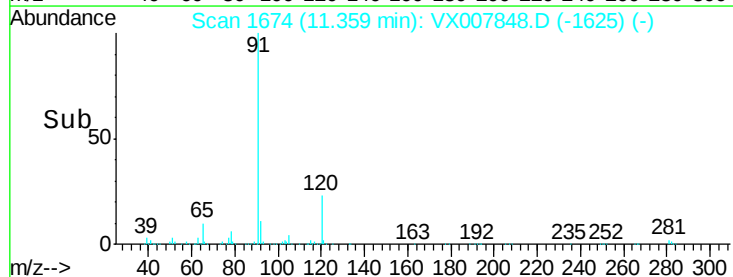
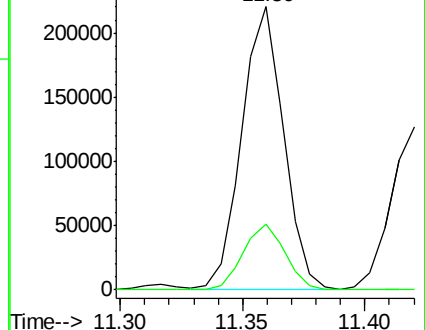
91 100

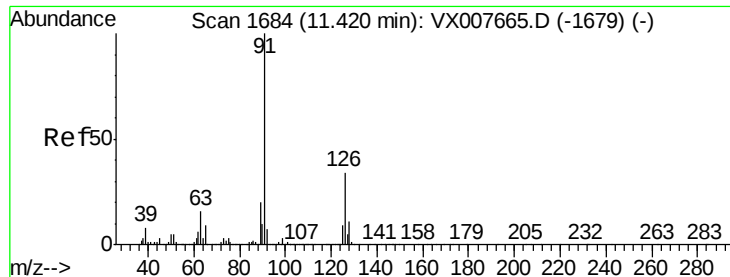
120 23.7 12.4 37.2



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





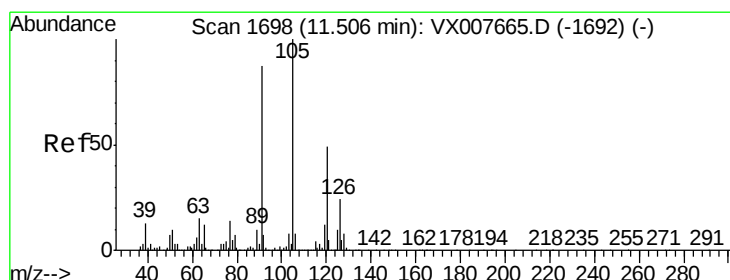
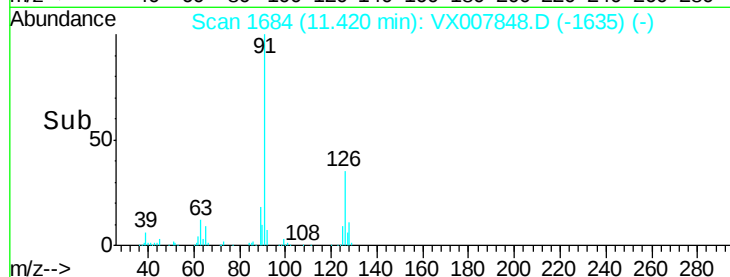
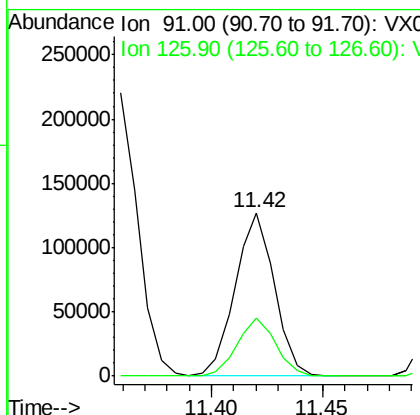
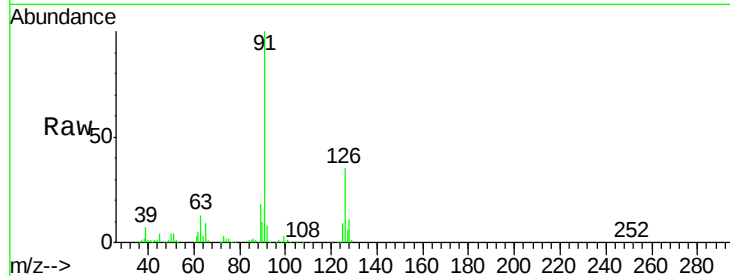
#79
 2-Chlorotoluene
 Concen: 17.092 ug/l
 RT: 11.42 min Scan# 1684
 Delta R.T. -0.00 min
 Lab File: VX007848.D
 Acq: 05 Mar 2019 20:08

Instrument :
 MSVOA_X
 ClientSampled :
 VX0305WBSD01

Tot Ion: 91 Resp: 154938
 Ion Ratio Lower Upper
 91 100
 126 35.5 18.7 56.1

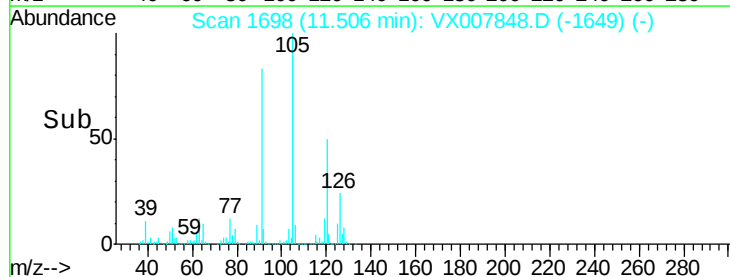
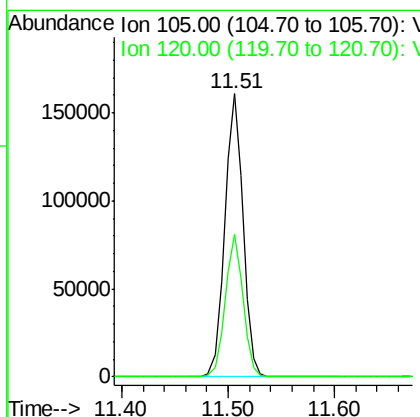
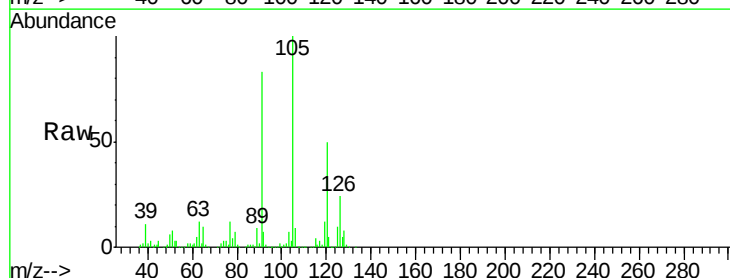
Manual Integrations
 APPROVED

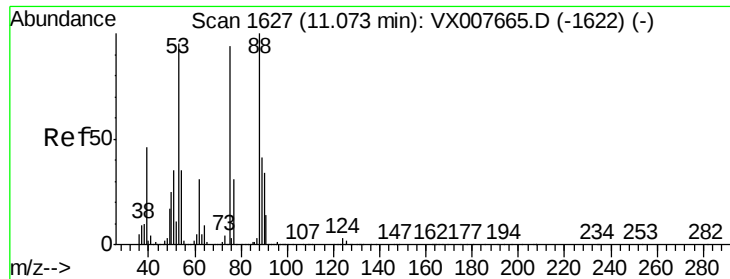
MMDadoda
 3/6/2019 9:49:46 AM



#80
 1,3,5-Trimethylbenzene
 Concen: 17.524 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. -0.00 min
 Lab File: VX007848.D
 Acq: 05 Mar 2019 20:08

Tgt Ion: 105 Resp: 192046
 Ion Ratio Lower Upper
 105 100
 120 49.3 25.3 75.8





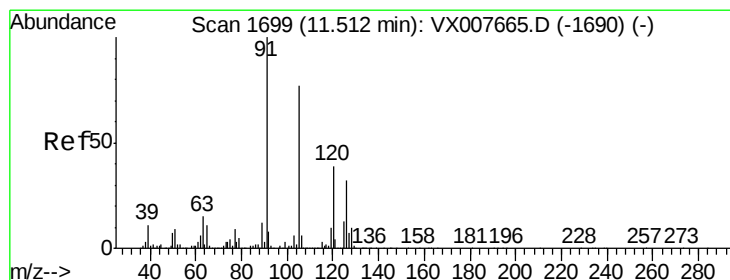
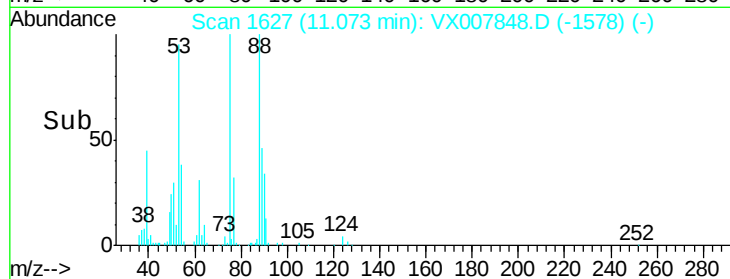
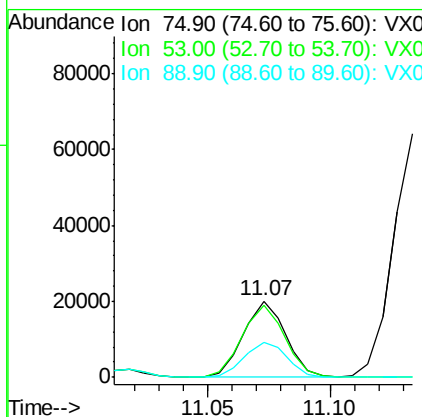
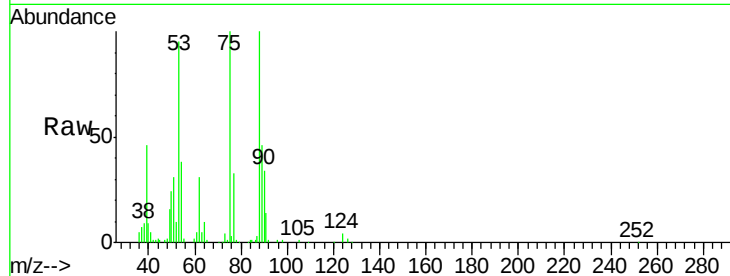
#81
trans-1,4-Dichloro-2-butene
Concen: 18.238 ug/l
RT: 11.07 min Scan# 1627
Delta R.T. 0.00 min
Lab File: VX007848.D
Acq: 05 Mar 2019 20:08

Instrument :
MSVOA_X
ClientSampleId :
VX0305WBSD01

Tot Ion	Ratio	Lower	Upper
75	100		
53	97.7	81.0	121.6
89	47.5	41.4	62.0

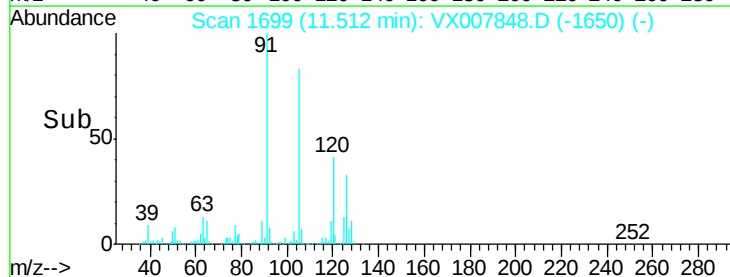
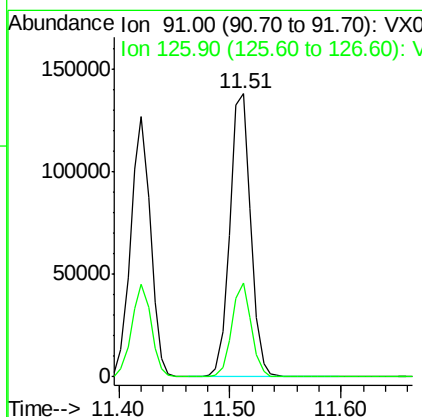
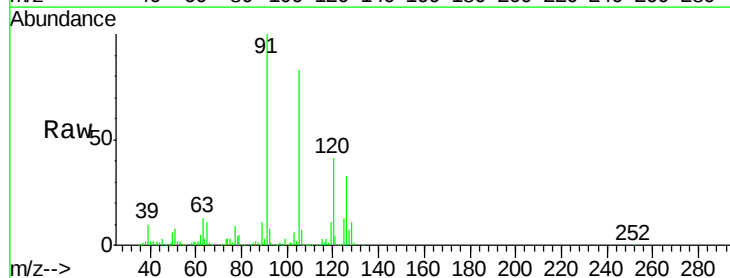
Manual Integrations
APPROVED

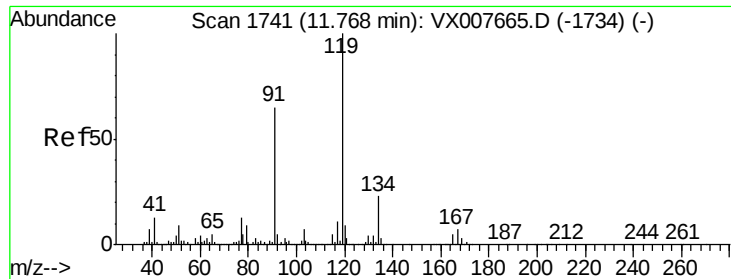
MMDadoda
3/6/2019 9:49:46 AM



#82
4-Chlorotoluene
Concen: 16.825 ug/l
RT: 11.51 min Scan# 1699
Delta R.T. -0.00 min
Lab File: VX007848.D
Acq: 05 Mar 2019 20:08

Tgt Ion	Ratio	Lower	Upper
91	100		
126	31.1	16.2	48.5





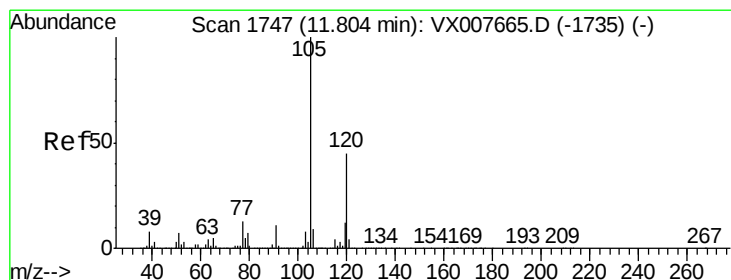
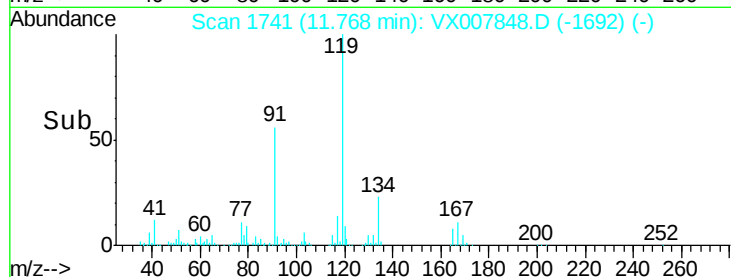
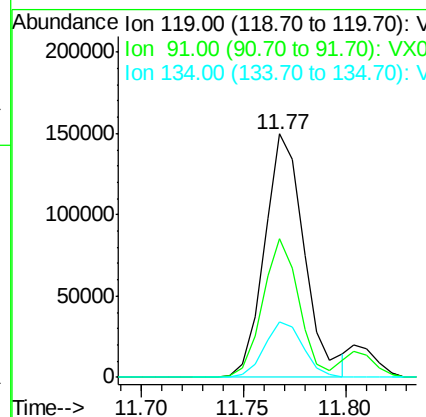
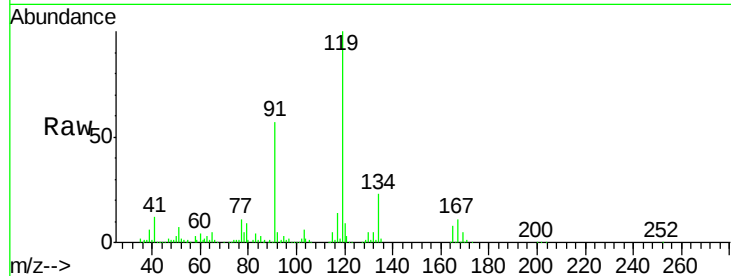
#83
 tert-Butylbenzene
 Concen: 19.341 ug/l
 RT: 11.77 min Scan# 1741
 Delta R.T. -0.00 min
 Lab File: VX007848.D
 Acq: 05 Mar 2019 20:08

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0305WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
119	100	203502		
91	52.0		28.5	85.6
134	22.0		12.0	36.0

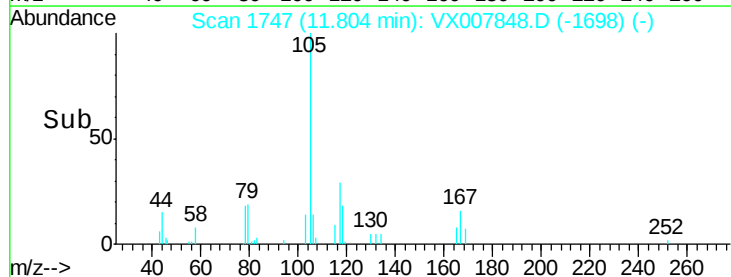
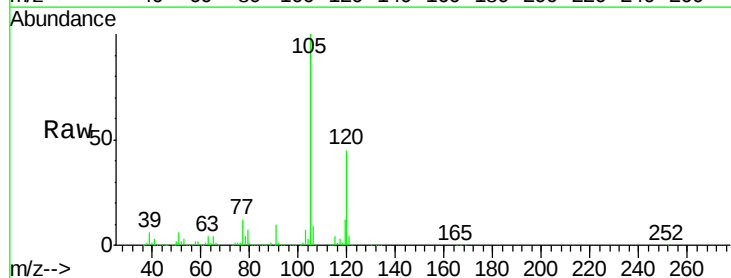
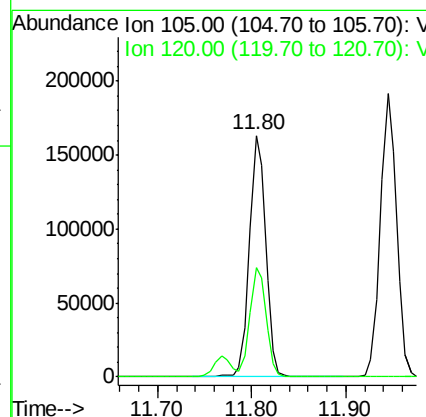
Manual Integrations
 APPROVED

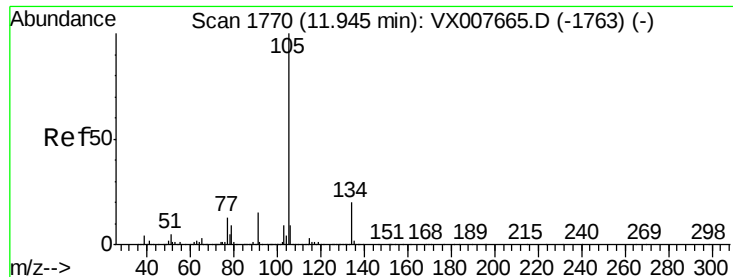
MMDadoda
 3/6/2019 9:49:46 AM



#84
 1,2,4-Trimethylbenzene
 Concen: 17.594 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. -0.00 min
 Lab File: VX007848.D
 Acq: 05 Mar 2019 20:08

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	197225		
120	44.9		23.1	69.3





#85

sec-Butylbenzene

Concen: 17.405 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX007848.D

Acq: 05 Mar 2019 20:08

Instrument :

MSVOA_X

ClientSampleId :

VX0305WBSD01

Tot Ion:105 Resp: 229492

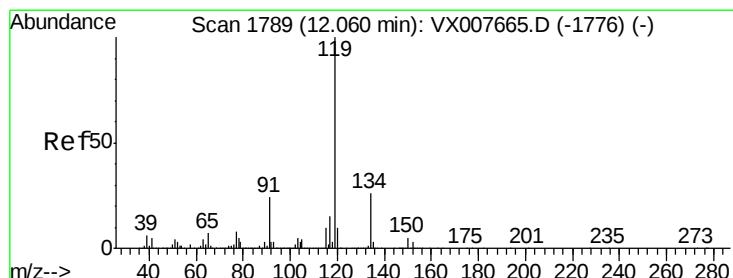
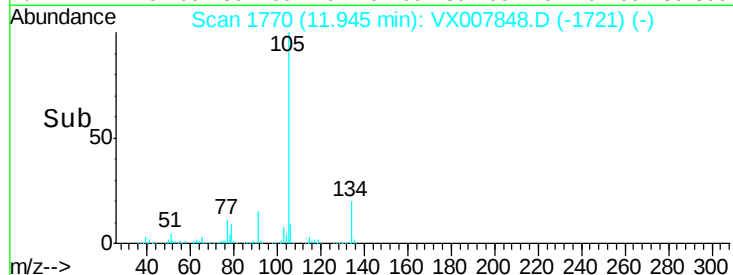
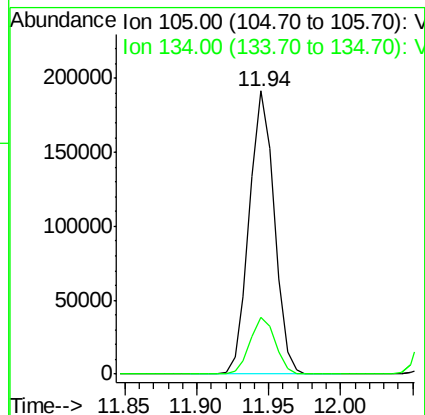
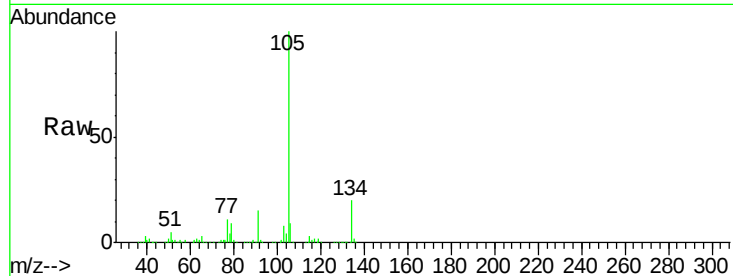
Ion Ratio Lower Upper

105 100

134 20.4 10.6 31.8

Manual Integrations
APPROVED

MMDadoda
3/6/2019 9:49:46 AM



#86

p-Isopropyltoluene

Concen: 17.856 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VX007848.D

Acq: 05 Mar 2019 20:08

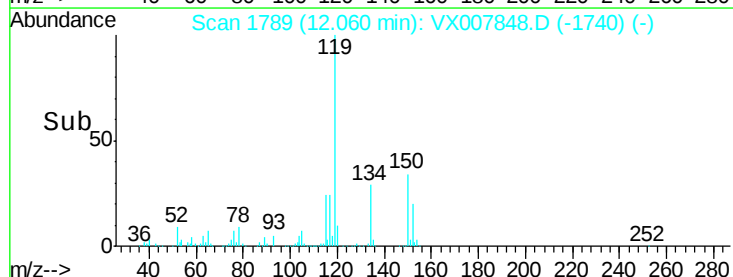
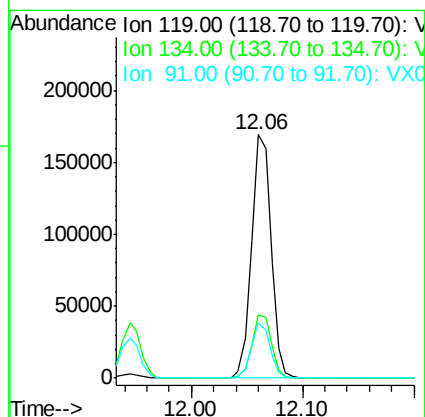
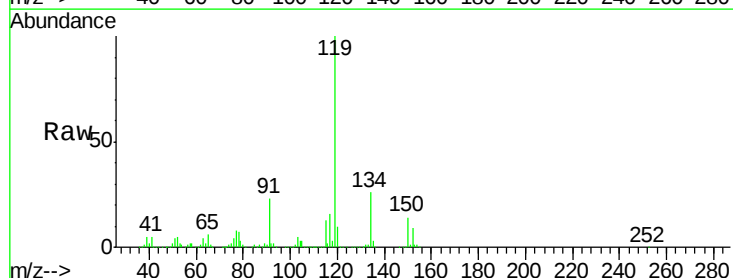
Tgt Ion:119 Resp: 206182

Ion Ratio Lower Upper

119 100

134 26.0 13.7 41.1

91 21.9 11.2 33.5





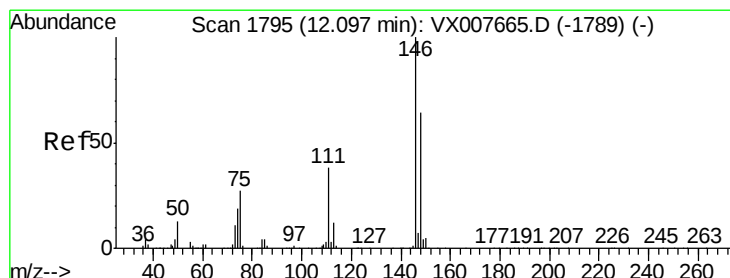
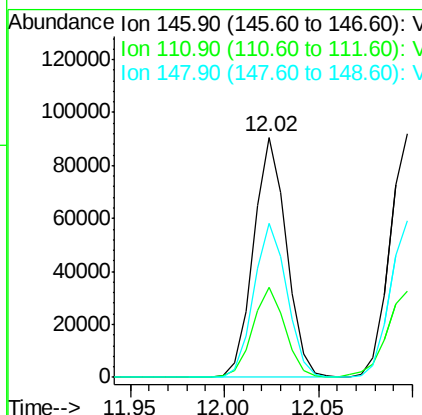
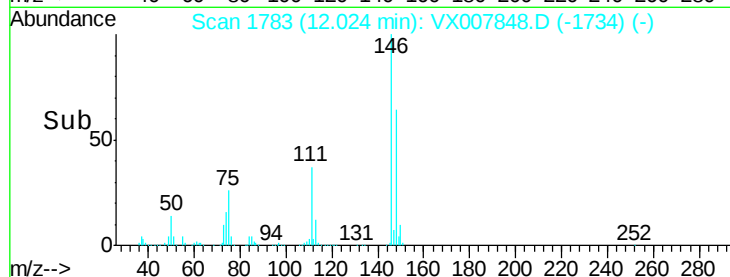
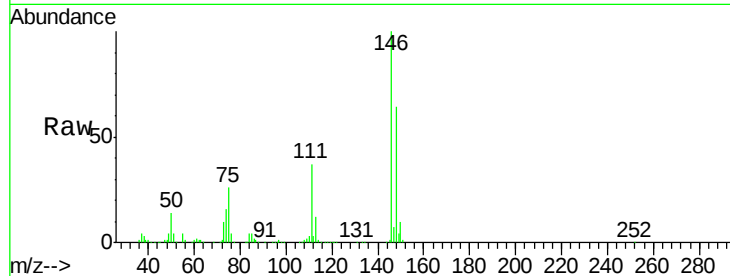
#87
 1,3-Dichlorobenzene
 Concen: 17.637 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: VX007848.D
 Acq: 05 Mar 2019 20:08

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0305WBSD01

Tot Ion	Ratio	Lower	Upper
146	100		
111	36.8	18.1	54.1
148	64.9	32.0	96.2

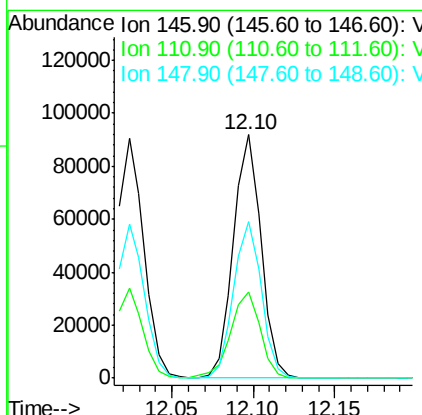
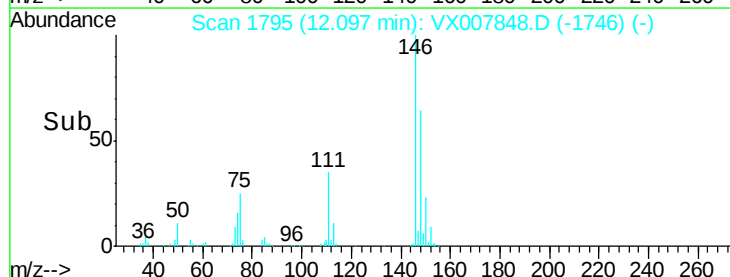
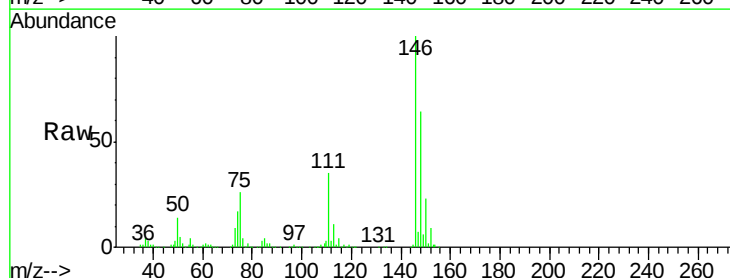
Manual Integrations
 APPROVED

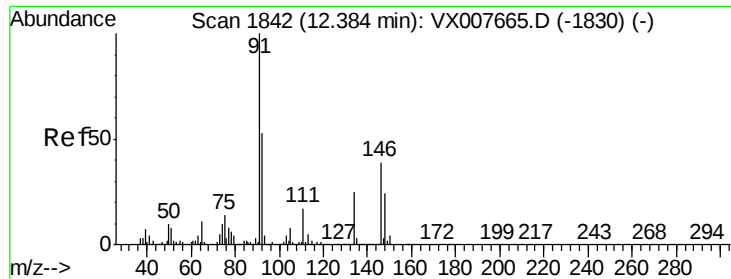
MMDadoda
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#88
 1,4-Dichlorobenzene
 Concen: 17.193 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX007848.D
 Acq: 05 Mar 2019 20:08

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.9	18.1	54.1
148	64.5	32.3	96.9





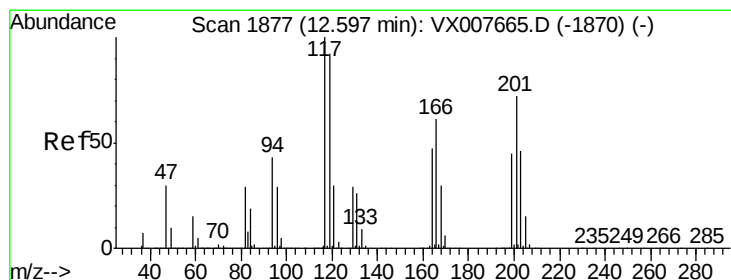
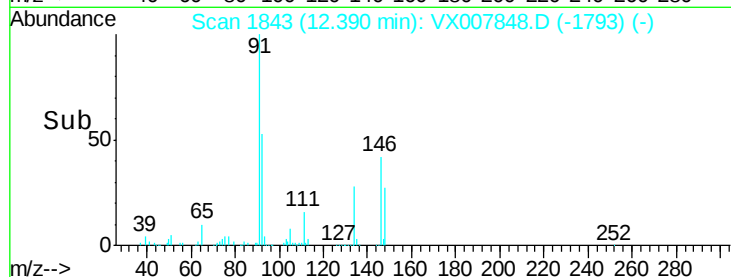
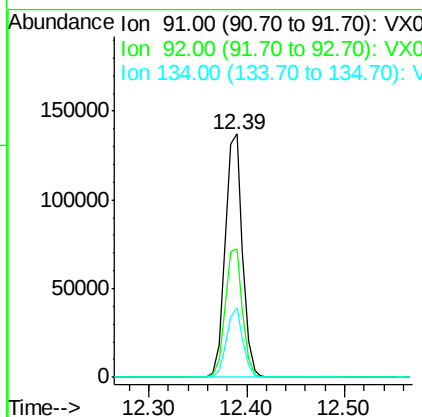
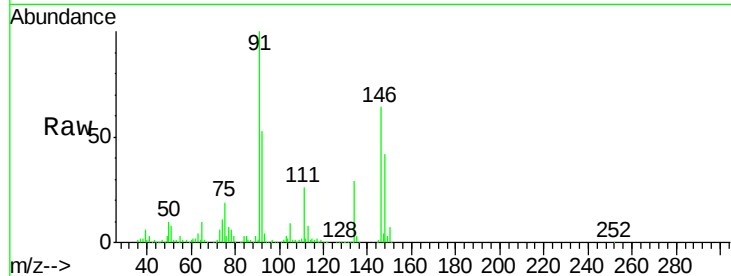
#89
n-Butylbenzene
Concen: 16.224 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. 0.01 min
Lab File: VX007848.D
Acq: 05 Mar 2019 20:08

Instrument :
MSVOA_X
ClientSampled :
VX0305WBSD01

Tot Ion	Ratio	Lower	Upper
91	100		
92	53.0	26.3	78.9
134	27.0	13.9	41.6

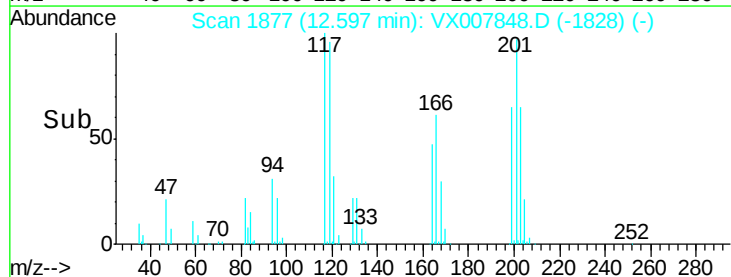
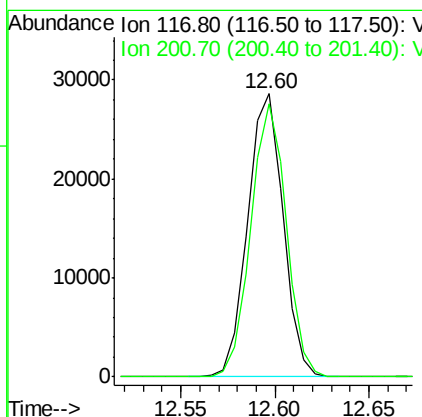
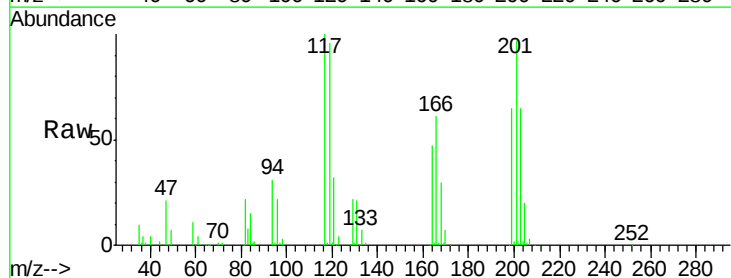
Manual Integrations
APPROVED

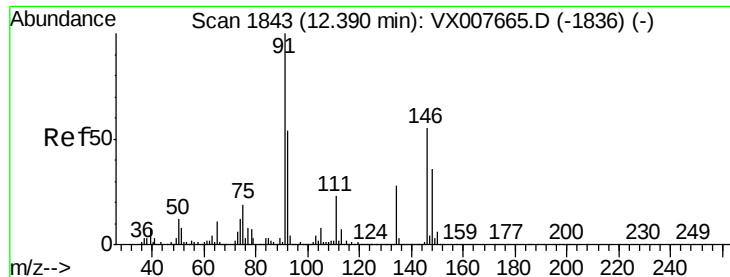
MMDadoda
3/6/2019 9:49:46 AM



#90
Hexachloroethane
Concen: 19.195 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. -0.00 min
Lab File: VX007848.D
Acq: 05 Mar 2019 20:08

Tgt Ion	Ratio	Lower	Upper
117	100		
201	96.1	44.9	134.7





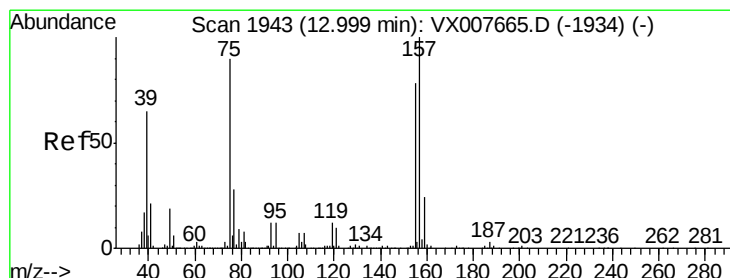
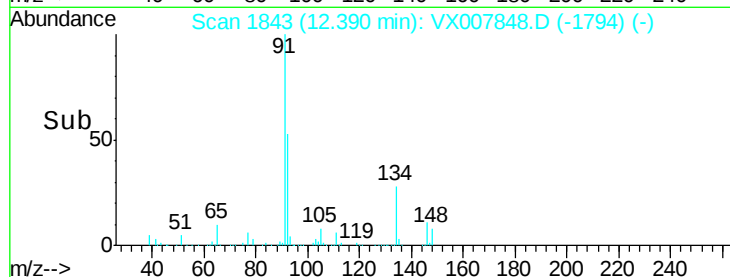
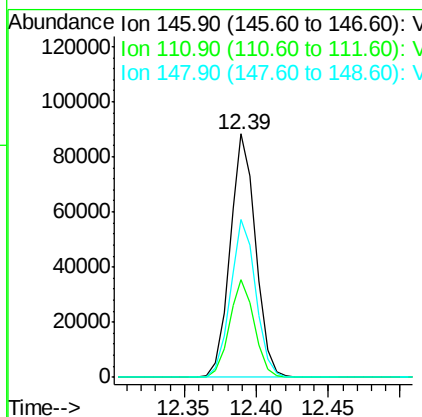
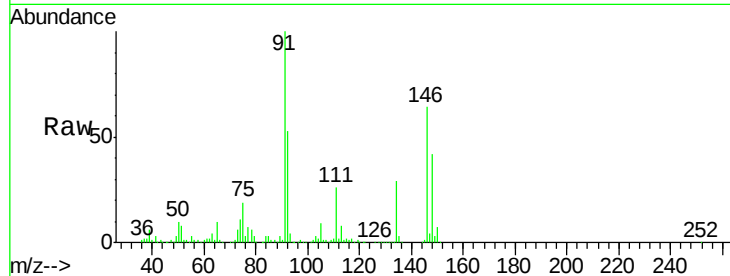
#91
 1,2-Dichlorobenzene
 Concen: 17.724 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. -0.00 min
 Lab File: VX007848.D
 Acq: 05 Mar 2019 20:08

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0305WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
146	100	109922		
111	39.2	19.1	57.3	
148	64.5	32.1	96.3	

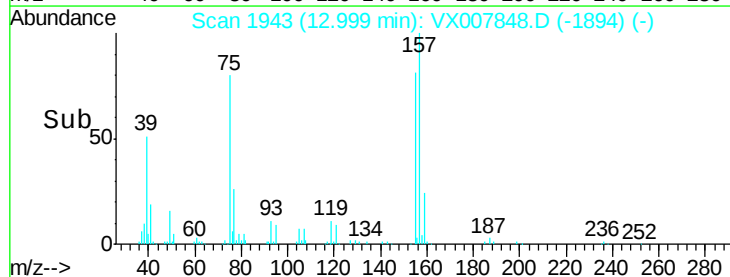
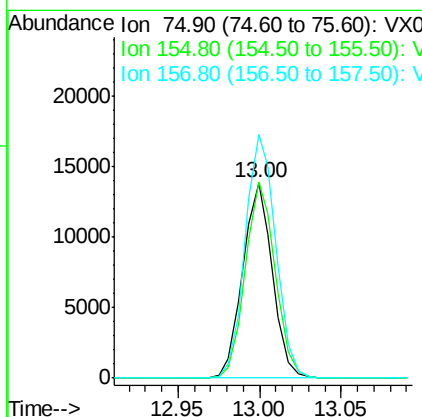
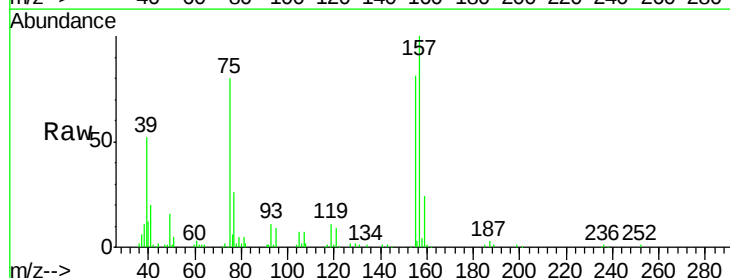
Manual Integrations
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 3/6/2019 9:49:46 AM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 17.412 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. -0.00 min
 Lab File: VX007848.D
 Acq: 05 Mar 2019 20:08

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	17482		
155	101.4	49.6	149.0	
157	128.3	65.1	195.3	





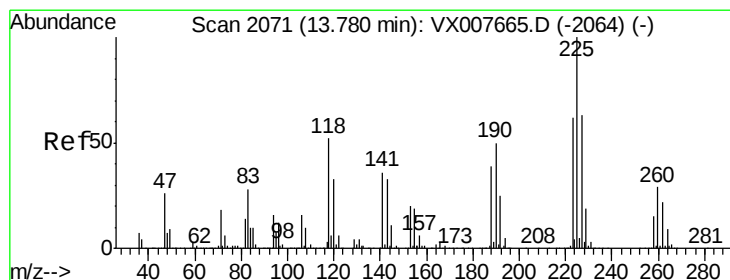
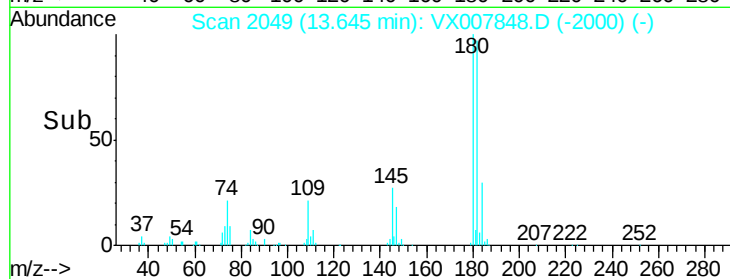
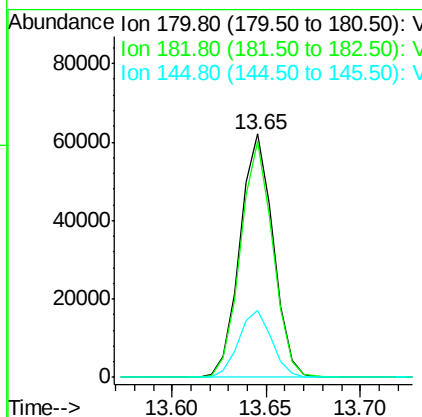
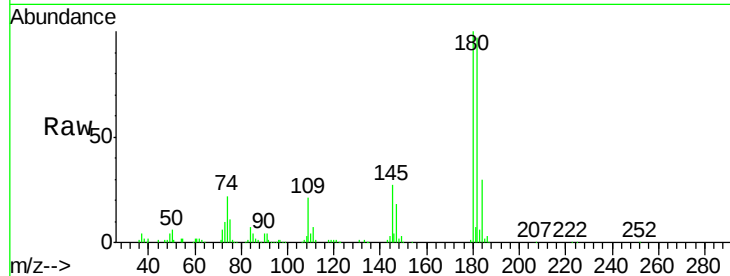
#93
 1,2,4-Trichlorobenzene
 Concen: 19.989 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX007848.D
 Acq: 05 Mar 2019 20:08

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0305WBSD01

Tot Ion	Ratio	Lower	Upper
180	100		
182	94.9	47.8	143.3
145	27.4	14.1	42.2

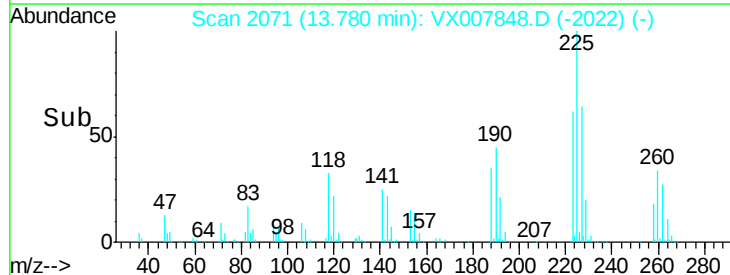
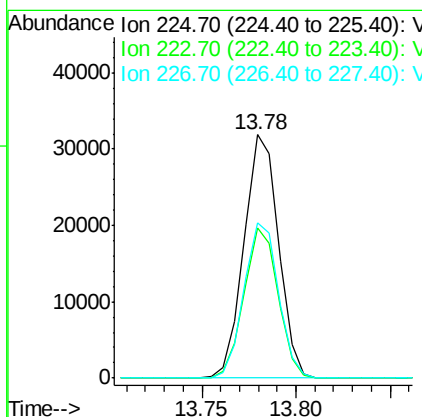
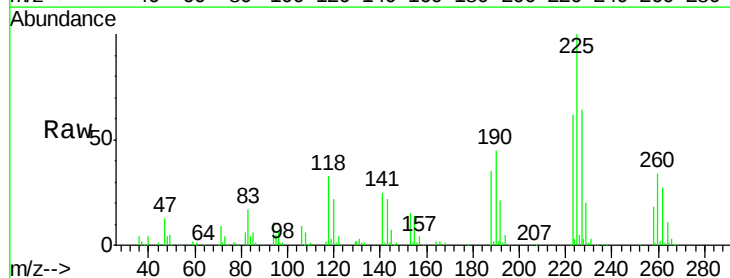
Manual Integrations
 APPROVED

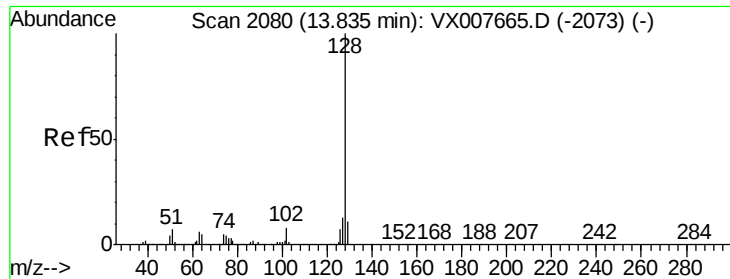
MMDadoda
 3/6/2019 9:49:46 AM



#94
 Hexachlorobutadiene
 Concen: 23.388 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. -0.00 min
 Lab File: VX007848.D
 Acq: 05 Mar 2019 20:08

Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.1	31.6	94.8
227	63.8	32.1	96.3





#95

Naphthalene

Concen: 18.579 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. -0.00 min

Lab File: VX007848.D

Acq: 05 Mar 2019 20:08

Instrument :

MSVOA_X

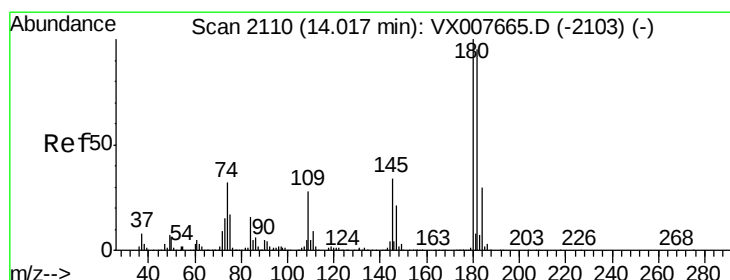
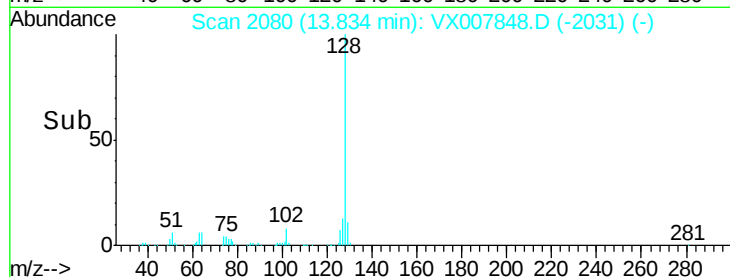
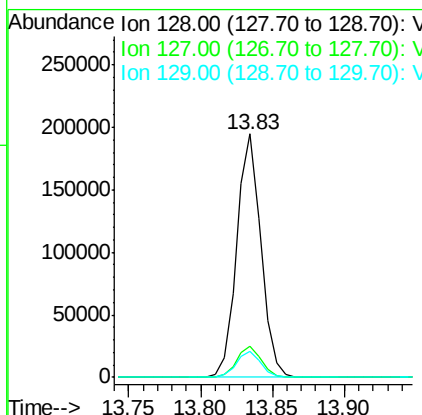
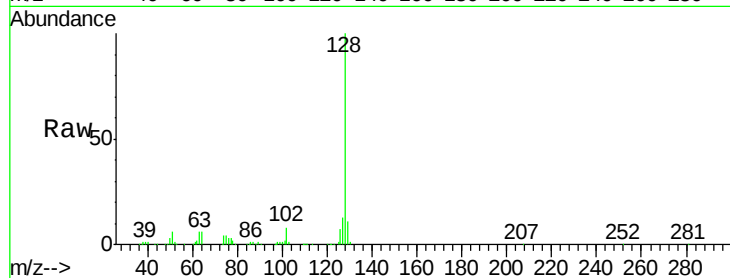
ClientSampleId :

VX0305WBSD01

Tot Ion:	128	Resp:	227880
Ion Ratio	Lower	Upper	
128	100		
127	12.8	10.5	15.7
129	10.7	8.7	13.1

Manual Integrations
APPROVED

MMDadoda
3/6/2019 9:49:46 AM



#96

1,2,3-Trichlorobenzene

Concen: 20.072 ug/l

RT: 14.02 min Scan# 2110

Delta R.T. -0.00 min

Lab File: VX007848.D

Acq: 05 Mar 2019 20:08

Tgt Ion:	180	Resp:	76299
Ion Ratio	Lower	Upper	
180	100		
182	96.3	47.5	142.6
145	29.2	14.9	44.5

