

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX030719\
 Data File : VX007900.D
 Acq On : 07 Mar 2019 23:24
 Operator : JC/SP
 Sample : VX0307WBS02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0307WBS02

Manual Integrations
 APPROVED

MMDadoda
 3/8/2019 9:39:52 AM

Quant Time: Mar 08 07:09:37 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X030619W.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 07 07:33:26 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	263980	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	389281	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	345172	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	169104	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	143052	51.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.74%	
35) Dibromofluoromethane	5.50	113	125155	50.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.52%	
50) Toluene-d8	8.71	98	465575	50.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.82%	
62) 4-Bromofluorobenzene	11.13	95	163245	50.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.82%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	43059	19.092	ug/l	99
3) Chloromethane	1.33	50	58255	20.043	ug/l	99
4) Vinyl Chloride	1.41	62	58715	20.331	ug/l	99
5) Bromomethane	1.64	94	31419	22.565	ug/l	100
6) Chloroethane	1.73	64	42425	22.114	ug/l	98
7) Trichlorofluoromethane	1.93	101	73578	19.569	ug/l	98
8) Diethyl Ether	2.20	74	33729	20.716	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.38	101	43470	18.657	ug/l	99
10) Methyl Iodide	2.51	142	68427	20.701	ug/l	100
11) Tert butyl alcohol	3.07	59	67926	109.072	ug/l	100
12) 1,1-Dichloroethene	2.38	96	44244	19.699	ug/l	98
13) Acrolein	2.30	56	29636	85.114	ug/l	100
14) Allyl chloride	2.73	41	91876	19.467	ug/l	99
15) Acrylonitrile	3.15	53	160385	102.032	ug/l	99
16) Acetone	2.45	43	133779	82.999	ug/l	100
17) Carbon Disulfide	2.57	76	138522	20.041	ug/l	100
18) Methyl Acetate	2.78	43	72943	21.302	ug/l	99
19) Methyl tert-butyl Ether	3.20	73	161543	20.907	ug/l	99
20) Methylene Chloride	2.86	84	51988	20.266	ug/l	97
21) trans-1,2-Dichloroethene	3.17	96	48379	19.576	ug/l	98
22) Diisopropyl ether	3.87	45	179561	20.755	ug/l	99
23) Vinyl Acetate	3.82	43	774171	102.045	ug/l	100
24) 1,1-Dichloroethane	3.70	63	94171	20.227	ug/l	98
25) 2-Butanone	4.70	43	220592	96.669	ug/l	99
26) 2,2-Dichloropropane	4.59	77	48939	15.866	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	56793	20.083	ug/l	97
28) Bromochloromethane	5.02	49	49771	22.931	ug/l	97
29) Tetrahydrofuran	5.15	42	148397	104.256	ug/l	100
30) Chloroform	5.21	83	91598	20.799	ug/l	97
31) Cyclohexane	5.57	56	83284	19.464	ug/l	98
32) 1,1,1-Trichloroethane	5.49	97	73066	19.996	ug/l	99
36) 1,1-Dichloropropene	5.80	75	67976	19.285	ug/l	99
37) Ethyl Acetate	4.85	43	83002	19.843	ug/l	99
38) Carbon Tetrachloride	5.79	117	64279	19.208	ug/l	99

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MMDadoda
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 Quant Title : SW846 8260
 QLast Update : Thu Mar 07 07:33:26 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	78369	18.348	ug/l	95
40) Benzene	6.15	78	211549	20.160	ug/l	100
41) Methacrylonitrile	5.06	41	46533	20.404	ug/l	100
42) 1,2-Dichloroethane	6.20	62	69576	20.274	ug/l	99
43) Isopropyl Acetate	6.46	43	124702	20.144	ug/l	100
44) Trichloroethene	7.21	130	56376	19.495	ug/l	100
45) 1,2-Dichloropropane	7.51	63	56502	20.386	ug/l	98
46) Dibromomethane	7.66	93	35272	20.109	ug/l	100
47) Bromodichloromethane	7.90	83	66451	19.982	ug/l	99
48) Methyl methacrylate	7.77	41	66560	20.450	ug/l	100
49) 1,4-Dioxane	7.75	88	26966	403.321	ug/l	98
51) 4-Methyl-2-Pentanone	8.65	43	422554	106.138	ug/l	100
52) Toluene	8.79	92	129071	20.146	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	65966	19.005	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	75275	19.205	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	54829	21.141	ug/l	97
56) Ethyl methacrylate	9.18	69	80644	20.710	ug/l	99
57) 1,3-Dichloropropane	9.37	76	90257	20.727	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	211801	105.150	ug/l	100
59) 2-Hexanone	9.49	43	314620	101.789	ug/l	99
60) Dibromochloromethane	9.58	129	55402	20.437	ug/l	99
61) 1,2-Dibromoethane	9.67	107	56326	20.456	ug/l	99
64) Tetrachloroethene	9.33	164	55417	19.374	ug/l	99
65) Chlorobenzene	10.14	112	140570	19.461	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	52272	20.192	ug/l	99
67) Ethyl Benzene	10.25	91	236584	19.898	ug/l	98
68) m/p-Xylenes	10.36	106	180418	39.367	ug/l	100
69) o-Xylene	10.70	106	87639	19.807	ug/l	99
70) Styrene	10.71	104	146682	20.259	ug/l	100
71) Bromoform	10.86	173	43039	19.360	ug/l #	99
73) Isopropylbenzene	11.02	105	236605	20.688	ug/l	100
74) N-amyl acetate	10.90	43	106787	20.453	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	80701	20.457	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	75593m	21.303	ug/l	
77) Bromobenzene	11.26	156	63362	20.208	ug/l	99
78) n-propylbenzene	11.36	91	257721	20.313	ug/l	100
79) 2-Chlorotoluene	11.42	91	157842	20.347	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	195017	20.718	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	19361	17.440	ug/l	88
82) 4-Chlorotoluene	11.51	91	178580	20.087	ug/l	99
83) tert-Butylbenzene	11.77	119	189897	20.028	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	199638	20.689	ug/l	100
85) sec-Butylbenzene	11.94	105	229495	20.551	ug/l	99
86) p-Isopropyltoluene	12.06	119	203609	20.359	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	108850	19.622	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	109419	19.261	ug/l	99
89) n-Butylbenzene	12.39	91	165689	19.555	ug/l	99
90) Hexachloroethane	12.60	117	32822	19.629	ug/l	100
91) 1,2-Dichlorobenzene	12.39	146	109697	19.906	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	16284	19.751	ug/l	99

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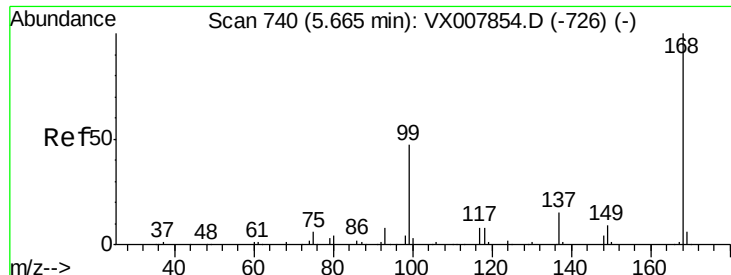
Manual Integrations
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Quant Title : SW846 8260
QLast Update : Thu Mar 07 07:33:26 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	74177	19.161	ug/l	99
94) Hexachlorobutadiene	13.78	225	40704	20.111	ug/l	99
95) Naphthalene	13.83	128	222337	19.932	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	74810	19.399	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 740

Delta R.T. -0.00 min

Lab File: VX007900.D

Acq: 07 Mar 2019 23:24

Instrument :

MSVOA_X

ClientSampleId :

VX0307WBS02

Tot Ion:168 Resp: 263980

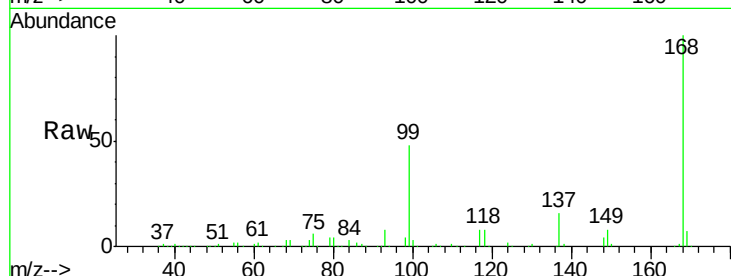
Ion Ratio Lower Upper

168 100

99 47.6 37.6 56.4

Manual Integrations
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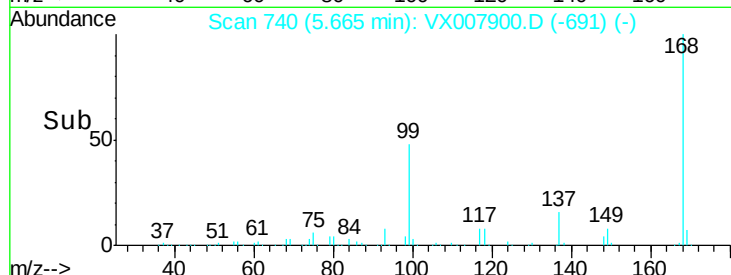
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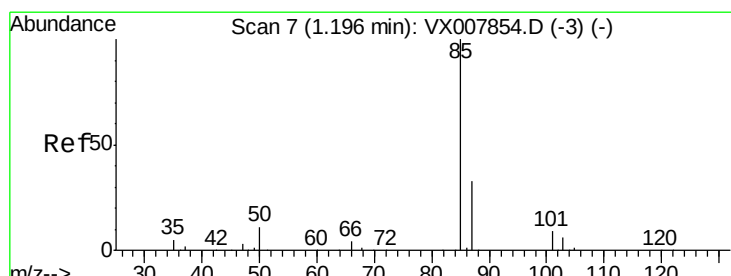
Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

Time-->



Time-->



#2

Dichlorodifluoromethane

Concen: 19.092 ug/l

RT: 1.20 min Scan# 8

Delta R.T. 0.01 min

Lab File: VX007900.D

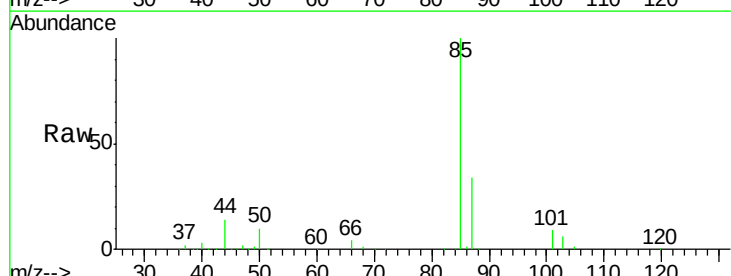
Acq: 07 Mar 2019 23:24

Tgt Ion: 85 Resp: 43059

Ion Ratio Lower Upper

85 100

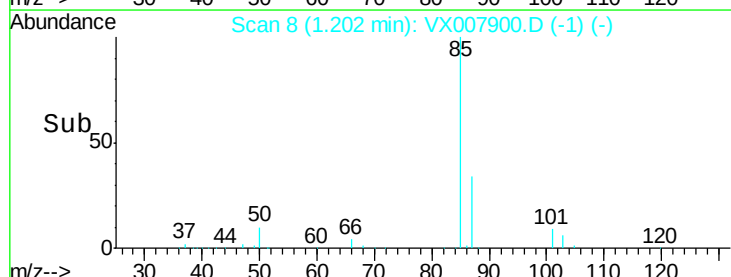
87 33.5 16.4 49.1



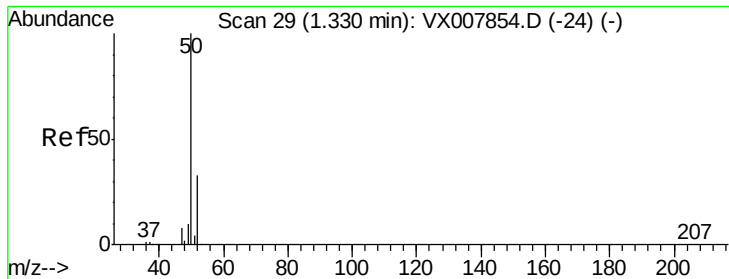
Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

Time-->



Time-->



#3

Chloromethane

Concen: 20.043 ug/l

RT: 1.33 min Scan# 29

Delta R.T. -0.00 min

Lab File: VX007900.D

Acq: 07 Mar 2019 23:24

Instrument :

MSVOA_X

ClientSampleId :

VX0307WBS02

Tot Ion: 50 Resp: 58255

Ion Ratio Lower Upper

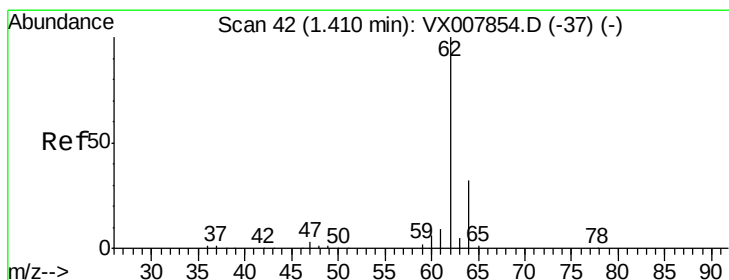
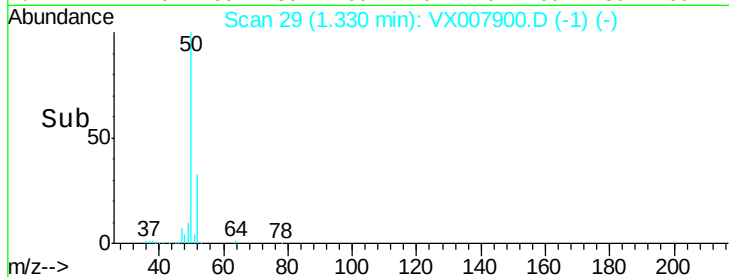
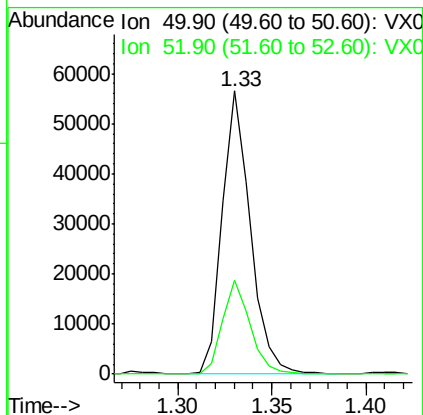
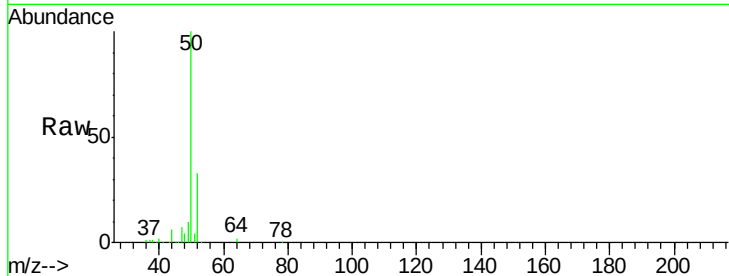
50 100

52 33.4 26.5 39.7

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#4

Vinyl Chloride

Concen: 20.331 ug/l

RT: 1.41 min Scan# 42

Delta R.T. -0.00 min

Lab File: VX007900.D

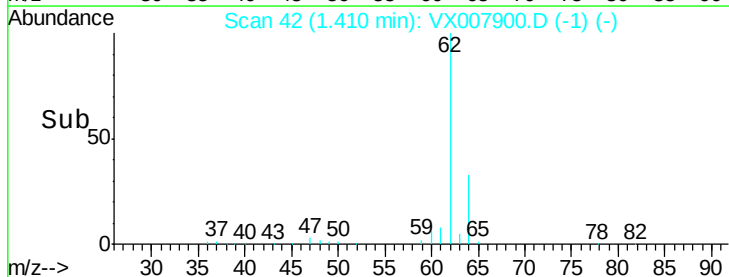
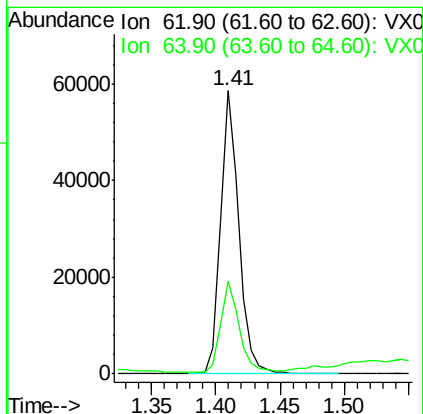
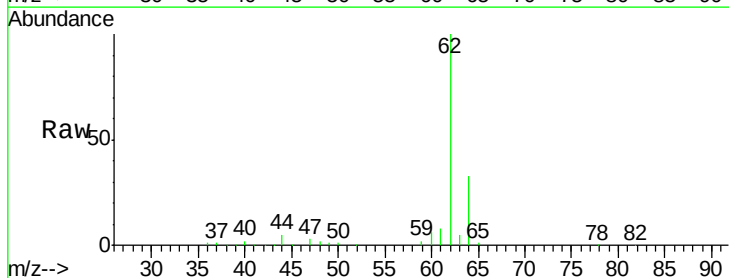
Acq: 07 Mar 2019 23:24

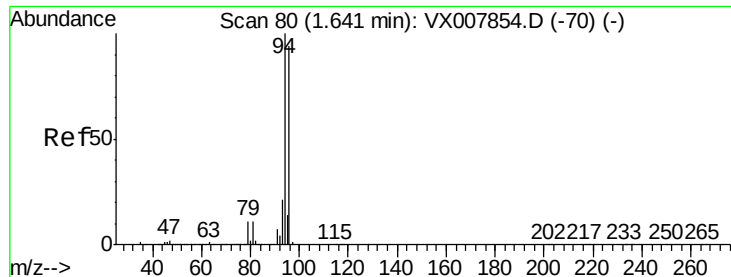
Tgt Ion: 62 Resp: 58715

Ion Ratio Lower Upper

62 100

64 32.0 25.3 37.9





#5

Bromomethane

Concen: 22.565 ug/l

RT: 1.64 min Scan# 80

Delta R.T. 0.00 min

Lab File: VX007900.D

Acq: 07 Mar 2019 23:24

Instrument :

MSVOA_X

ClientSampleId :

VX0307WBS02

Tot Ion: 94 Resp: 31419

Ion Ratio Lower Upper

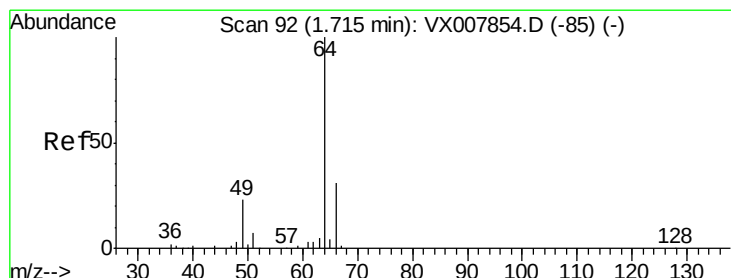
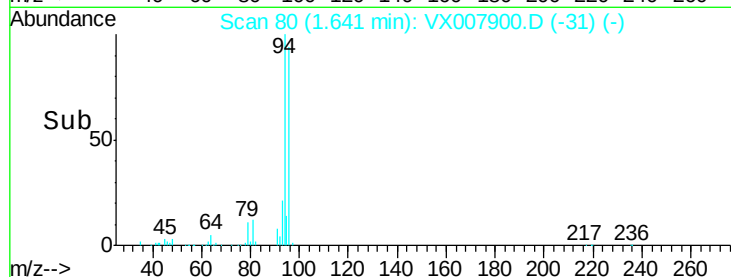
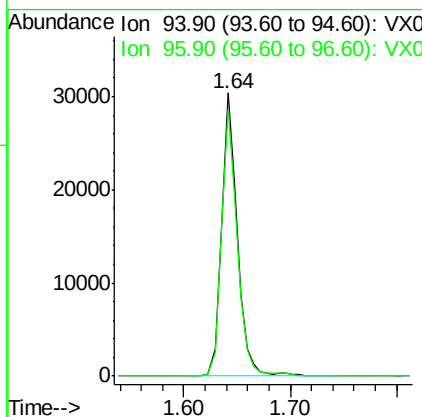
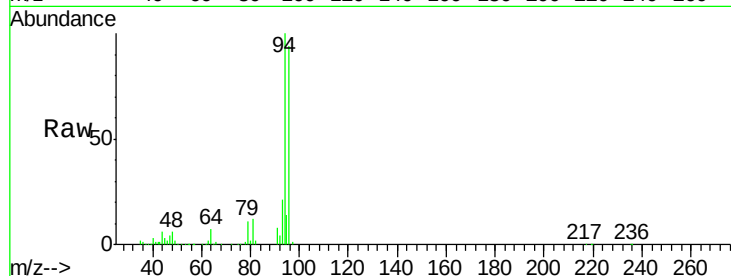
94 100

96 94.4 75.5 113.3

Manual Integrations
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#6

Chloroethane

Concen: 22.114 ug/l

RT: 1.73 min Scan# 94

Delta R.T. 0.01 min

Lab File: VX007900.D

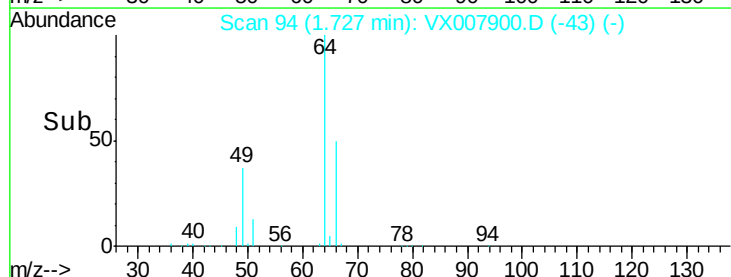
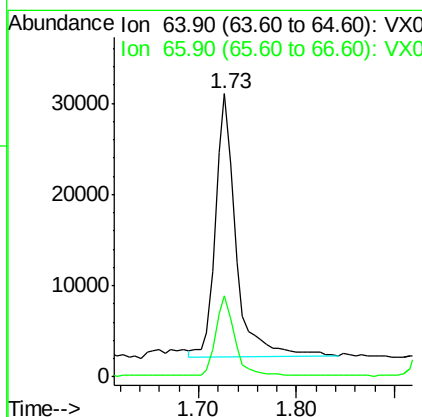
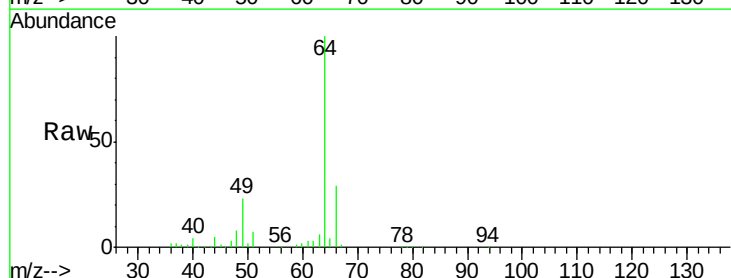
Acq: 07 Mar 2019 23:24

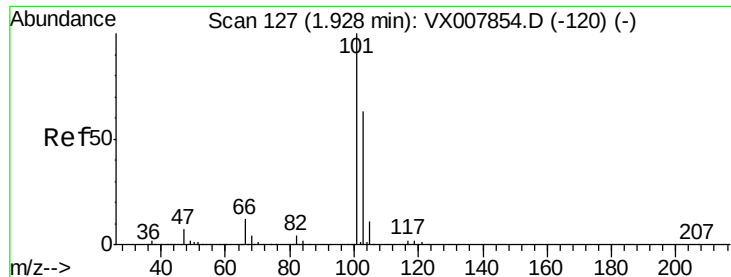
Tgt Ion: 64 Resp: 42425

Ion Ratio Lower Upper

64 100

66 30.5 25.2 37.8





#7

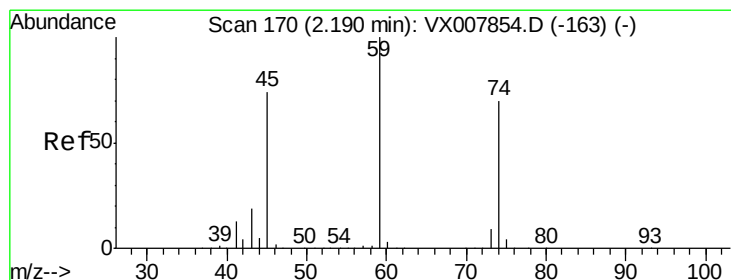
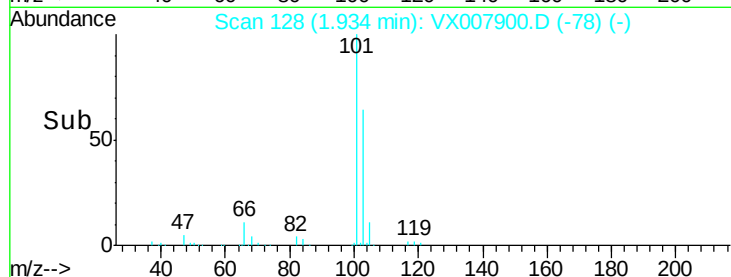
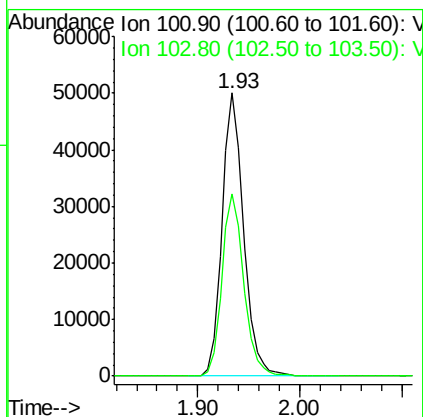
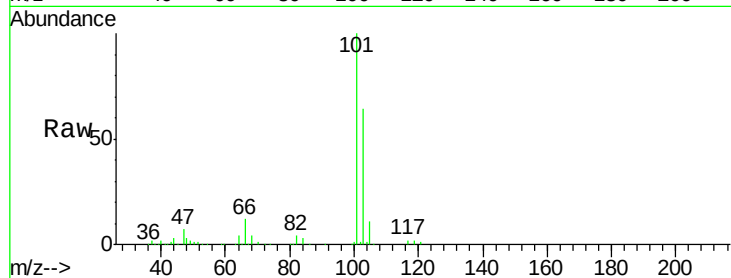
Trichlorofluoromethane
 Concen: 19.569 ug/l
 RT: 1.93 min Scan# 128
 Delta R.T. 0.01 min
 Lab File: VX007900.D
 Acq: 07 Mar 2019 23:24

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 ClientSampleId :
 VX0307WBS02

Tot Ion	Ratio	Lower	Upper
101	100		
103	64.2	50.4	75.6

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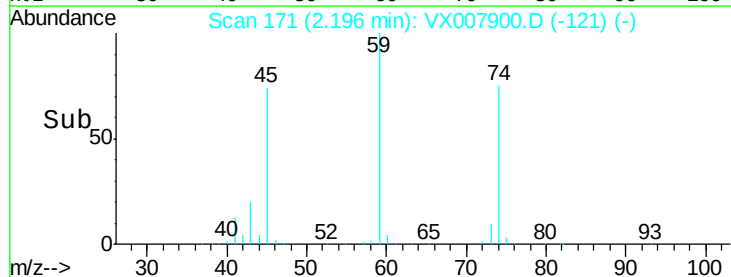
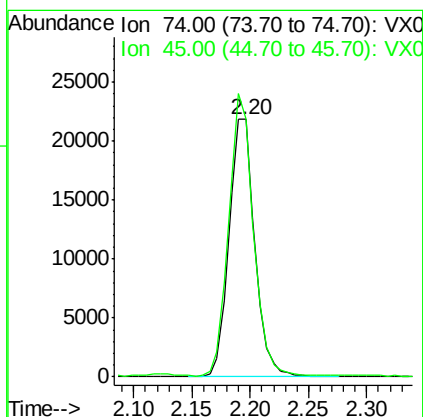
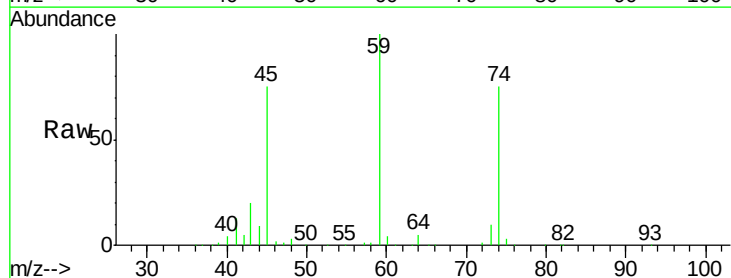
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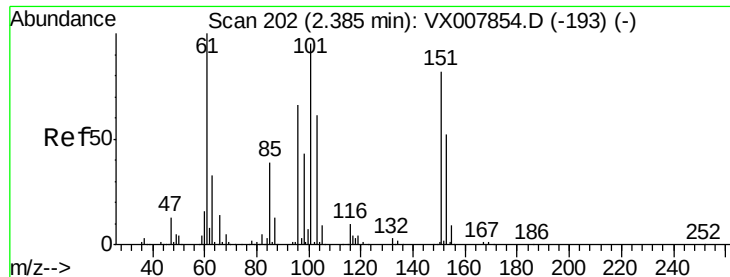


#8

Diethyl Ether
 Concen: 20.716 ug/l
 RT: 2.20 min Scan# 171
 Delta R.T. 0.01 min
 Lab File: VX007900.D
 Acq: 07 Mar 2019 23:24

Tgt Ion	Ratio	Lower	Upper
74	100		
45	105.3	52.1	156.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.657 ug/l

RT: 2.38 min Scan# 202

Delta R.T. -0.00 min

Lab File: VX007900.D

Acq: 07 Mar 2019 23:24

Instrument :

MSVOA_X

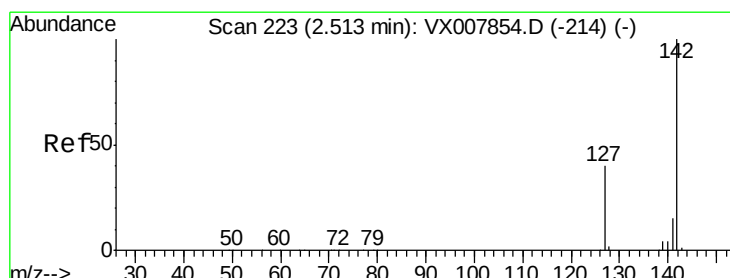
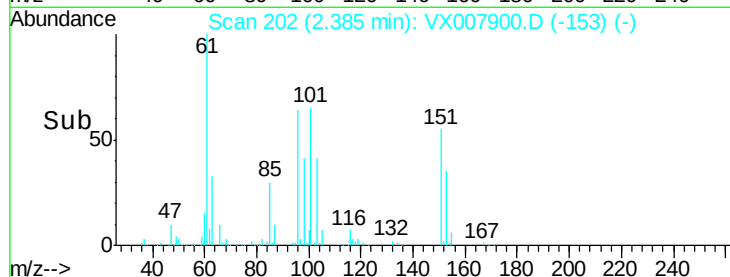
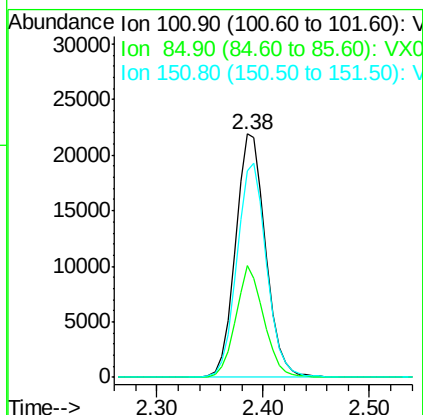
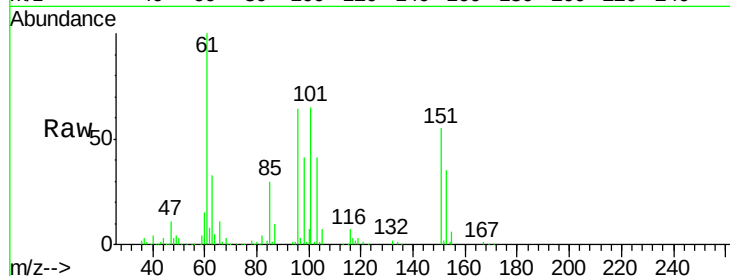
ClientSampleId :

VX0307WBS02

Tot Ion:	101	Resp:	43470
Ion Ratio	Lower	Upper	
101	100		
85	42.9	33.8	50.6
151	87.1	69.1	103.7

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#10

Methyl Iodide

Concen: 20.701 ug/l

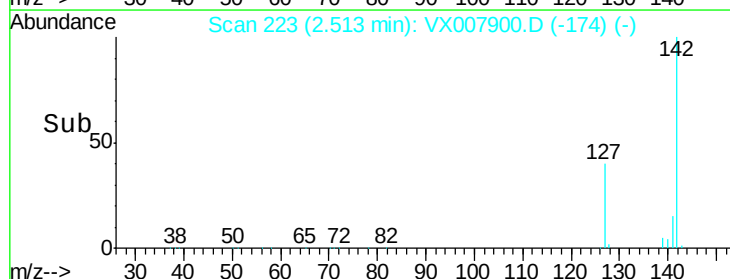
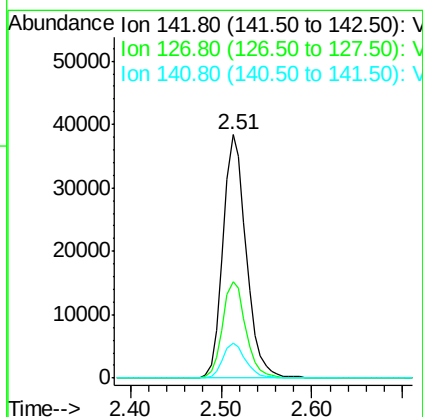
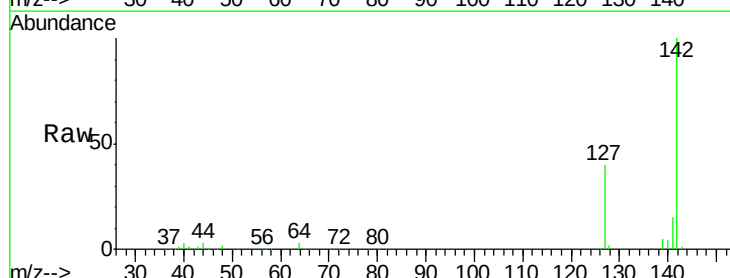
RT: 2.51 min Scan# 223

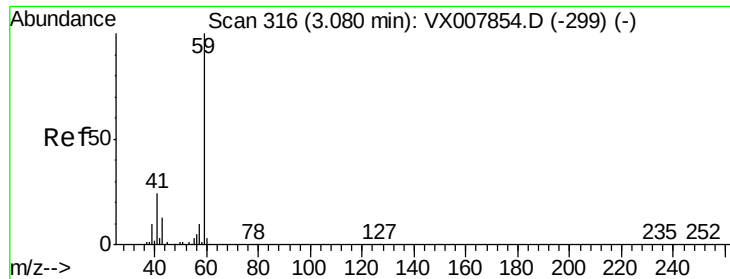
Delta R.T. -0.00 min

Lab File: VX007900.D

Acq: 07 Mar 2019 23:24

Tgt Ion:	142	Resp:	68427
Ion Ratio	Lower	Upper	
142	100		
127	39.9	32.1	48.1
141	14.4	11.4	17.2





#11

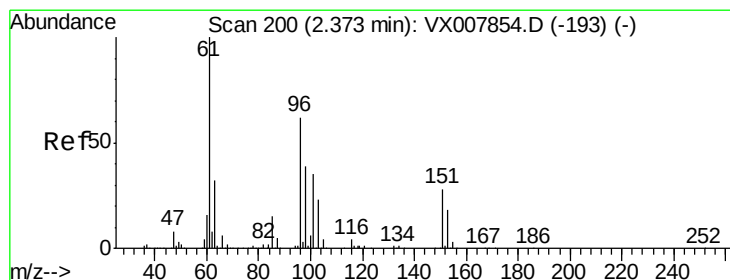
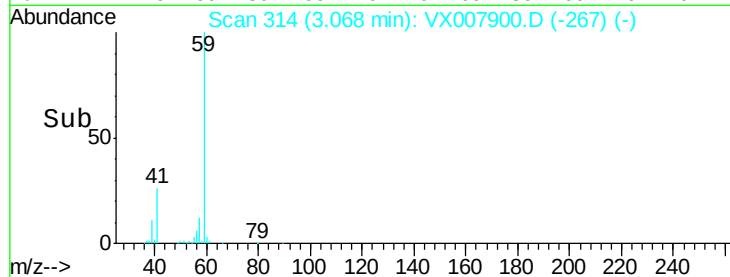
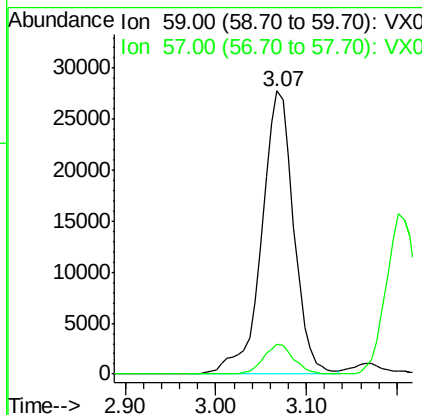
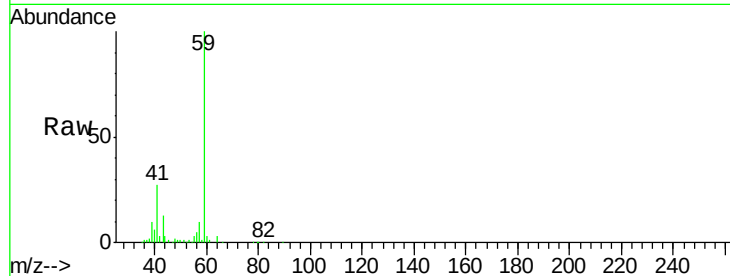
Tert butyl alcohol
Concen: 109.072 ug/l
RT: 3.07 min Scan# 314
Delta R.T. -0.01 min
Lab File: VX007900.D
Acq: 07 Mar 2019 23:24

Instrument :
MSVOA_X
ClientSampleId :
VX0307WBS02

Tot Ion: 59 Resp: 67926
Ion Ratio Lower Upper
59 100
57 10.0 8.2 12.2

Manual Integrations
APPROVED

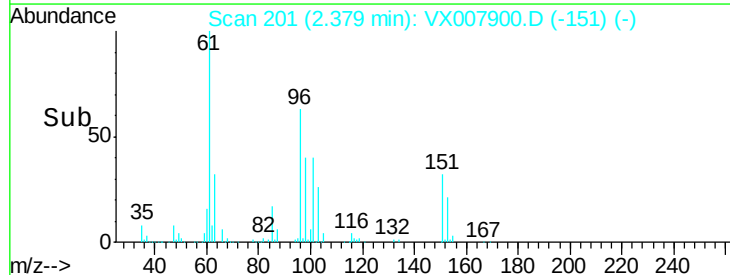
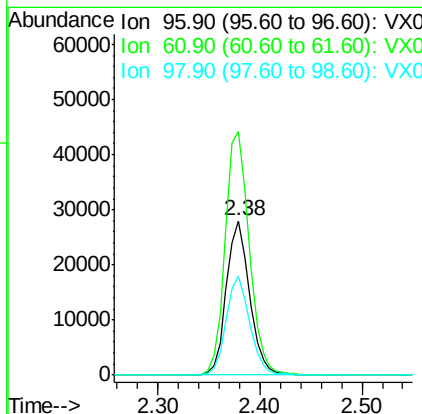
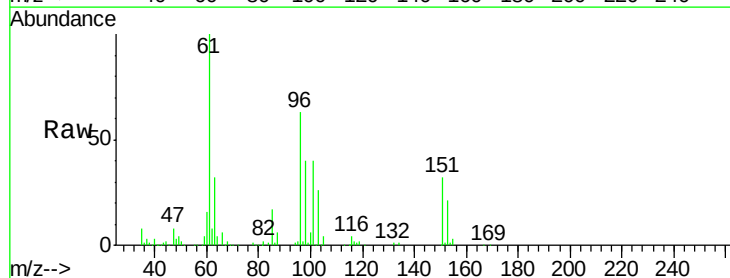
MMDadoda
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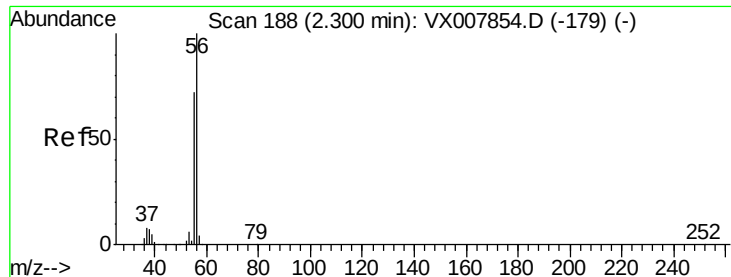


#12

1,1-Dichloroethene
Concen: 19.699 ug/l
RT: 2.38 min Scan# 201
Delta R.T. 0.01 min
Lab File: VX007900.D
Acq: 07 Mar 2019 23:24

Tgt Ion: 96 Resp: 44244
Ion Ratio Lower Upper
96 100
61 158.0 129.8 194.6
98 64.0 51.0 76.6





#13

Acrolein

Concen: 85.114 ug/l

RT: 2.30 min Scan# 188

Delta R.T. 0.00 min

Lab File: VX007900.D

Acq: 07 Mar 2019 23:24

Instrument :

MSVOA_X

ClientSampleId :

VX0307WBS02

Tot Ion: 56 Resp: 29636

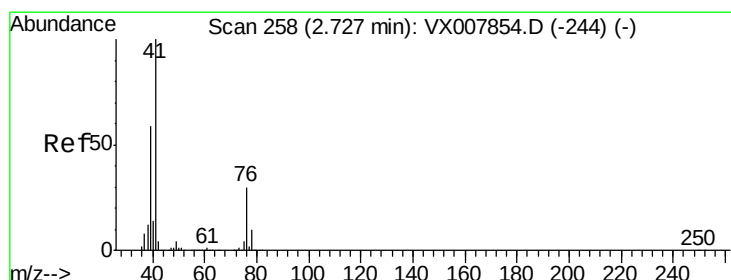
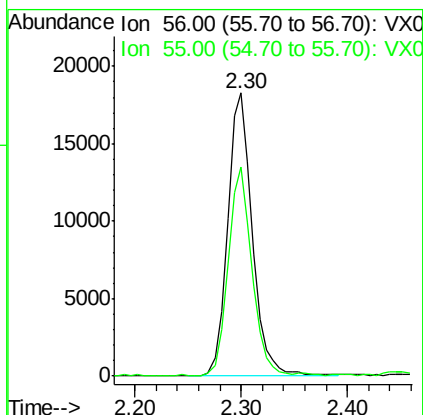
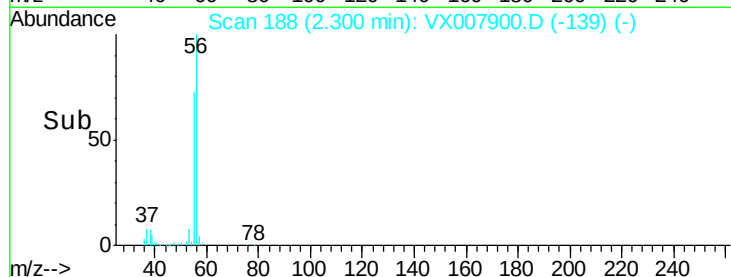
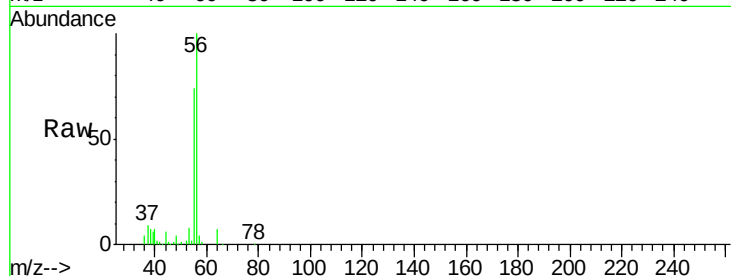
Ion Ratio Lower Upper

56 100

55 71.9 57.8 86.6

Manual Integrations
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#14

Allyl chloride

Concen: 19.467 ug/l

RT: 2.73 min Scan# 259

Delta R.T. 0.01 min

Lab File: VX007900.D

Acq: 07 Mar 2019 23:24

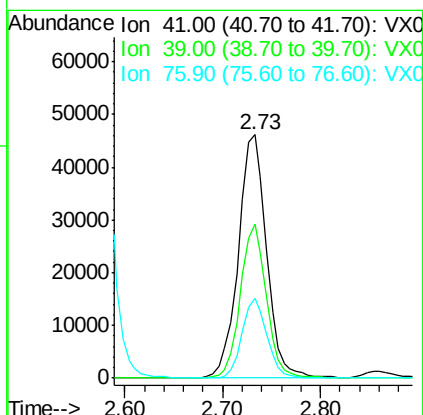
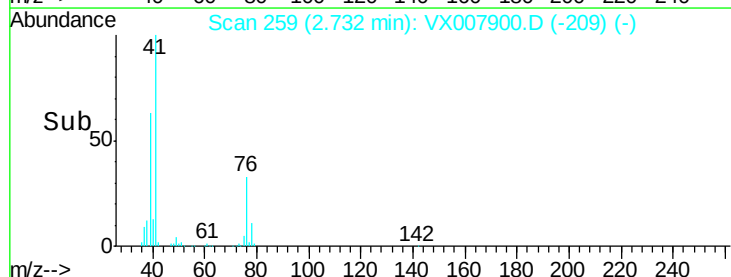
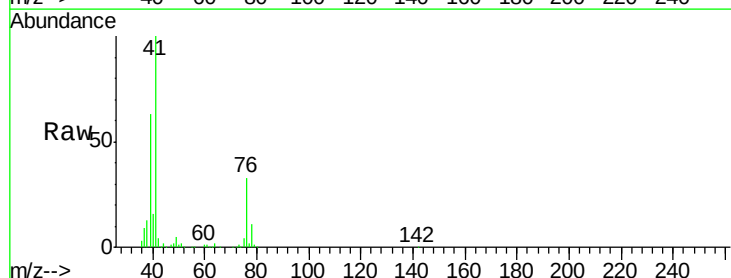
Tgt Ion: 41 Resp: 91876

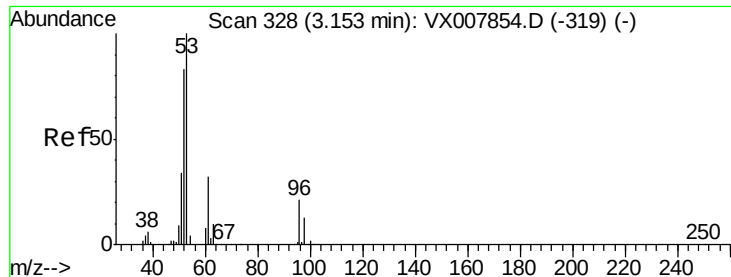
Ion Ratio Lower Upper

41 100

39 58.1 46.1 69.1

76 29.2 24.0 36.0





#15

Acrylonitrile

Concen: 102.032 ug/l

RT: 3.15 min Scan# 328

Delta R.T. -0.00 min

Lab File: VX007900.D

Acq: 07 Mar 2019 23:24

Instrument :

MSVOA_X

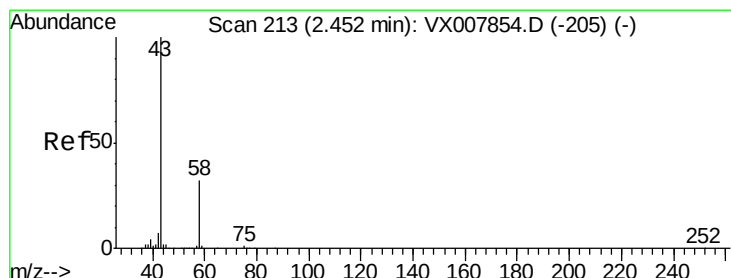
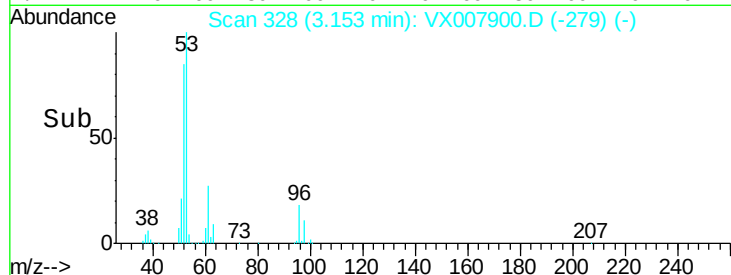
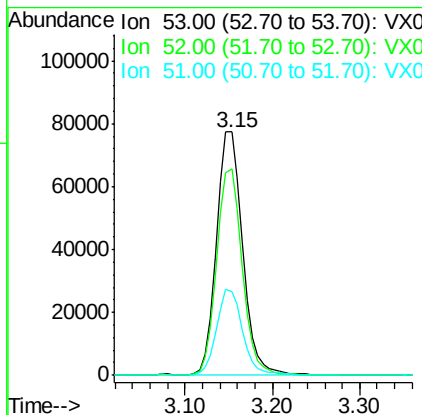
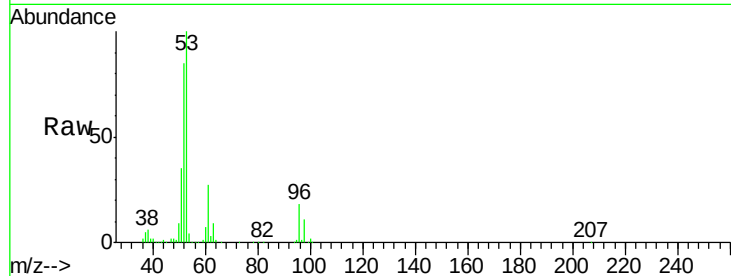
ClientSampled :

VX0307WBS02

Tot Ion:	53	Resp:	160385
Ion Ratio		Lower	Upper
53	100		
52	83.2	66.0	99.0
51	35.2	28.0	42.0

Manual Integrations
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#16

Acetone

Concen: 82.999 ug/l

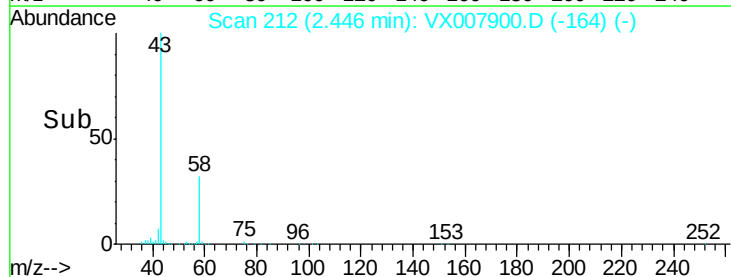
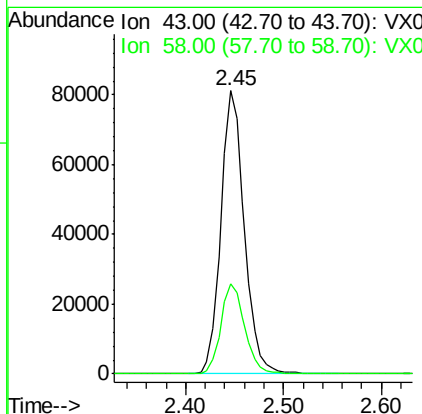
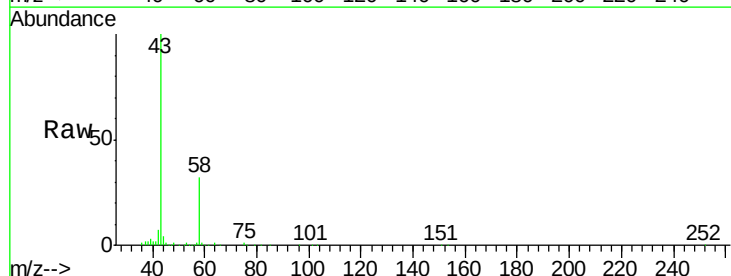
RT: 2.45 min Scan# 212

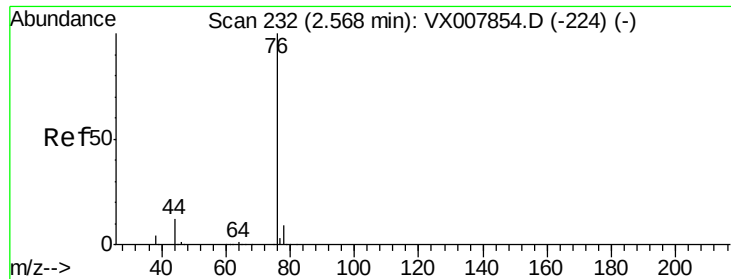
Delta R.T. -0.01 min

Lab File: VX007900.D

Acq: 07 Mar 2019 23:24

Tgt Ion:	43	Resp:	133779
Ion Ratio		Lower	Upper
43	100		
58	31.8	25.5	38.3





#17

Carbon Disulfide

Concen: 20.041 ug/l

RT: 2.57 min Scan# 233

Delta R.T. 0.01 min

Lab File: VX007900.D

Acq: 07 Mar 2019 23:24

Instrument :

MSVOA_X

ClientSampleId :

VX0307WBS02

Tot Ion: 76 Resp: 138522

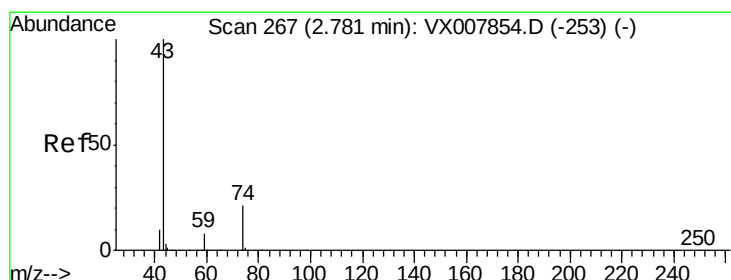
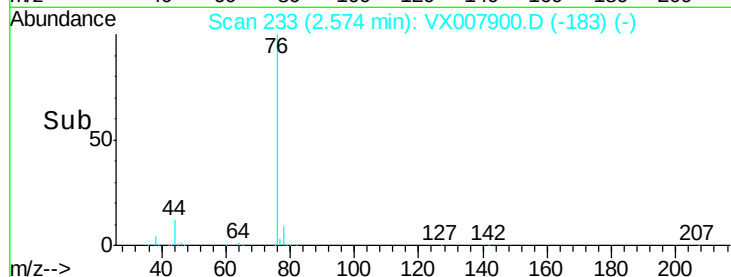
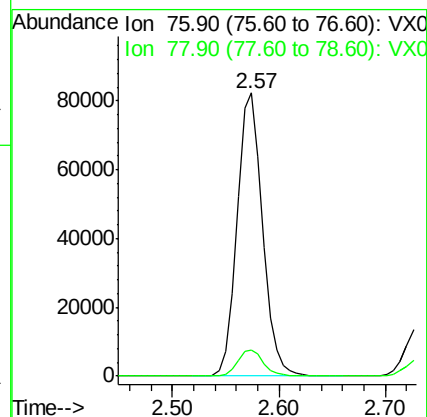
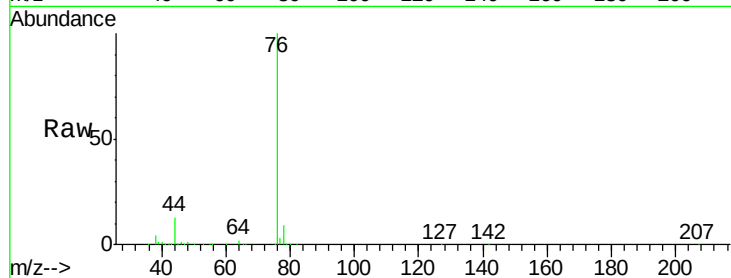
Ion Ratio Lower Upper

76 100

78 9.1 7.2 10.8

Manual Integrations
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#18

Methyl Acetate

Concen: 21.302 ug/l

RT: 2.78 min Scan# 267

Delta R.T. -0.00 min

Lab File: VX007900.D

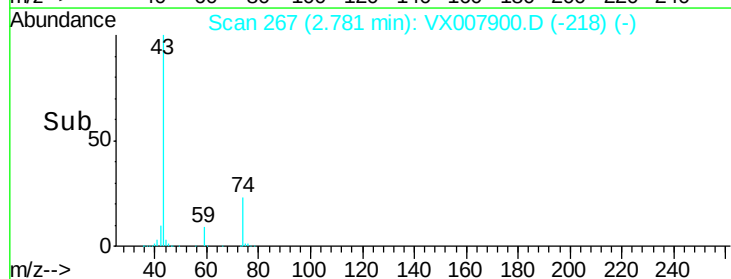
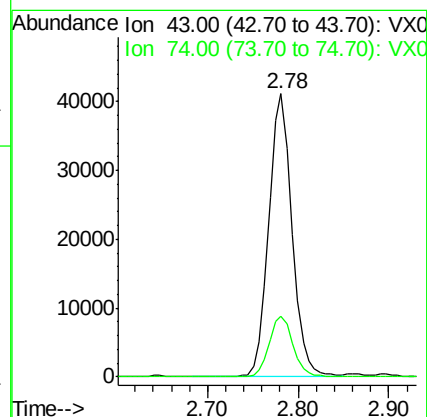
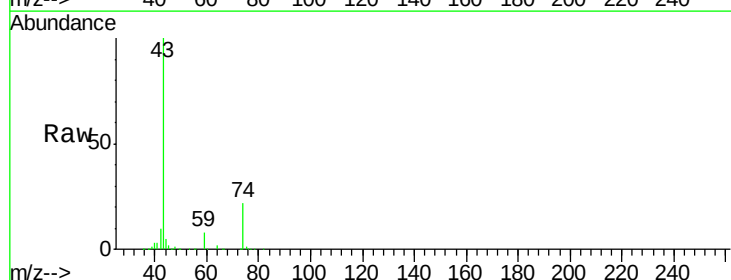
Acq: 07 Mar 2019 23:24

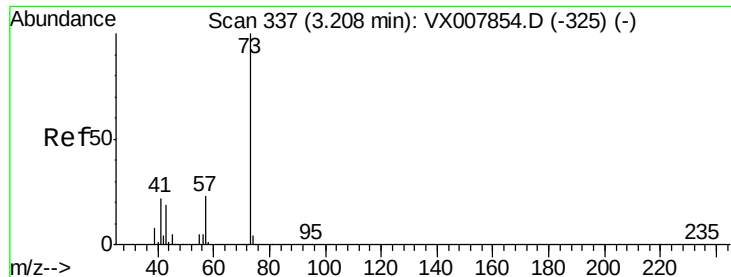
Tgt Ion: 43 Resp: 72943

Ion Ratio Lower Upper

43 100

74 22.5 17.8 26.6





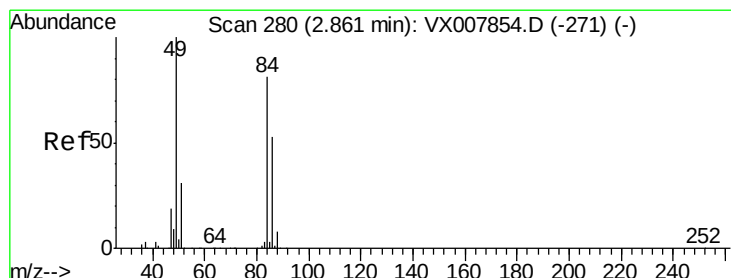
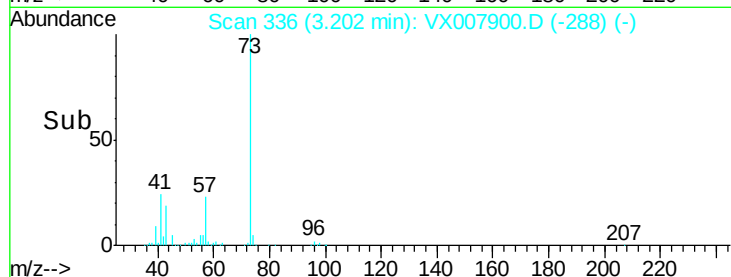
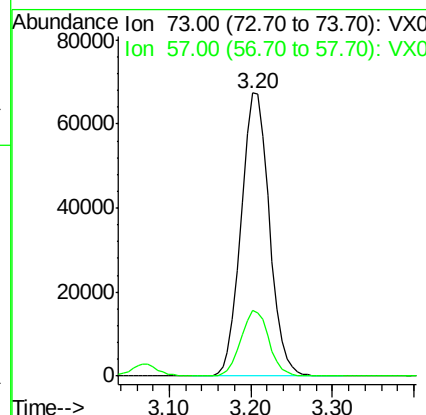
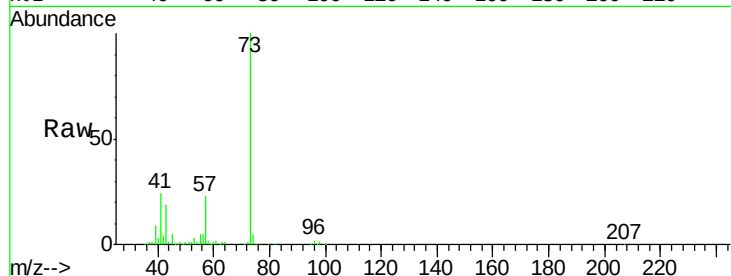
#19
Methyl tert-butyl Ether
Concen: 20.907 ug/l
RT: 3.20 min Scan# 336
Delta R.T. -0.01 min
Lab File: VX007900.D
Acq: 07 Mar 2019 23:24

Instrument :
MSVOA_X
ClientSampleId :
VX0307WBS02

Tot Ion	73	Resp	161543
Ion Ratio	Lower	Upper	
73	100		
57	23.3	18.2	27.4

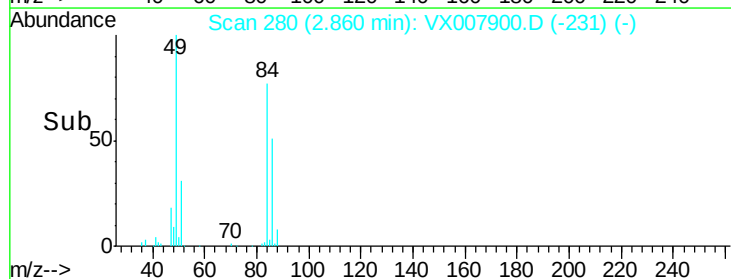
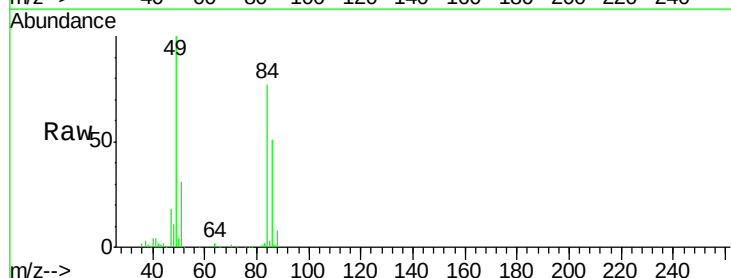
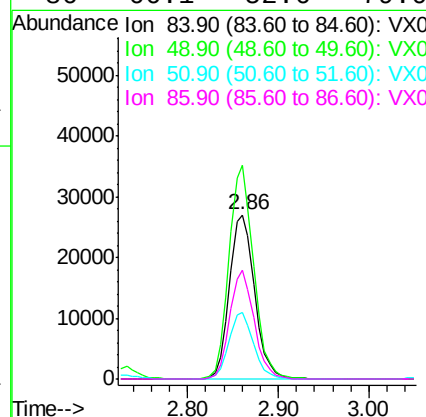
Manual Integrations
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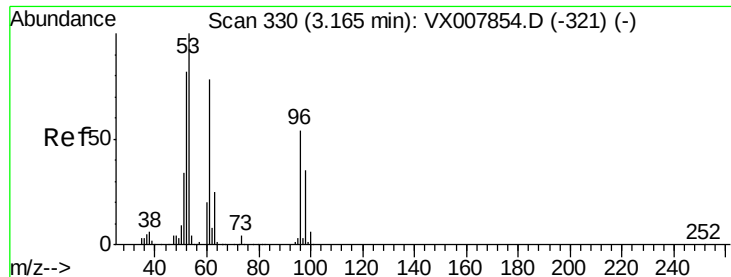
MMDadoda
3/8/2019 9:39:52 AM



#20
Methylene Chloride
Concen: 20.266 ug/l
RT: 2.86 min Scan# 280
Delta R.T. -0.00 min
Lab File: VX007900.D
Acq: 07 Mar 2019 23:24

Tgt Ion	84	Resp	51988
Ion Ratio	Lower	Upper	
84	100		
49	130.1	99.3	148.9
51	40.7	31.3	46.9
86	66.1	52.6	79.0





#21

trans-1,2-Dichloroethene

Concen: 19.576 ug/l

RT: 3.17 min Scan# 330

Delta R.T. -0.00 min

Lab File: VX007900.D

Acq: 07 Mar 2019 23:24

Instrument :

MSVOA_X

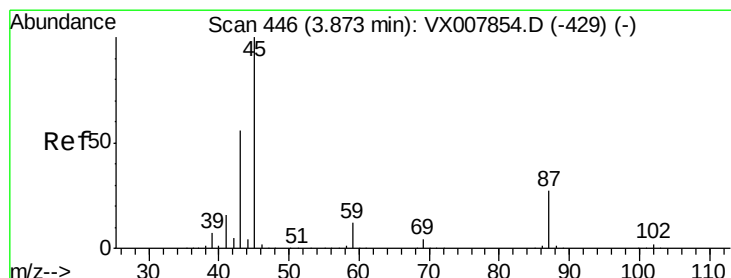
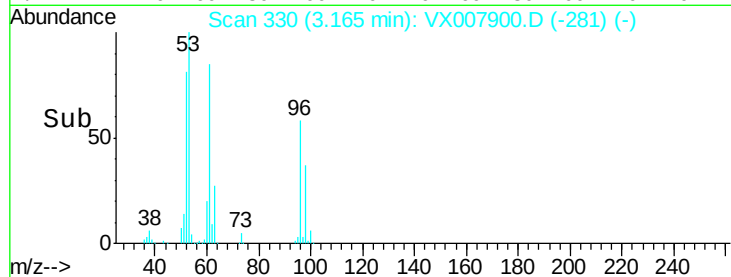
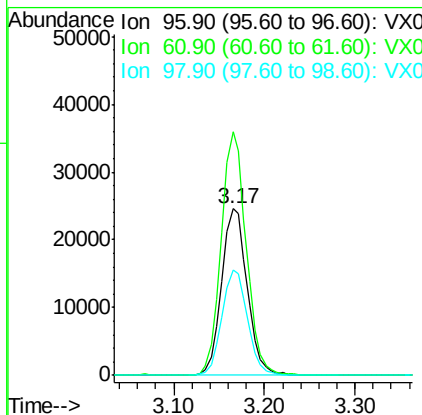
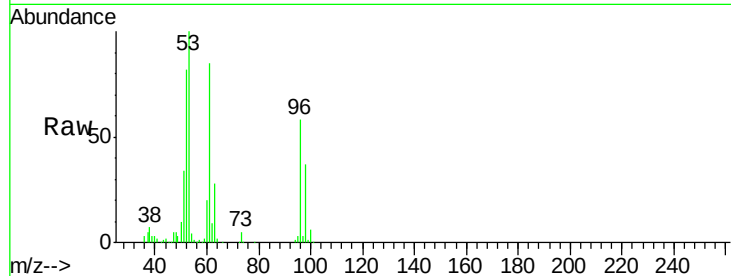
ClientSampleId :

VX0307WBS02

Tot Ion:	96	Resp:	48379
Ion	Ratio	Lower	Upper
96	100		
61	146.4	114.4	171.6
98	63.5	51.1	76.7

Manual Integrations
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#22

Diisopropyl ether

Concen: 20.755 ug/l

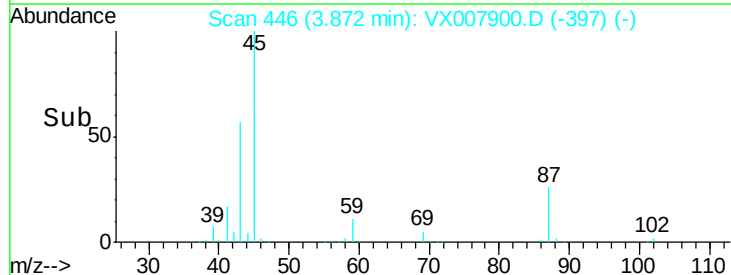
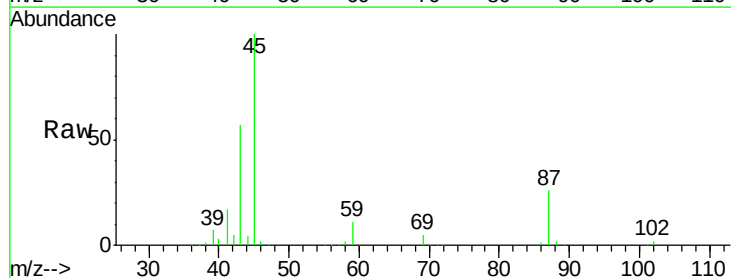
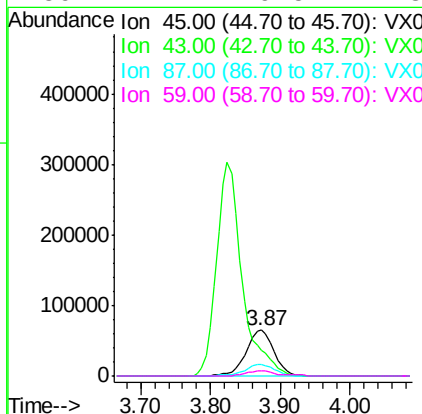
RT: 3.87 min Scan# 446

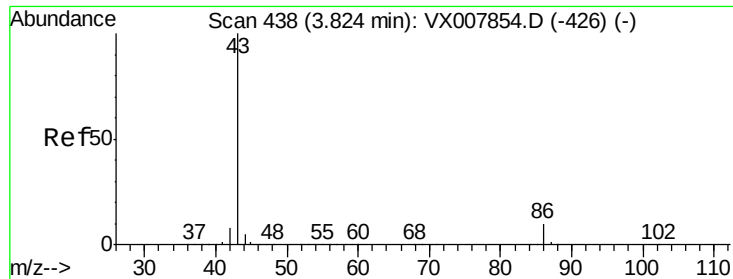
Delta R.T. -0.00 min

Lab File: VX007900.D

Acq: 07 Mar 2019 23:24

Tgt Ion:	45	Resp:	179561
Ion	Ratio	Lower	Upper
45	100		
43	56.7	45.3	67.9
87	26.0	21.4	32.0
59	11.4	9.5	14.3





#23

Vinyl Acetate

Concen: 102.045 ug/l

RT: 3.82 min Scan# 438

Delta R.T. -0.00 min

Lab File: VX007900.D

Acq: 07 Mar 2019 23:24

Instrument :

MSVOA_X

ClientSampled :

VX0307WBS02

Tot Ion: 43 Resp: 774171

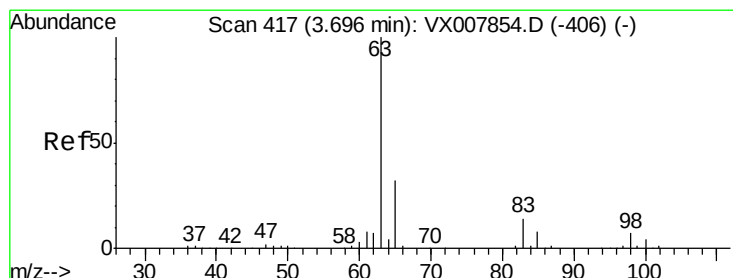
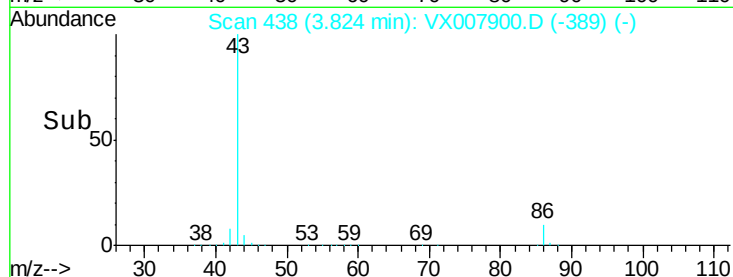
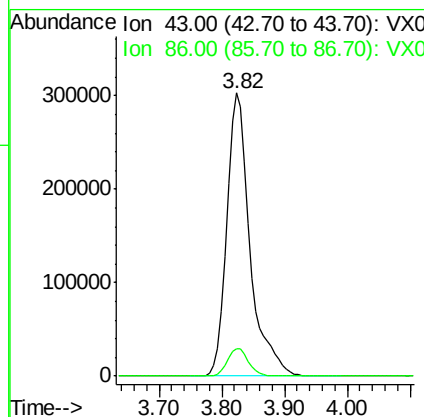
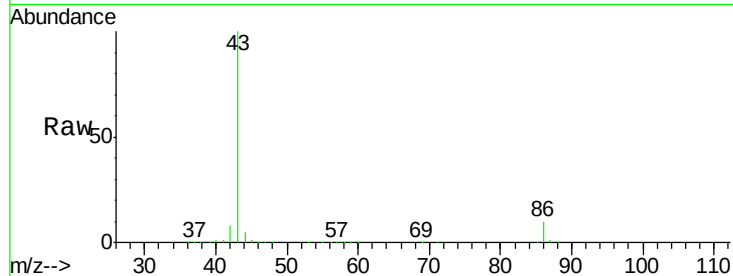
Ion Ratio Lower Upper

43 100

86 9.8 7.9 11.9

Manual Integrations
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#24

1,1-Dichloroethane

Concen: 20.227 ug/l

RT: 3.70 min Scan# 417

Delta R.T. -0.00 min

Lab File: VX007900.D

Acq: 07 Mar 2019 23:24

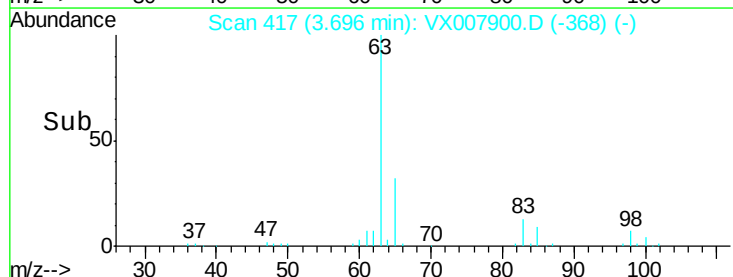
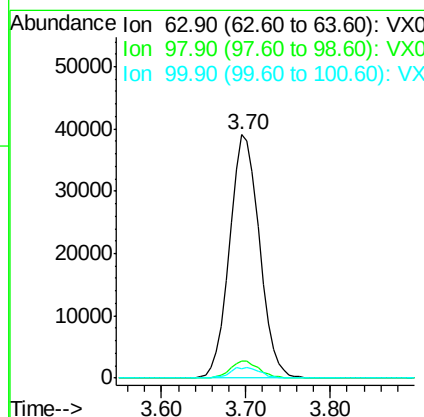
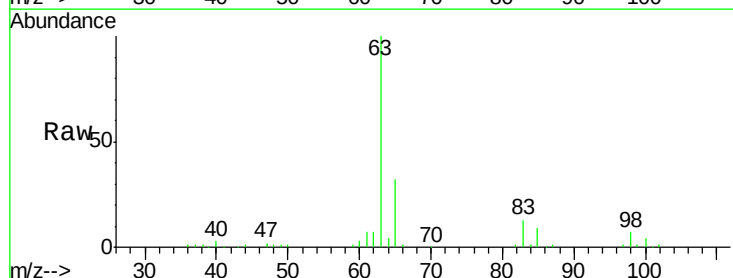
Tgt Ion: 63 Resp: 94171

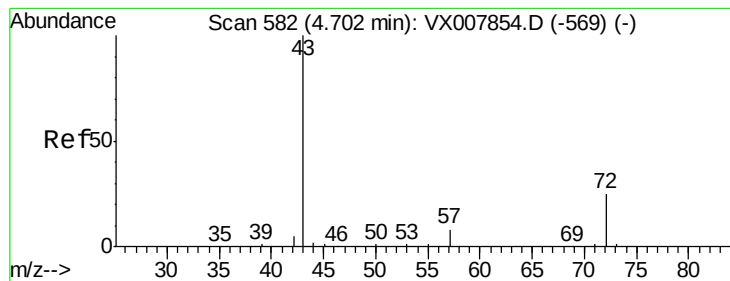
Ion Ratio Lower Upper

63 100

98 7.1 3.3 9.8

100 3.6 2.3 6.8





#25

2-Butanone

Concen: 96.669 ug/l

RT: 4.70 min Scan# 581

Delta R.T. -0.01 min

Lab File: VX007900.D

Acq: 07 Mar 2019 23:24

Instrument :

MSVOA_X

ClientSampleId :

VX0307WBS02

Tot Ion: 43 Resp: 220592

Ion Ratio Lower Upper

43 100

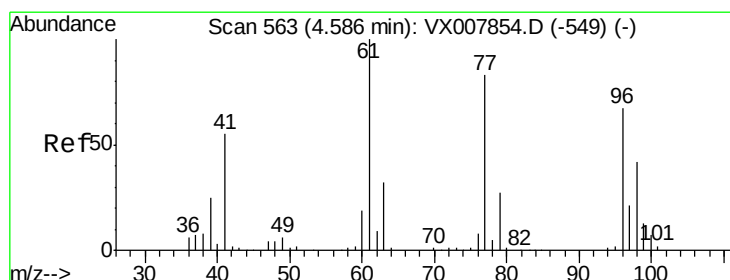
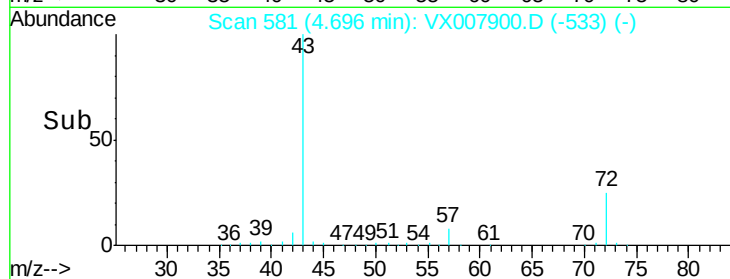
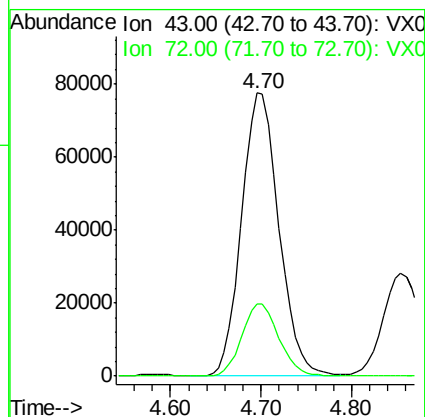
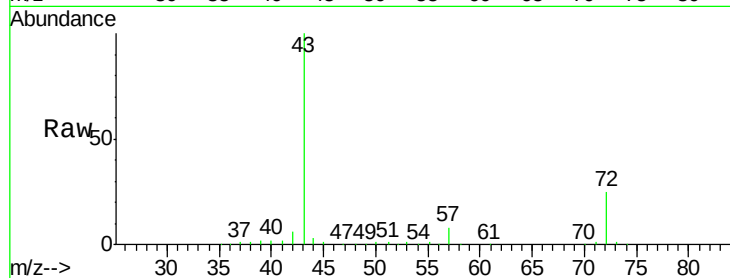
72 25.3 19.9 29.9

Manual Integrations

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3/8/2019 9:39:52 AM



#26

2,2-Dichloropropane

Concen: 15.866 ug/l

RT: 4.59 min Scan# 563

Delta R.T. -0.00 min

Lab File: VX007900.D

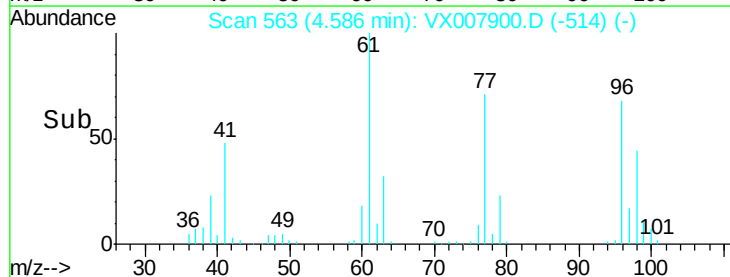
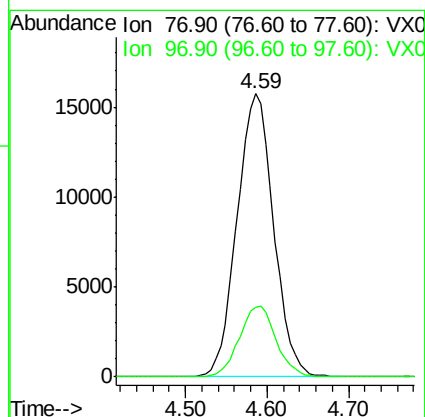
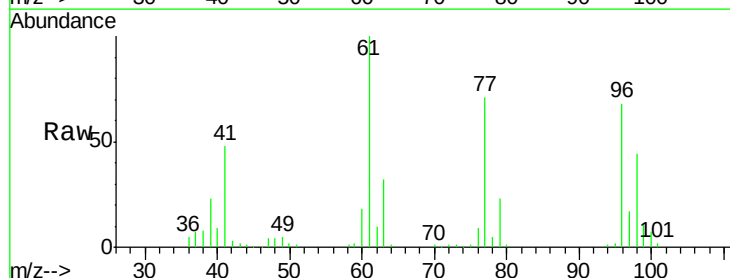
Acq: 07 Mar 2019 23:24

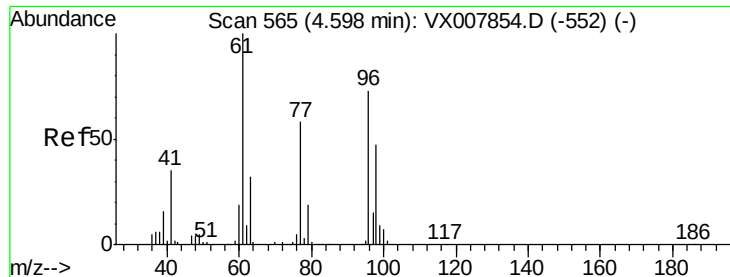
Tgt Ion: 77 Resp: 48939

Ion Ratio Lower Upper

77 100

97 25.0 12.2 36.6





#27

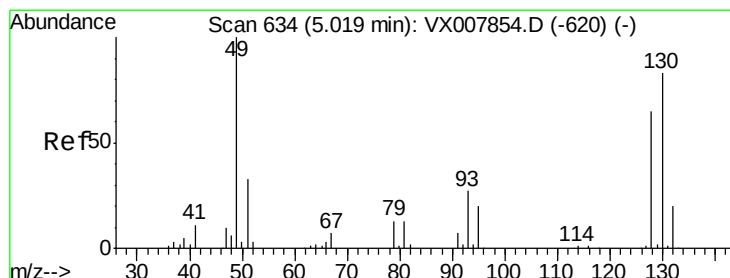
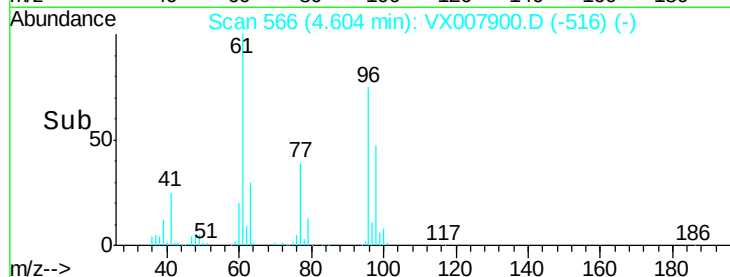
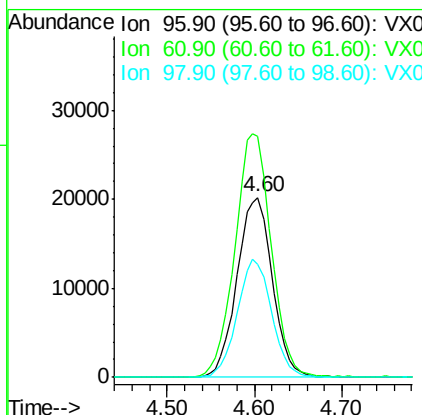
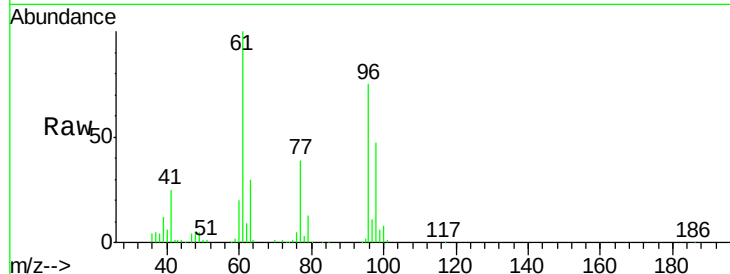
cis-1,2-Dichloroethene
Concen: 20.083 ug/l
RT: 4.60 min Scan# 566
Delta R.T. 0.01 min
Lab File: VX007900.D
Acq: 07 Mar 2019 23:24

Instrument :
MSVOA_X
ClientSampleId :
VX0307WBS02

Tot Ion	Ratio	Resp	Lower	Upper
96	100	56793		
61	139.6		0.0	288.0
98	64.0		0.0	129.0

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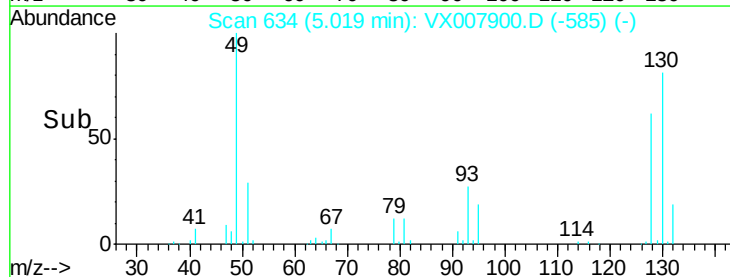
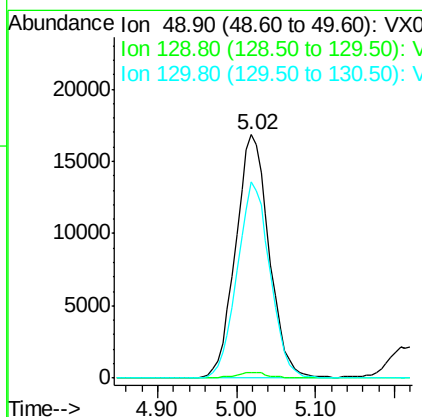
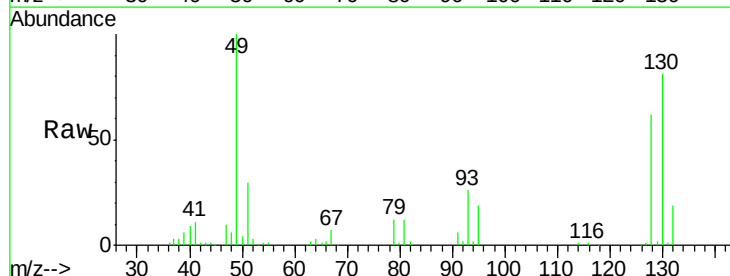
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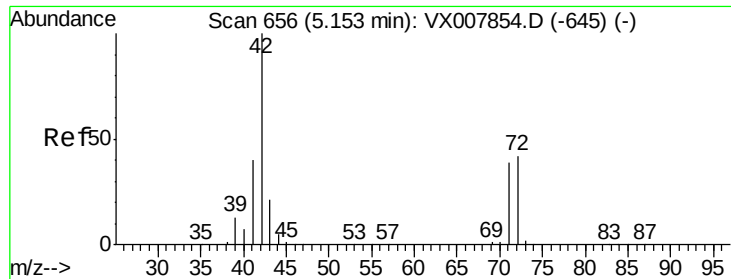


#28

Bromochloromethane
Concen: 22.931 ug/l
RT: 5.02 min Scan# 634
Delta R.T. -0.00 min
Lab File: VX007900.D
Acq: 07 Mar 2019 23:24

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	49771		
129	2.3		0.0	4.0
130	78.8		65.0	97.4





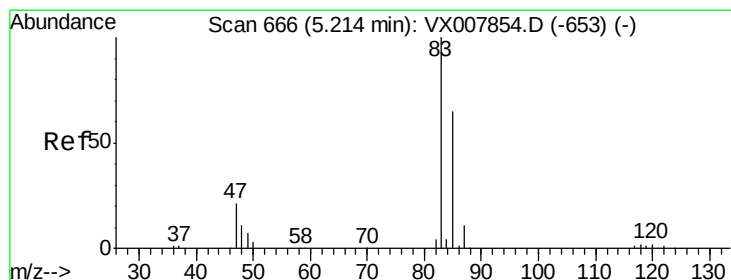
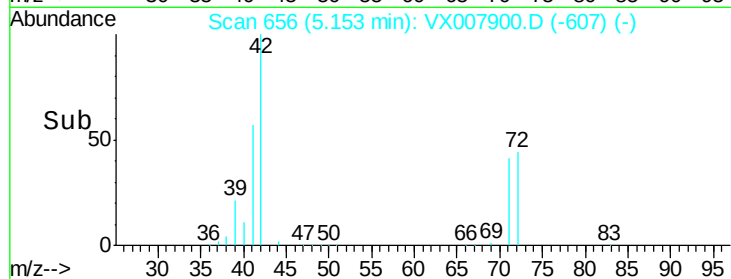
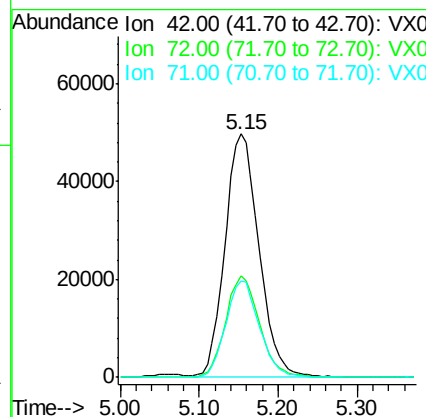
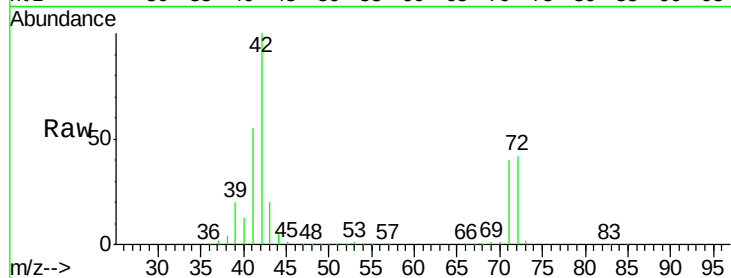
#29
Tetrahydrofuran
Concen: 104.256 ug/l
RT: 5.15 min Scan# 656
Delta R.T. -0.00 min
Lab File: VX007900.D
Acq: 07 Mar 2019 23:24

Instrument :
MSVOA_X
ClientSampleId :
VX0307WBS02

Tot Ion	Ratio	Lower	Upper
42	100		
72	41.9	33.8	50.6
71	39.5	31.5	47.3

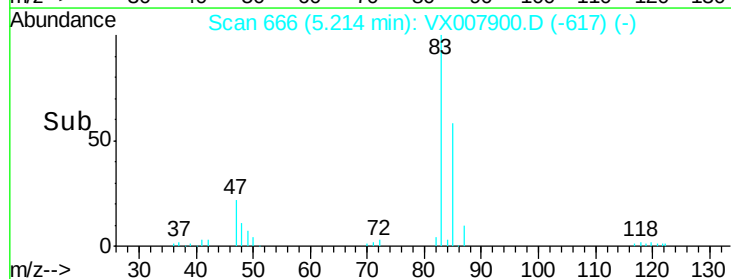
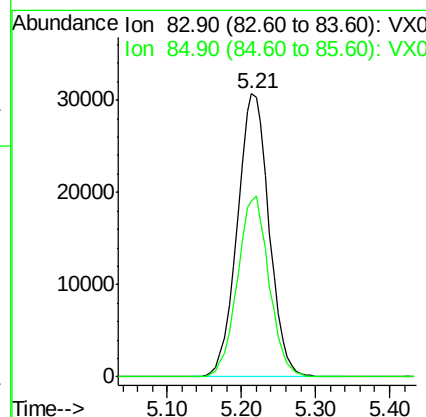
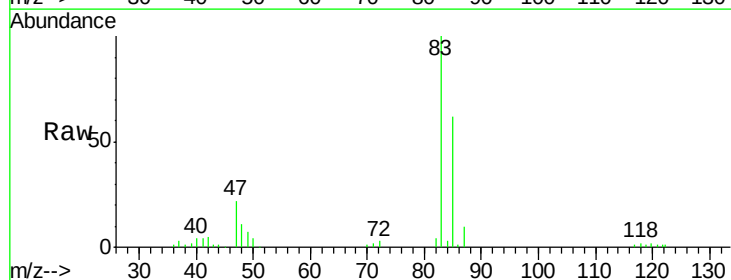
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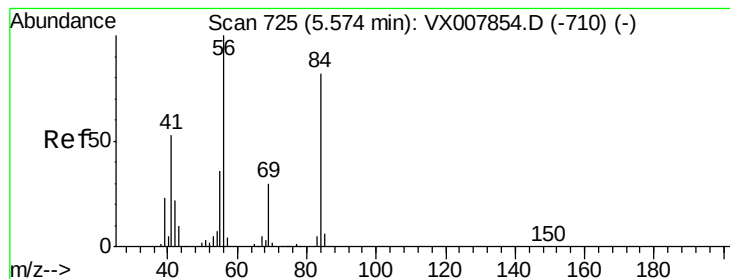
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#30
Chloroform
Concen: 20.799 ug/l
RT: 5.21 min Scan# 666
Delta R.T. -0.00 min
Lab File: VX007900.D
Acq: 07 Mar 2019 23:24

Tgt Ion	Ratio	Lower	Upper
83	100		
85	62.3	51.8	77.6





#31

Cyclohexane

Concen: 19.464 ug/l

RT: 5.57 min Scan# 725

Delta R.T. -0.00 min

Lab File: VX007900.D

Acq: 07 Mar 2019 23:24

Instrument :

MSVOA_X

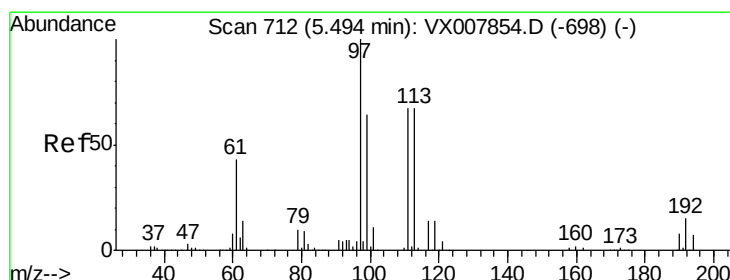
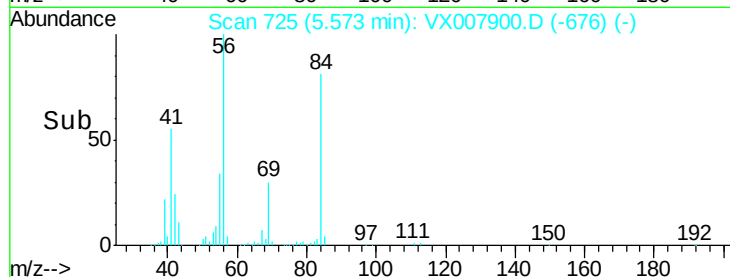
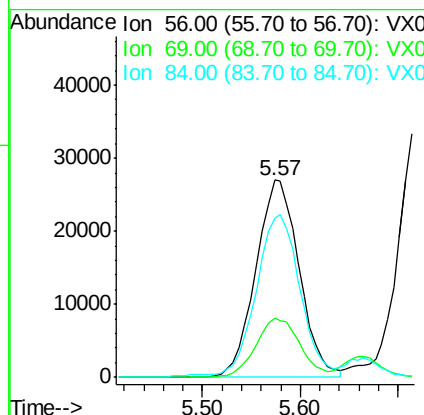
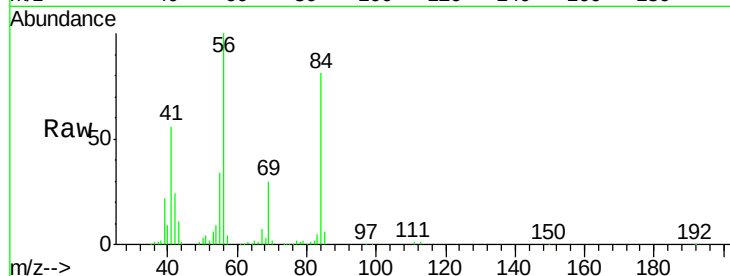
ClientSampleId :

VX0307WBS02

Tot Ion:	56	Resp:	83284
Ion	Ratio	Lower	Upper
56	100		
69	30.2	24.0	36.0
84	79.5	65.3	97.9

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#32

1,1,1-Trichloroethane

Concen: 19.996 ug/l

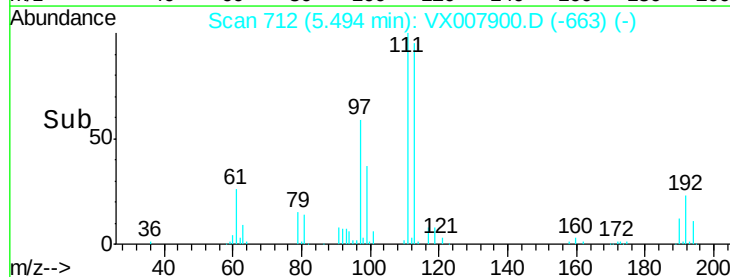
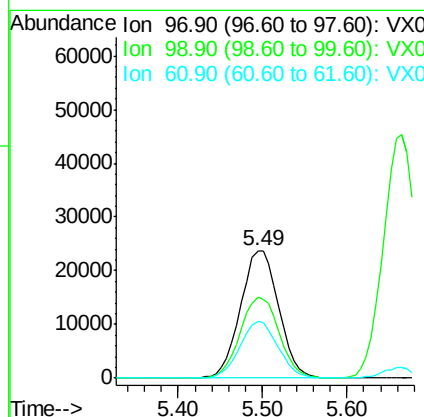
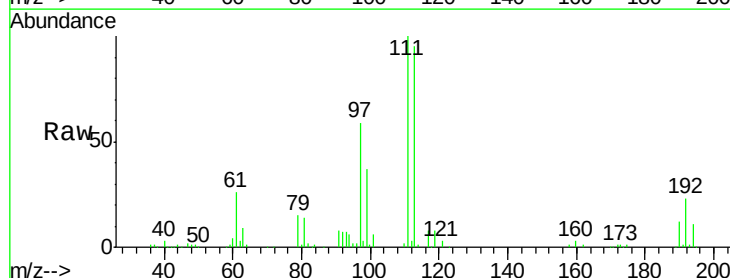
RT: 5.49 min Scan# 712

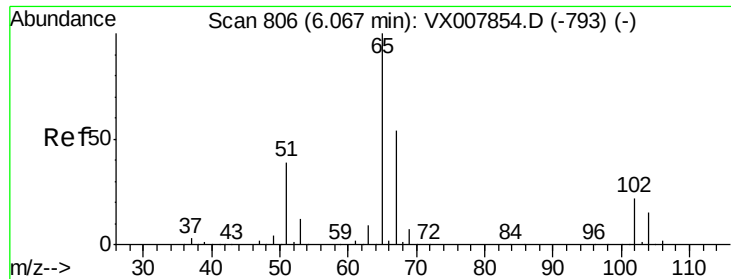
Delta R.T. -0.00 min

Lab File: VX007900.D

Acq: 07 Mar 2019 23:24

Tgt Ion:	97	Resp:	73066
Ion	Ratio	Lower	Upper
97	100		
99	64.7	52.2	78.2
61	44.2	34.9	52.3





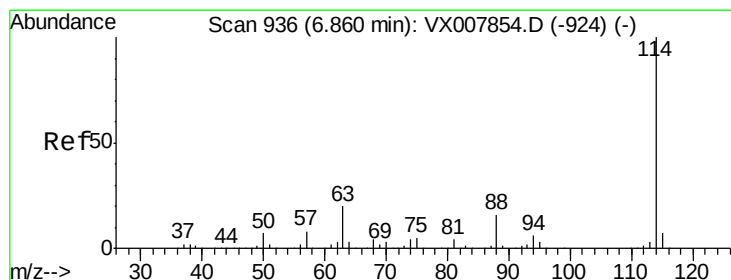
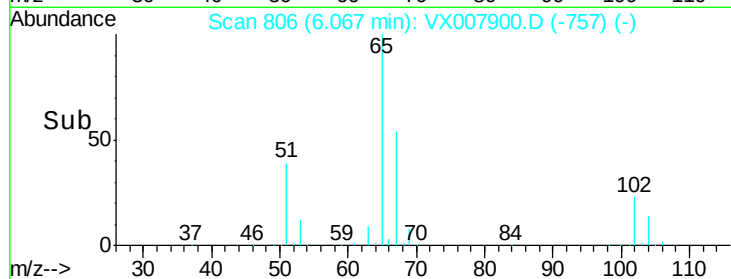
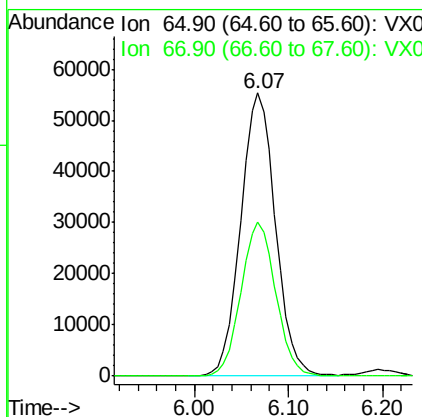
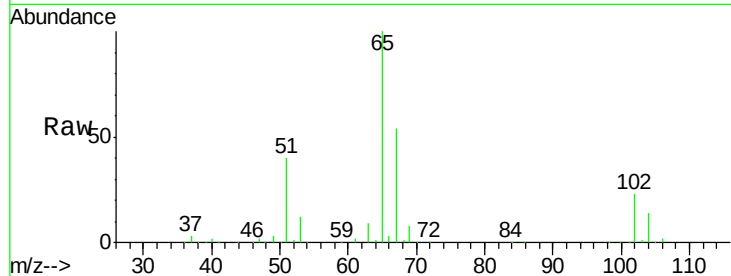
#33
 1,2-Dichloroethane-d4
 Concen: 51.370 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. -0.00 min
 Lab File: VX007900.D
 Acq: 07 Mar 2019 23:24

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0307WBS02

Tot Ion	Ratio	Lower	Upper
65	100		
67	54.4	0.0	110.0

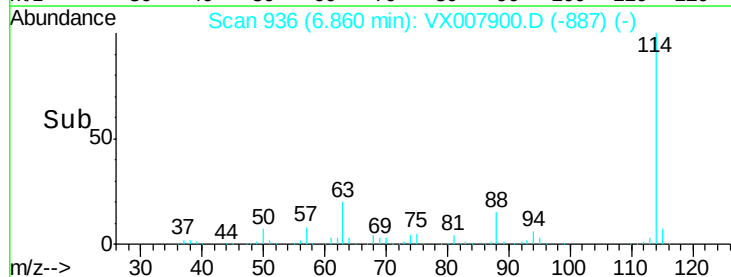
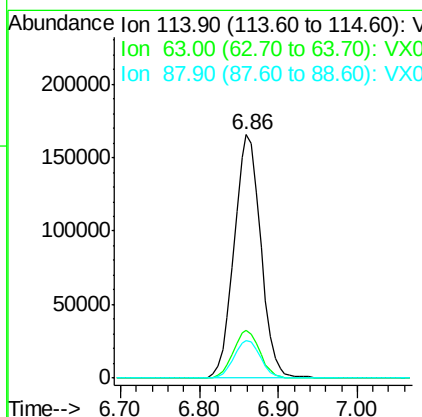
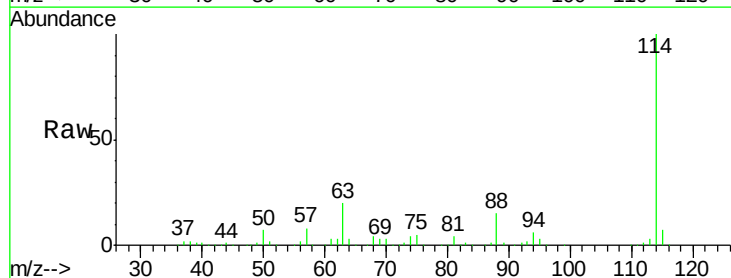
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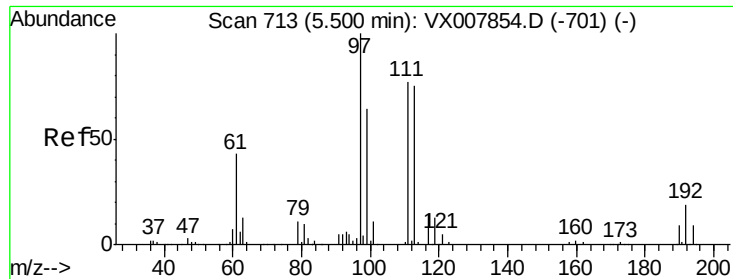
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX007900.D
 Acq: 07 Mar 2019 23:24

Tgt Ion	Ratio	Lower	Upper
114	100		
63	19.7	0.0	39.8
88	15.4	0.0	31.4





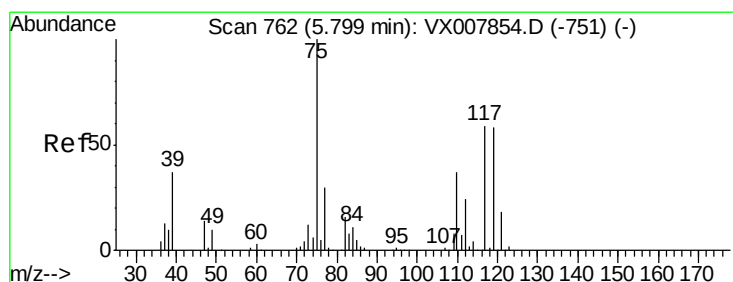
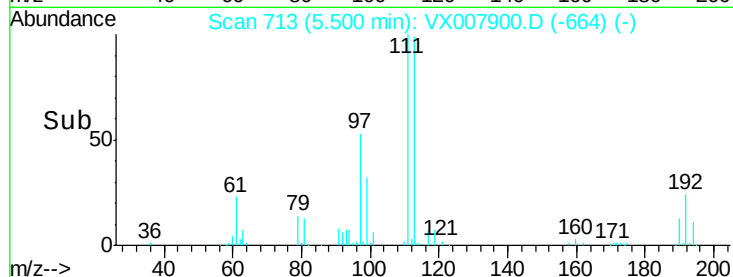
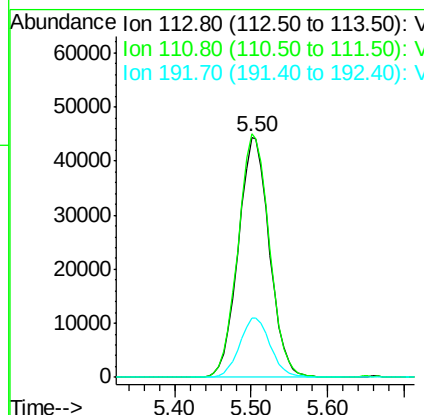
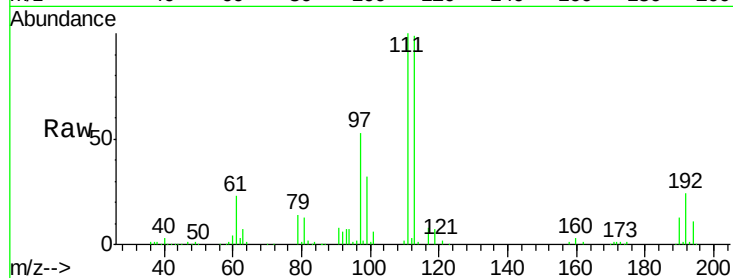
#35
 Dibromofluoromethane
 Concen: 50.261 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. -0.00 min
 Lab File: VX007900.D
 Acq: 07 Mar 2019 23:24

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0307WBS02

Tot Ion	Ratio	Resp	Lower	Upper
113	100	125155		
111	102.2	81.4	122.0	
192	24.5	19.4	29.0	

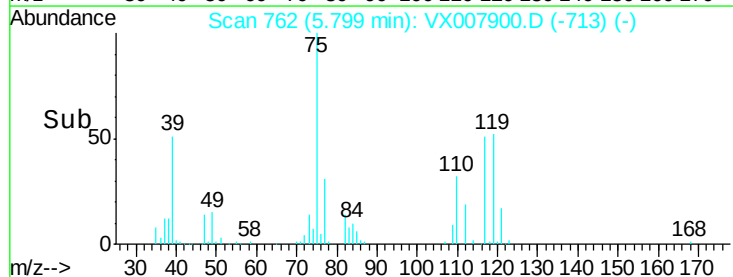
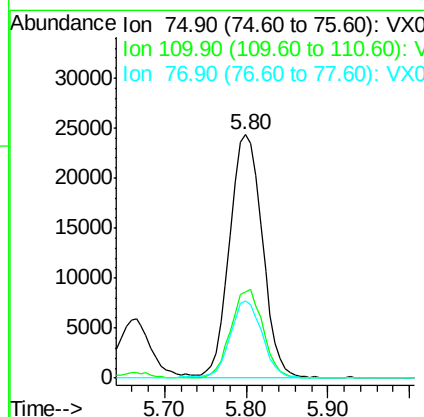
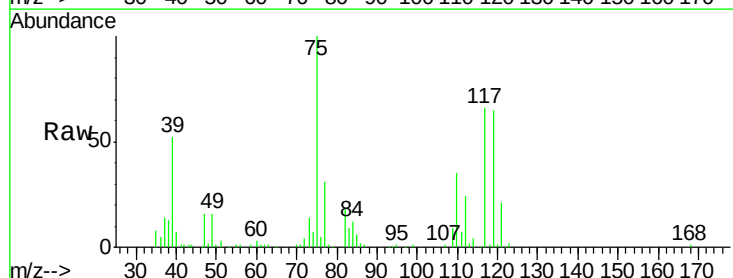
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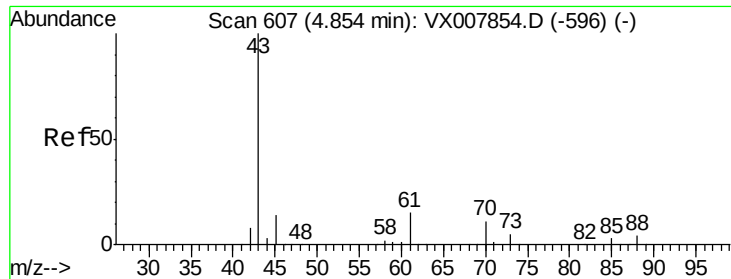
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#36
 1,1-Dichloropropene
 Concen: 19.285 ug/l
 RT: 5.80 min Scan# 762
 Delta R.T. -0.00 min
 Lab File: VX007900.D
 Acq: 07 Mar 2019 23:24

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	67976		
110	35.7	18.4	55.0	
77	30.7	25.0	37.4	





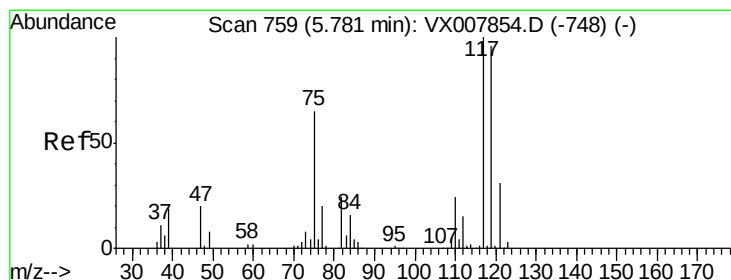
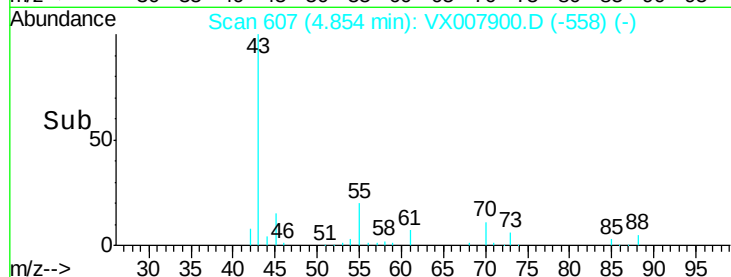
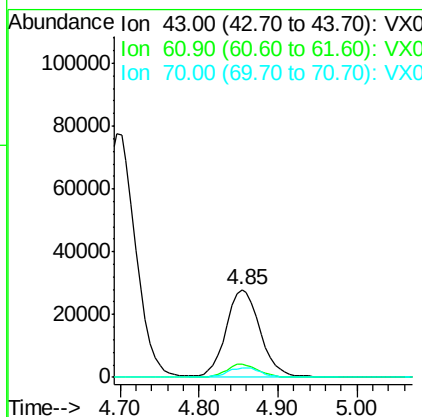
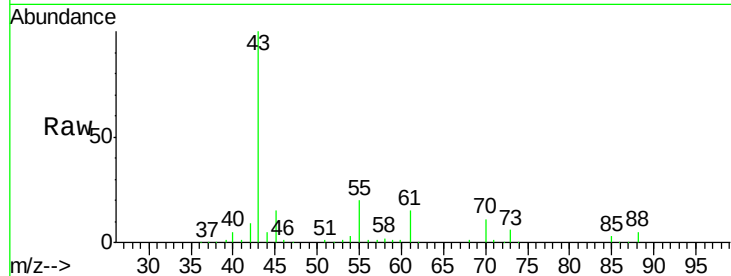
#37
Ethyl Acetate
Concen: 19.843 ug/l
RT: 4.85 min Scan# 607
Delta R.T. -0.00 min
Lab File: VX007900.D
Acq: 07 Mar 2019 23:24

Instrument :
MSVOA_X
ClientSampleId :
VX0307WBS02

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.4	11.3	16.9
70	11.1	8.5	12.7

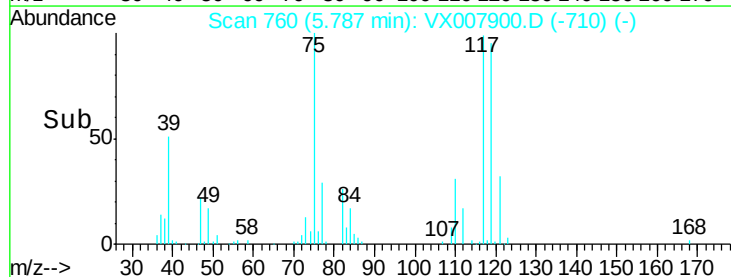
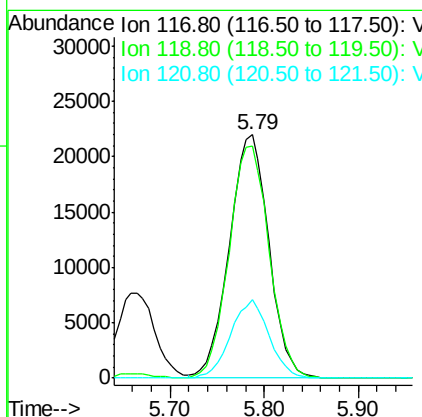
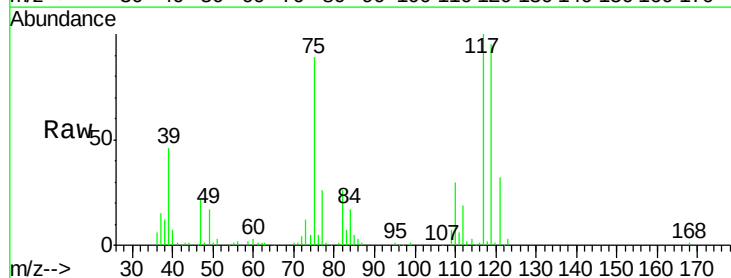
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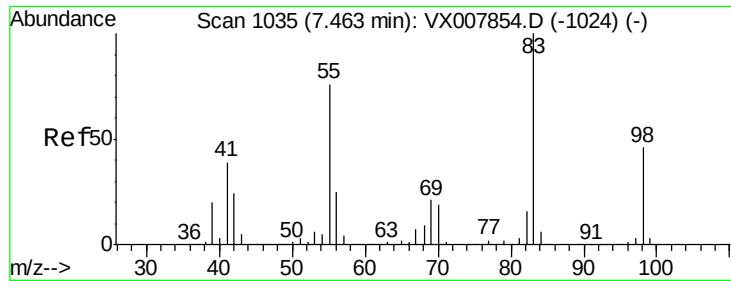
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#38
Carbon Tetrachloride
Concen: 19.208 ug/l
RT: 5.79 min Scan# 760
Delta R.T. 0.01 min
Lab File: VX007900.D
Acq: 07 Mar 2019 23:24

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.5	76.2	114.2
121	32.2	24.6	36.8





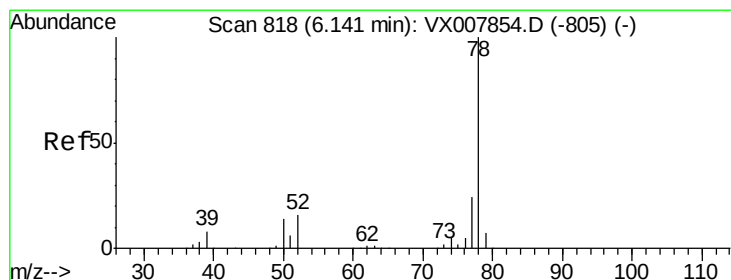
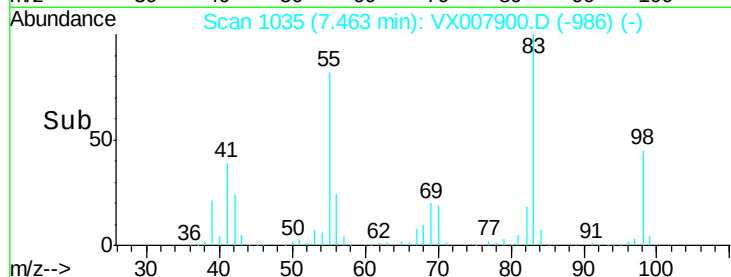
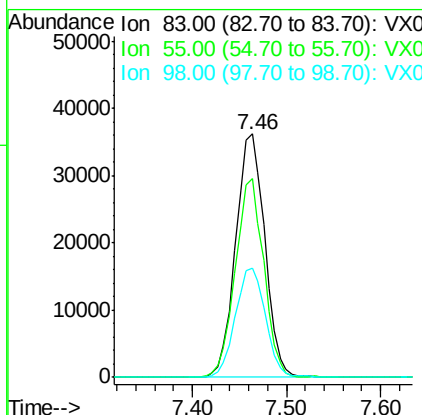
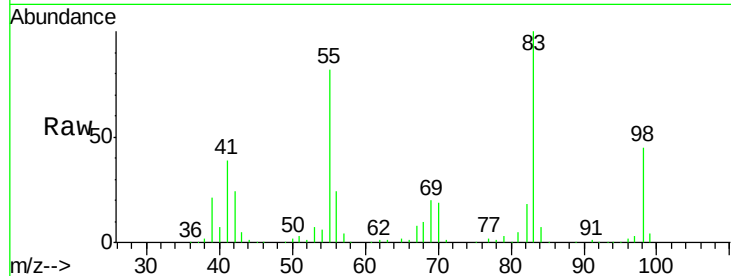
#39
Methylvlcyclohexane
Concen: 18.348 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. -0.00 min
Lab File: VX007900.D
Acq: 07 Mar 2019 23:24

Instrument :
MSVOA_X
ClientSampleId :
VX0307WBS02

Tot Ion	Ratio	Lower	Upper
83	100		
55	81.6	60.4	90.6
98	44.9	36.5	54.7

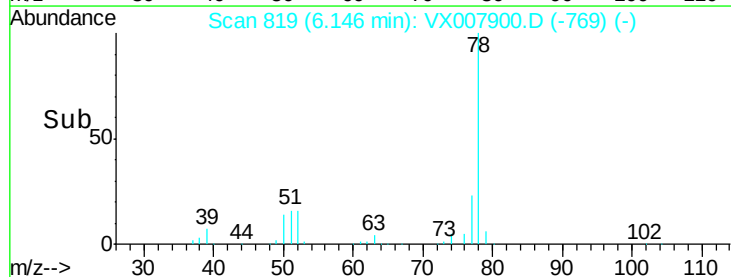
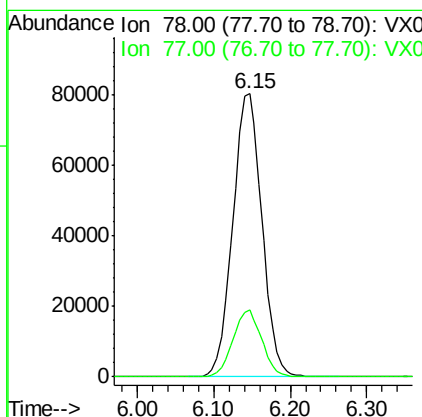
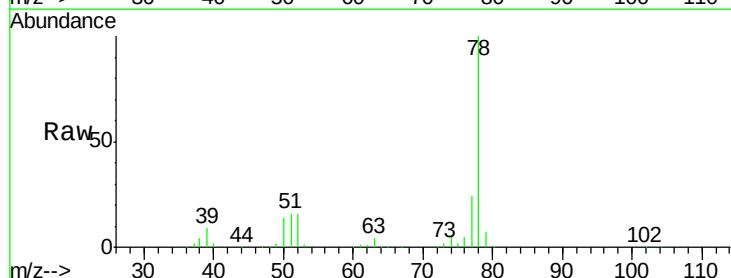
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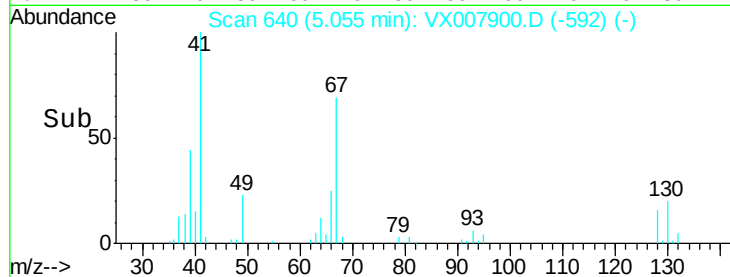
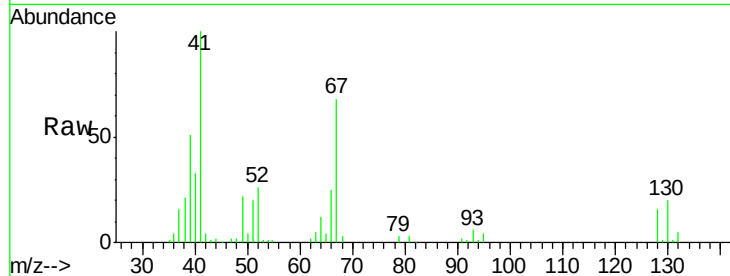
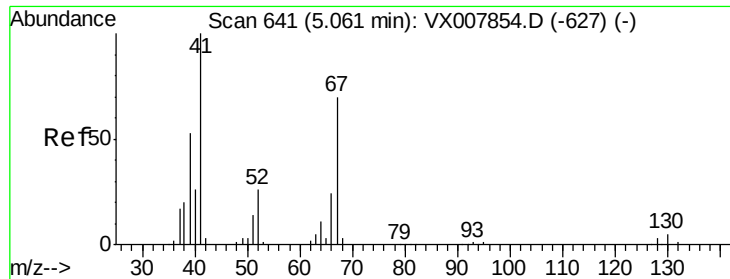
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#40
Benzene
Concen: 20.160 ug/l
RT: 6.15 min Scan# 819
Delta R.T. 0.01 min
Lab File: VX007900.D
Acq: 07 Mar 2019 23:24

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.9	19.0	28.4





#41

Methacrylonitrile

Concen: 20.404 ug/l

RT: 5.06 min Scan# 640

Delta R.T. -0.01 min

Lab File: VX007900.D

Acq: 07 Mar 2019 23:24

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	51.8	41.6	62.4	
67	69.9	55.8	83.6	
52	27.7	21.7	32.5	

Instrument :

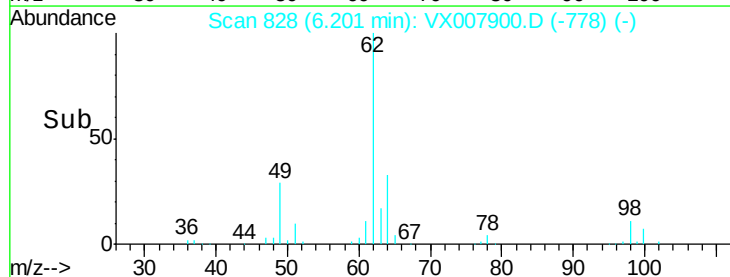
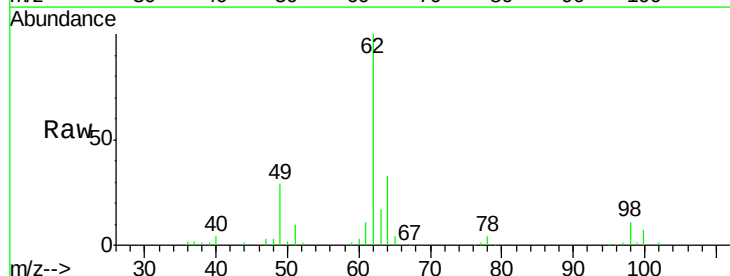
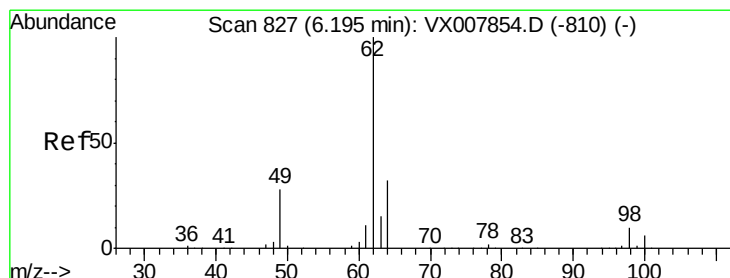
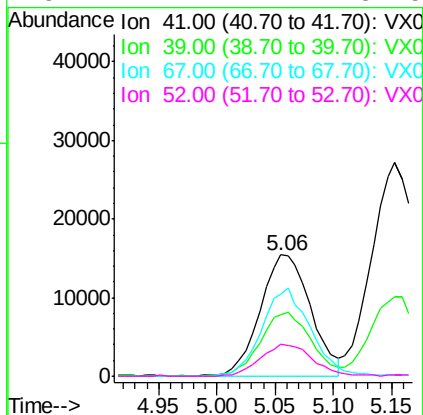
MSVOA_X

ClientSampleId :

VX0307WBS02

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#42

1,2-Dichloroethane

Concen: 20.274 ug/l

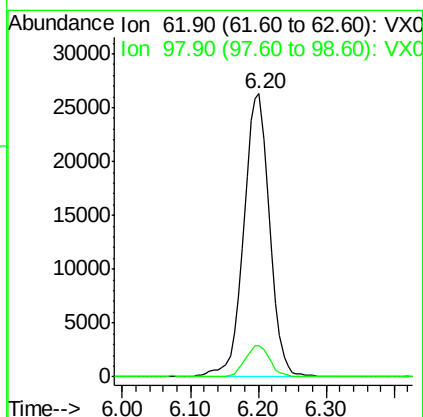
RT: 6.20 min Scan# 828

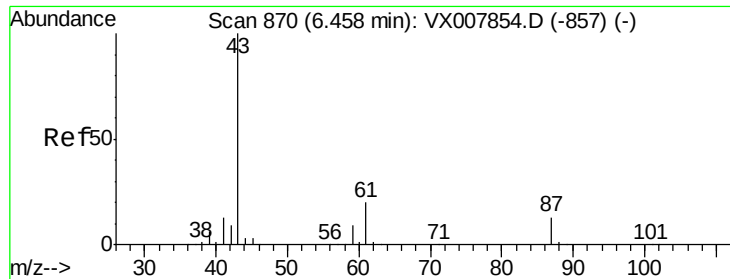
Delta R.T. 0.01 min

Lab File: VX007900.D

Acq: 07 Mar 2019 23:24

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	10.6	0.0	20.4	





#43

Isopropyl Acetate

Concen: 20.144 ug/l

RT: 6.46 min Scan# 870

Delta R.T. -0.00 min

Lab File: VX007900.D

Acq: 07 Mar 2019 23:24

Instrument :

MSVOA_X

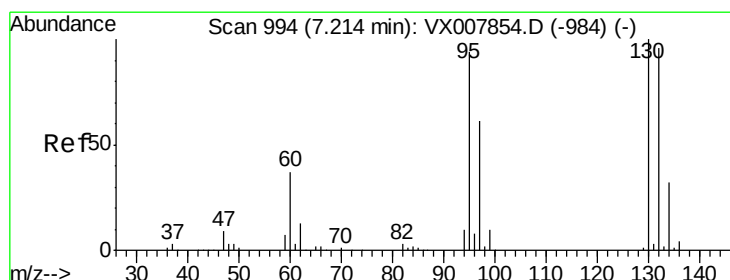
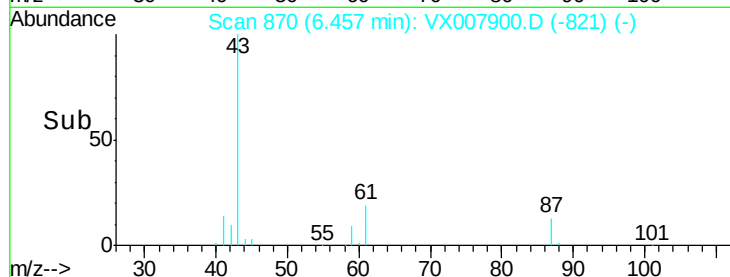
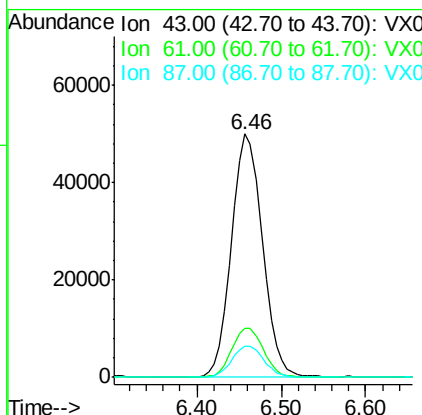
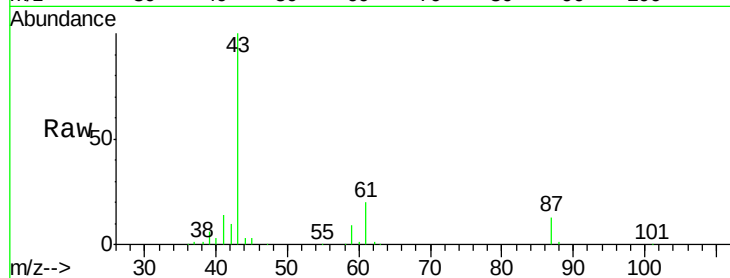
ClientSampleId :

VX0307WBS02

Tot Ion:	43	Resp:	124702
Ion	Ratio	Lower	Upper
43	100		
61	20.6	16.3	24.5
87	13.1	10.5	15.7

Manual Integrations
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MMDadoda
3/8/2019 9:39:52 AM



#44

Trichloroethene

Concen: 19.495 ug/l

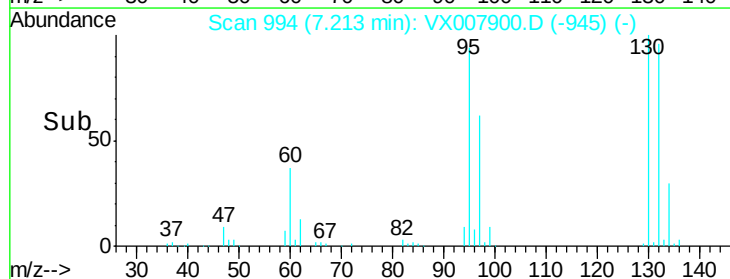
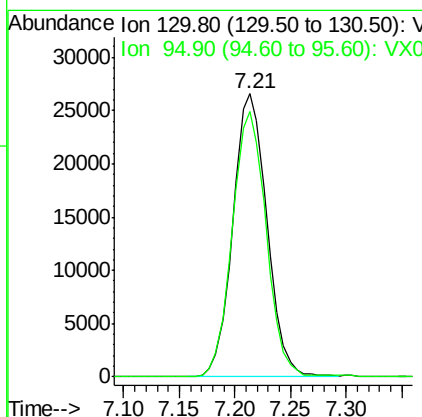
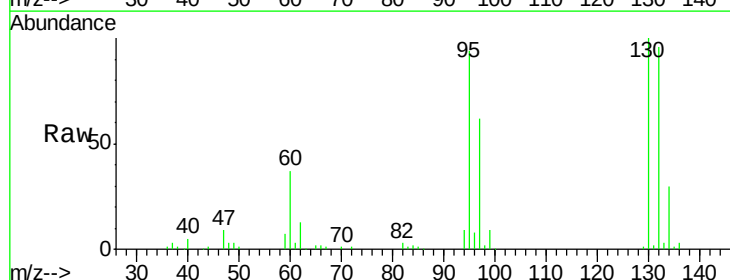
RT: 7.21 min Scan# 994

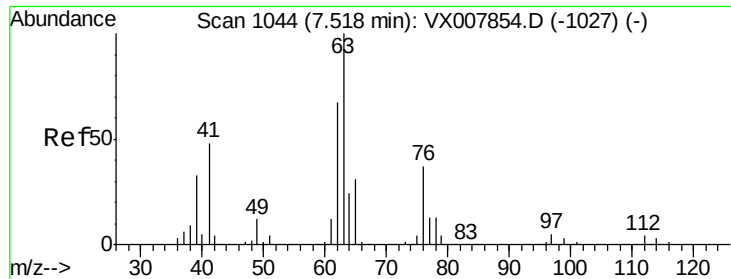
Delta R.T. -0.00 min

Lab File: VX007900.D

Acq: 07 Mar 2019 23:24

Tgt Ion:	130	Resp:	56376
Ion	Ratio	Lower	Upper
130	100		
95	94.0	0.0	188.0





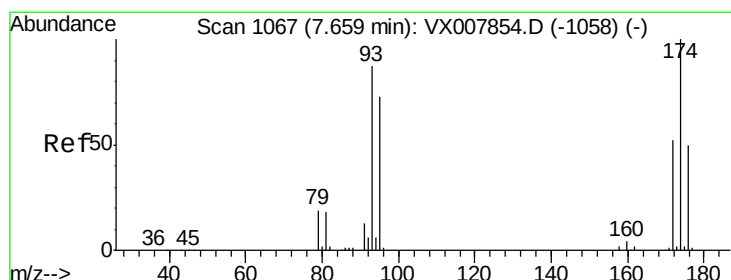
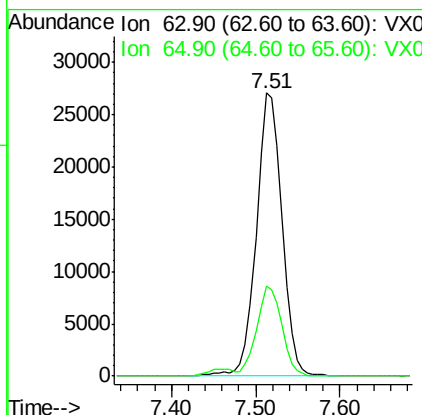
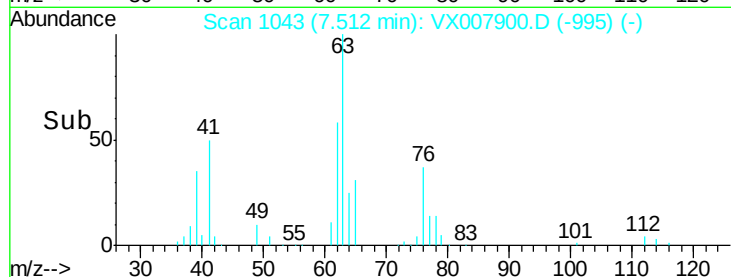
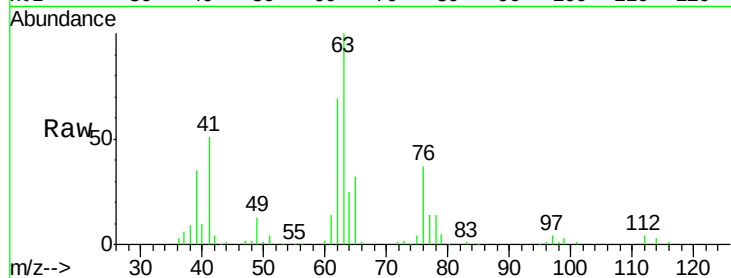
#45
 1,2-Dichloropropane
 Concen: 20.386 ug/l
 RT: 7.51 min Scan# 1043
 Delta R.T. -0.01 min
 Lab File: VX007900.D
 Acq: 07 Mar 2019 23:24

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0307WBS02

Tot Ion: 63 Resp: 56502
 Ion Ratio Lower Upper
 63 100
 65 31.9 24.7 37.1

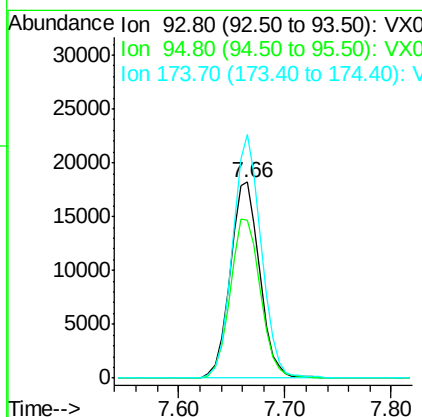
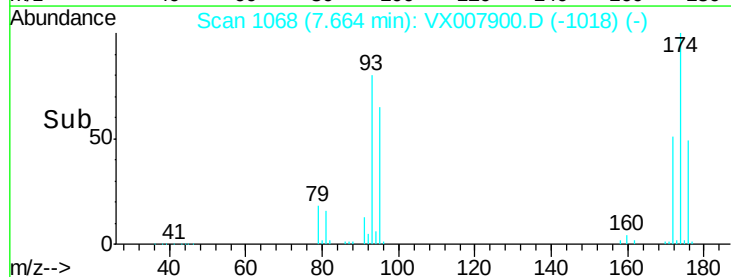
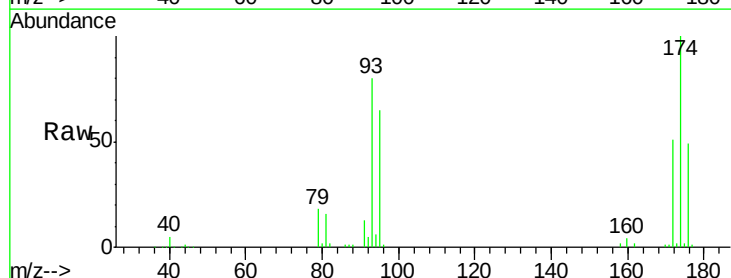
Manual Integrations
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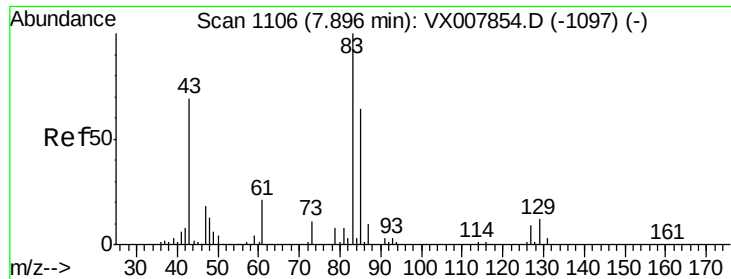
MMDadoda
 3/8/2019 9:39:52 AM



#46
 Dibromomethane
 Concen: 20.109 ug/l
 RT: 7.66 min Scan# 1068
 Delta R.T. 0.01 min
 Lab File: VX007900.D
 Acq: 07 Mar 2019 23:24

Tgt Ion: 93 Resp: 35272
 Ion Ratio Lower Upper
 93 100
 95 83.4 66.8 100.2
 174 121.2 97.3 145.9





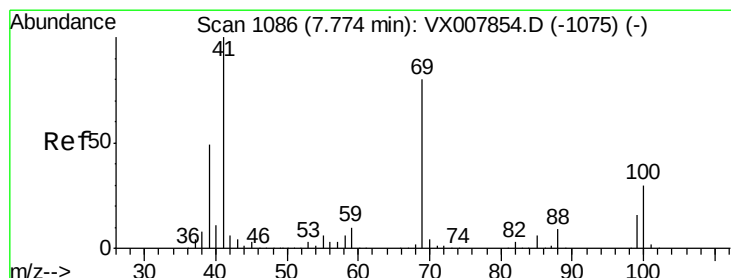
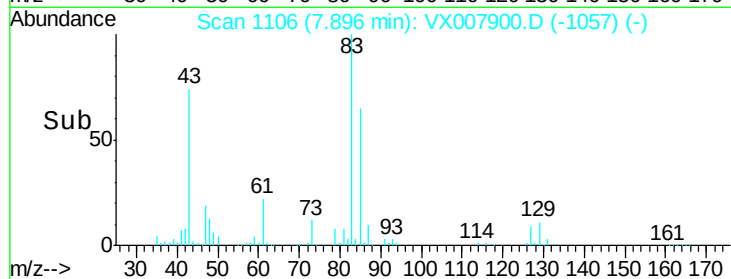
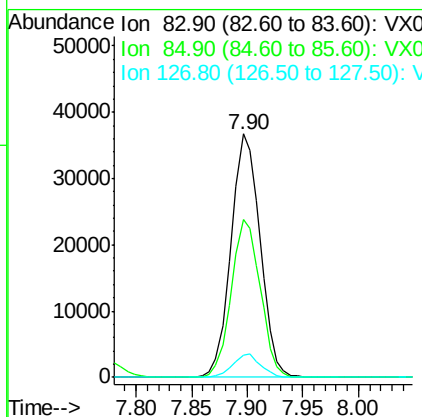
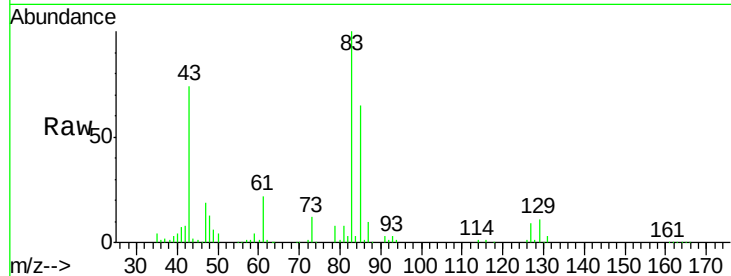
#47
Bromodichloromethane
Concen: 19.982 ug/l
RT: 7.90 min Scan# 1106
Delta R.T. -0.00 min
Lab File: VX007900.D
Acq: 07 Mar 2019 23:24

Instrument :
MSVOA_X
ClientSampleId :
VX0307WBS02

Tot Ion	83	Resp	66451
Ion Ratio	100	Lower	Upper
83	100		
85	64.8	50.9	76.3
127	8.9	7.4	11.0

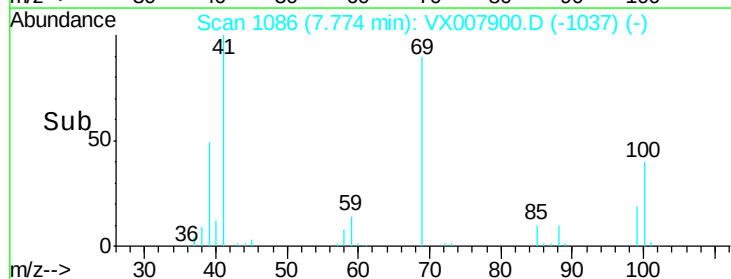
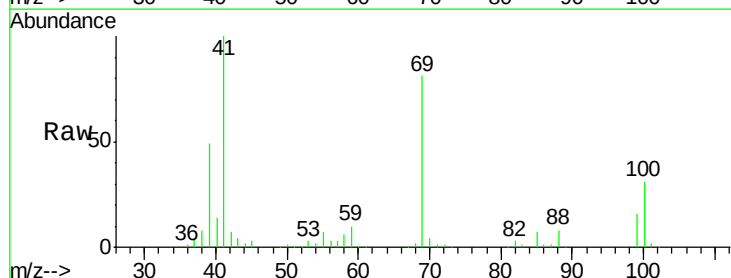
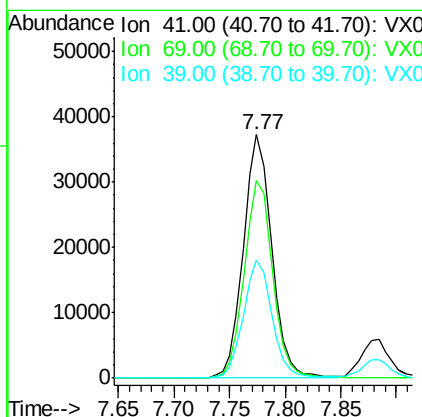
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APPROVED

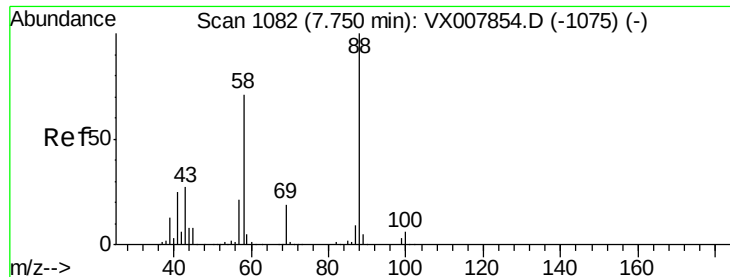
MMDadoda
3/8/2019 9:39:52 AM



#48
Methyl methacrylate
Concen: 20.450 ug/l
RT: 7.77 min Scan# 1086
Delta R.T. -0.00 min
Lab File: VX007900.D
Acq: 07 Mar 2019 23:24

Tgt Ion	41	Resp	66560
Ion Ratio	100	Lower	Upper
41	100		
69	81.6	65.2	97.8
39	49.0	39.4	59.2





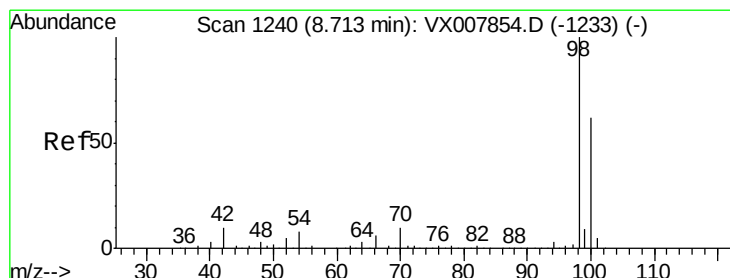
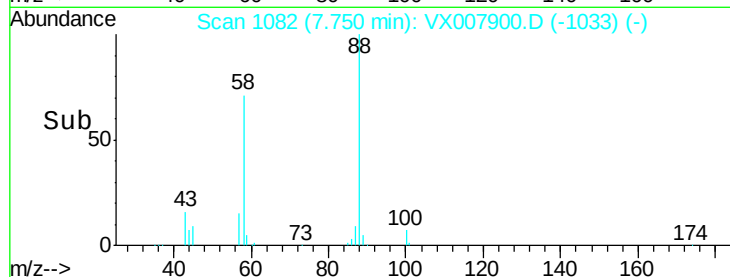
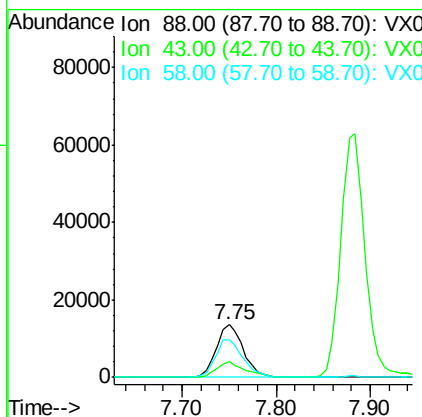
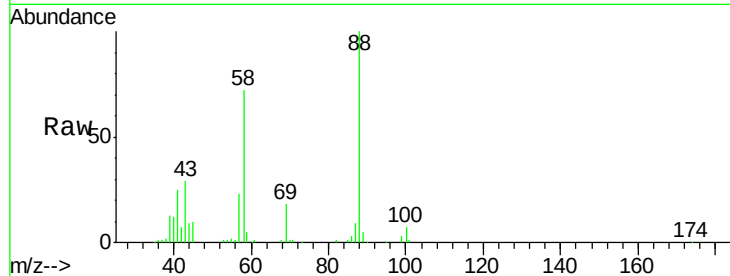
#49
1,4-Dioxane
Concen: 403.321 ug/l
RT: 7.75 min Scan# 1082
Delta R.T. -0.00 min
Lab File: VX007900.D
Acq: 07 Mar 2019 23:24

Instrument :
MSVOA_X
ClientSampleId :
VX0307WBS02

Tot Ion	Ratio	Lower	Upper
88	100		
43	32.2	25.1	37.7
58	73.9	57.8	86.6

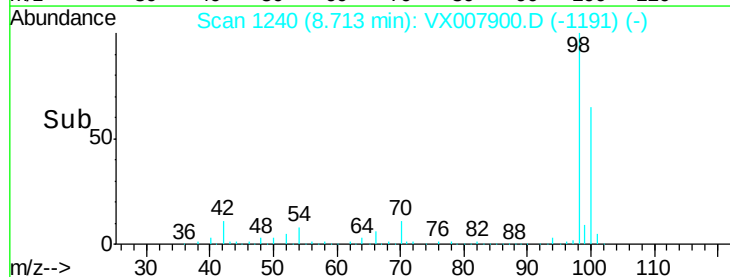
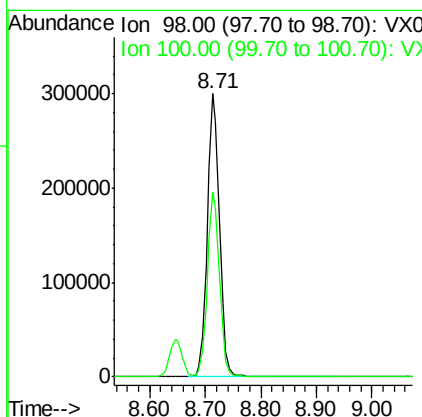
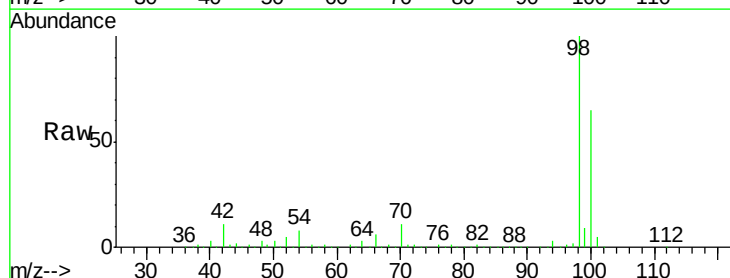
Manual Integrations
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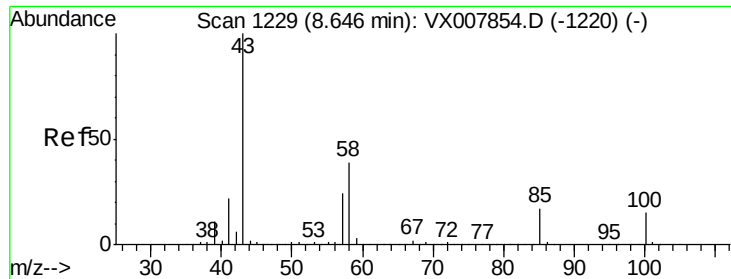
MMDadoda
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#50
Toluene-d8
Concen: 50.910 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX007900.D
Acq: 07 Mar 2019 23:24

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.2	51.7	77.5





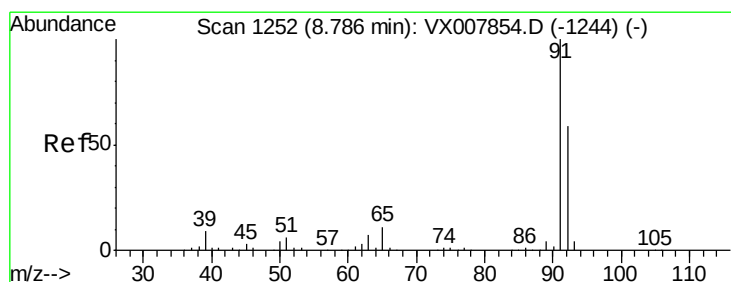
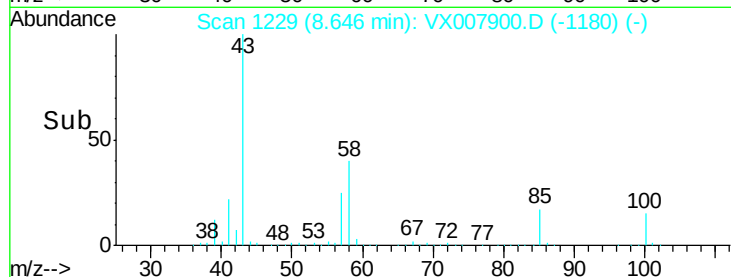
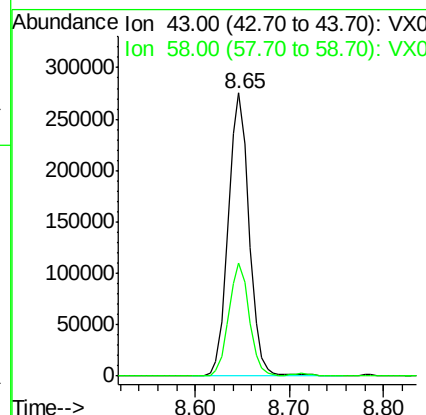
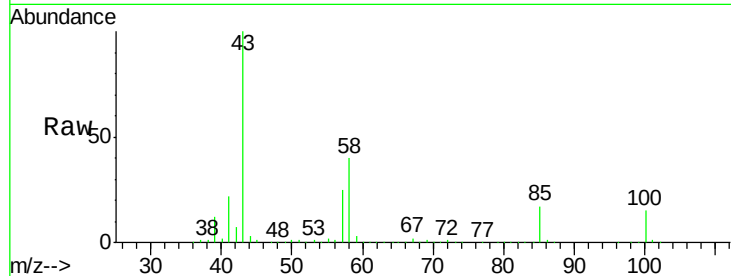
#51
4-Methyl-2-Pentanone
Concen: 106.138 ug/l
RT: 8.65 min Scan# 1229
Delta R.T. -0.00 min
Lab File: VX007900.D
Acq: 07 Mar 2019 23:24

Instrument :
MSVOA_X
ClientSampleId :
VX0307WBS02

Tot Ion	Ratio	Lower	Upper
43	100		
58	39.0	31.3	46.9

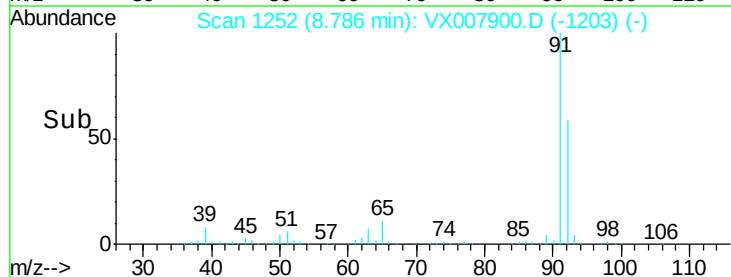
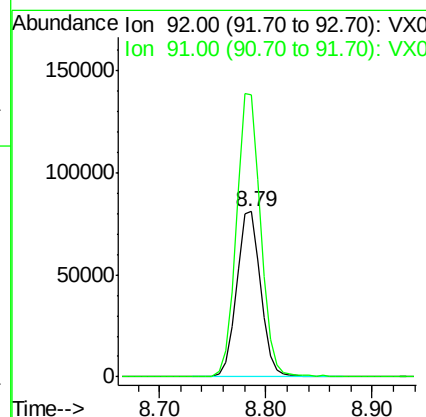
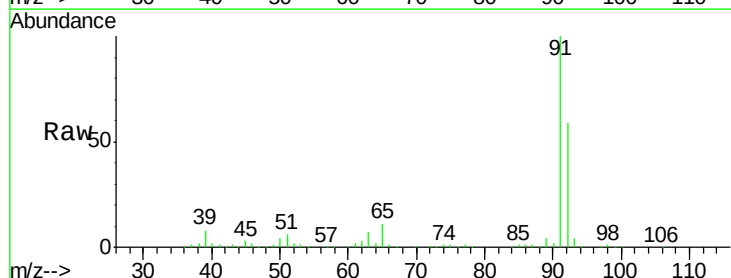
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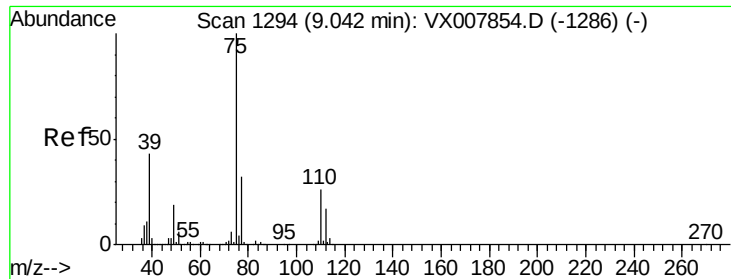
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#52
Toluene
Concen: 20.146 ug/l
RT: 8.79 min Scan# 1252
Delta R.T. -0.00 min
Lab File: VX007900.D
Acq: 07 Mar 2019 23:24

Tgt Ion	Ratio	Lower	Upper
92	100		
91	172.5	137.4	206.0





#53

t-1,3-Dichloropropene

Concen: 19.005 ug/l

RT: 9.04 min Scan# 1294

Delta R.T. -0.00 min

Lab File: VX007900.D

Acq: 07 Mar 2019 23:24

Tot Ion: 75 Resp: 65966

Ion Ratio Lower Upper

75 100

77 32.5 25.4 38.0

Instrument :

MSVOA_X

ClientSampled :

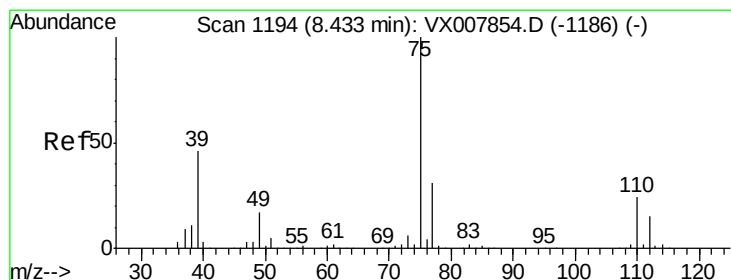
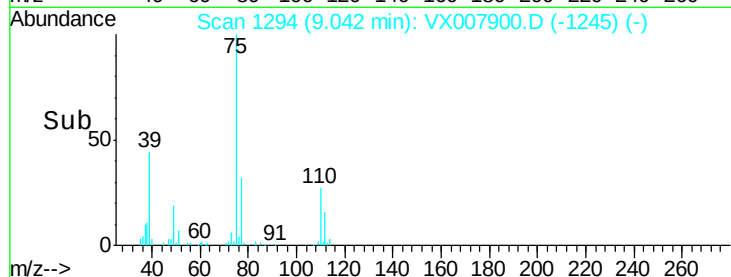
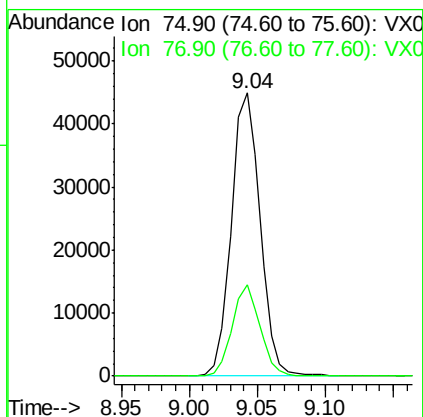
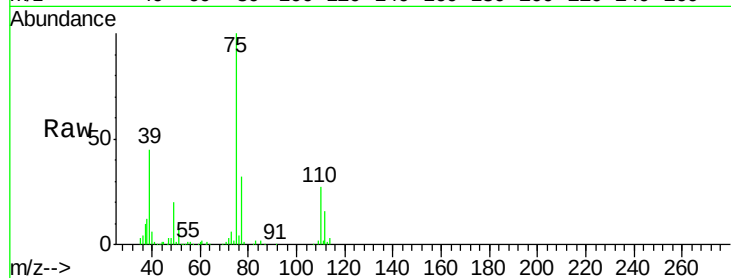
VX0307WBS02

Manual Integrations

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#54

cis-1,3-Dichloropropene

Concen: 19.205 ug/l

RT: 8.43 min Scan# 1194

Delta R.T. -0.00 min

Lab File: VX007900.D

Acq: 07 Mar 2019 23:24

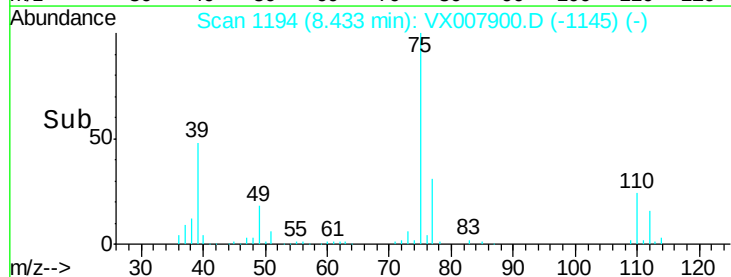
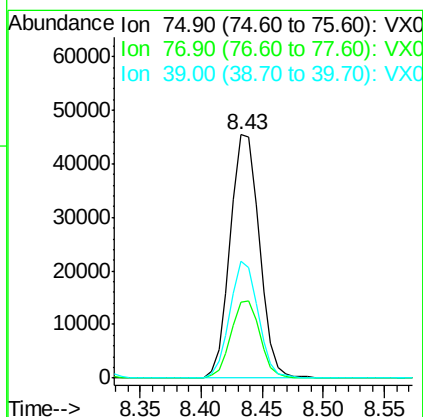
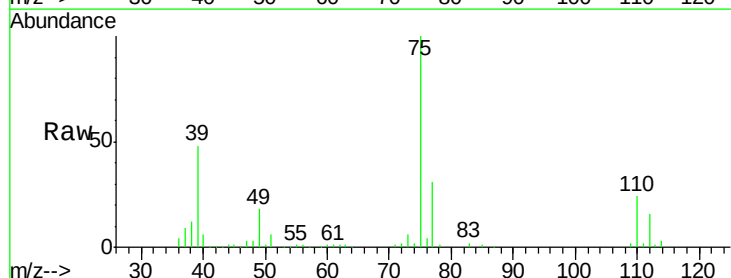
Tgt Ion: 75 Resp: 75275

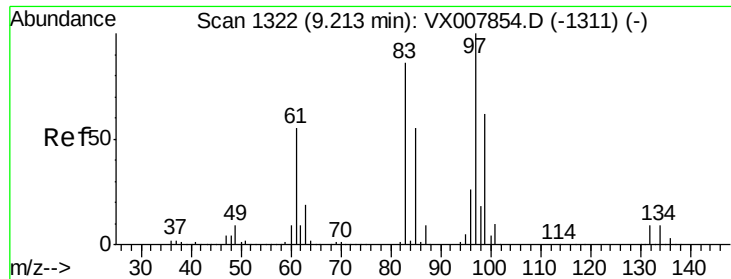
Ion Ratio Lower Upper

75 100

77 31.0 25.0 37.6

39 47.8 36.6 54.8





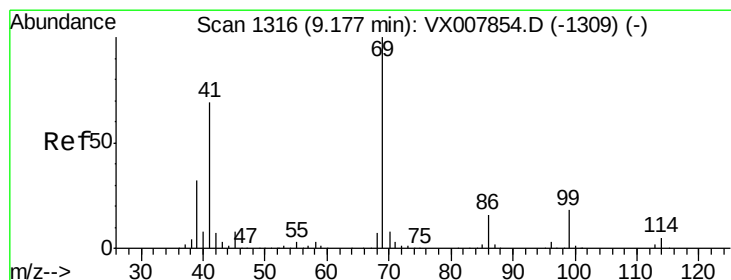
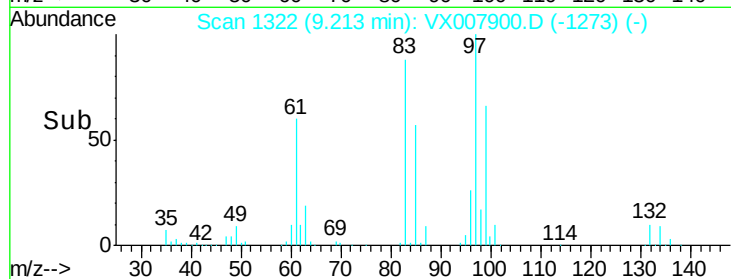
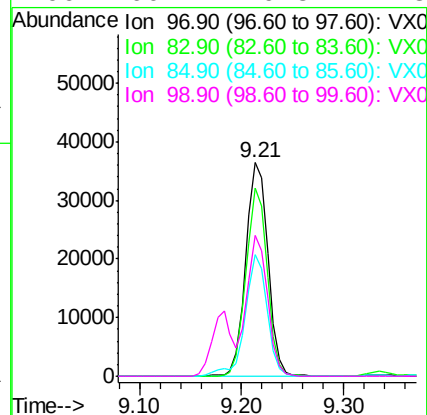
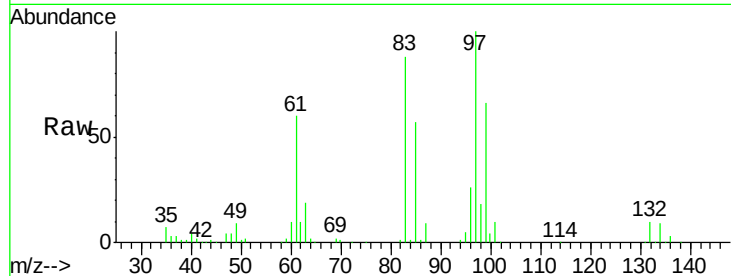
#55
 1,1,2-Trichloroethane
 Concen: 21.141 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. -0.00 min
 Lab File: VX007900.D
 Acq: 07 Mar 2019 23:24

Instrument :
 MSVOA_X
 ClientSampled :
 VX0307WBS02

Tot Ion	Ratio	Lower	Upper
97	100		
83	87.9	69.1	103.7
85	57.2	44.3	66.5
99	66.1	49.8	74.8

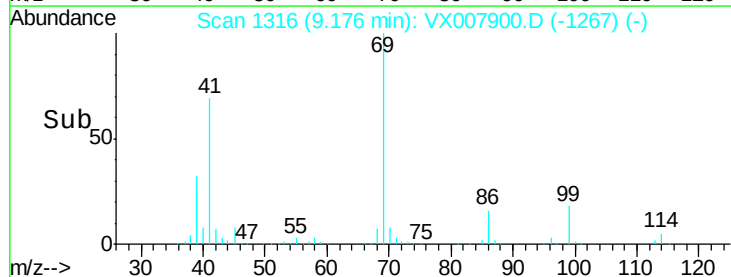
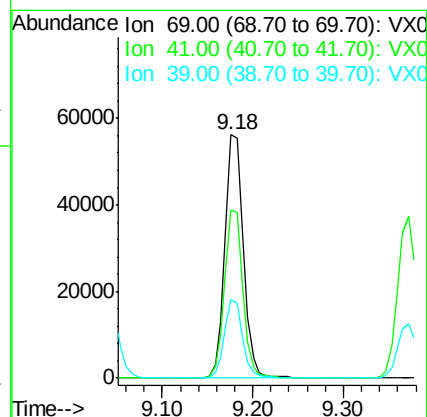
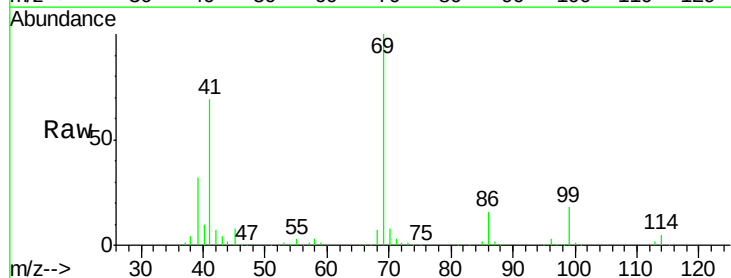
Manual Integrations
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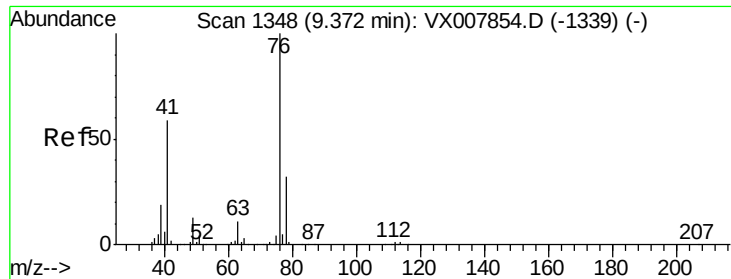
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#56
 Ethyl methacrylate
 Concen: 20.710 ug/l
 RT: 9.18 min Scan# 1316
 Delta R.T. -0.00 min
 Lab File: VX007900.D
 Acq: 07 Mar 2019 23:24

Tgt Ion	Ratio	Lower	Upper
69	100		
41	68.8	54.2	81.4
39	31.4	25.0	37.4





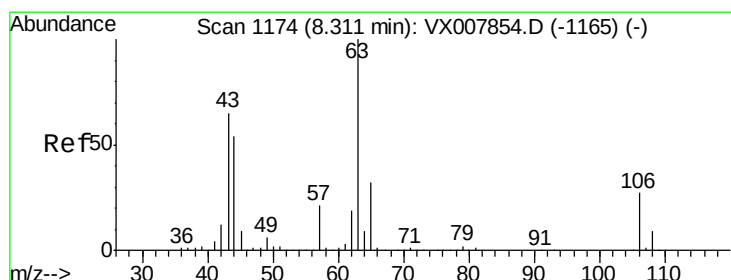
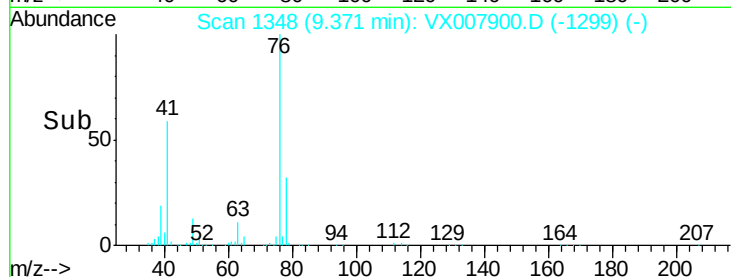
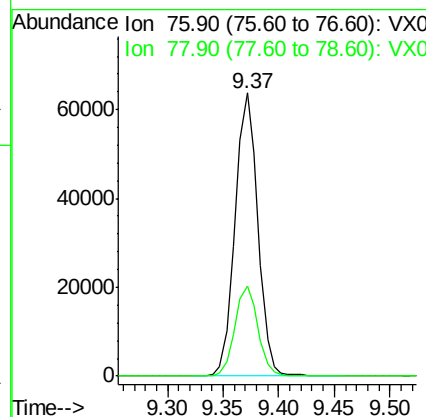
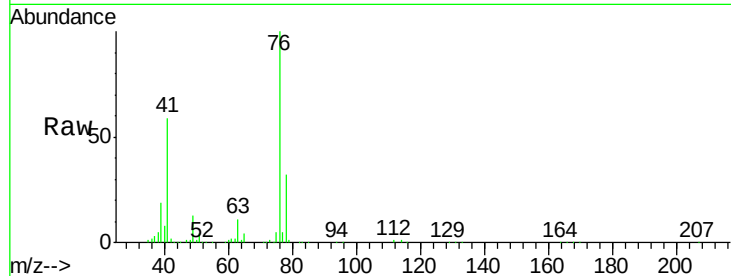
#57
 1,3-Dichloropropane
 Concen: 20.727 ug/l
 RT: 9.37 min Scan# 1348
 Delta R.T. -0.00 min
 Lab File: VX007900.D
 Acq: 07 Mar 2019 23:24

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0307WBS02

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.3	25.5	38.3

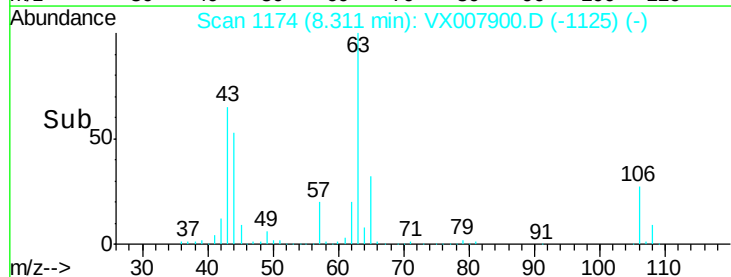
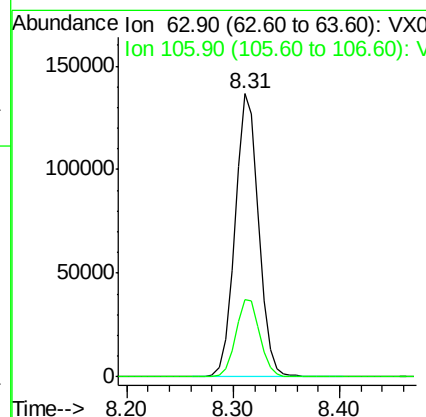
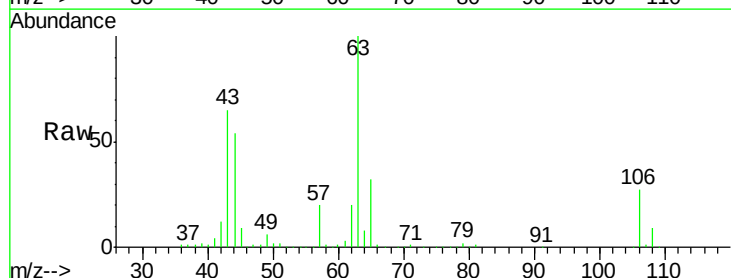
Manual Integrations
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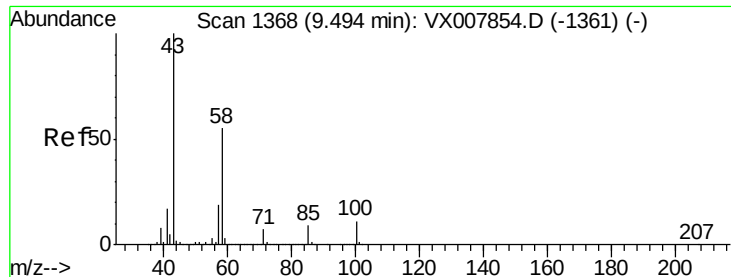
MMDadoda
 3/8/2019 9:39:52 AM



#58
 2-Chloroethyl Vinyl ether
 Concen: 105.150 ug/l
 RT: 8.31 min Scan# 1174
 Delta R.T. -0.00 min
 Lab File: VX007900.D
 Acq: 07 Mar 2019 23:24

Tgt Ion	Ratio	Lower	Upper
63	100		
106	27.8	22.2	33.2





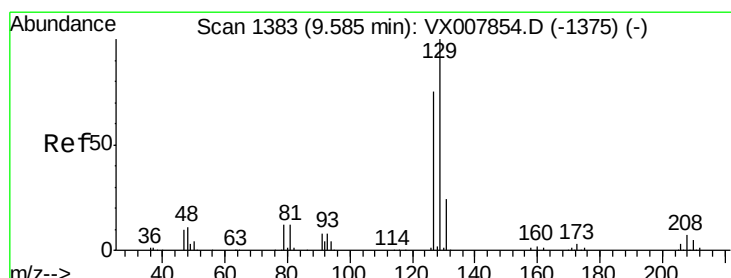
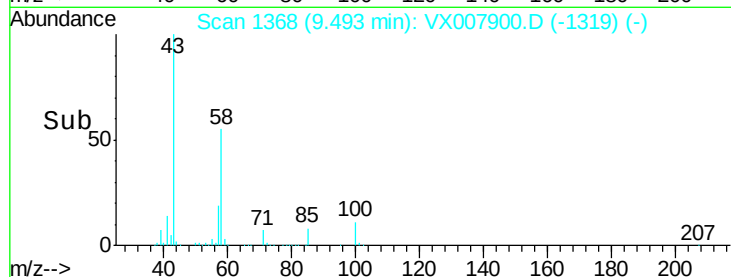
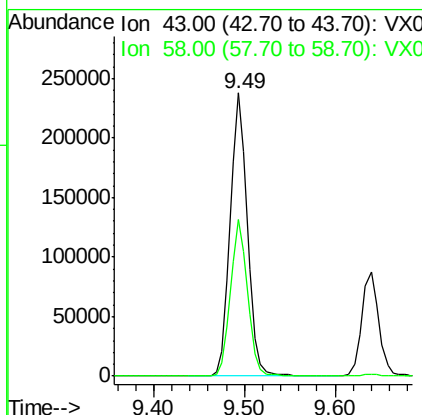
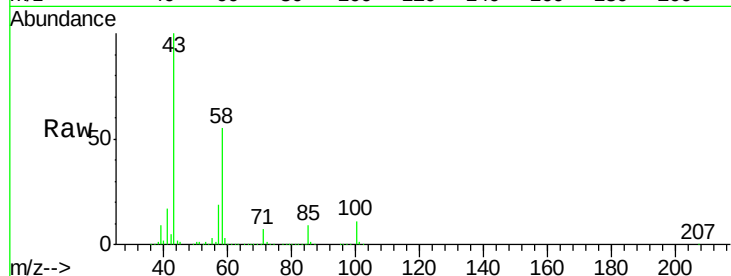
#59
2-Hexanone
Concen: 101.789 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. -0.00 min
Lab File: VX007900.D
Acq: 07 Mar 2019 23:24

Instrument :
MSVOA_X
ClientSampleId :
VX0307WBS02

Tot Ion: 43 Resp: 314620
Ion Ratio Lower Upper
43 100
58 54.7 27.6 82.7

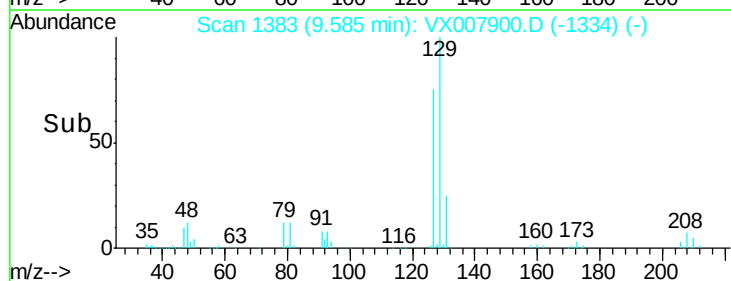
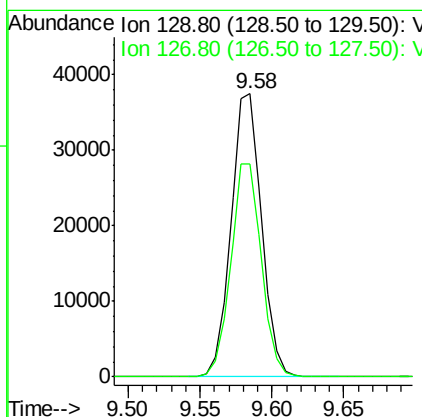
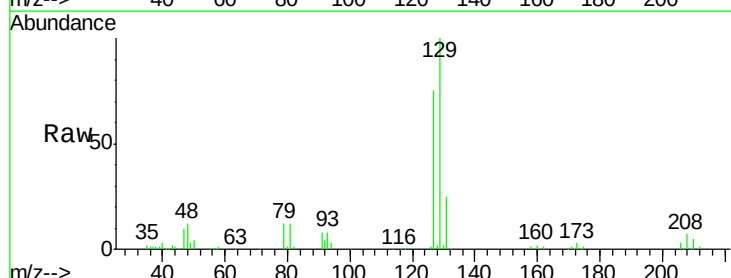
Manual Integrations
APPROVED

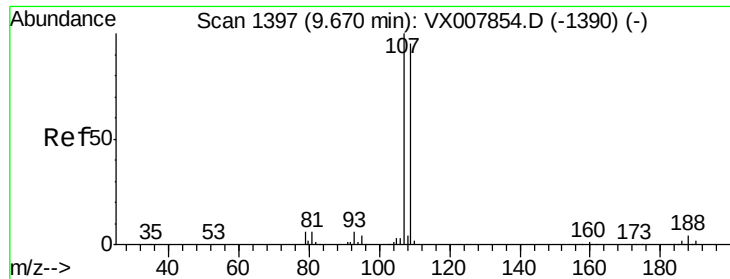
MMDadoda
3/8/2019 9:39:52 AM



#60
Dibromochloromethane
Concen: 20.437 ug/l
RT: 9.58 min Scan# 1383
Delta R.T. -0.00 min
Lab File: VX007900.D
Acq: 07 Mar 2019 23:24

Tgt Ion: 129 Resp: 55402
Ion Ratio Lower Upper
129 100
127 75.5 38.3 114.8





#61

1,2-Dibromoethane

Concen: 20.456 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX007900.D

Acq: 07 Mar 2019 23:24

Instrument :

MSVOA_X

ClientSampleId :

VX0307WBS02

Tot Ion:107 Resp: 56326

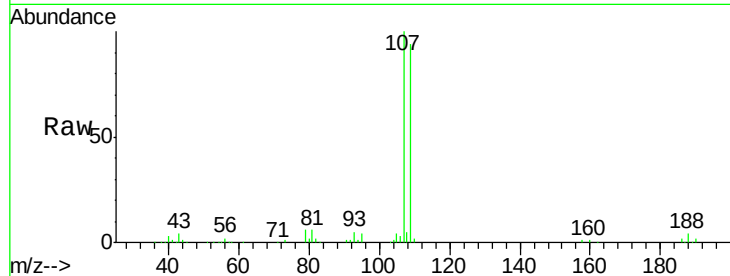
Ion Ratio Lower Upper

107 100

109 94.0 75.8 113.8

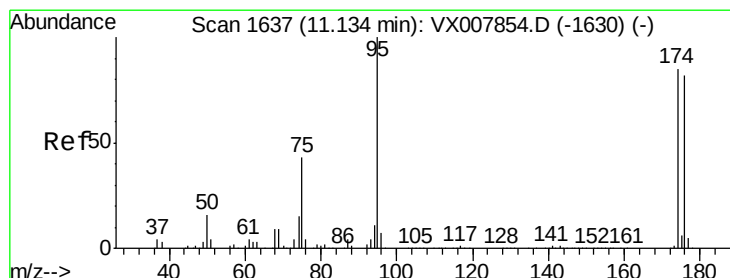
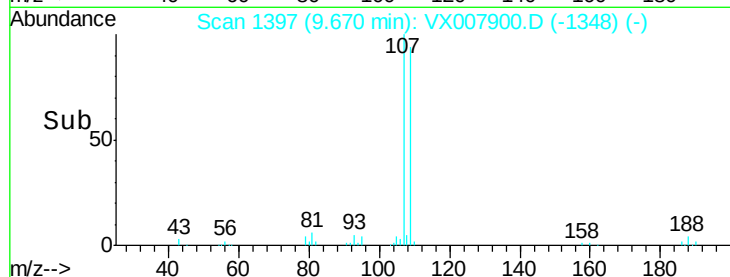
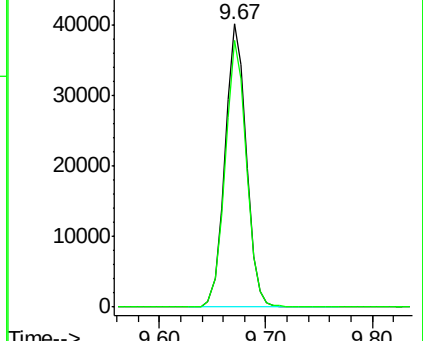
Manual Integrations
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Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 50.914 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX007900.D

Acq: 07 Mar 2019 23:24

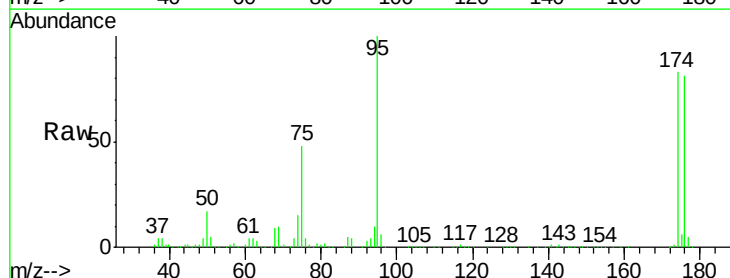
Tgt Ion: 95 Resp: 163245

Ion Ratio Lower Upper

95 100

174 91.1 0.0 182.8

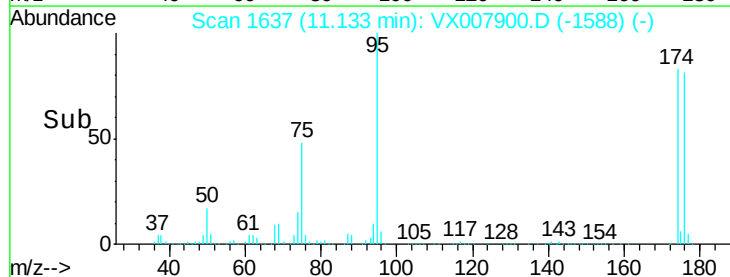
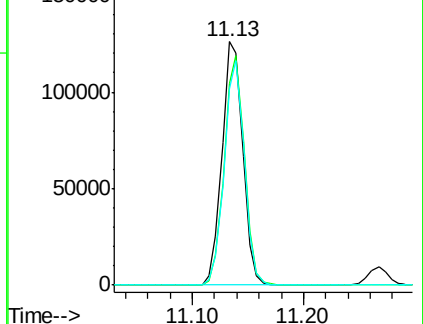
176 88.9 0.0 178.0

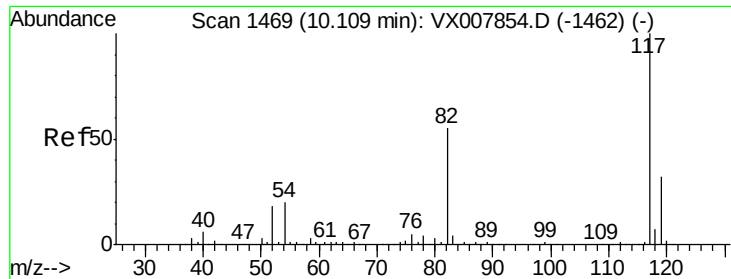


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





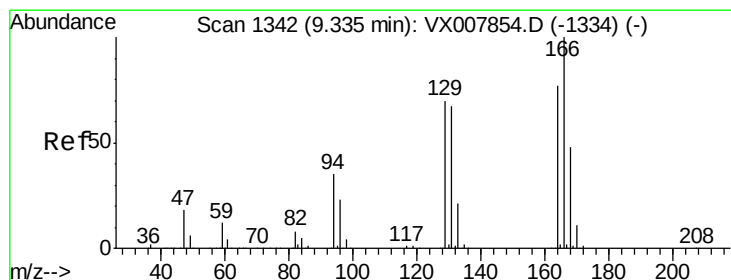
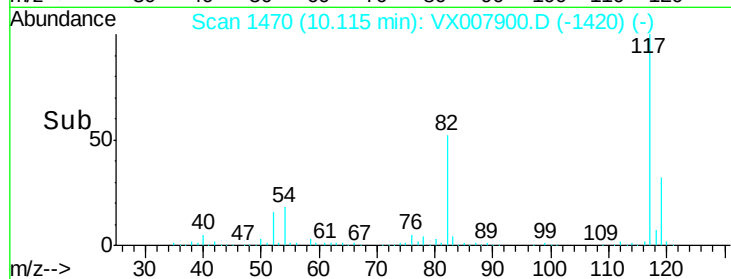
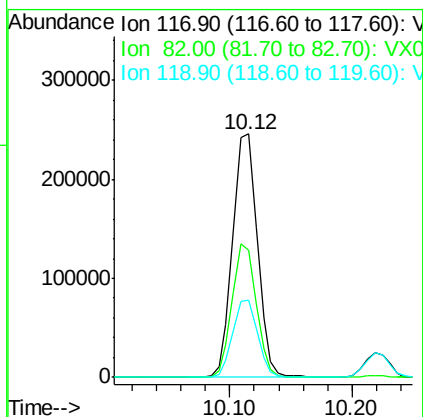
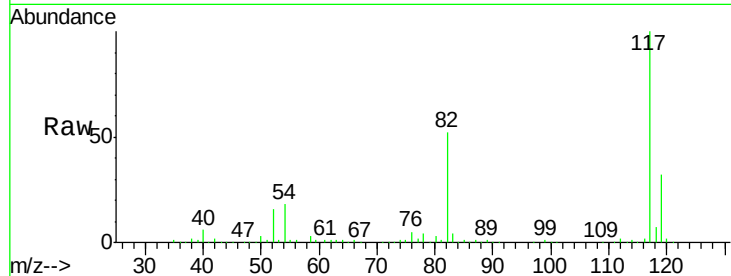
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.01 min
Lab File: VX007900.D
Acq: 07 Mar 2019 23:24

Instrument :
MSVOA_X
ClientSampleId :
VX0307WBS02

Tot Ion	Ratio	Lower	Upper
117	100		
82	52.0	44.3	66.5
119	31.9	25.3	37.9

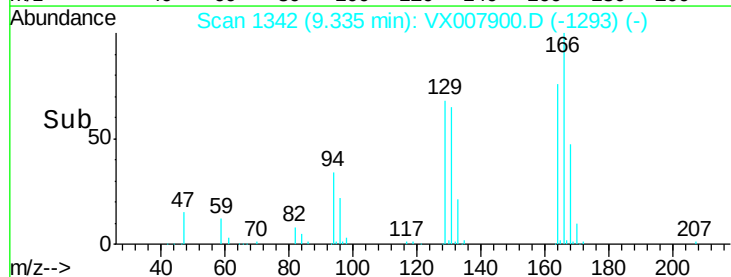
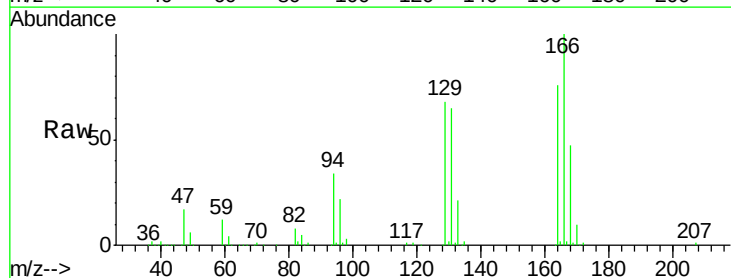
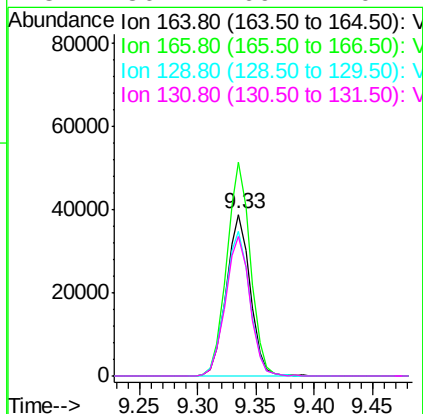
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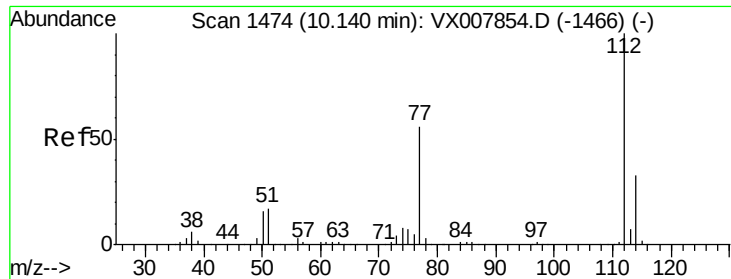
MMDadoda
3/8/2019 9:39:52 AM



#64
Tetrachloroethene
Concen: 19.374 ug/l
RT: 9.33 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX007900.D
Acq: 07 Mar 2019 23:24

Tgt Ion	Ratio	Lower	Upper
164	100		
166	132.4	103.4	155.0
129	89.6	72.2	108.4
131	86.7	69.4	104.2





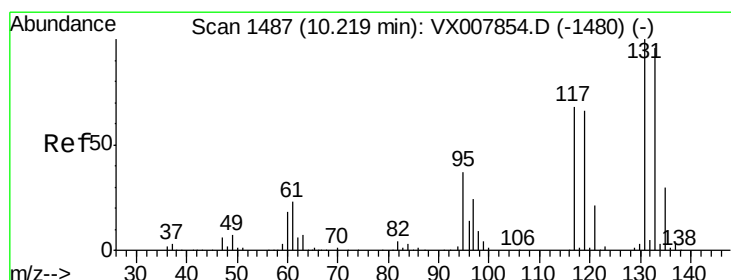
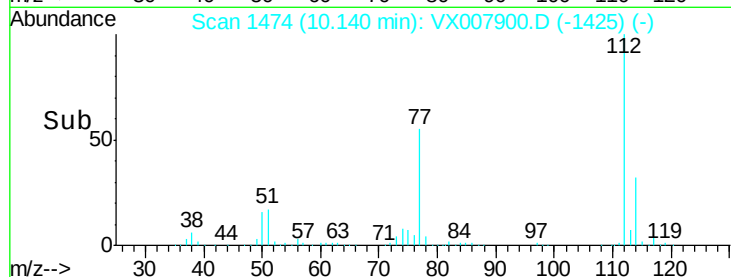
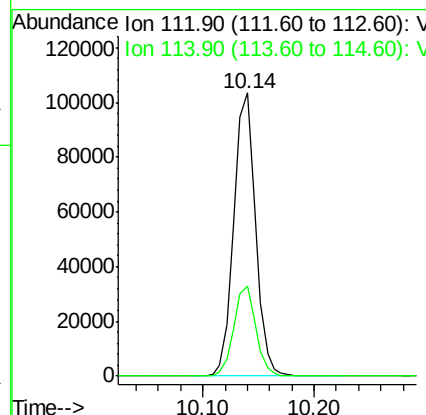
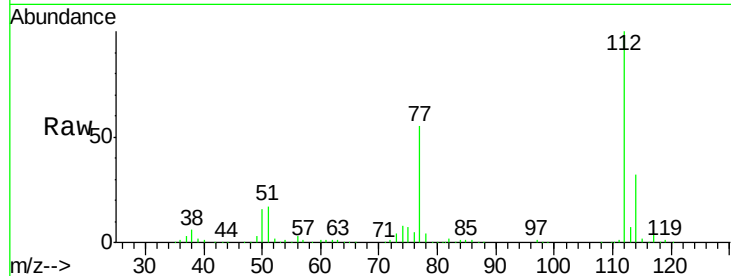
#65
Chlorobenzene
Concen: 19.461 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. -0.00 min
Lab File: VX007900.D
Acq: 07 Mar 2019 23:24

Instrument :
MSVOA_X
ClientSampled :
VX0307WBS02

Tot Ion:112 Resp: 140570
Ion Ratio Lower Upper
112 100
114 31.7 26.0 39.0

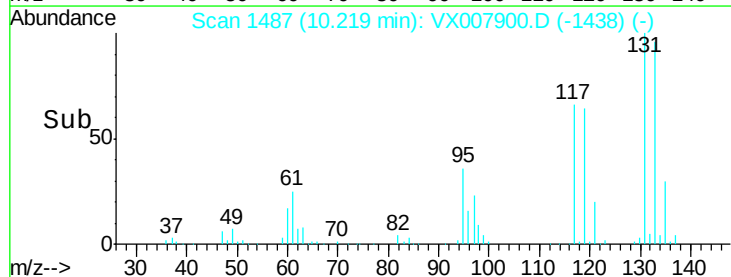
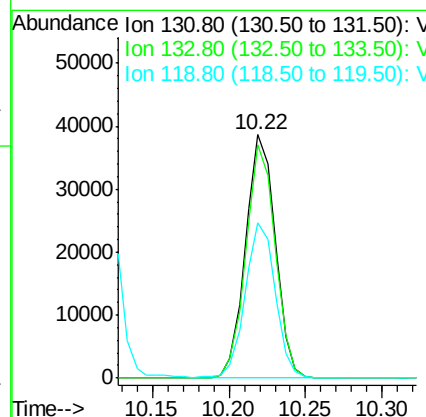
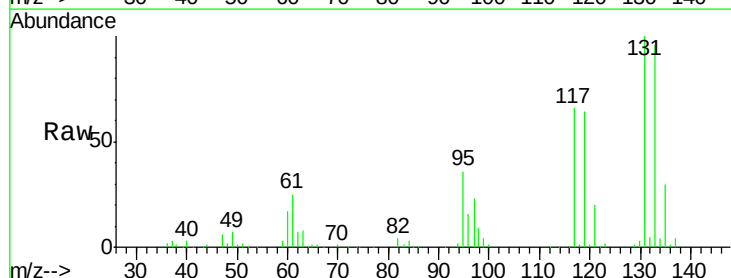
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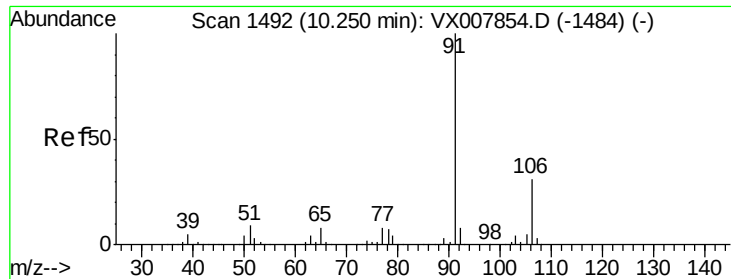
MMDadoda
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#66
1,1,1,2-Tetrachloroethane
Concen: 20.192 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VX007900.D
Acq: 07 Mar 2019 23:24

Tgt Ion:131 Resp: 52272
Ion Ratio Lower Upper
131 100
133 94.7 47.8 143.3
119 64.5 32.5 97.5





#67

Ethyl Benzene

Concen: 19.898 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. -0.00 min

Lab File: VX007900.D

Acq: 07 Mar 2019 23:24

Instrument :

MSVOA_X

ClientSampleId :

VX0307WBS02

Tot Ion: 91 Resp: 236584

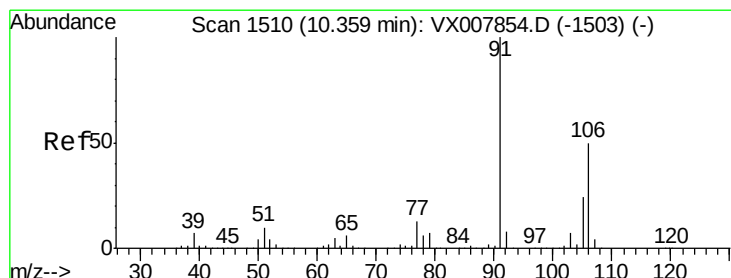
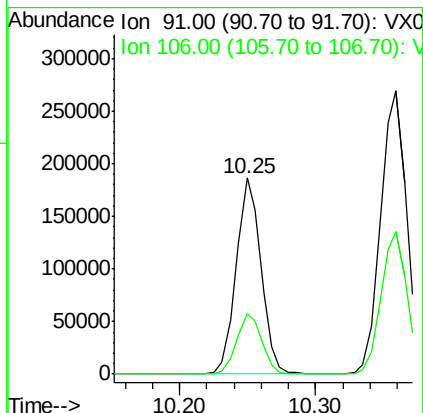
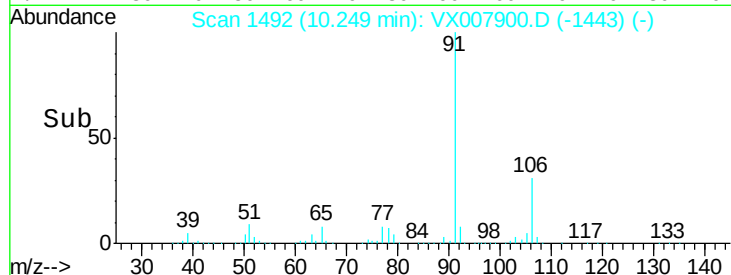
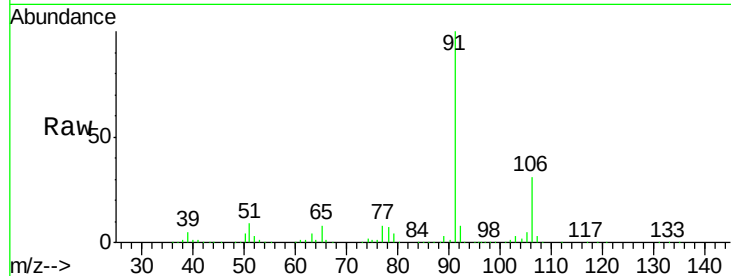
Ion Ratio Lower Upper

91 100

106 30.6 25.2 37.8

Manual Integrations
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#68

m/p-Xylenes

Concen: 39.367 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. -0.00 min

Lab File: VX007900.D

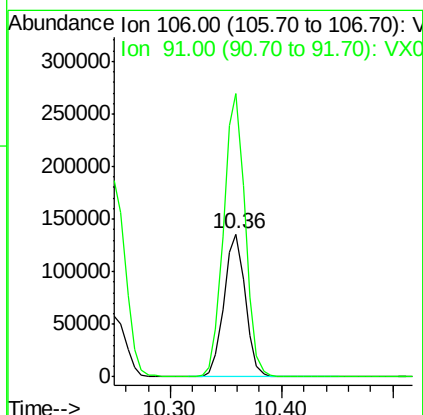
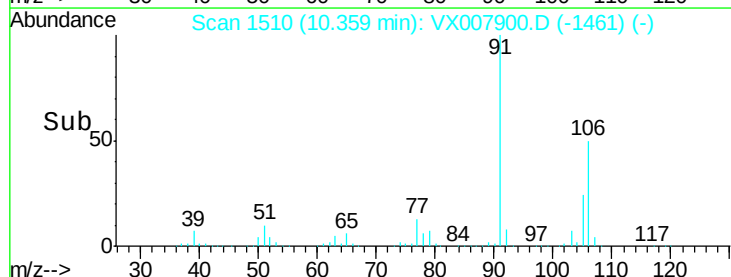
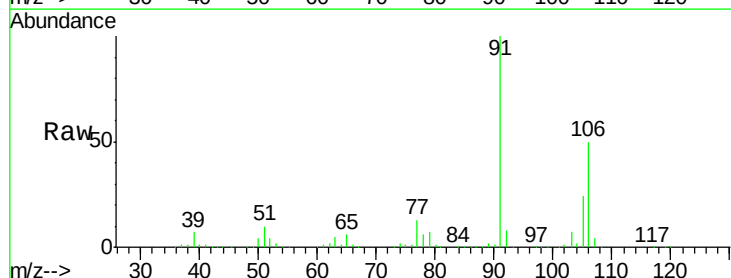
Acq: 07 Mar 2019 23:24

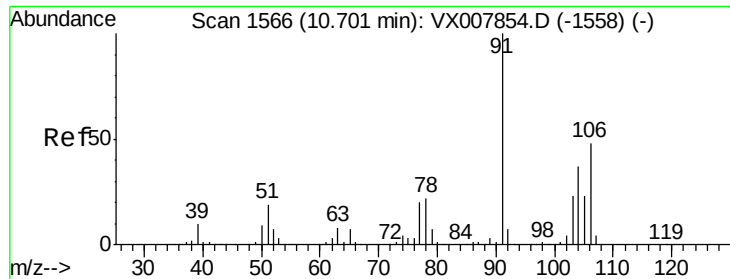
Tgt Ion: 106 Resp: 180418

Ion Ratio Lower Upper

106 100

91 199.9 159.8 239.6





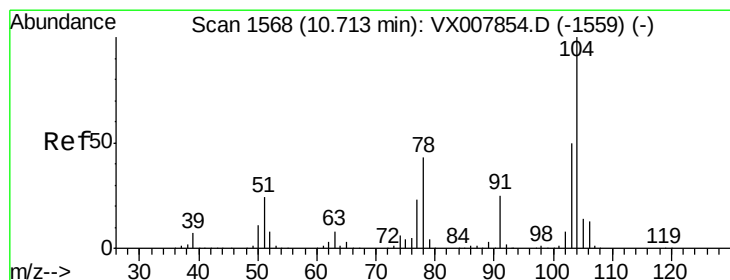
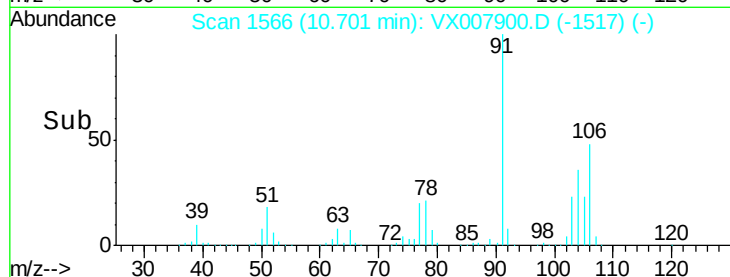
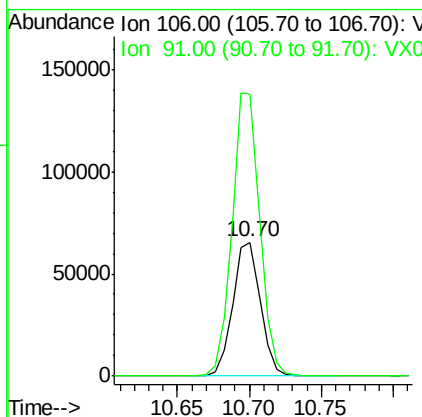
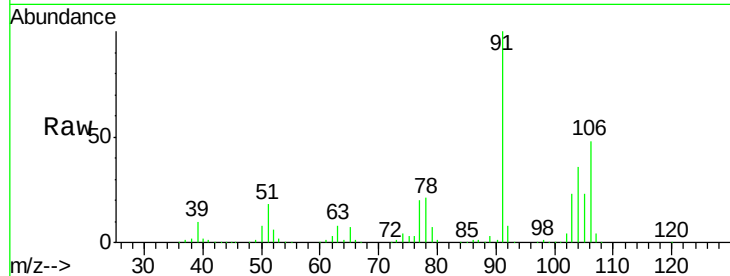
#69
o-Xylene
Concen: 19.807 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. -0.00 min
Lab File: VX007900.D
Acq: 07 Mar 2019 23:24

Instrument :
MSVOA_X
ClientSampleId :
VX0307WBS02

Tot Ion:106 Resp: 87639
Ion Ratio Lower Upper
106 100
91 213.6 106.3 318.9

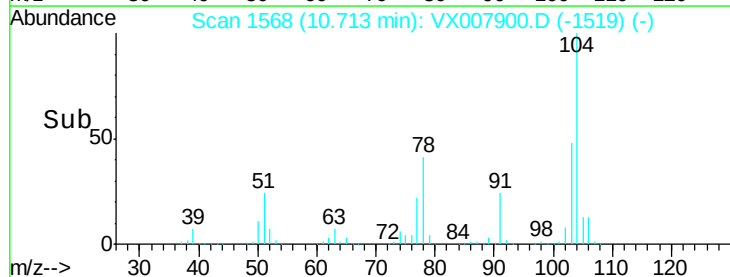
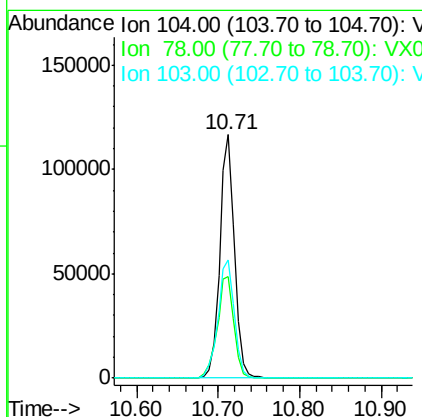
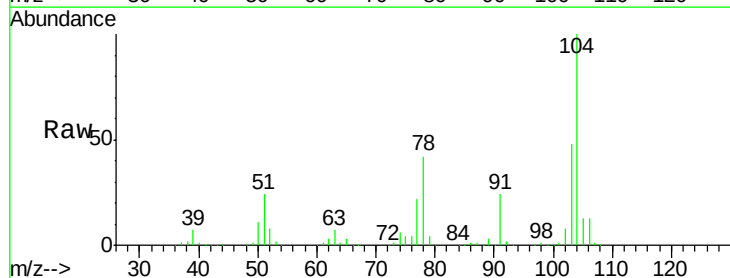
Manual Integrations
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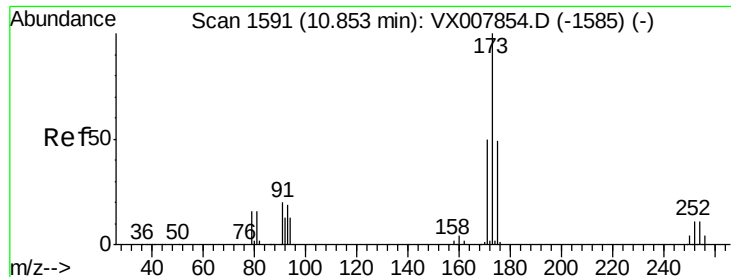
MMDadoda
3/8/2019 9:39:52 AM



#70
Styrene
Concen: 20.259 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX007900.D
Acq: 07 Mar 2019 23:24

Tgt Ion:104 Resp: 146682
Ion Ratio Lower Upper
104 100
78 48.2 38.5 57.7
103 54.7 44.1 66.1





#71

Bromoform

Concen: 19.360 ug/l

RT: 10.86 min Scan# 1592

Delta R.T. 0.01 min

Lab File: VX007900.D

Acq: 07 Mar 2019 23:24

Instrument :

MSVOA_X

ClientSampleId :

VX0307WBS02

Tot Ion:173 Resp: 43039

Ion Ratio Lower Upper

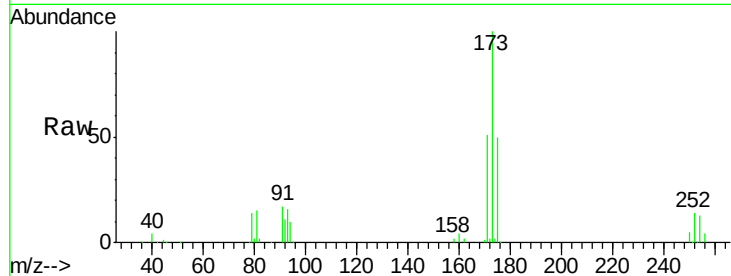
173 100

175 49.3 24.3 72.9

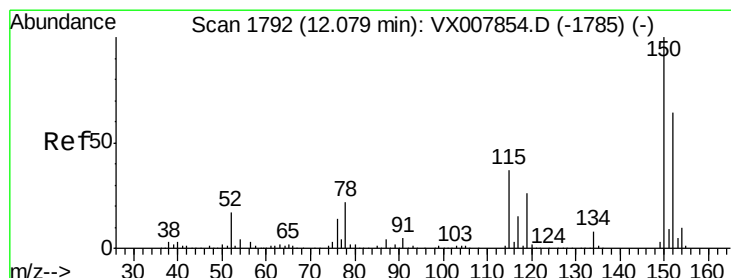
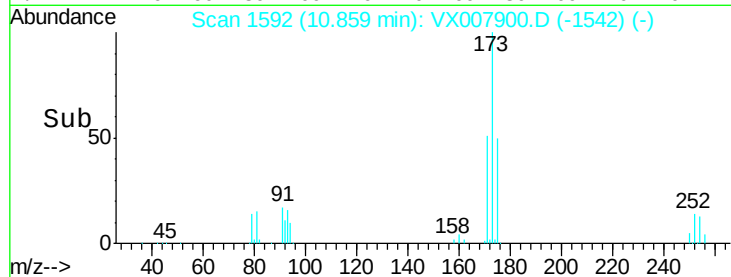
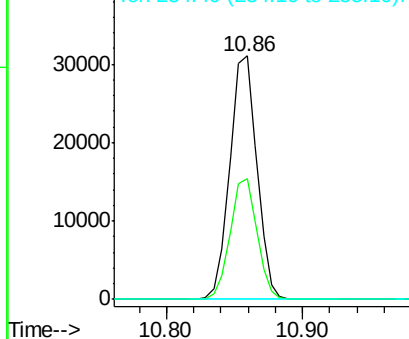
254 0.0 0.1 0.1#

Manual Integrations
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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: VX007900.D

Acq: 07 Mar 2019 23:24

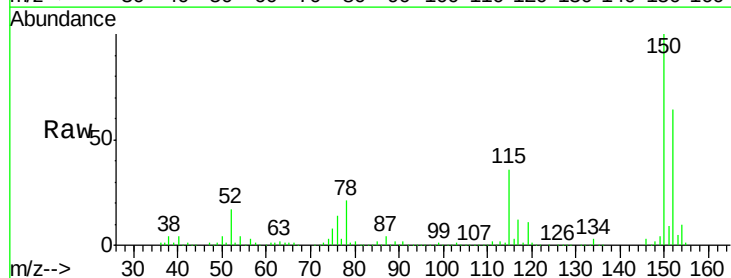
Tgt Ion:152 Resp: 169104

Ion Ratio Lower Upper

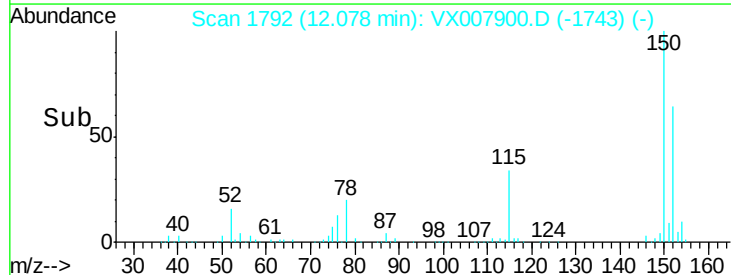
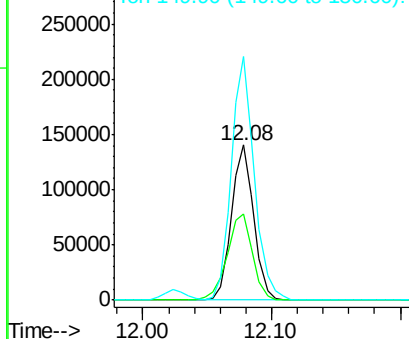
152 100

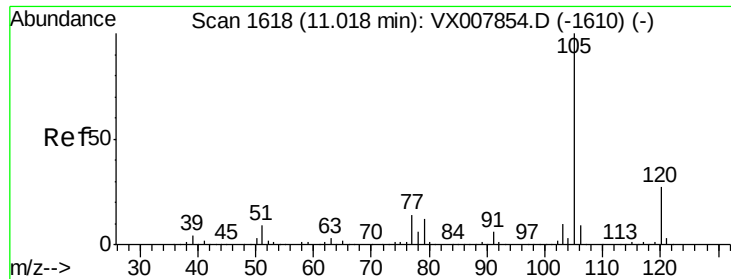
115 63.6 38.6 115.7

150 162.3 0.0 348.4



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





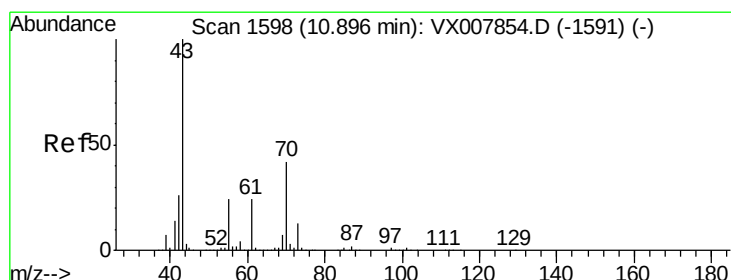
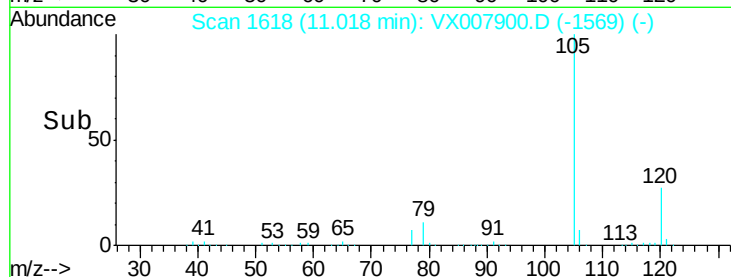
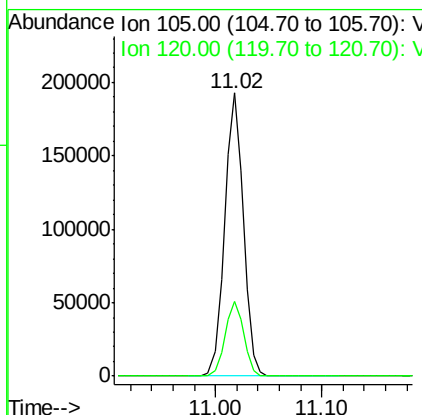
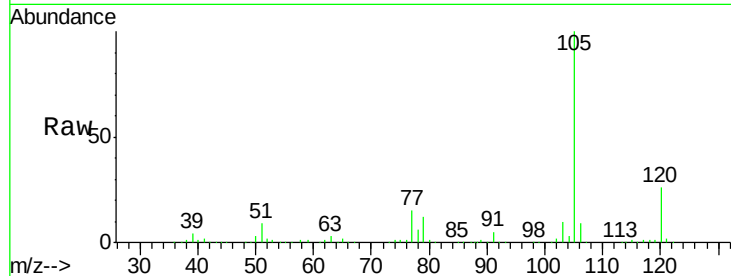
#73
Isopropylbenzene
Concen: 20.688 ug/l
RT: 11.02 min Scan# 1618
Delta R.T. -0.00 min
Lab File: VX007900.D
Acq: 07 Mar 2019 23:24

Instrument :
MSVOA_X
ClientSampleId :
VX0307WBS02

Tot Ion: 105 Resp: 236605
Ion Ratio Lower Upper
105 100
120 26.5 13.4 40.1

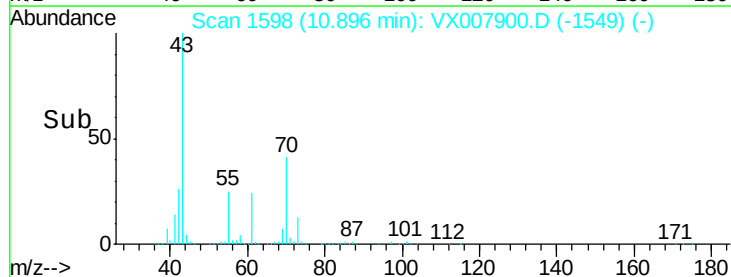
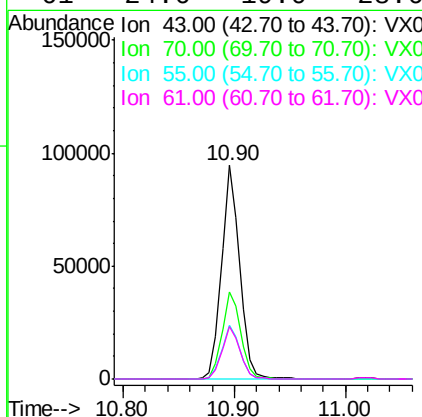
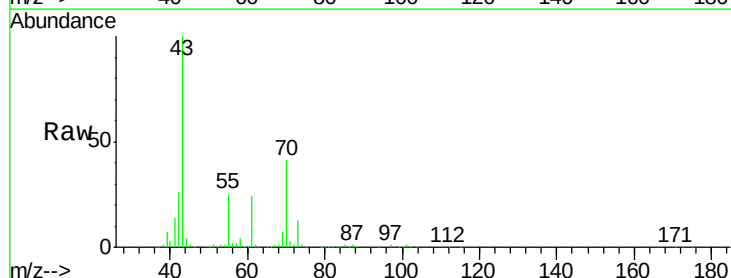
Manual Integrations
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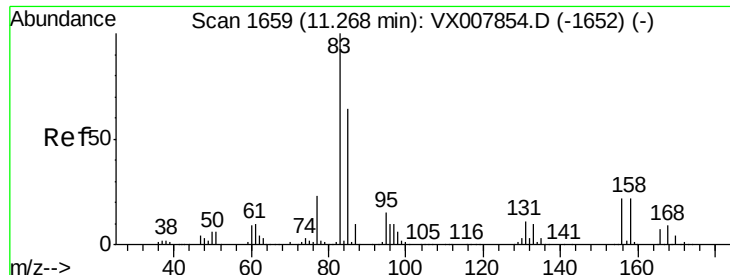
MMDadoda
3/8/2019 9:39:52 AM



#74
N-ethyl acetate
Concen: 20.453 ug/l
RT: 10.90 min Scan# 1598
Delta R.T. -0.00 min
Lab File: VX007900.D
Acq: 07 Mar 2019 23:24

Tgt Ion: 43 Resp: 106787
Ion Ratio Lower Upper
43 100
70 42.0 33.5 50.3
55 25.7 19.2 28.8
61 24.6 19.0 28.6





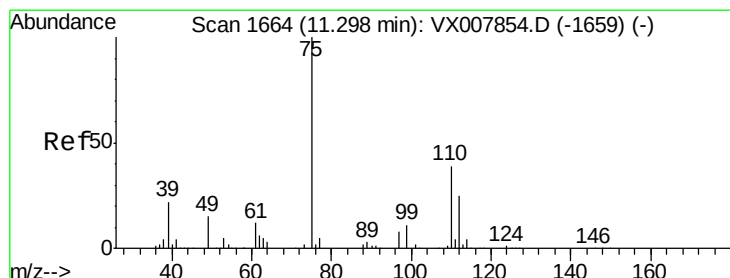
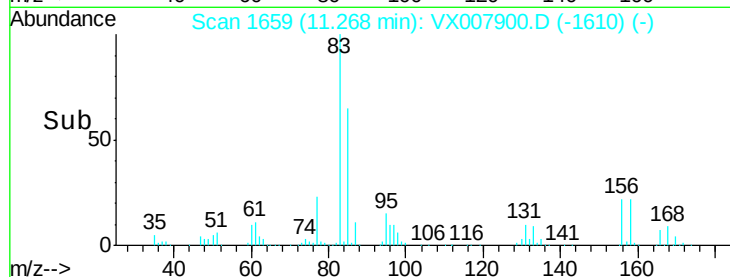
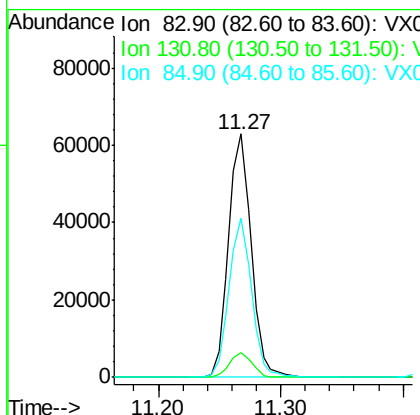
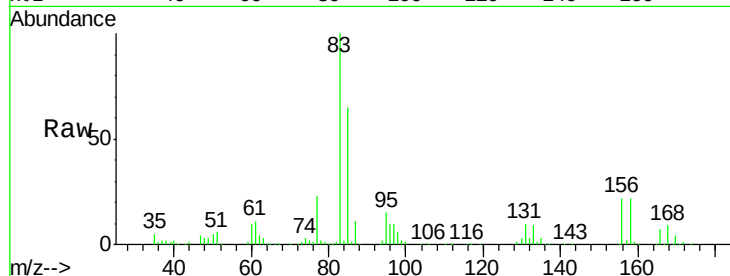
#75
 1,1,2,2-Tetrachloroethane
 Concen: 20.457 ug/l
 RT: 11.27 min Scan# 1659
 Delta R.T. -0.00 min
 Lab File: VX007900.D
 Acq: 07 Mar 2019 23:24

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0307WBS02

Tot Ion	83	Resp	80701
Ion Ratio	100	Lower	Upper
83	100		
131	10.3	5.4	16.2
85	65.1	32.3	96.8

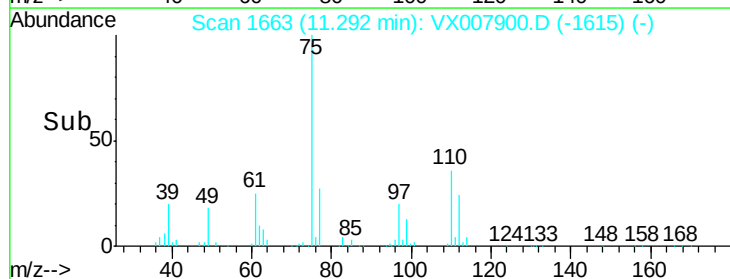
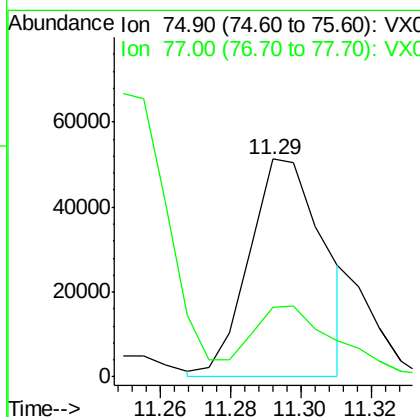
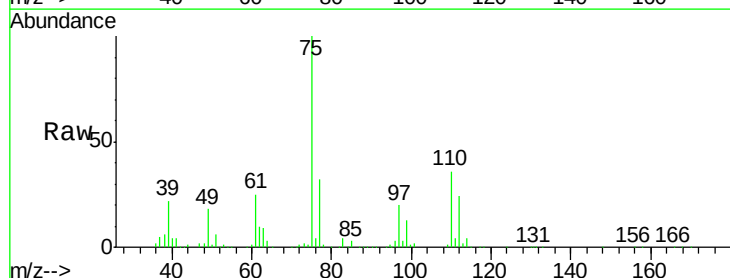
Manual Integrations
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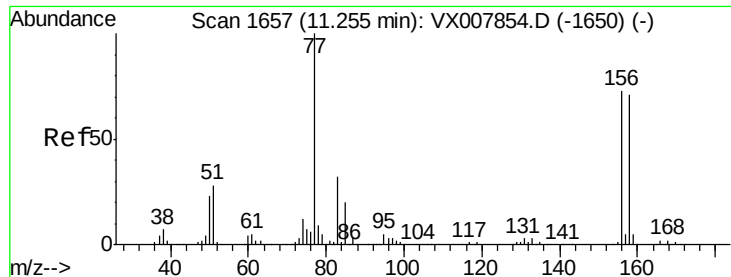
MMDadoda
 3/8/2019 9:39:52 AM



#76
 1,2,3-Trichloropropane
 Concen: 21.303 ug/l m
 RT: 11.29 min Scan# 1663
 Delta R.T. -0.01 min
 Lab File: VX007900.D
 Acq: 07 Mar 2019 23:24

Tgt Ion	75	Resp	75593
Ion Ratio	100	Lower	Upper
75	100		
77	36.4	18.9	56.7





#77

Bromobenzene

Concen: 20.208 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX007900.D

Acq: 07 Mar 2019 23:24

Instrument :

MSVOA_X

ClientSampled :

VX0307WBS02

Tot Ion:156 Resp: 63362

Ion Ratio Lower Upper

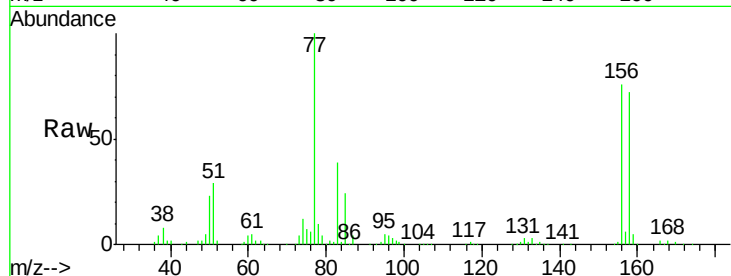
156 100

77 144.5 72.0 215.9

158 95.9 48.6 145.9

Manual Integrations
APPROVED

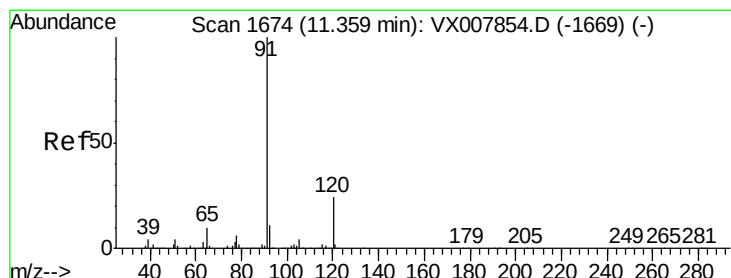
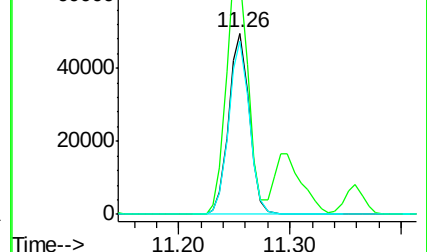
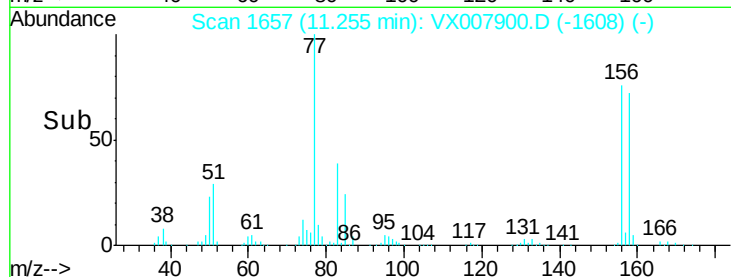
MMDadoda
3/8/2019 9:39:52 AM



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: 20.313 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX007900.D

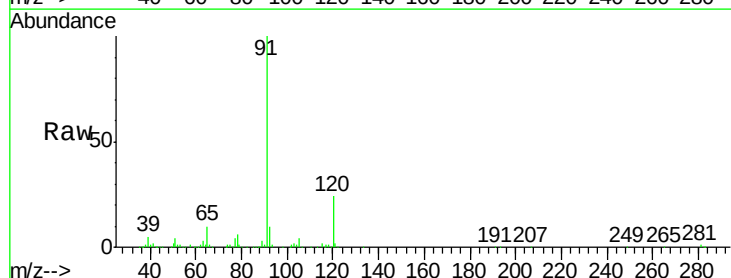
Acq: 07 Mar 2019 23:24

Tgt Ion: 91 Resp: 257721

Ion Ratio Lower Upper

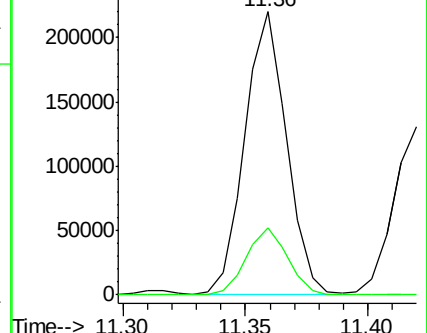
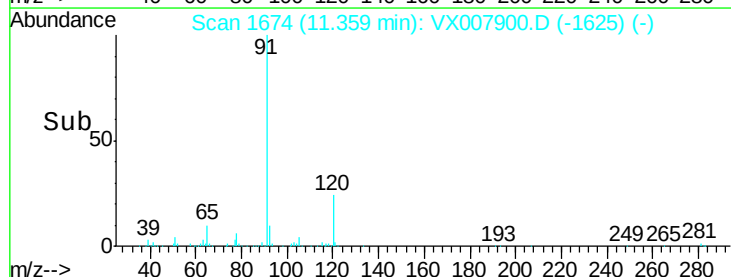
91 100

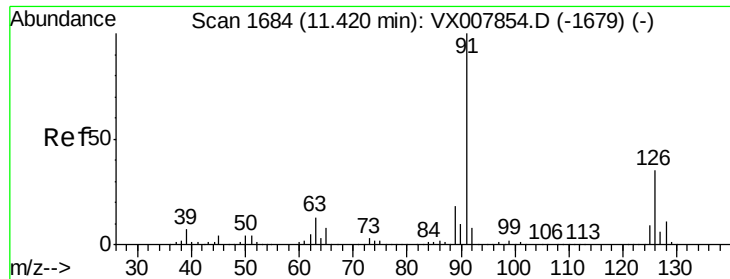
120 23.8 12.0 36.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





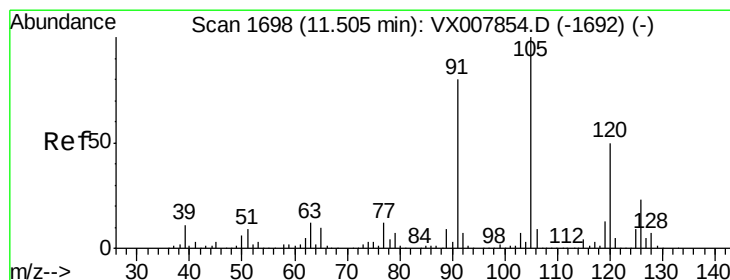
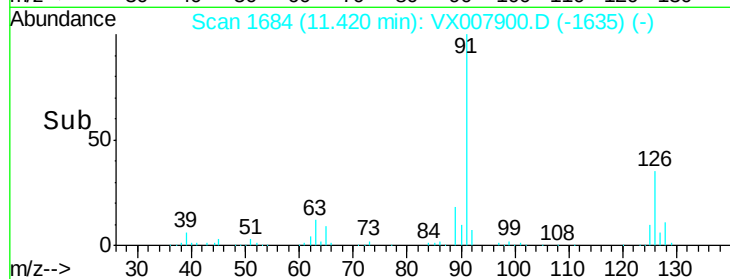
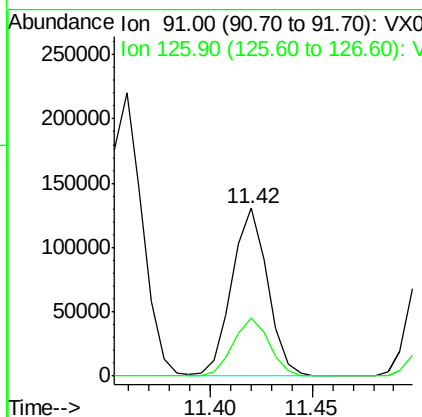
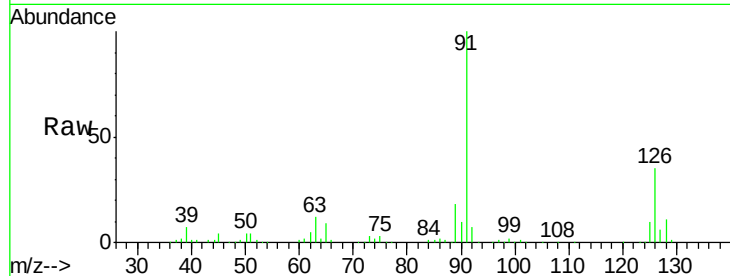
#79
 2-Chlorotoluene
 Concen: 20.347 ug/l
 RT: 11.42 min Scan# 1684
 Delta R.T. -0.00 min
 Lab File: VX007900.D
 Acq: 07 Mar 2019 23:24

Instrument :
 MSVOA_X
 ClientSampled :
 VX0307WBS02

Tot Ion: 91 Resp: 157842
 Ion Ratio Lower Upper
 91 100
 126 34.9 17.5 52.6

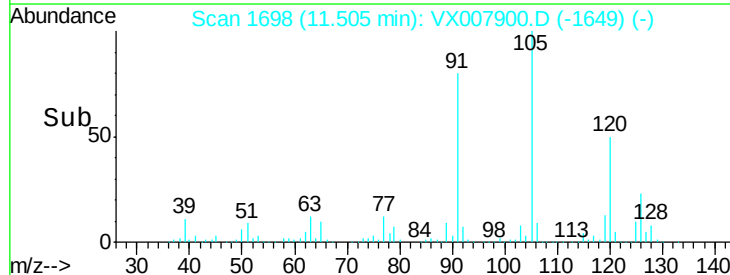
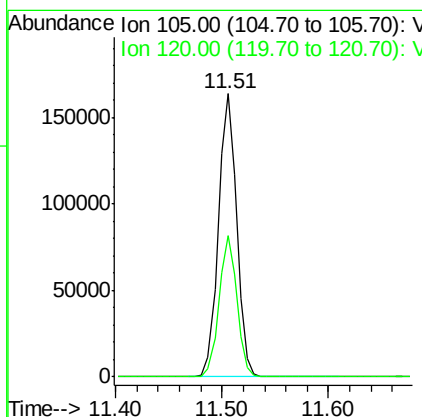
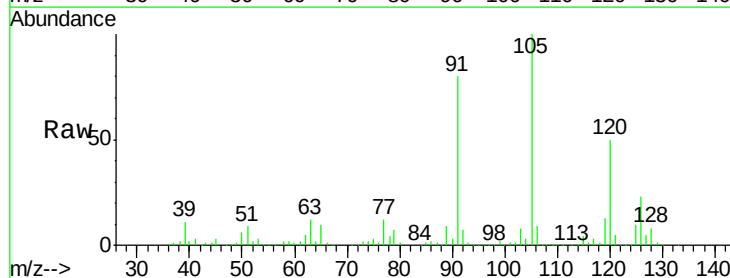
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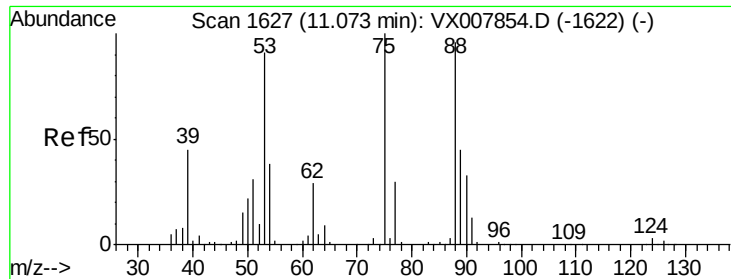
MMDadoda
 3/8/2019 9:39:52 AM



#80
 1,3,5-Trimethylbenzene
 Concen: 20.718 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. -0.00 min
 Lab File: VX007900.D
 Acq: 07 Mar 2019 23:24

Tgt Ion: 105 Resp: 195017
 Ion Ratio Lower Upper
 105 100
 120 48.9 24.9 74.6





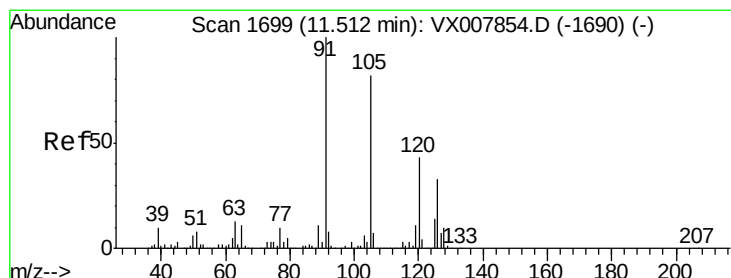
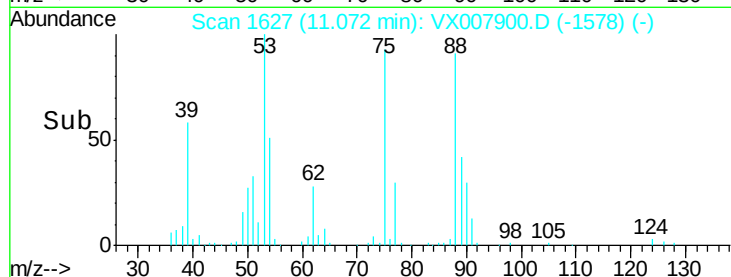
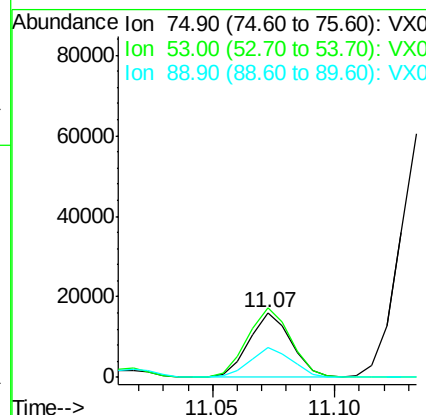
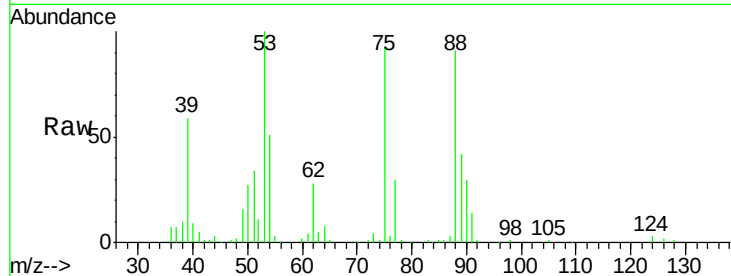
#81
trans-1,4-Dichloro-2-butene
Concen: 17.440 ug/l
RT: 11.07 min Scan# 1627
Delta R.T. -0.00 min
Lab File: VX007900.D
Acq: 07 Mar 2019 23:24

Instrument :
MSVOA_X
ClientSampleId :
VX0307WBS02

Tot Ion	Ratio	Lower	Upper
75	100		
53	111.4	76.1	114.1
89	45.8	36.3	54.5

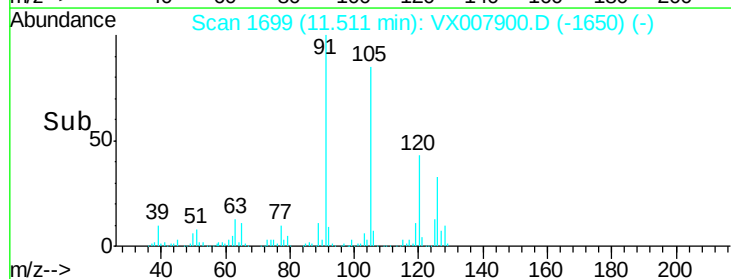
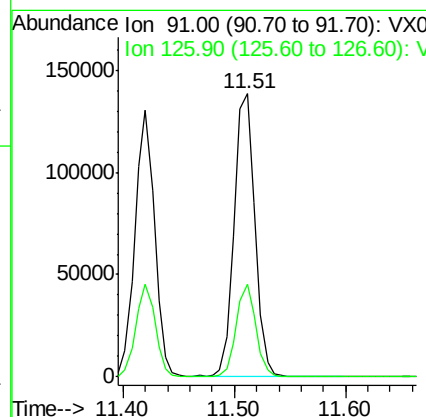
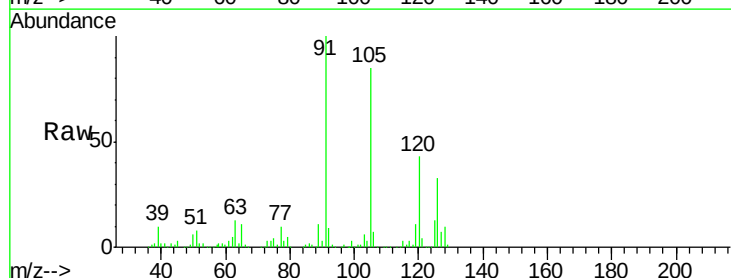
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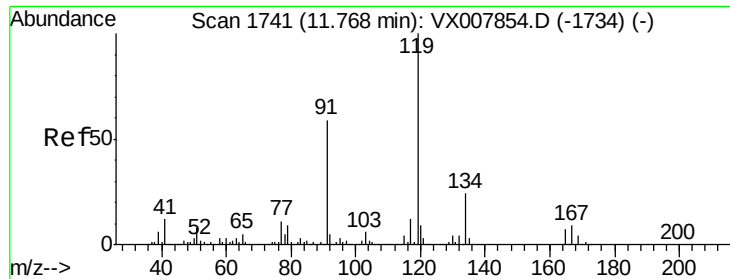
MMDadoda
3/8/2019 9:39:52 AM



#82
4-Chlorotoluene
Concen: 20.087 ug/l
RT: 11.51 min Scan# 1699
Delta R.T. -0.00 min
Lab File: VX007900.D
Acq: 07 Mar 2019 23:24

Tgt Ion	Ratio	Lower	Upper
91	100		
126	30.8	15.6	46.8





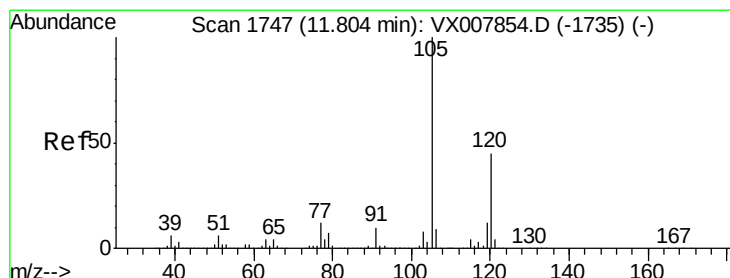
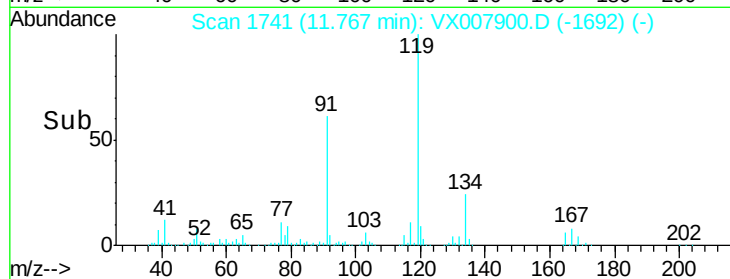
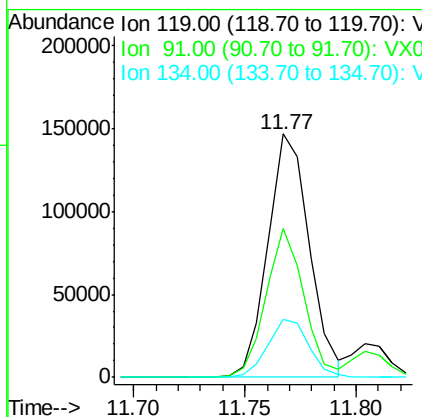
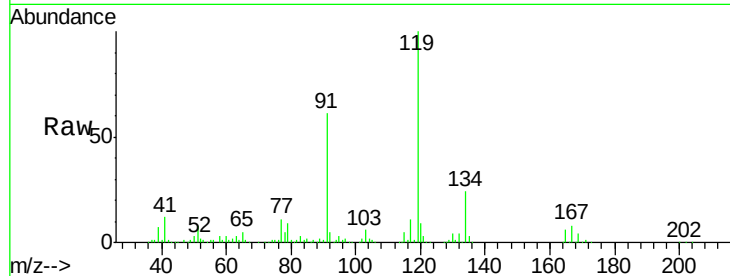
#83
 tert-Butylbenzene
 Concen: 20.028 ug/l
 RT: 11.77 min Scan# 1741
 Delta R.T. -0.00 min
 Lab File: VX007900.D
 Acq: 07 Mar 2019 23:24

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0307WBS02

Tot Ion	Ratio	Resp	Lower	Upper
119	100	189897		
91	55.9	27.1	81.3	
134	23.7	11.4	34.1	

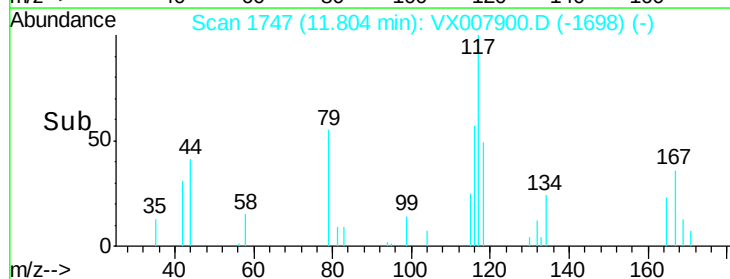
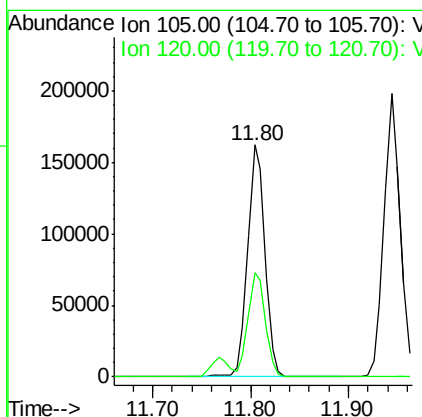
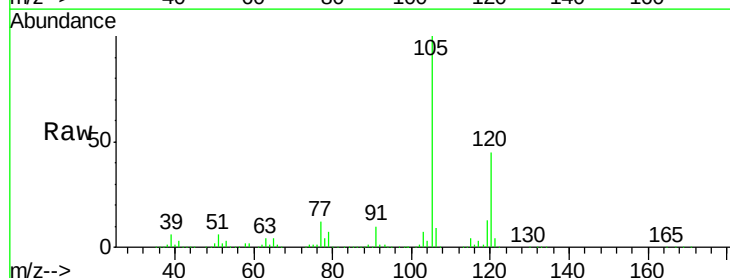
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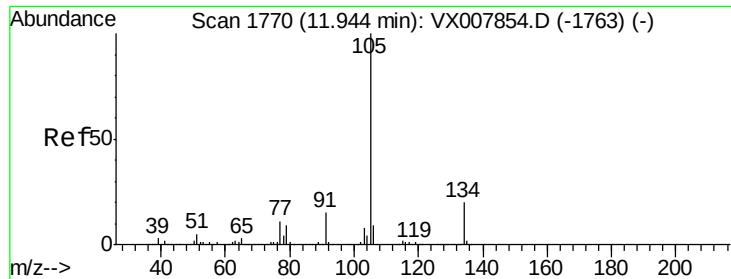
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#84
 1,2,4-Trimethylbenzene
 Concen: 20.689 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. -0.00 min
 Lab File: VX007900.D
 Acq: 07 Mar 2019 23:24

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	199638		
120	44.9	22.6	67.7	





#85

sec-Butylbenzene

Concen: 20.551 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX007900.D

Acq: 07 Mar 2019 23:24

Instrument :

MSVOA_X

ClientSampled :

VX0307WBS02

Tot Ion:105 Resp: 229495

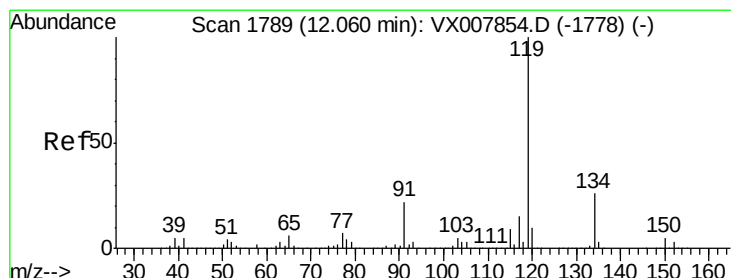
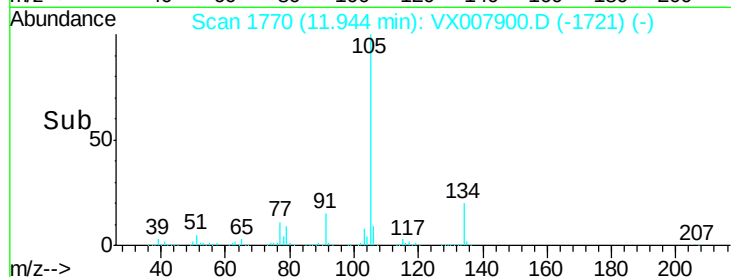
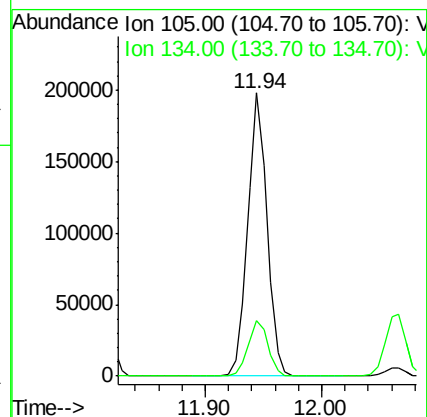
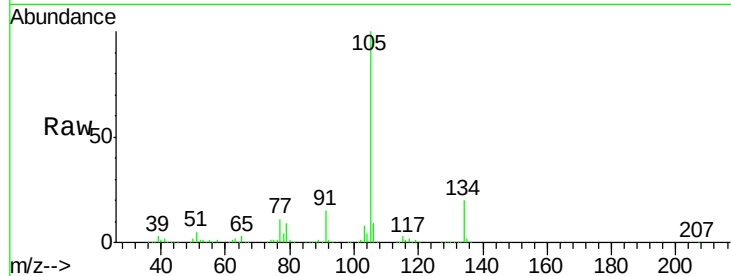
Ion Ratio Lower Upper

105 100

134 20.4 10.4 31.2

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#86

p-Isopropyltoluene

Concen: 20.359 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VX007900.D

Acq: 07 Mar 2019 23:24

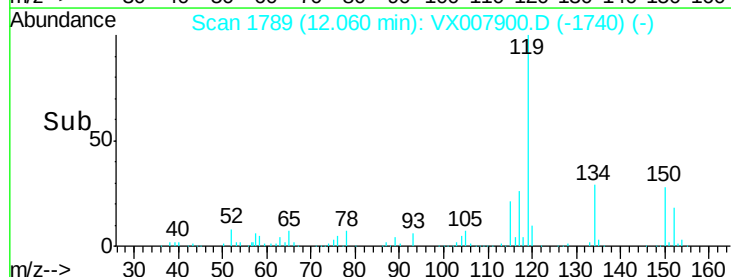
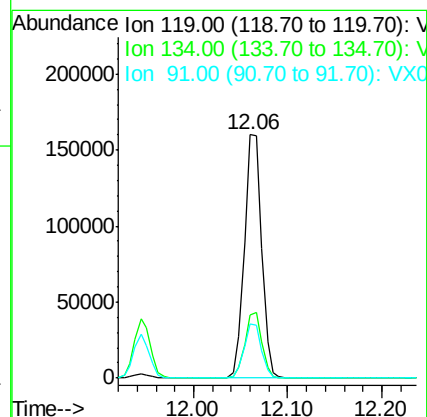
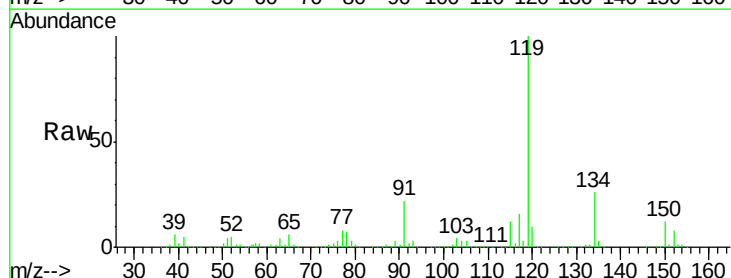
Tgt Ion:119 Resp: 203609

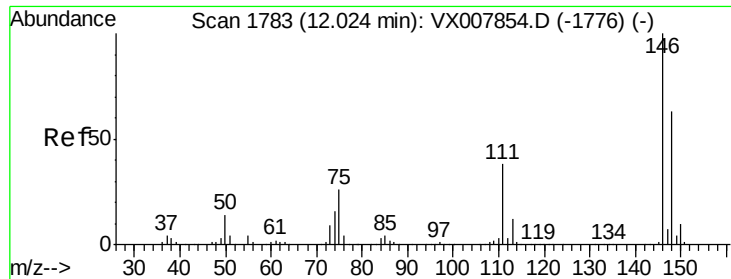
Ion Ratio Lower Upper

119 100

134 26.3 13.3 39.9

91 22.4 10.9 32.7





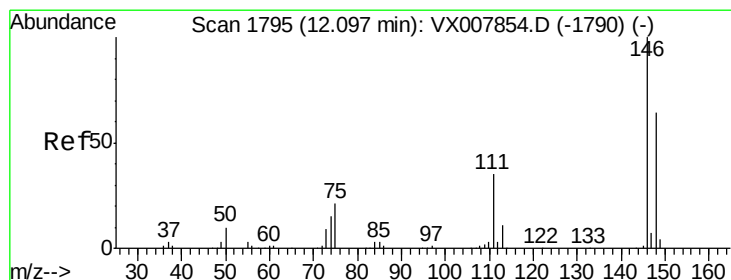
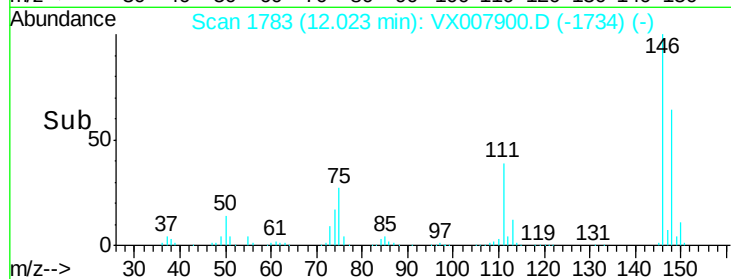
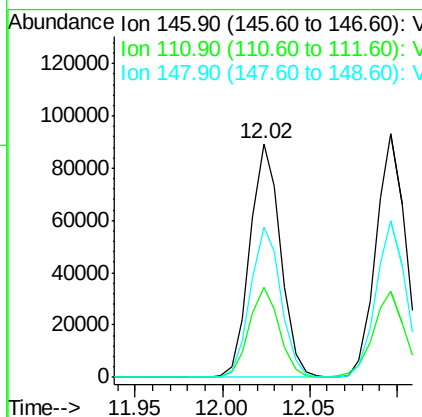
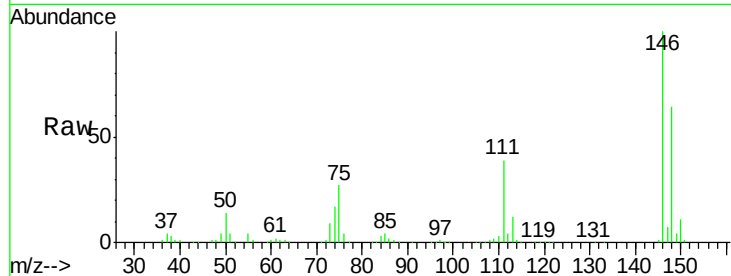
#87
 1,3-Dichlorobenzene
 Concen: 19.622 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: VX007900.D
 Acq: 07 Mar 2019 23:24

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0307WBS02

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.8	18.9	56.7
148	64.2	31.7	95.1

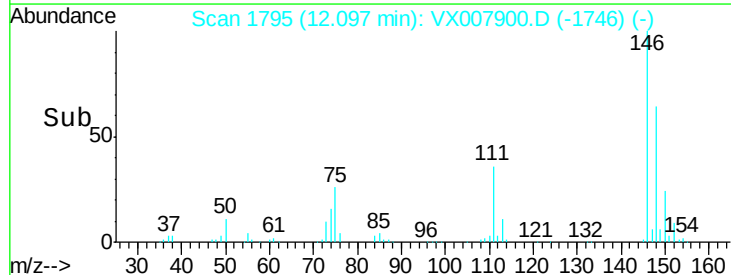
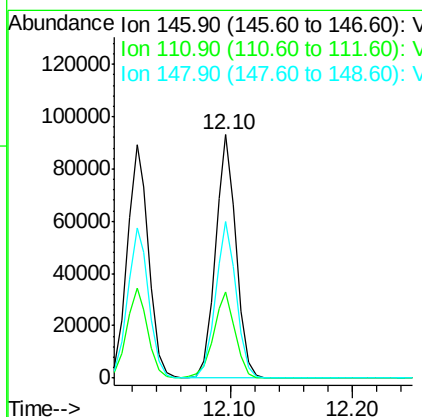
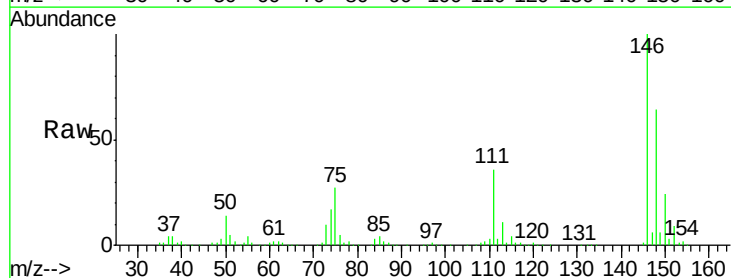
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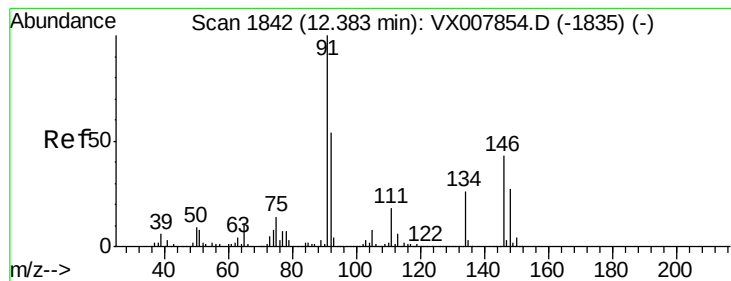
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#88
 1,4-Dichlorobenzene
 Concen: 19.261 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX007900.D
 Acq: 07 Mar 2019 23:24

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.7	18.4	55.0
148	64.7	32.2	96.6





#89

n-Butylbenzene

Concen: 19.555 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. 0.01 min

Lab File: VX007900.D

Acq: 07 Mar 2019 23:24

Instrument :

MSVOA_X

ClientSampleId :

VX0307WBS02

Tot Ion: 91 Resp: 165689

Ion Ratio Lower Upper

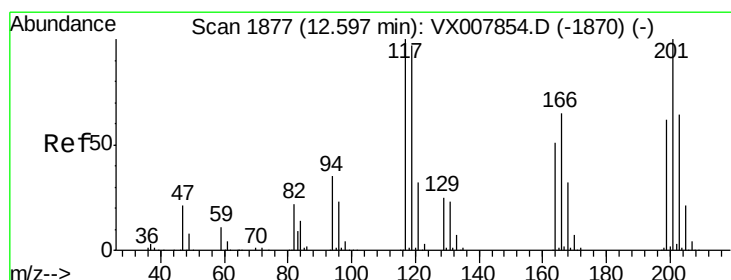
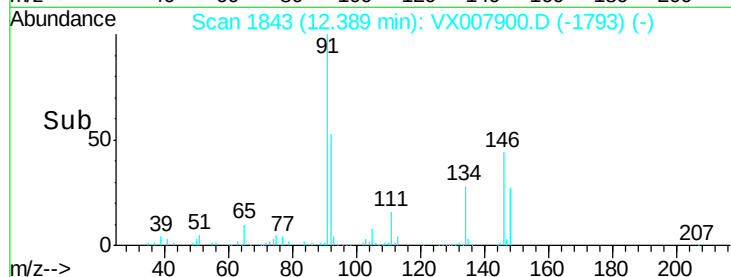
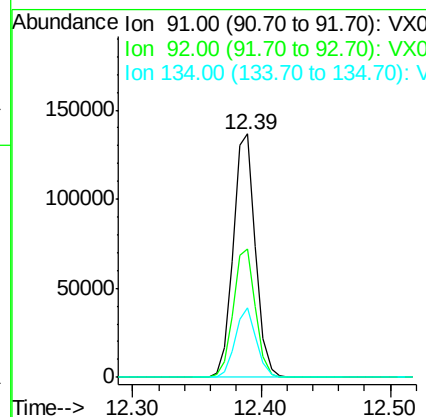
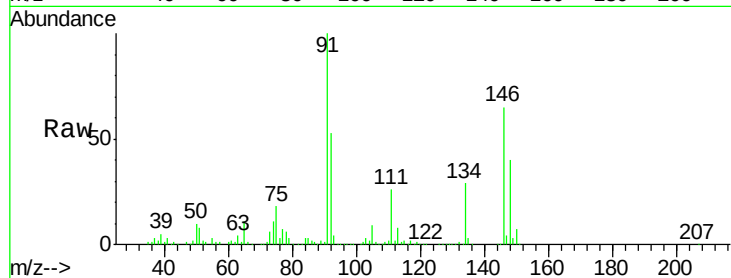
91 100

92 52.8 27.0 80.8

134 27.2 13.7 41.0

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#90

Hexachloroethane

Concen: 19.629 ug/l

RT: 12.60 min Scan# 1877

Delta R.T. -0.00 min

Lab File: VX007900.D

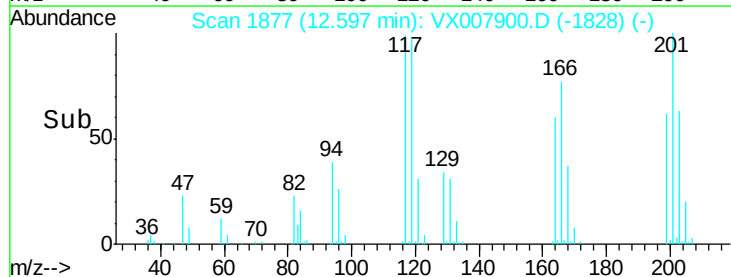
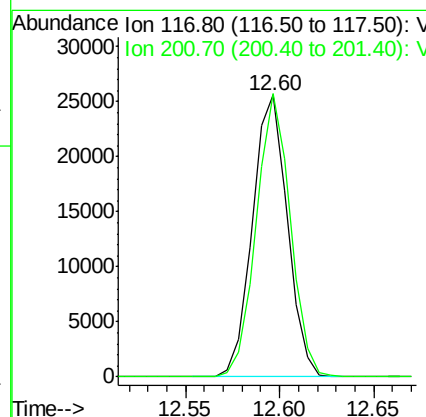
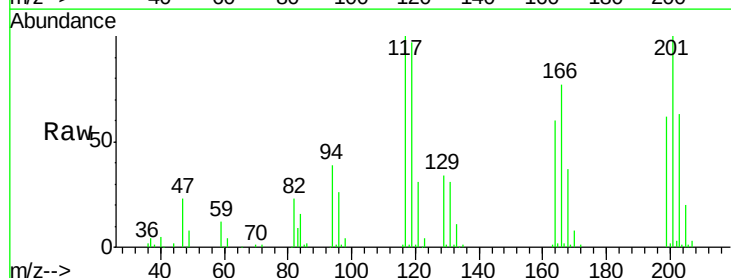
Acq: 07 Mar 2019 23:24

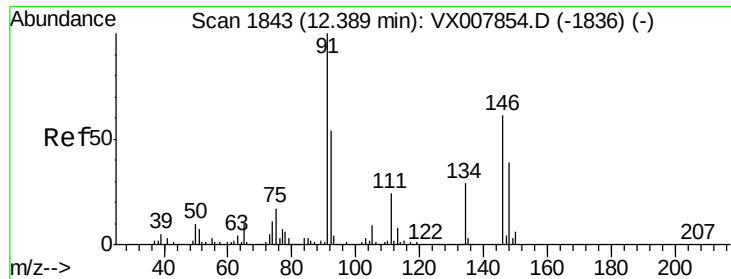
Tgt Ion: 117 Resp: 32822

Ion Ratio Lower Upper

117 100

201 97.8 48.9 146.7





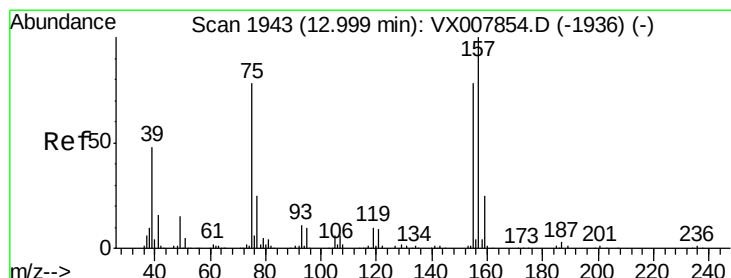
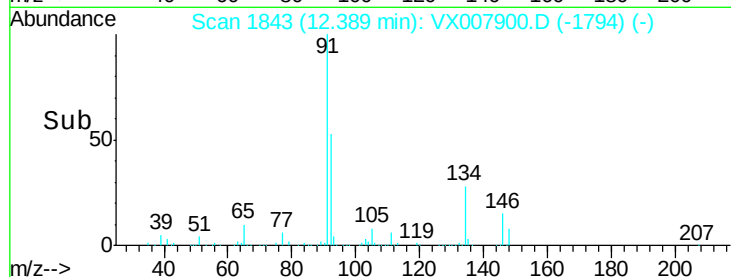
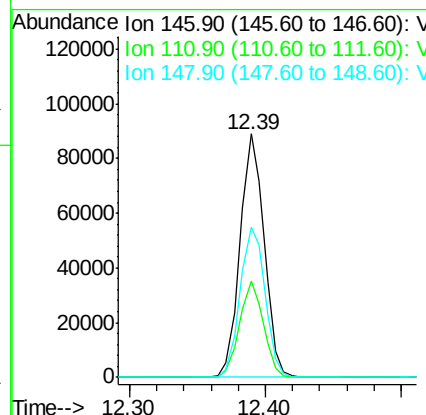
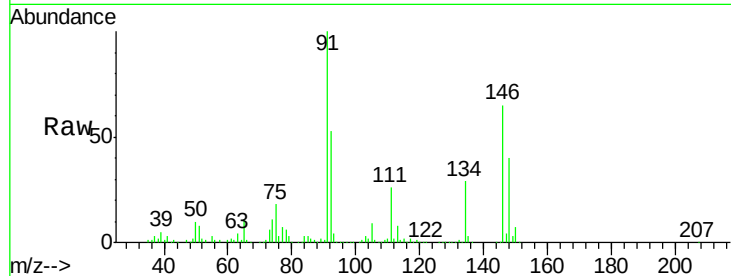
#91
 1,2-Dichlorobenzene
 Concen: 19.906 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. -0.00 min
 Lab File: VX007900.D
 Acq: 07 Mar 2019 23:24

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0307WBS02

Tot Ion	Ratio	Resp	Lower	Upper
146	100	109697		
111	39.3	19.6	58.8	
148	64.2	31.9	95.5	

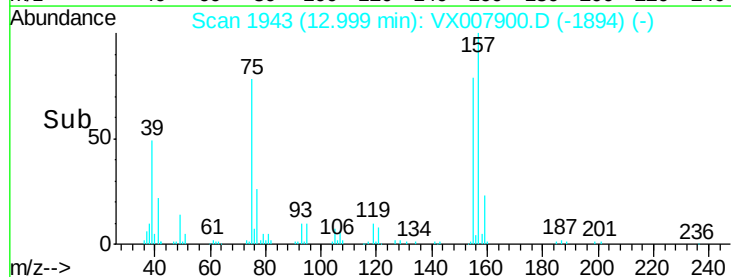
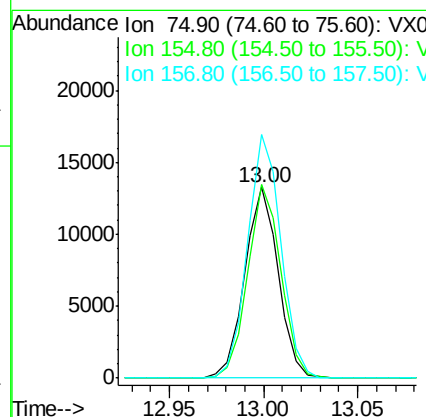
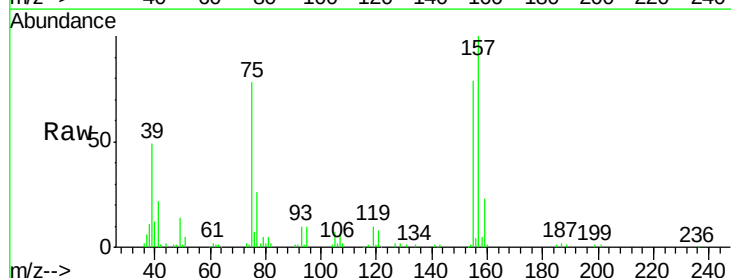
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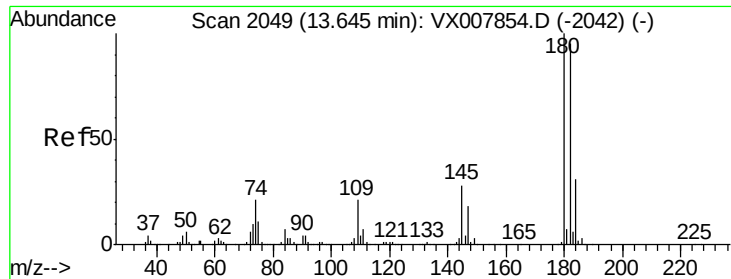
MMDadoda
 3/8/2019 9:39:52 AM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 19.751 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. -0.00 min
 Lab File: VX007900.D
 Acq: 07 Mar 2019 23:24

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	16284		
155	100.7	49.7	149.1	
157	127.7	63.8	191.4	





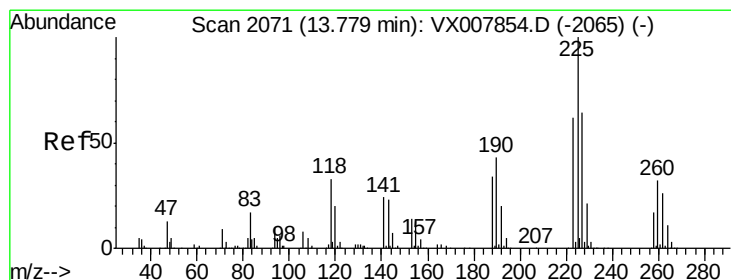
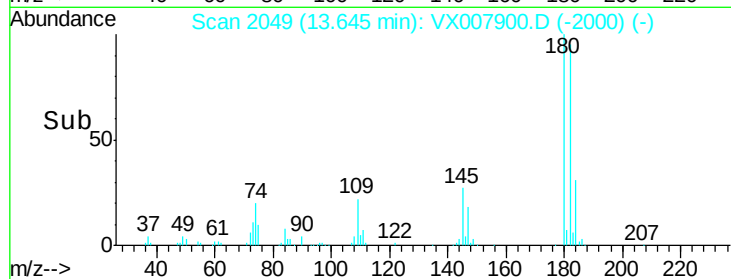
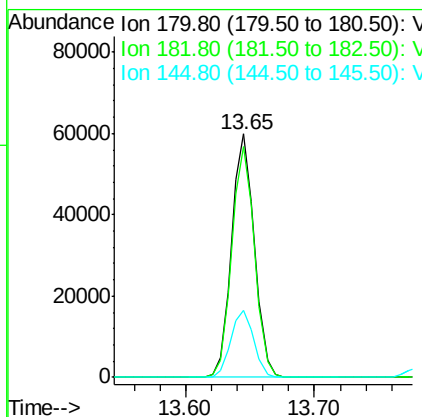
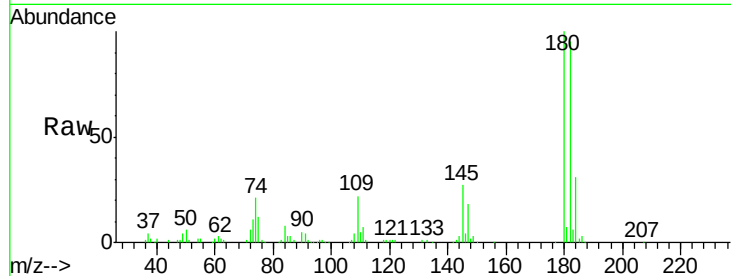
#93
 1,2,4-Trichlorobenzene
 Concen: 19.161 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX007900.D
 Acq: 07 Mar 2019 23:24

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0307WBS02

Tot Ion	Ratio	Lower	Upper
180	100		
182	94.6	47.9	143.7
145	27.8	14.1	42.4

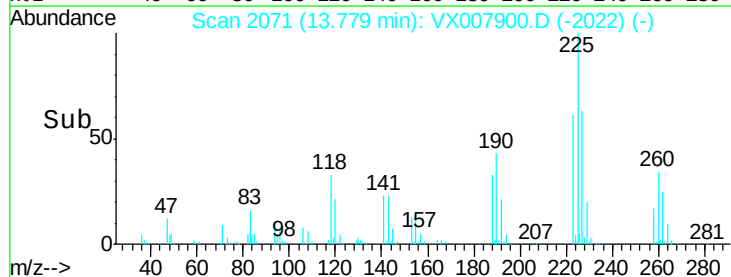
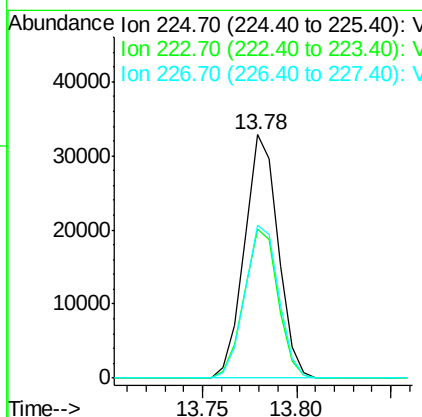
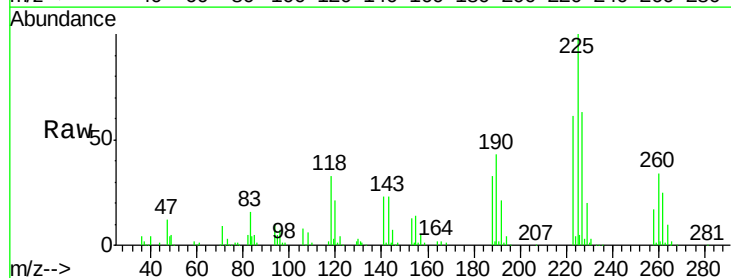
Manual Integrations
 APPROVED

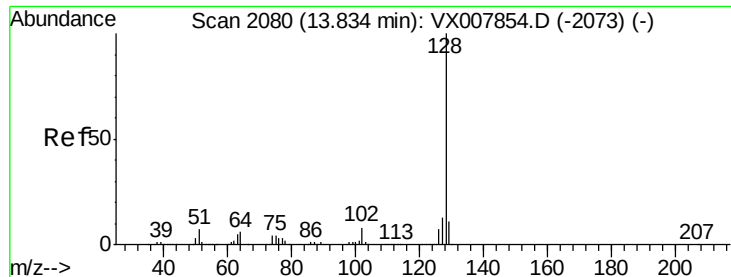
MMDadoda
 3/8/2019 9:39:52 AM



#94
 Hexachlorobutadiene
 Concen: 20.111 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. -0.00 min
 Lab File: VX007900.D
 Acq: 07 Mar 2019 23:24

Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.5	31.1	93.2
227	63.2	32.0	96.0





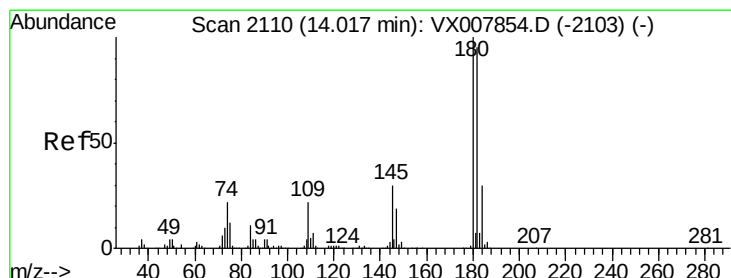
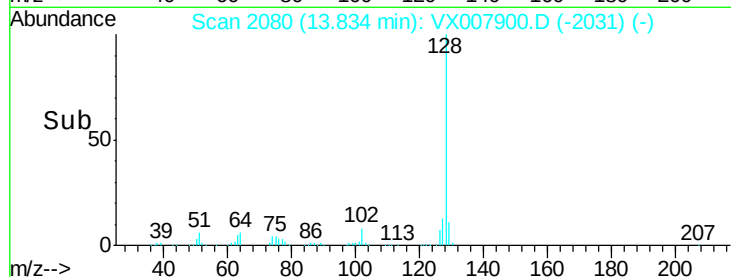
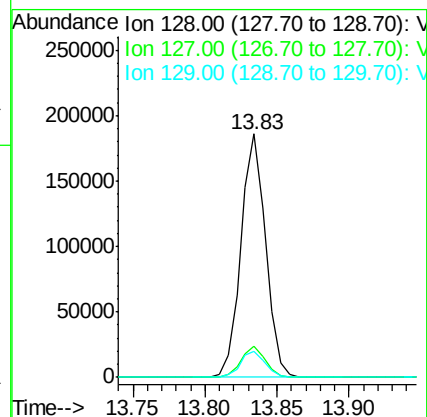
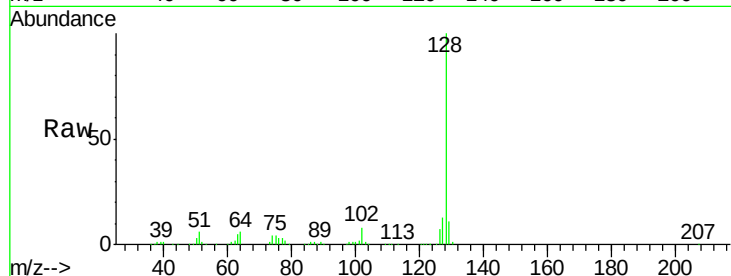
#95
Naphthalene
Concen: 19.932 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. -0.00 min
Lab File: VX007900.D
Acq: 07 Mar 2019 23:24

Instrument :
MSVOA_X
ClientSampled :
VX0307WBS02

Tot Ion	Ratio	Resp	Lower	Upper
128	100	222337		
127	12.6	10.3	15.5	
129	10.8	8.7	13.1	

Manual Integrations
APPROVED

MMDadoda
3/8/2019 9:39:52 AM



#96
1,2,3-Trichlorobenzene
Concen: 19.399 ug/l
RT: 14.02 min Scan# 2110
Delta R.T. -0.00 min
Lab File: VX007900.D
Acq: 07 Mar 2019 23:24

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	74810		
182	95.6	47.5	142.5	
145	30.2	14.8	44.3	

