

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX011419\
 Data File : VX007033.D
 Acq On : 14 Jan 2019 12:30
 Operator : JC/SP
 Sample : VX0114WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0114WBS01

Manual Integrations
 APPROVED

MMDadoda
 1/15/2019 11:13:31 AM

Quant Time: Jan 15 00:05:41 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X010819W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 08 14:06:59 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	529669	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	785014	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	722309	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	362980	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	276984	50.04	ug/l	0.00
Spiked Amount			Recovery	=	100.08%	
35) Dibromofluoromethane	5.50	113	253452	50.42	ug/l	0.00
Spiked Amount			Recovery	=	100.84%	
50) Toluene-d8	8.71	98	944122	51.31	ug/l	0.00
Spiked Amount			Recovery	=	102.62%	
62) 4-Bromofluorobenzene	11.13	95	338344	52.74	ug/l	0.00
Spiked Amount			Recovery	=	105.48%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	92009	21.153	ug/l	97
3) Chloromethane	1.33	50	106220	20.977	ug/l	100
4) Vinyl Chloride	1.41	62	106844	19.616	ug/l	98
5) Bromomethane	1.64	94	111014	19.076	ug/l	100
6) Chloroethane	1.72	64	71188	18.718	ug/l	98
7) Trichlorofluoromethane	1.93	101	173181	19.678	ug/l	96
8) Diethyl Ether	2.19	74	66044	18.862	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.39	101	100261	19.028	ug/l	98
10) Methyl Iodide	2.51	142	148243	20.857	ug/l	99
11) Tert butyl alcohol	3.07	59	134357	102.894	ug/l	99
12) 1,1-Dichloroethene	2.37	96	93865	19.282	ug/l	93
13) Acrolein	2.30	56	53413	96.758	ug/l	97
14) Allyl chloride	2.73	41	165611	19.850	ug/l	99
15) Acrylonitrile	3.15	53	302215	100.819	ug/l	99
16) Acetone	2.45	43	263692	96.359	ug/l	100
17) Carbon Disulfide	2.57	76	217680	17.368	ug/l	99
18) Methyl Acetate	2.78	43	158473	19.997	ug/l	99
19) Methyl tert-butyl Ether	3.20	73	333988	19.767	ug/l	99
20) Methylene Chloride	2.86	84	107256	20.270	ug/l	94
21) trans-1,2-Dichloroethene	3.17	96	98624	18.180	ug/l	95
22) Diisopropyl ether	3.87	45	306431	19.537	ug/l	97
23) Vinyl Acetate	3.82	43	1271331	96.115	ug/l	99
24) 1,1-Dichloroethane	3.70	63	168770	19.243	ug/l	99
25) 2-Butanone	4.70	43	392479	100.234	ug/l	98
26) 2,2-Dichloropropane	4.59	77	127957	18.973	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	113693	19.000	ug/l	98
28) Bromochloromethane	5.02	49	80026	20.826	ug/l	96
29) Tetrahydrofuran	5.15	42	251289	98.751	ug/l	97
30) Chloroform	5.21	83	180483	19.655	ug/l	97
31) Cyclohexane	5.57	56	149404	19.140	ug/l	97
32) 1,1,1-Trichloroethane	5.49	97	149704	19.234	ug/l	98
36) 1,1-Dichloropropene	5.80	75	128726	18.861	ug/l	99
37) Ethyl Acetate	4.85	43	146507	20.023	ug/l	97
38) Carbon Tetrachloride	5.78	117	130438	18.995	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	164142	18.865	ug/l	96
40) Benzene	6.14	78	397180	19.072	ug/l	99
41) Methacrylonitrile	5.06	41	77819	18.461	ug/l	98
42) 1,2-Dichloroethane	6.20	62	136522	18.971	ug/l	100
43) Isopropyl Acetate	6.46	43	224139	19.420	ug/l	99
44) Trichloroethene	7.21	130	116022	18.592	ug/l	98
45) 1,2-Dichloropropane	7.51	63	100808	19.254	ug/l	96
46) Dibromomethane	7.66	93	71682	19.481	ug/l	98
47) Bromodichloromethane	7.90	83	119527	19.084	ug/l	95
48) Methyl methacrylate	7.77	41	115354	19.462	ug/l	96
49) 1,4-Dioxane	7.75	88	55081	401.799	ug/l	96
51) 4-Methyl-2-Pentanone	8.65	43	762847	102.846	ug/l	99
52) Toluene	8.79	92	262201	19.589	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	131597	18.948	ug/l	95
54) cis-1,3-Dichloropropene	8.43	75	147781	19.268	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	109760	20.487	ug/l	99
56) Ethyl methacrylate	9.18	69	160144	20.475	ug/l	97
57) 1,3-Dichloropropane	9.37	76	173806	19.802	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	403610	100.365	ug/l	99
59) 2-Hexanone	9.49	43	581842	102.936	ug/l	98
60) Dibromochloromethane	9.59	129	104084	20.007	ug/l	97
61) 1,2-Dibromoethane	9.67	107	115442	19.573	ug/l	100
64) Tetrachloroethene	9.34	164	118620	18.968	ug/l	97
65) Chlorobenzene	10.14	112	301035	19.109	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	104701	19.756	ug/l	99
67) Ethyl Benzene	10.25	91	498741	19.177	ug/l	100
68) m/p-Xylenes	10.36	106	393061	38.360	ug/l	99
69) o-Xylene	10.70	106	194360	19.449	ug/l	98
70) Styrene	10.71	104	310730	19.633	ug/l	99
71) Bromoform	10.86	173	75131	19.075	ug/l	98
73) Isopropylbenzene	11.02	105	514761	20.112	ug/l	99
74) N-amyl acetate	10.90	43	202204	19.622	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	162386	19.984	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	149344m	20.303	ug/l	
77) Bromobenzene	11.26	156	140451	19.915	ug/l	99
78) n-propylbenzene	11.36	91	566649	20.167	ug/l	99
79) 2-Chlorotoluene	11.42	91	337401	19.948	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	421293	19.699	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	38904	18.536	ug/l	91
82) 4-Chlorotoluene	11.51	91	385984	19.710	ug/l	99
83) tert-Butylbenzene	11.77	119	415125	19.455	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	435343	20.243	ug/l	99
85) sec-Butylbenzene	11.94	105	508756	19.964	ug/l	100
86) p-Isopropyltoluene	12.06	119	450268	19.754	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	244574	19.187	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	247734	20.597	ug/l	100
89) n-Butylbenzene	12.39	91	376174	19.359	ug/l	99
90) Hexachloroethane	12.60	117	64767	19.671	ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	240104	19.087	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	31954	19.884	ug/l	99

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ClientSampleId :
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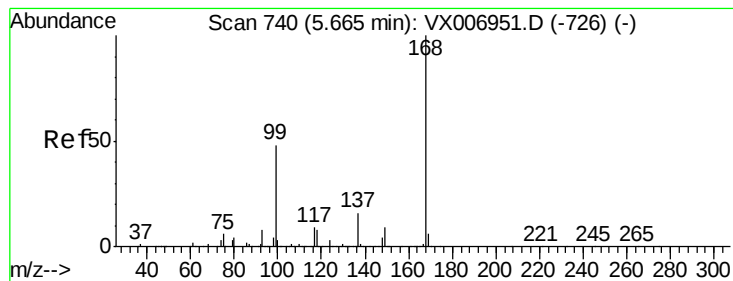
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	165758	19.206	ug/l	99
94) Hexachlorobutadiene	13.78	225	76190	19.893	ug/l	98
95) Naphthalene	13.83	128	509717	19.490	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	164867	19.230	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.00 min

Lab File: VX007033.D

Acq: 14 Jan 2019 12:30

Instrument :

MSVOA_X

ClientSampleId :

VX0114WBS01

Tot Ion:168 Resp: 529669

Ion Ratio Lower Upper

168 100

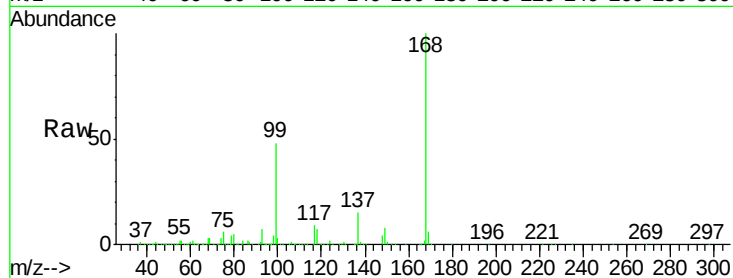
99 48.0 41.8 62.8

Manual Integrations

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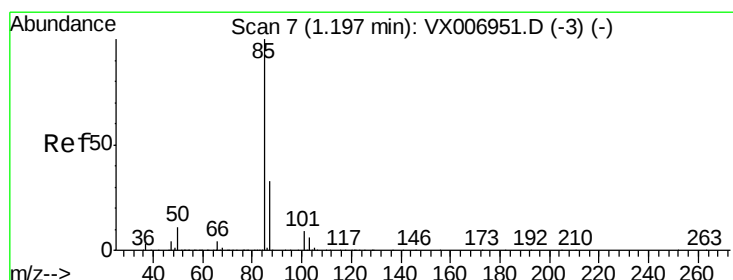
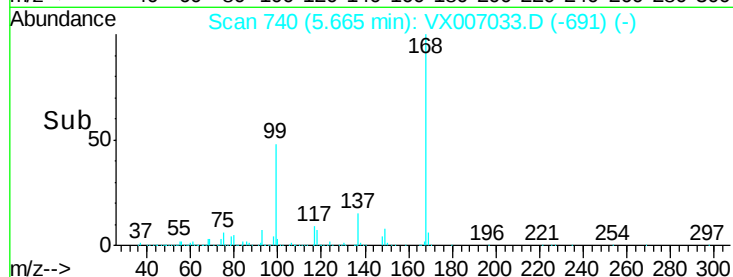
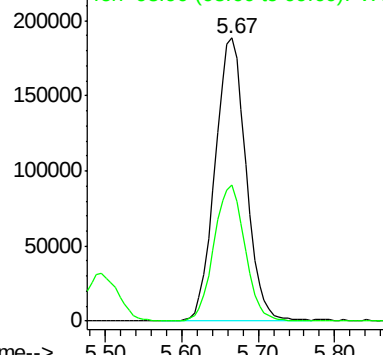
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 21.153 ug/l

RT: 1.20 min Scan# 7

Delta R.T. 0.00 min

Lab File: VX007033.D

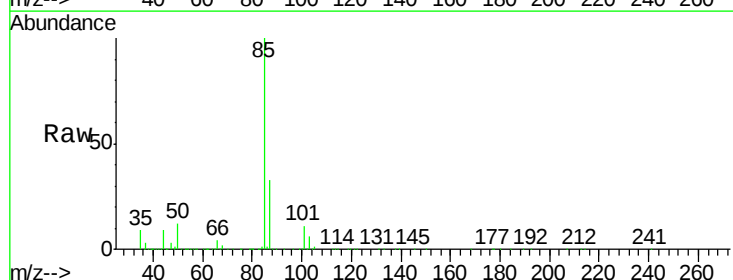
Acq: 14 Jan 2019 12:30

Tgt Ion: 85 Resp: 92009

Ion Ratio Lower Upper

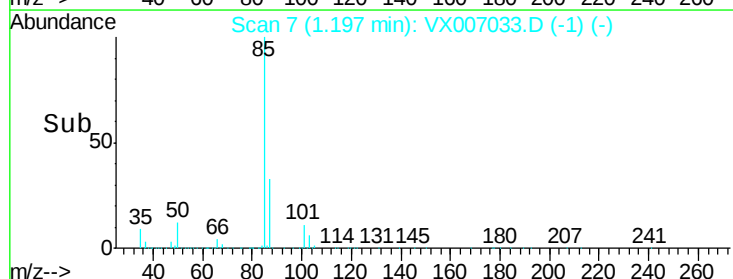
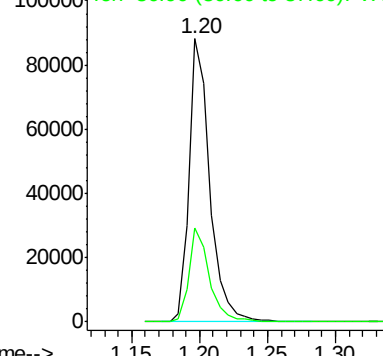
85 100

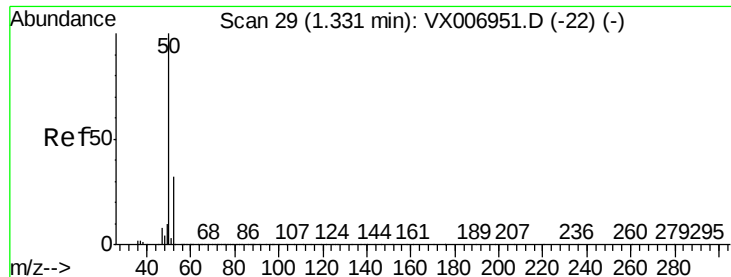
87 33.2 15.9 47.6



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 20.977 ug/l

RT: 1.33 min Scan# 29

Delta R.T. 0.00 min

Lab File: VX007033.D

Acq: 14 Jan 2019 12:30

Instrument :

MSVOA_X

ClientSampleId :

VX0114WBS01

Tot Ion: 50 Resp: 106220

Ion Ratio Lower Upper

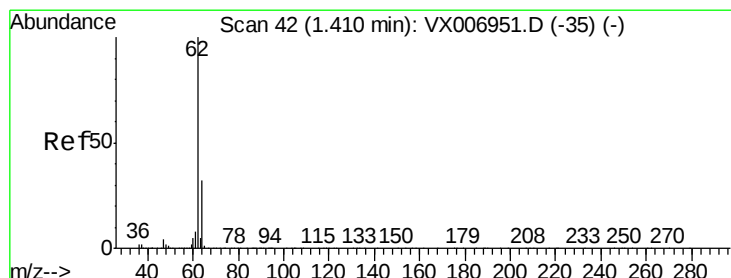
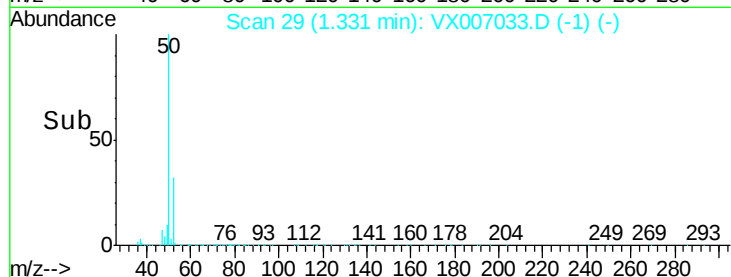
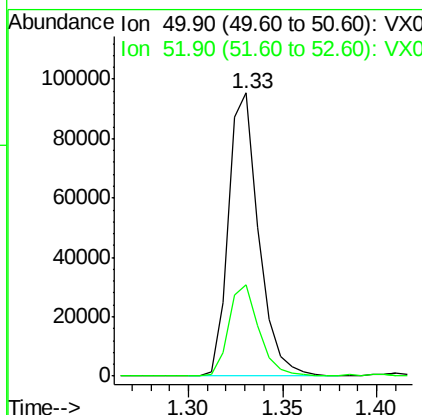
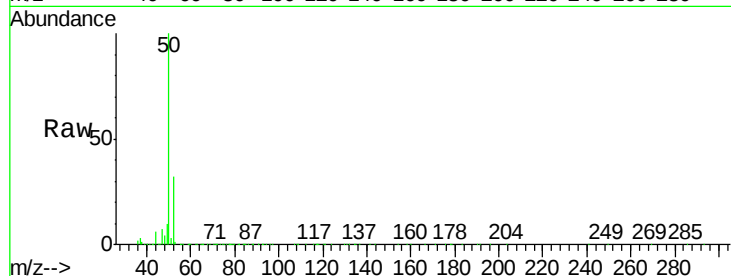
50 100

52 32.0 25.4 38.2

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#4

Vinyl Chloride

Concen: 19.616 ug/l

RT: 1.41 min Scan# 42

Delta R.T. 0.00 min

Lab File: VX007033.D

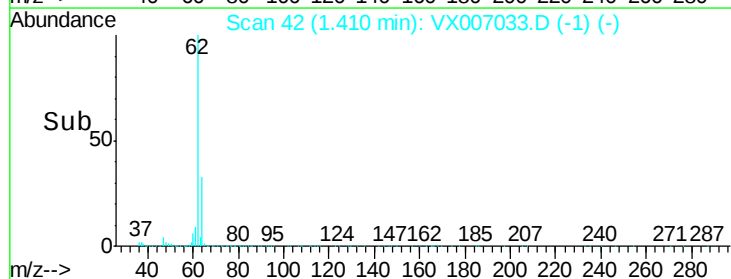
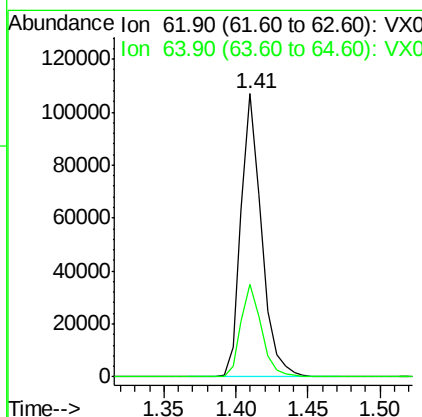
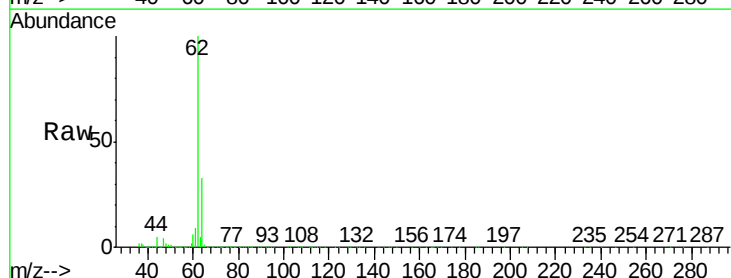
Acq: 14 Jan 2019 12:30

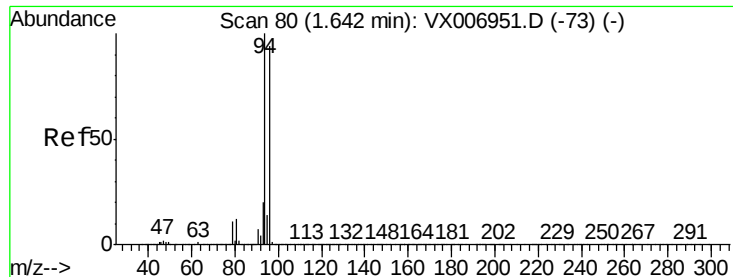
Tgt Ion: 62 Resp: 106844

Ion Ratio Lower Upper

62 100

64 32.5 25.1 37.7





#5

Bromomethane

Concen: 19.076 ug/l

RT: 1.64 min Scan# 80

Delta R.T. 0.00 min

Lab File: VX007033.D

Acq: 14 Jan 2019 12:30

Instrument :

MSVOA_X

ClientSampleId :

VX0114WBS01

Tot Ion: 94 Resp: 111014

Ion Ratio Lower Upper

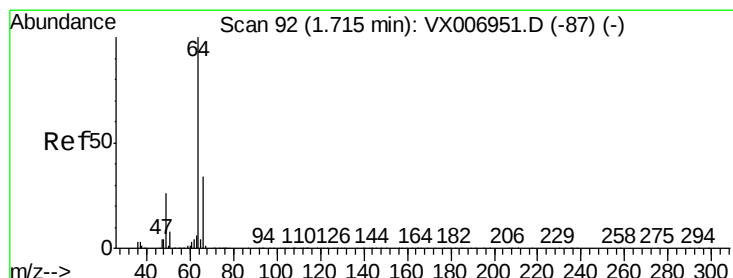
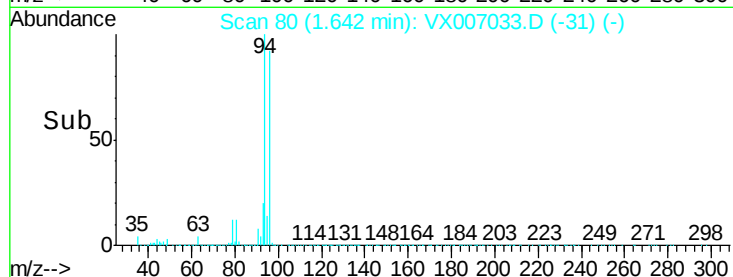
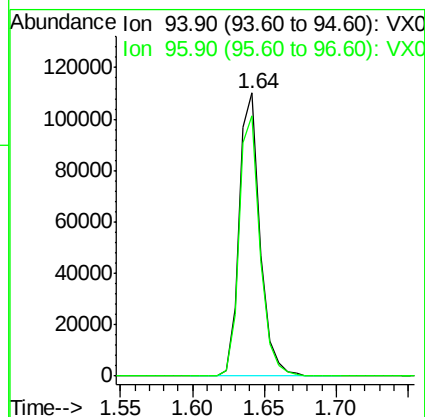
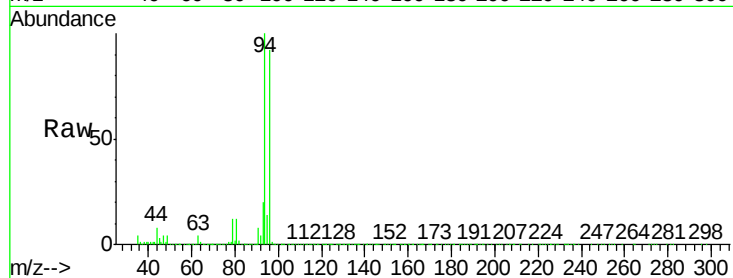
94 100

96 92.1 73.4 110.2

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#6

Chloroethane

Concen: 18.718 ug/l

RT: 1.72 min Scan# 93

Delta R.T. 0.01 min

Lab File: VX007033.D

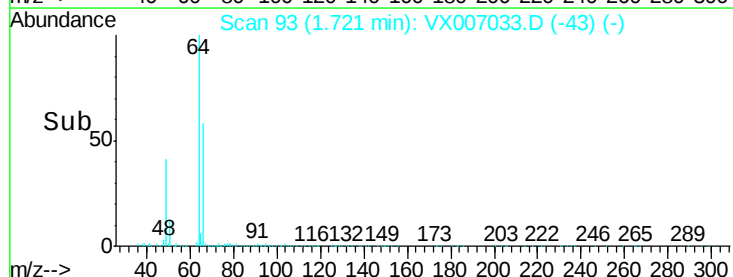
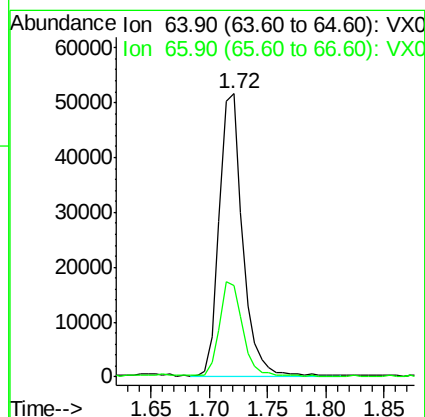
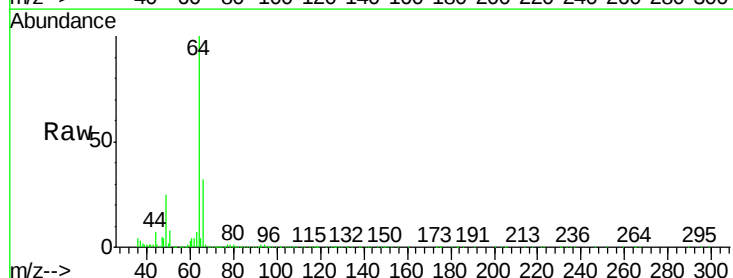
Acq: 14 Jan 2019 12:30

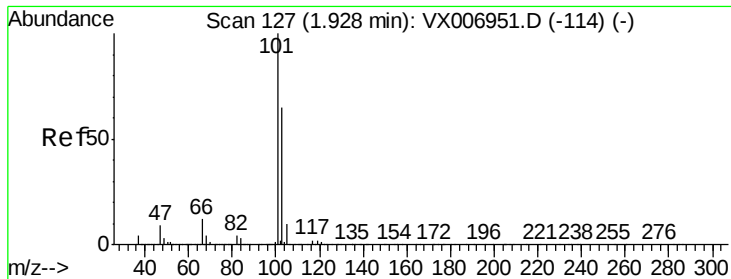
Tgt Ion: 64 Resp: 71188

Ion Ratio Lower Upper

64 100

66 32.1 26.4 39.6





#7

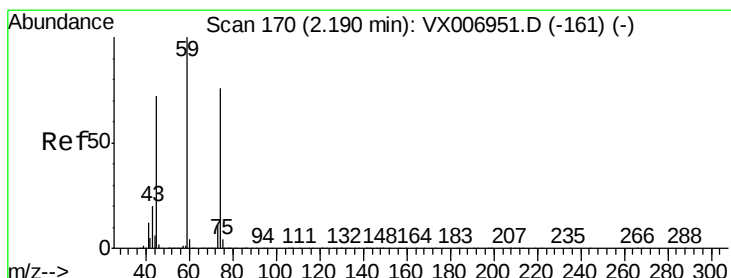
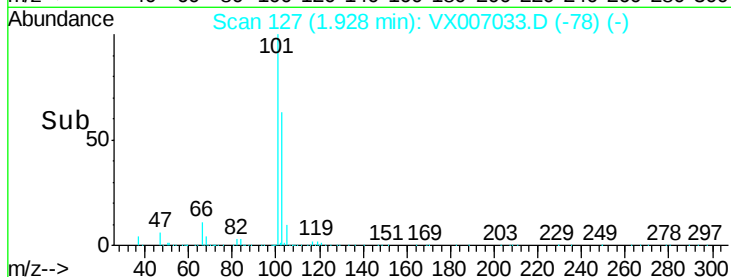
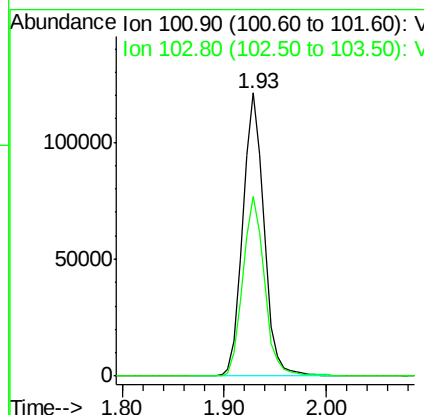
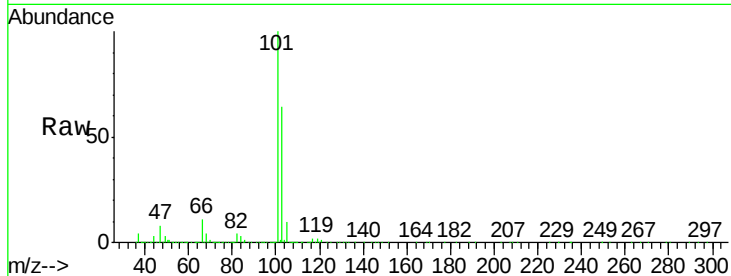
Trichlorofluoromethane
Concen: 19.678 ug/l
RT: 1.93 min Scan# 127
Delta R.T. 0.00 min
Lab File: VX007033.D
Acq: 14 Jan 2019 12:30

Instrument :
MSVOA_X
ClientSampled :
VX0114WBS01

Tot Ion	Ratio	Lower	Upper
101	100		
103	63.4	53.2	79.8

Manual Integrations
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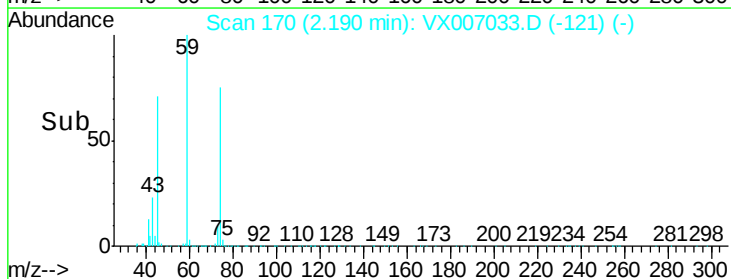
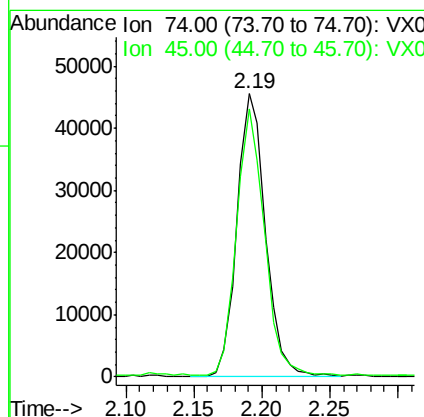
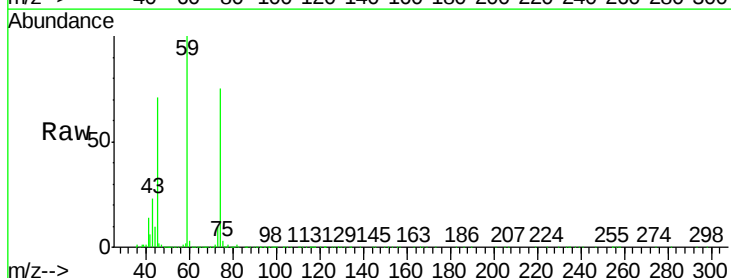
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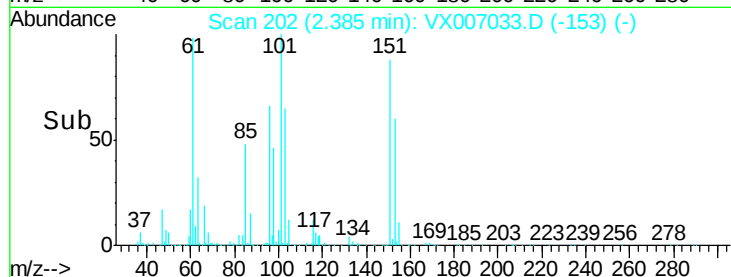
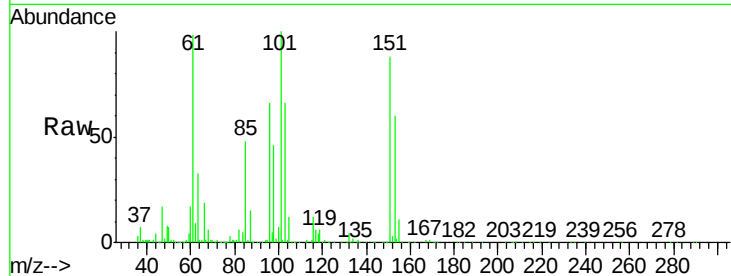
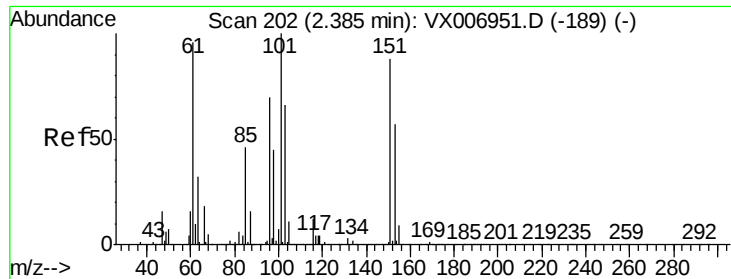


#8

Diethyl Ether
Concen: 18.862 ug/l
RT: 2.19 min Scan# 170
Delta R.T. 0.00 min
Lab File: VX007033.D
Acq: 14 Jan 2019 12:30

Tgt Ion	Ratio	Lower	Upper
74	100		
45	92.6	46.3	138.9





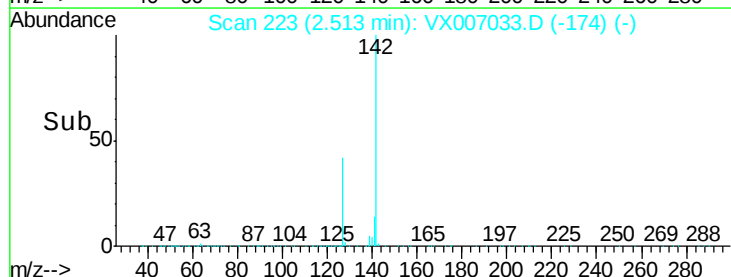
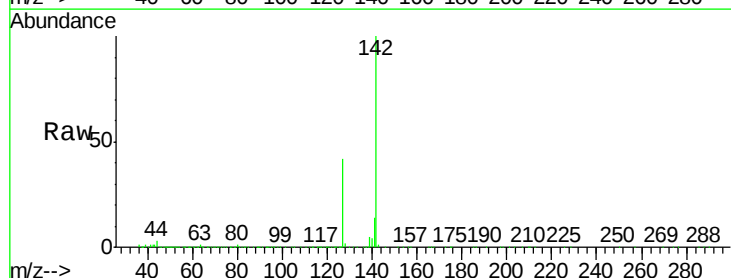
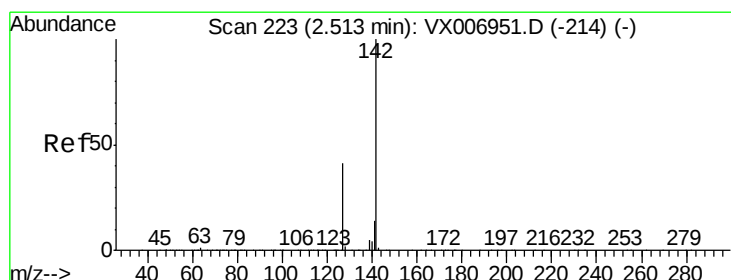
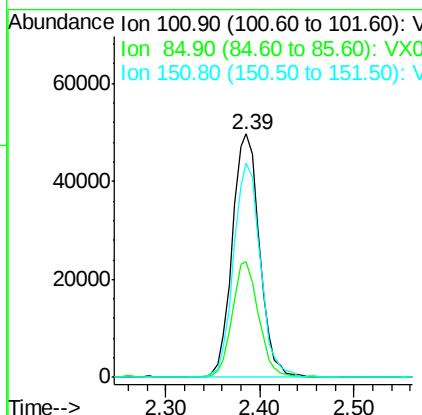
#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.028 ug/l
RT: 2.39 min Scan# 202
Delta R.T. 0.00 min
Lab File: VX007033.D
Acq: 14 Jan 2019 12:30

Instrument :
MSVOA_X
ClientSampleId :
VX0114WBS01

Tot Ion	Ratio	Resp	Lower	Upper
101	100	100261		
85	46.0		35.1	52.7
151	86.9		68.9	103.3

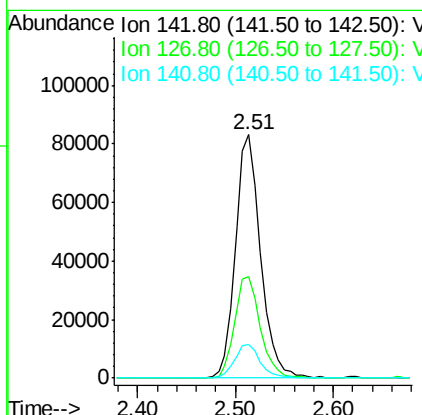
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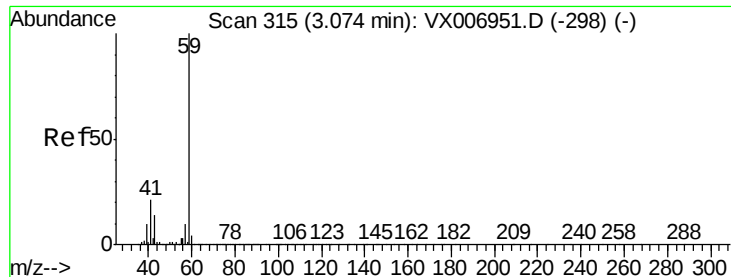
MMDadoda
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#10
Methyl Iodide
Concen: 20.857 ug/l
RT: 2.51 min Scan# 223
Delta R.T. 0.00 min
Lab File: VX007033.D
Acq: 14 Jan 2019 12:30

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	148243		
127	43.1		33.9	50.9
141	14.1		11.4	17.0





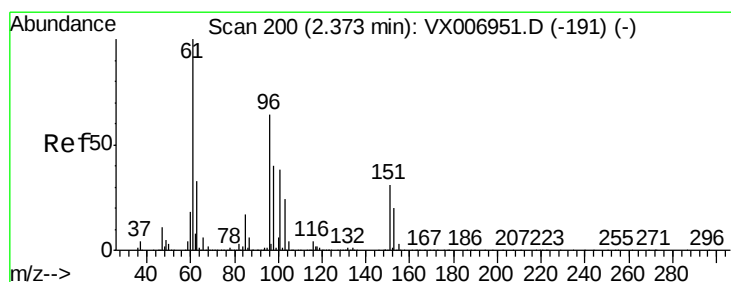
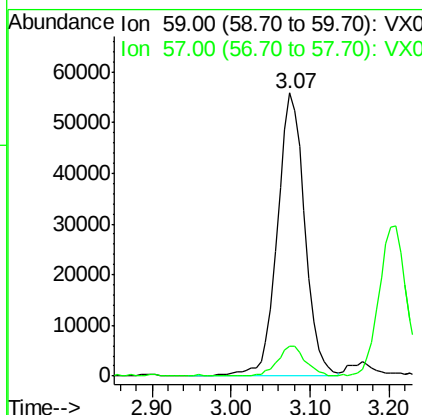
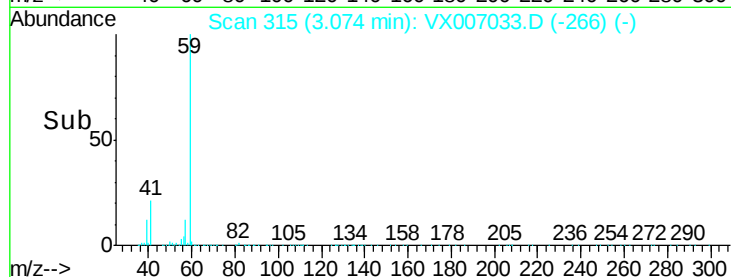
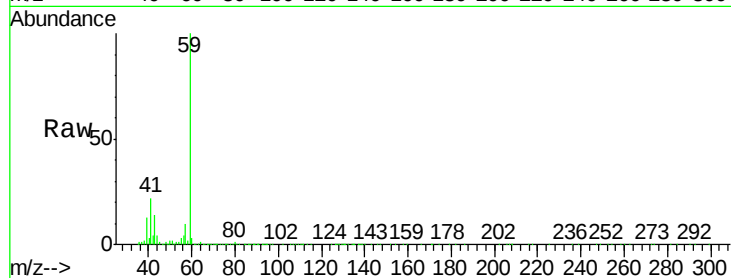
#11
Tert butyl alcohol
Concen: 102.894 ug/l
RT: 3.07 min Scan# 315
Delta R.T. 0.00 min
Lab File: VX007033.D
Acq: 14 Jan 2019 12:30

Instrument :
MSVOA_X
ClientSampleId :
VX0114WBS01

Tot Ion	Ratio	Lower	Upper
59	100		
57	11.0	8.5	12.7

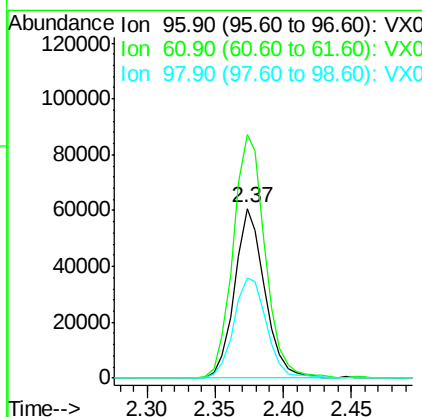
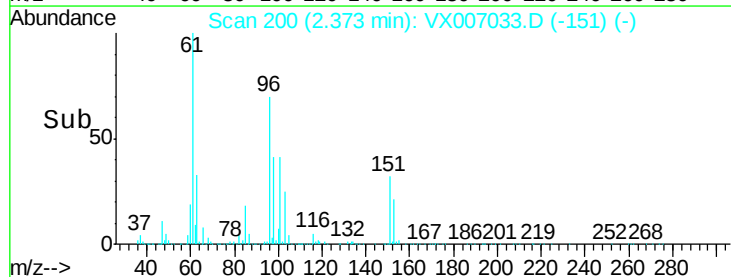
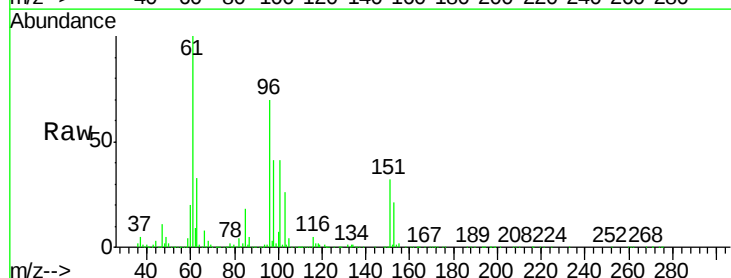
Manual Integrations
APPROVED

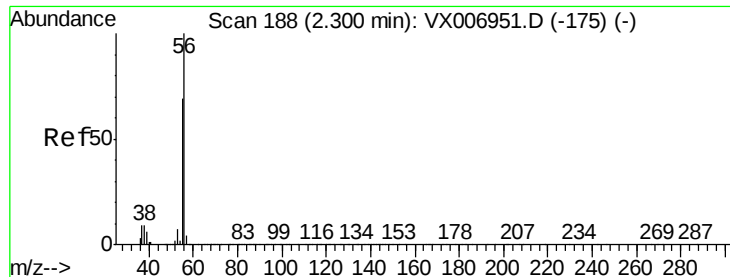
MMDadoda
1/15/2019 11:13:31 AM



#12
1,1-Dichloroethene
Concen: 19.282 ug/l
RT: 2.37 min Scan# 200
Delta R.T. 0.00 min
Lab File: VX007033.D
Acq: 14 Jan 2019 12:30

Tgt Ion	Ratio	Lower	Upper
96	100		
61	143.1	121.4	182.2
98	59.2	51.9	77.9





#13

Acrolein

Concen: 96.758 ug/l

RT: 2.30 min Scan# 188

Delta R.T. 0.00 min

Lab File: VX007033.D

Acq: 14 Jan 2019 12:30

Instrument :

MSVOA_X

ClientSampleId :

VX0114WBS01

Tot Ion: 56 Resp: 53413

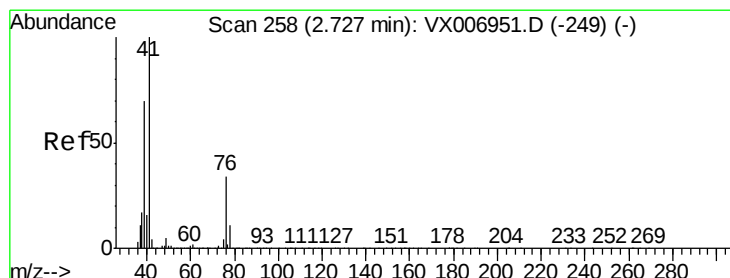
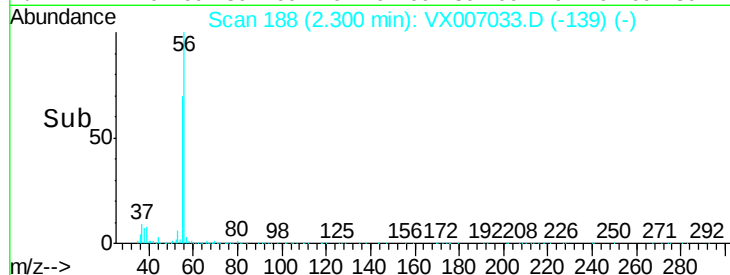
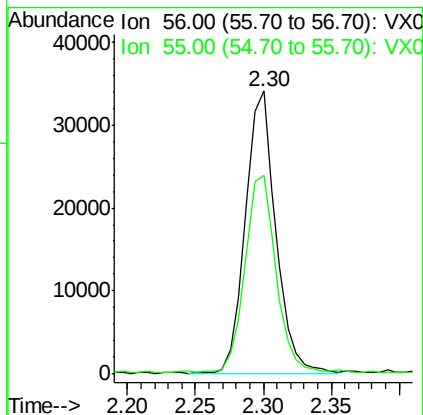
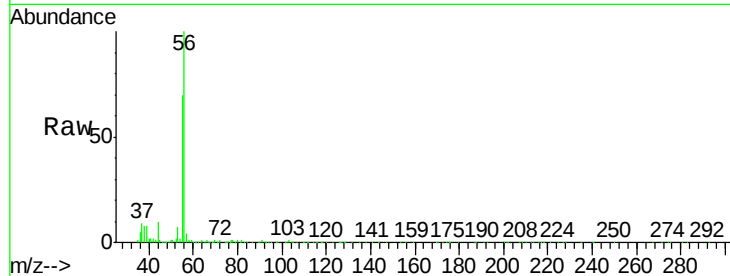
Ion Ratio Lower Upper

56 100

55 70.6 58.2 87.4

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#14

Allyl chloride

Concen: 19.850 ug/l

RT: 2.73 min Scan# 258

Delta R.T. 0.00 min

Lab File: VX007033.D

Acq: 14 Jan 2019 12:30

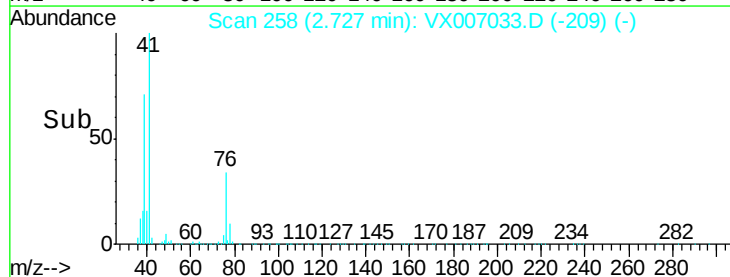
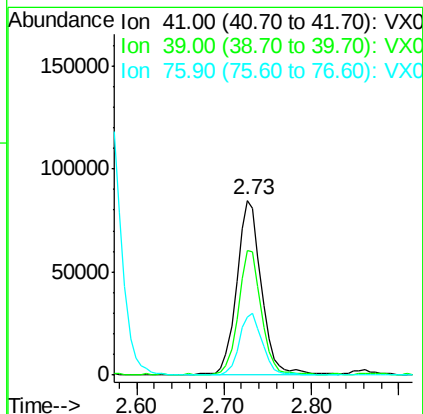
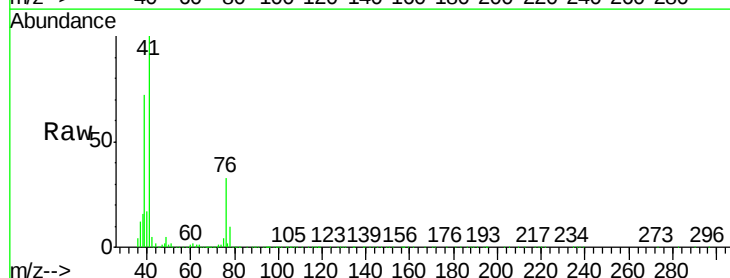
Tgt Ion: 41 Resp: 165611

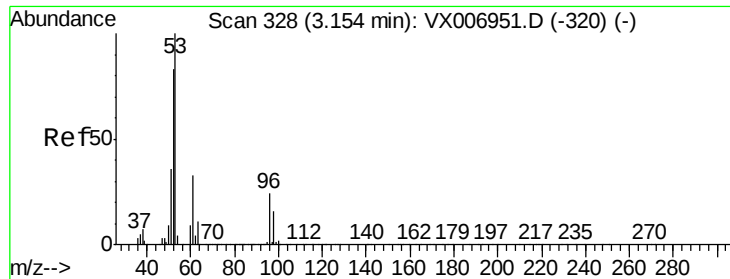
Ion Ratio Lower Upper

41 100

39 66.3 53.6 80.4

76 33.1 27.4 41.2





#15

Acrylonitrile

Concen: 100.819 ug/l

RT: 3.15 min Scan# 327

Delta R.T. -0.01 min

Lab File: VX007033.D

Acq: 14 Jan 2019 12:30

Instrument :

MSVOA_X

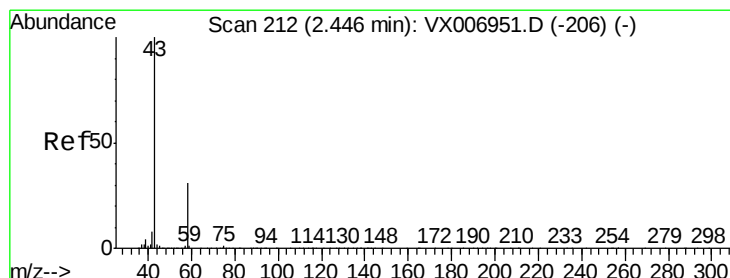
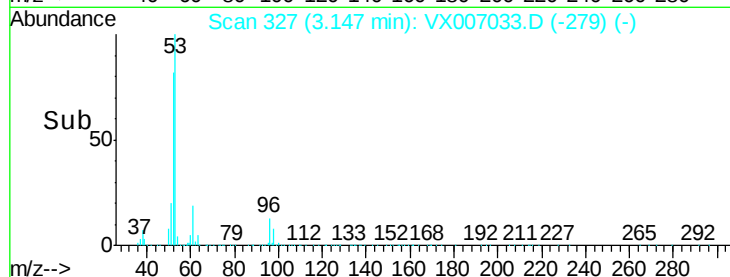
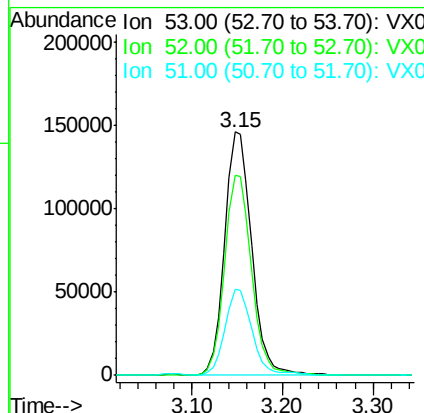
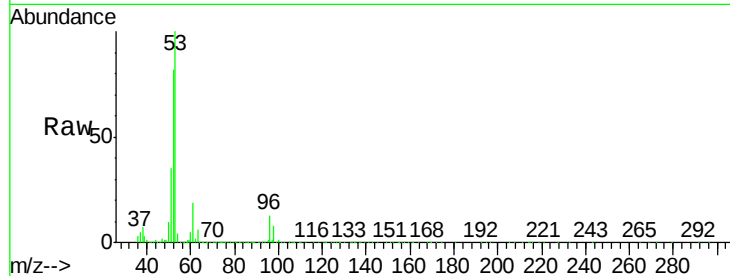
ClientSampleId :

VX0114WBS01

Tot Ion	Ratio	Lower	Upper
53	100		
52	81.6	66.0	99.0
51	35.3	28.6	42.8

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#16

Acetone

Concen: 96.359 ug/l

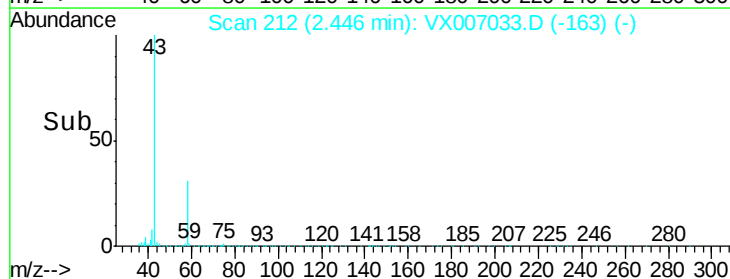
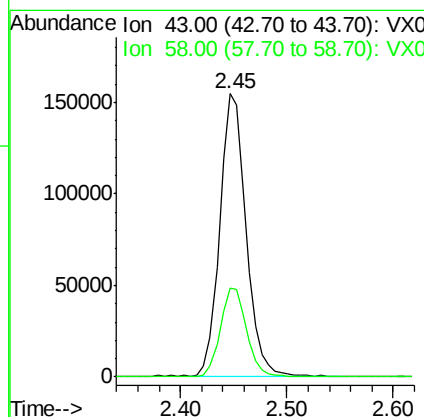
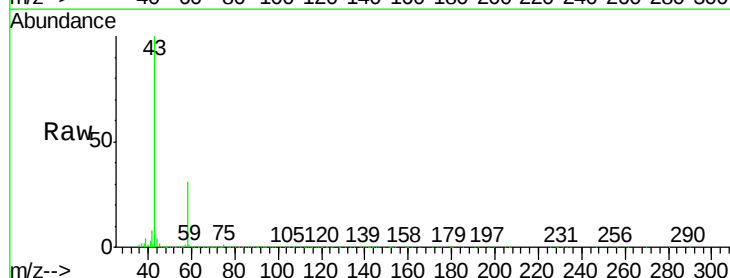
RT: 2.45 min Scan# 212

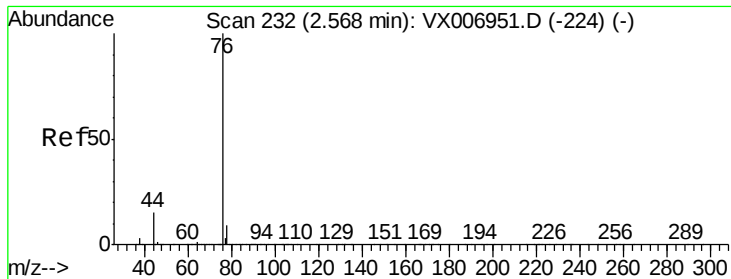
Delta R.T. 0.00 min

Lab File: VX007033.D

Acq: 14 Jan 2019 12:30

Tgt Ion	Ratio	Lower	Upper
43	100		
58	31.2	25.0	37.6





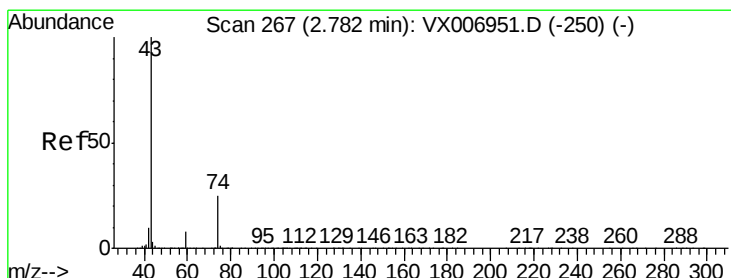
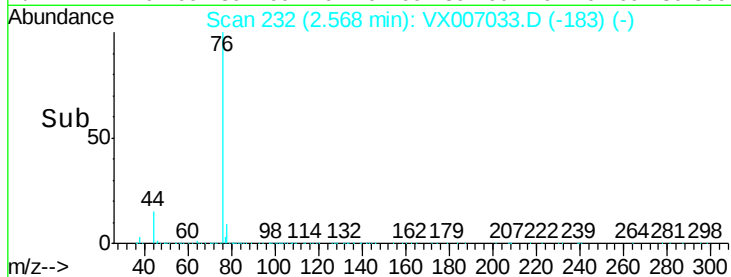
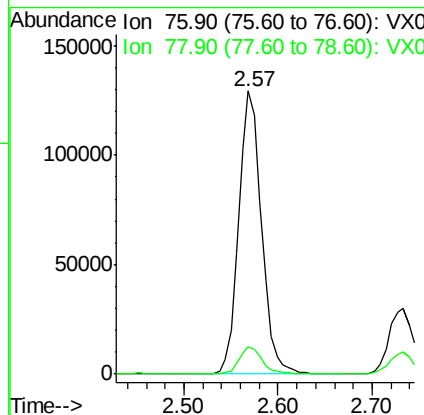
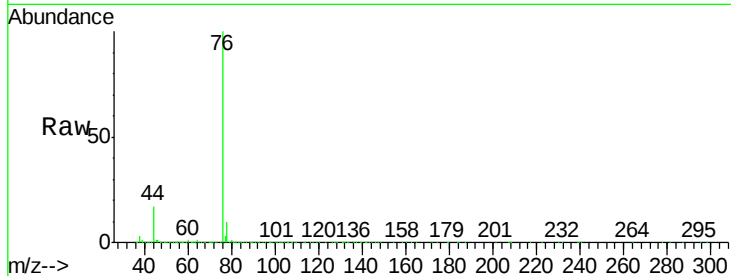
#17
Carbon Disulfide
Concen: 17.368 ug/l
RT: 2.57 min Scan# 232
Delta R.T. 0.00 min
Lab File: VX007033.D
Acq: 14 Jan 2019 12:30

Instrument :
MSVOA_X
ClientSampleId :
VX0114WBS01

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.3	7.0	10.6

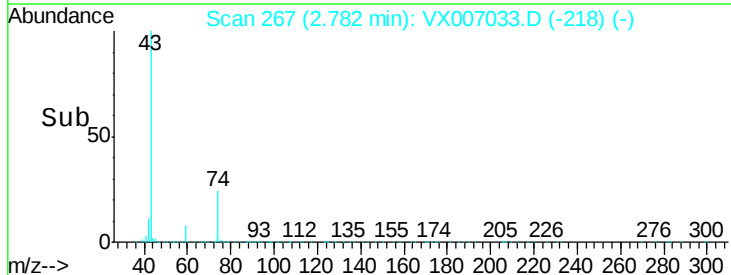
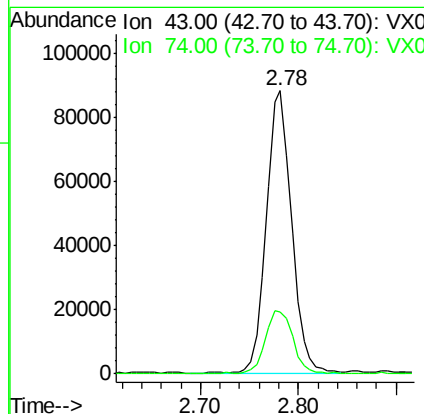
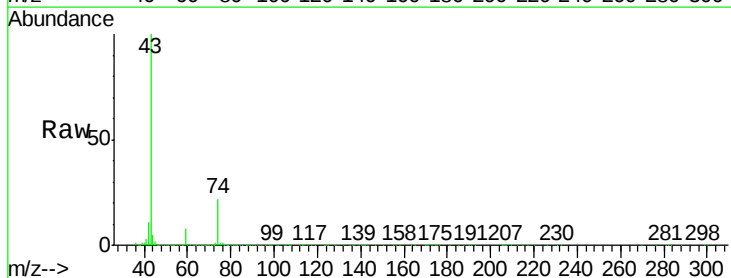
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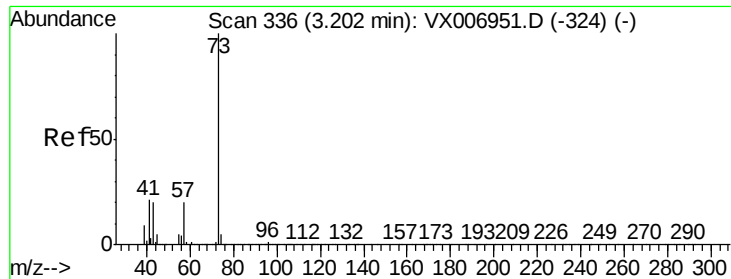
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#18
Methyl Acetate
Concen: 19.997 ug/l
RT: 2.78 min Scan# 267
Delta R.T. 0.00 min
Lab File: VX007033.D
Acq: 14 Jan 2019 12:30

Tgt Ion	Ratio	Lower	Upper
43	100		
74	24.0	18.6	28.0





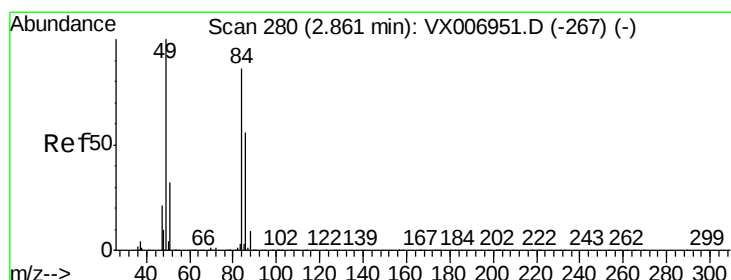
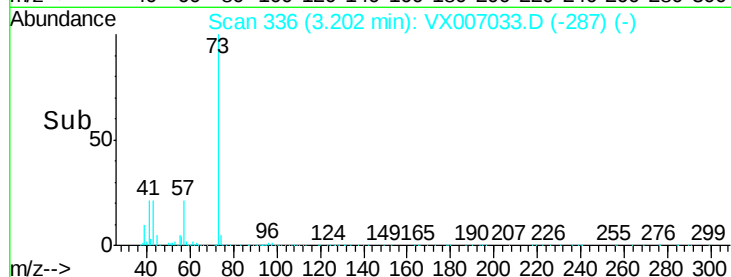
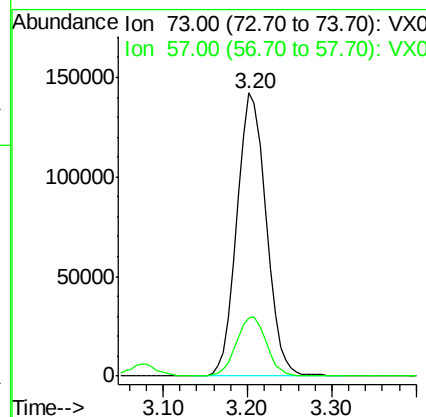
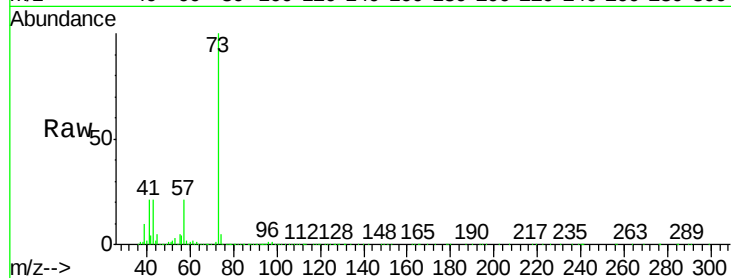
#19
Methvl tert-butvl Ether
Concen: 19.767 ug/l
RT: 3.20 min Scan# 336
Delta R.T. 0.00 min
Lab File: VX007033.D
Acq: 14 Jan 2019 12:30

Instrument :
MSVOA_X
ClientSampleId :
VX0114WBS01

Tot Ion	Ratio	Lower	Upper
73	100		
57	20.5	16.8	25.2

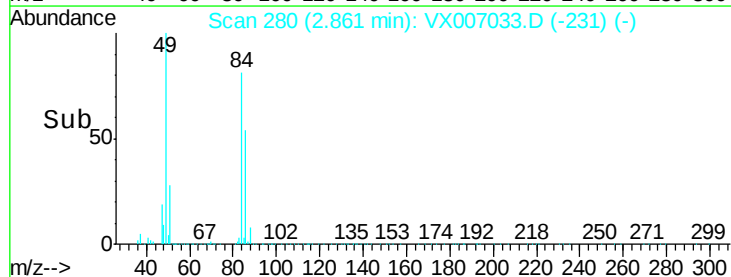
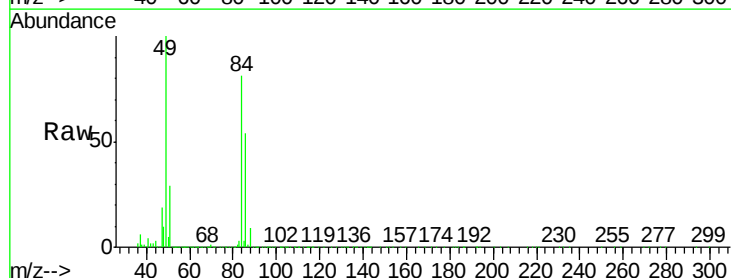
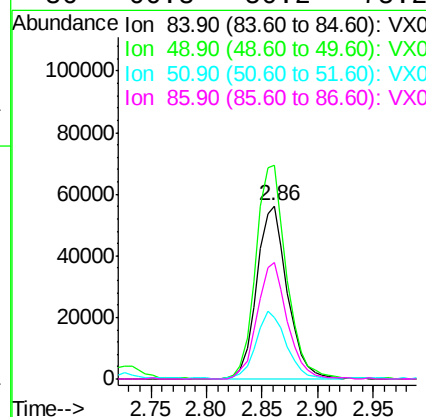
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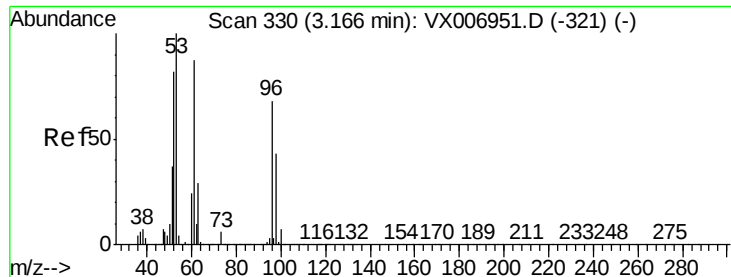
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#20
Methylene Chloride
Concen: 20.270 ug/l
RT: 2.86 min Scan# 280
Delta R.T. 0.00 min
Lab File: VX007033.D
Acq: 14 Jan 2019 12:30

Tgt Ion	Ratio	Lower	Upper
84	100		
49	123.2	91.8	137.6
51	34.9	28.5	42.7
86	66.8	50.2	75.2





#21

trans-1,2-Dichloroethene

Concen: 18.180 ug/l

RT: 3.17 min Scan# 330

Delta R.T. 0.00 min

Lab File: VX007033.D

Acq: 14 Jan 2019 12:30

Instrument :

MSVOA_X

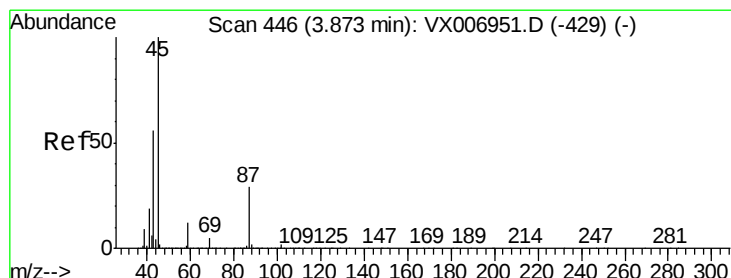
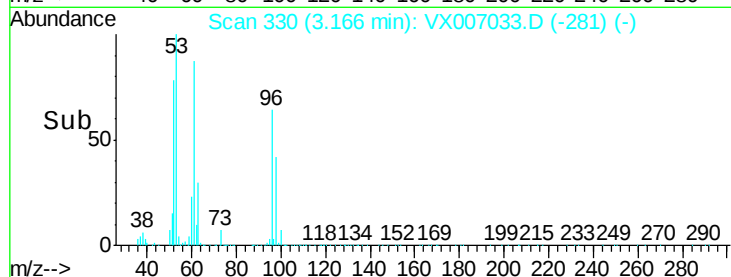
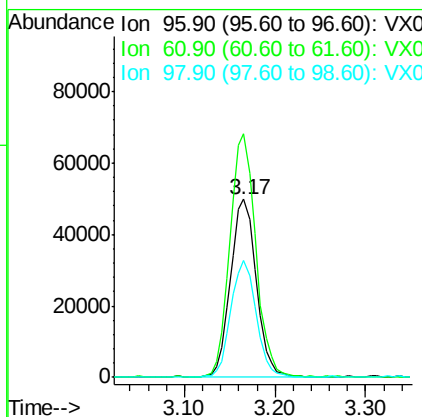
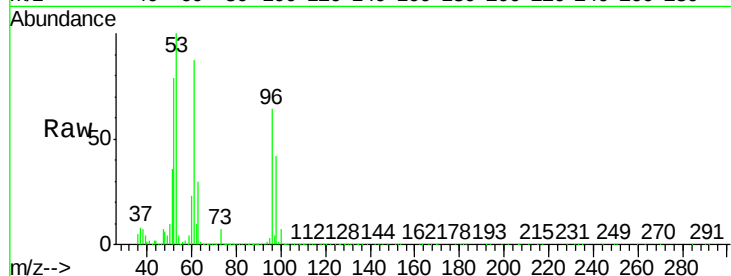
ClientSampleId :

VX0114WBS01

Tot Ion:	96	Resp:	98624
Ion Ratio	Lower	Upper	
96	100		
61	136.7	103.7	155.5
98	65.6	51.0	76.6

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#22

Diisopropyl ether

Concen: 19.537 ug/l

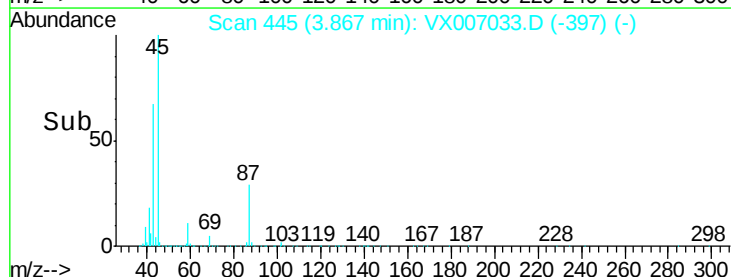
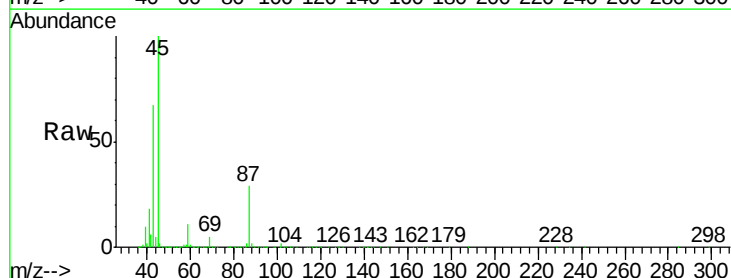
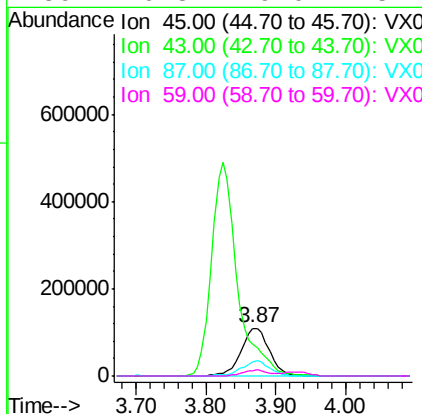
RT: 3.87 min Scan# 445

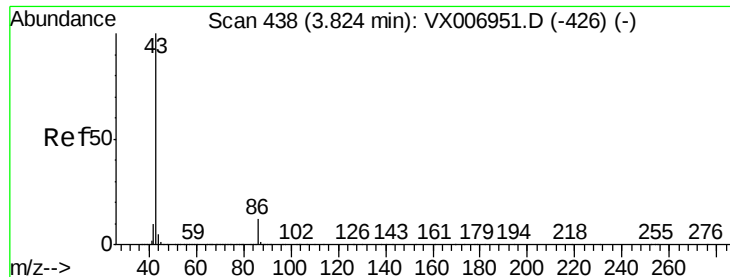
Delta R.T. -0.01 min

Lab File: VX007033.D

Acq: 14 Jan 2019 12:30

Tgt Ion:	45	Resp:	306431
Ion Ratio	Lower	Upper	
45	100		
43	66.2	51.2	76.8
87	29.0	25.8	38.6
59	10.8	9.0	13.4





#23

Vinyl Acetate

Concen: 96.115 ug/l

RT: 3.82 min Scan# 438

Delta R.T. 0.00 min

Lab File: VX007033.D

Acq: 14 Jan 2019 12:30

Instrument :

MSVOA_X

ClientSampleId :

VX0114WBS01

Tot Ion: 43 Resp: 1271331

Ion Ratio Lower Upper

43 100

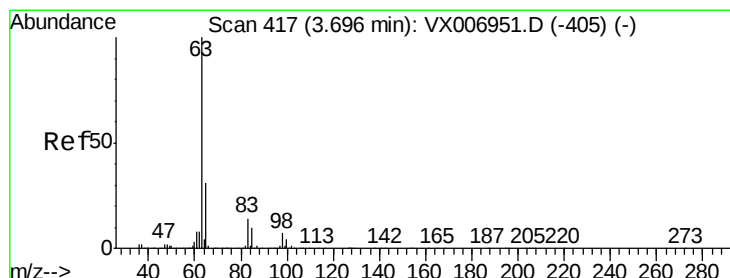
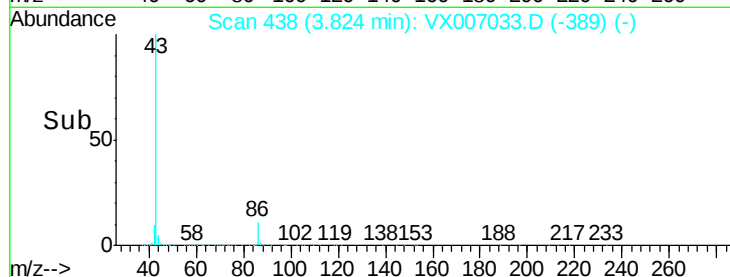
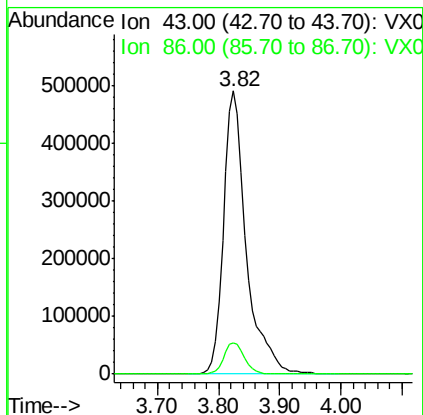
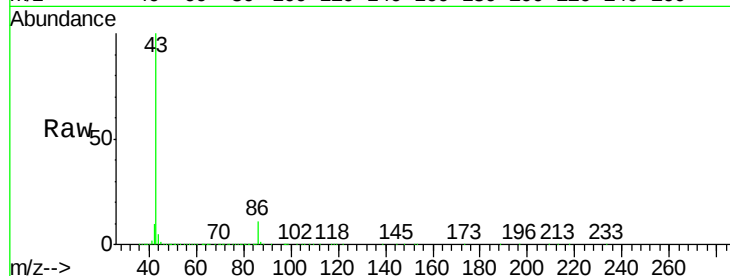
86 10.9 9.2 13.8

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#24

1,1-Dichloroethane

Concen: 19.243 ug/l

RT: 3.70 min Scan# 417

Delta R.T. 0.00 min

Lab File: VX007033.D

Acq: 14 Jan 2019 12:30

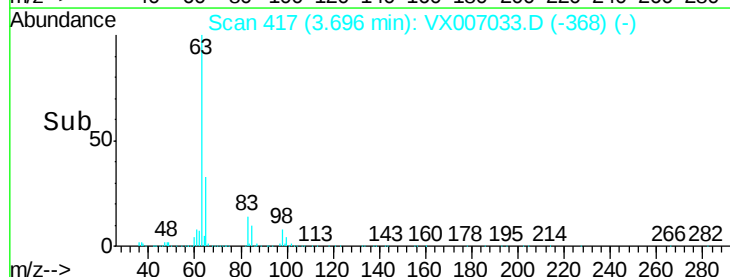
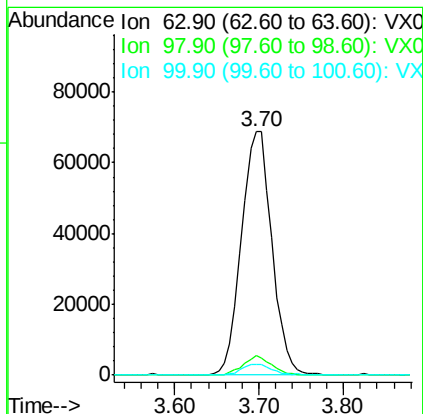
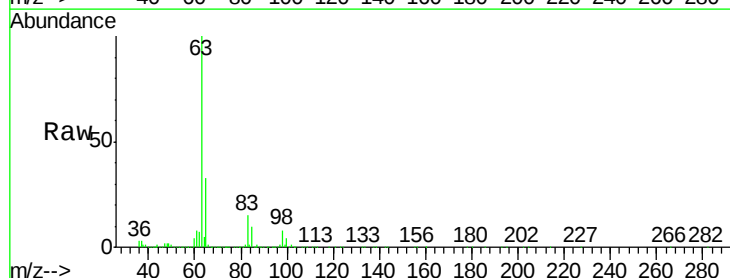
Tgt Ion: 63 Resp: 168770

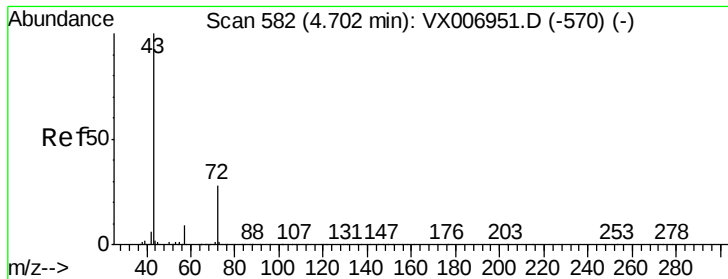
Ion Ratio Lower Upper

63 100

98 8.1 3.9 11.5

100 4.4 2.4 7.2





#25

2-Butanone

Concen: 100.234 ug/l

RT: 4.70 min Scan# 582

Delta R.T. 0.00 min

Lab File: VX007033.D

Acq: 14 Jan 2019 12:30

Instrument :

MSVOA_X

ClientSampleId :

VX0114WBS01

Tot Ion: 43 Resp: 392479

Ion Ratio Lower Upper

43 100

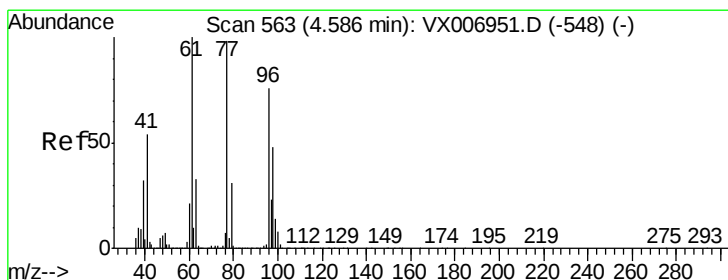
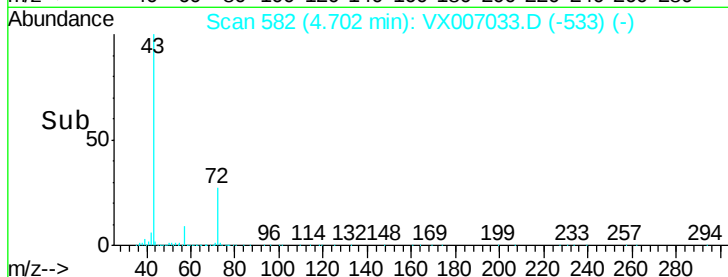
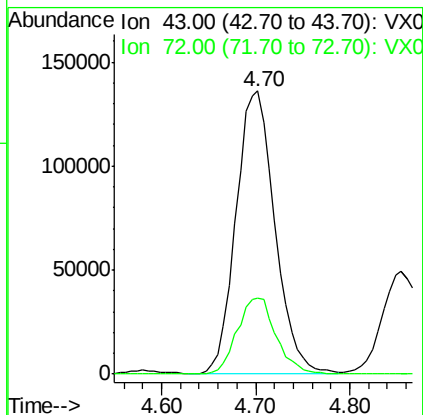
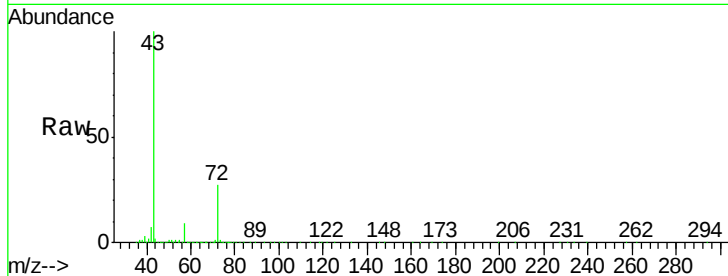
72 26.8 22.4 33.6

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#26

2,2-Dichloropropane

Concen: 18.973 ug/l

RT: 4.59 min Scan# 563

Delta R.T. 0.00 min

Lab File: VX007033.D

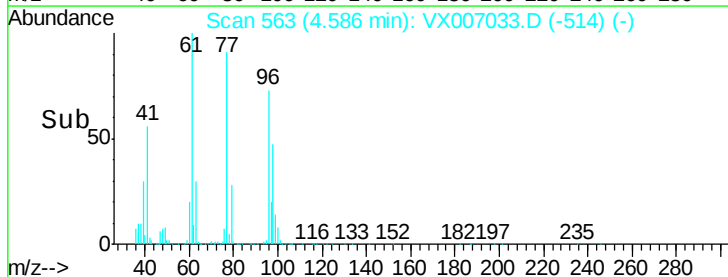
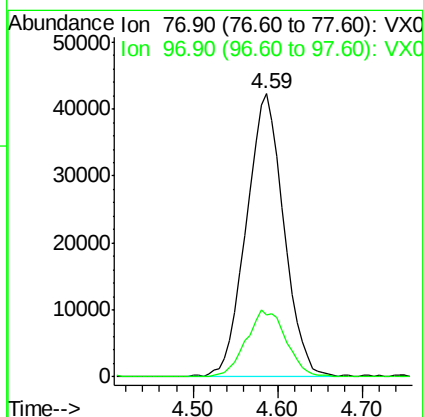
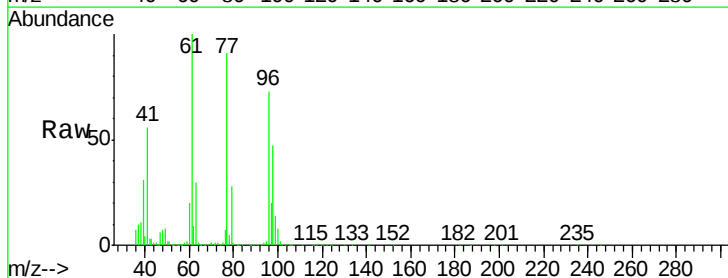
Acq: 14 Jan 2019 12:30

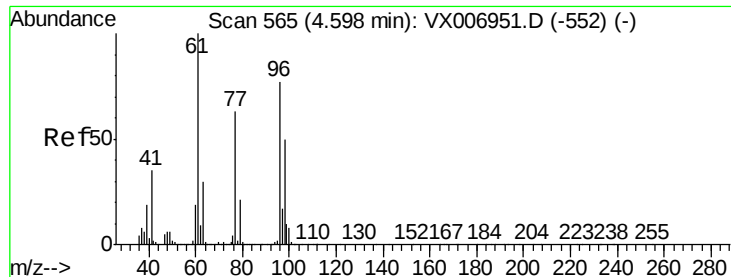
Tgt Ion: 77 Resp: 127957

Ion Ratio Lower Upper

77 100

97 25.3 12.4 37.4





#27

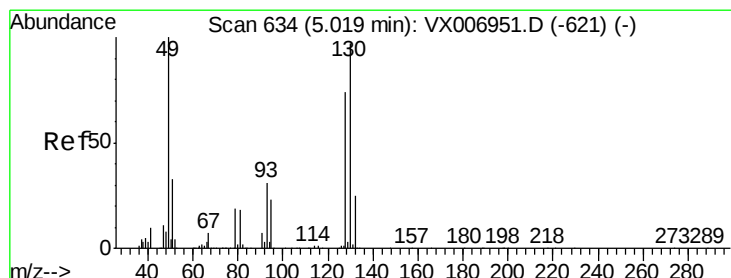
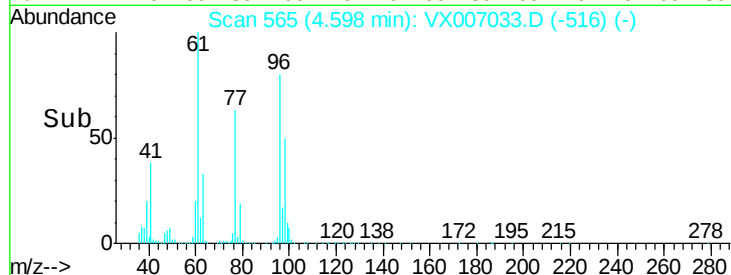
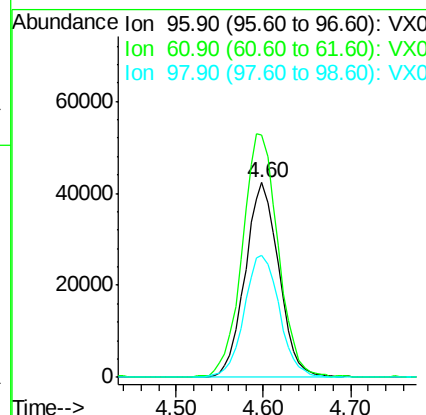
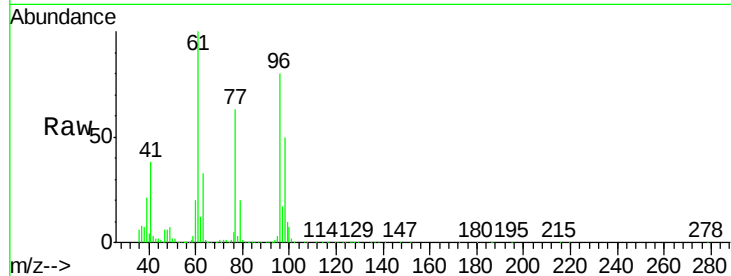
cis-1,2-Dichloroethene
Concen: 19.000 ug/l
RT: 4.60 min Scan# 565
Delta R.T. 0.00 min
Lab File: VX007033.D
Acq: 14 Jan 2019 12:30

Instrument :
MSVOA_X
ClientSampleId :
VX0114WBS01

Tot Ion	Ratio	Resp	Lower	Upper
96	100	113693		
61	132.6	0.0	258.6	
98	65.4	0.0	132.0	

Manual Integrations
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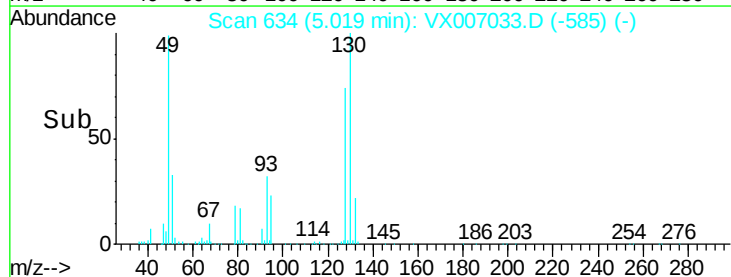
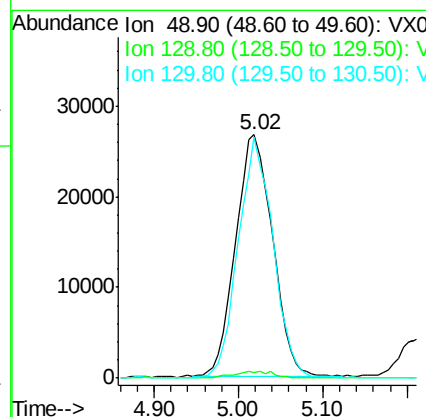
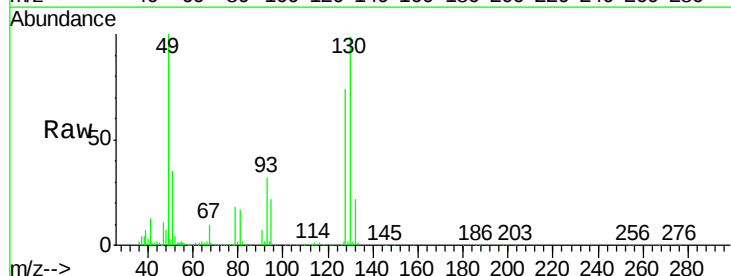
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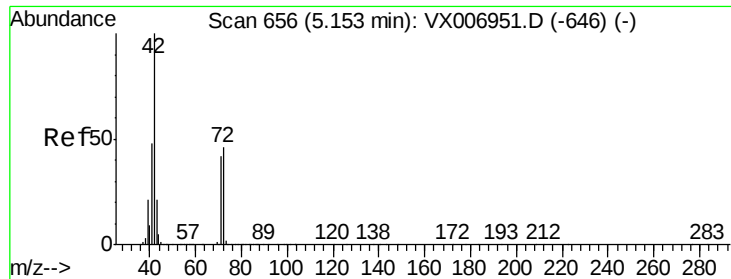


#28

Bromochloromethane
Concen: 20.826 ug/l
RT: 5.02 min Scan# 634
Delta R.T. 0.00 min
Lab File: VX007033.D
Acq: 14 Jan 2019 12:30

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	80026		
129	2.9	0.0	5.4	
130	93.0	77.7	116.5	





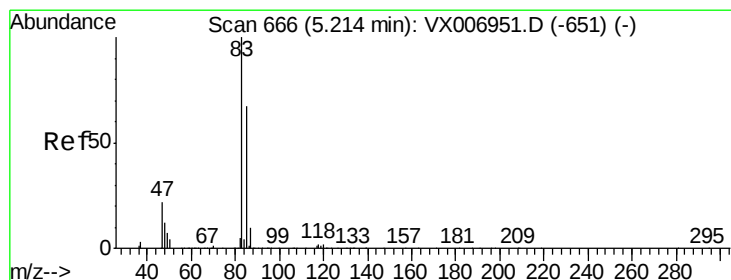
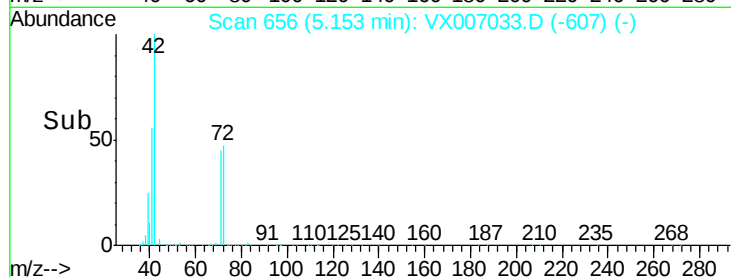
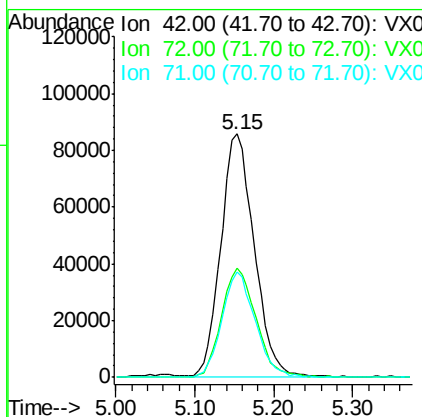
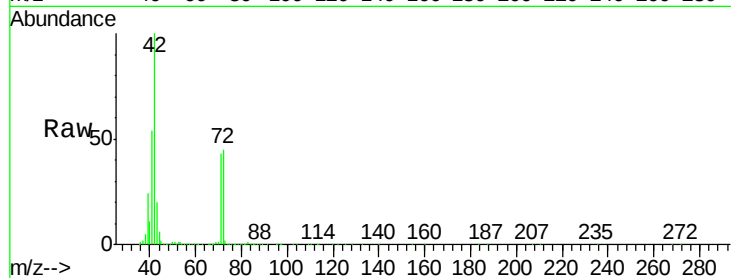
#29
Tetrahydrofuran
Concen: 98.751 ug/l
RT: 5.15 min Scan# 656
Delta R.T. 0.00 min
Lab File: VX007033.D
Acq: 14 Jan 2019 12:30

Instrument :
MSVOA_X
ClientSampleId :
VX0114WBS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	46.7	38.9	58.3
71	43.4	36.2	54.4

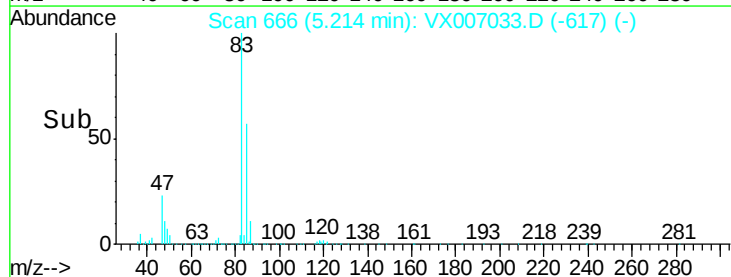
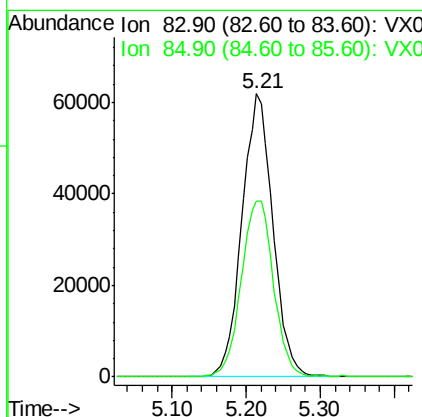
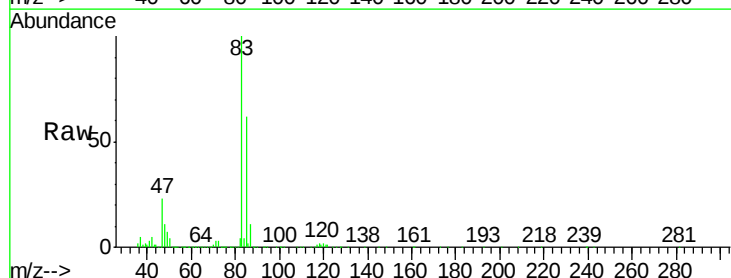
Manual Integrations
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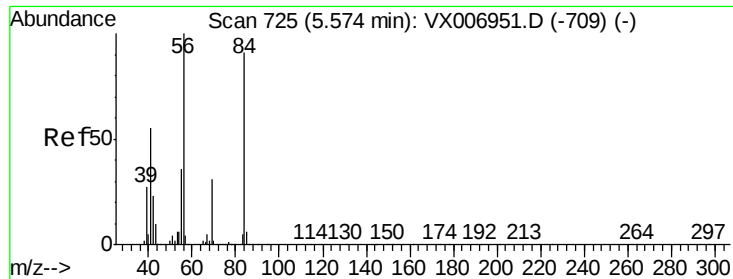
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#30
Chloroform
Concen: 19.655 ug/l
RT: 5.21 min Scan# 666
Delta R.T. 0.00 min
Lab File: VX007033.D
Acq: 14 Jan 2019 12:30

Tgt Ion	Ratio	Lower	Upper
83	100		
85	61.8	51.2	76.8





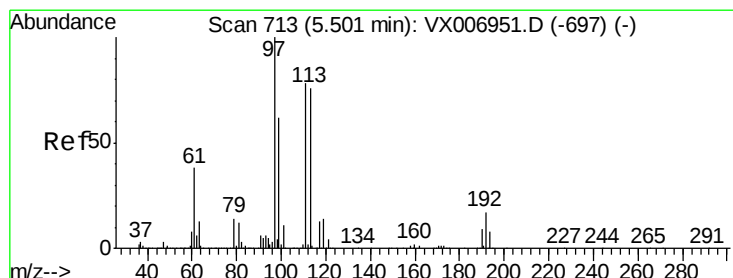
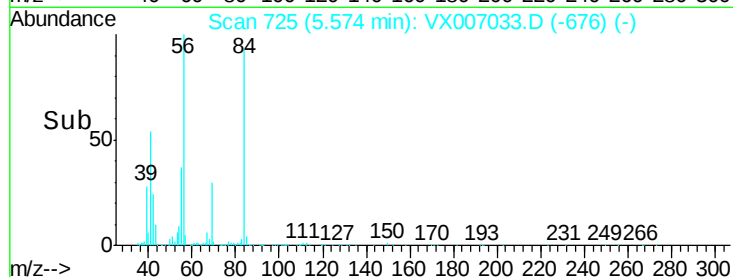
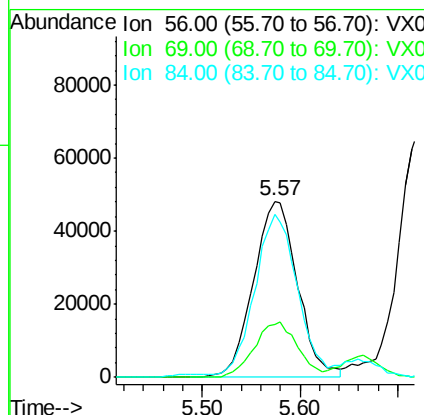
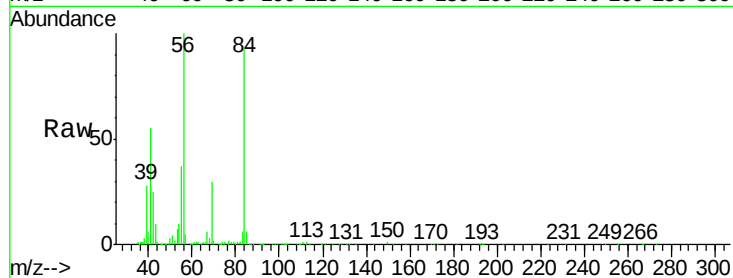
#31
Cyclohexane
Concen: 19.140 ug/l
RT: 5.57 min Scan# 725
Delta R.T. 0.00 min
Lab File: VX007033.D
Acq: 14 Jan 2019 12:30

Instrument :
MSVOA_X
ClientSampleId :
VX0114WBS01

Tot Ion	Ratio	Lower	Upper
56	100		
69	29.9	24.4	36.6
84	91.1	70.0	105.0

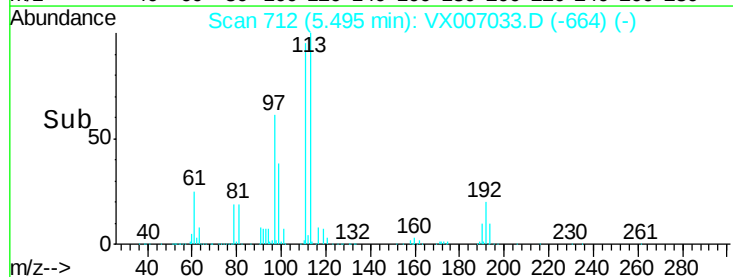
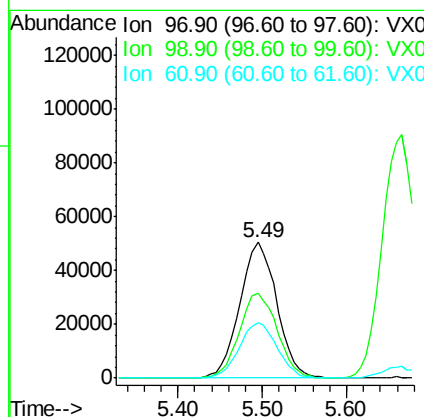
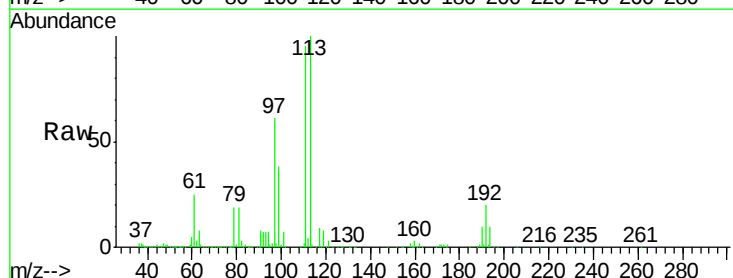
Manual Integrations
APPROVED

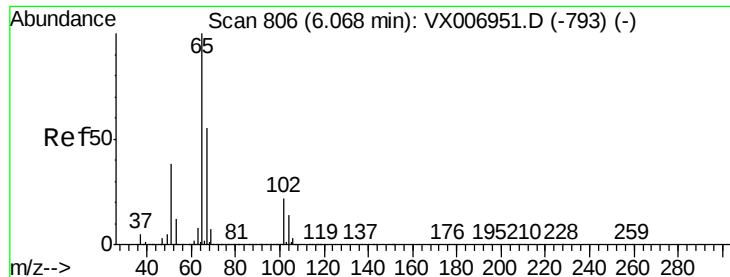
MMDadoda
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#32
1,1,1-Trichloroethane
Concen: 19.234 ug/l
RT: 5.49 min Scan# 712
Delta R.T. -0.01 min
Lab File: VX007033.D
Acq: 14 Jan 2019 12:30

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.2	51.7	77.5
61	42.3	31.3	46.9





#33

1,2-Dichloroethane-d4

Concen: 50.038 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.00 min

Lab File: VX007033.D

Acq: 14 Jan 2019 12:30

Instrument :

MSVOA_X

ClientSampleId :

VX0114WBS01

Tot Ion: 65 Resp: 276984

Ion Ratio Lower Upper

65 100

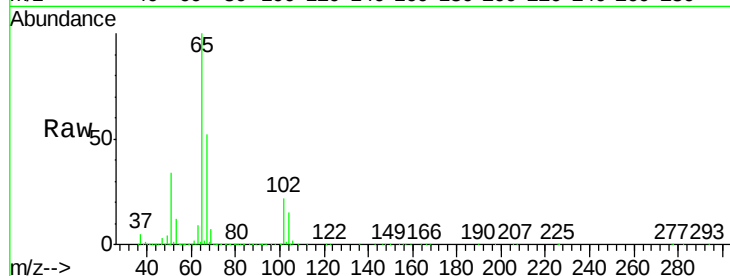
67 53.9 0.0 105.0

Manual Integrations

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Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.07

120000

100000

80000

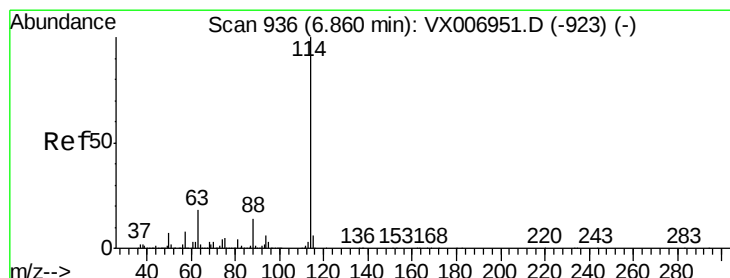
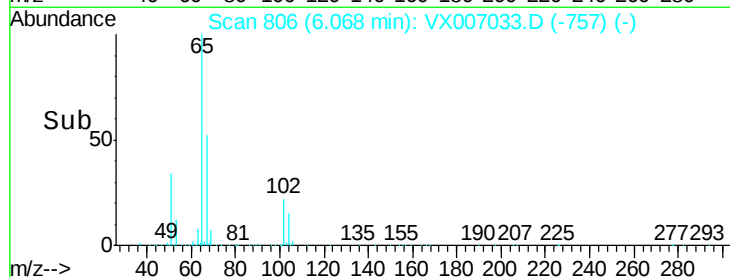
60000

40000

20000

0

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. 0.00 min

Lab File: VX007033.D

Acq: 14 Jan 2019 12:30

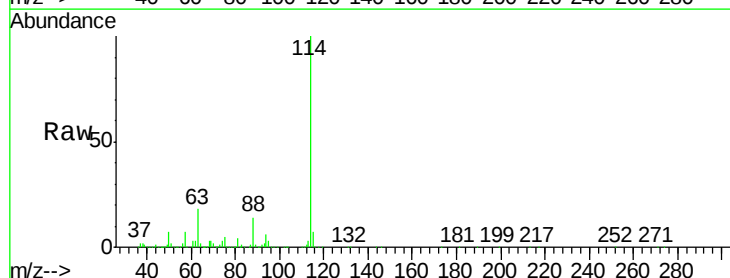
Tgt Ion: 114 Resp: 785014

Ion Ratio Lower Upper

114 100

63 18.2 0.0 34.8

88 14.0 0.0 28.8



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

6.86

400000

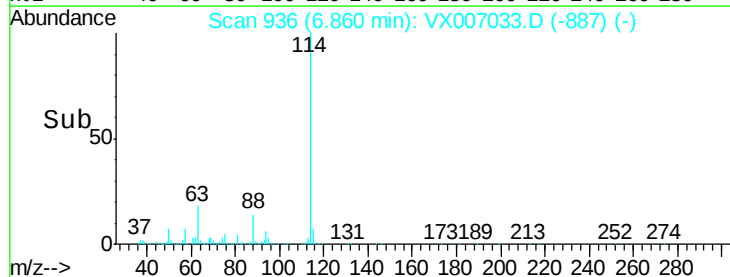
300000

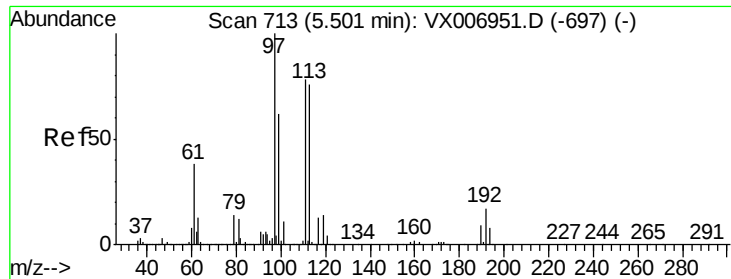
200000

100000

0

Time-->





#35

Dibromofluoromethane

Concen: 50.416 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.00 min

Lab File: VX007033.D

Acq: 14 Jan 2019 12:30

Instrument :

MSVOA_X

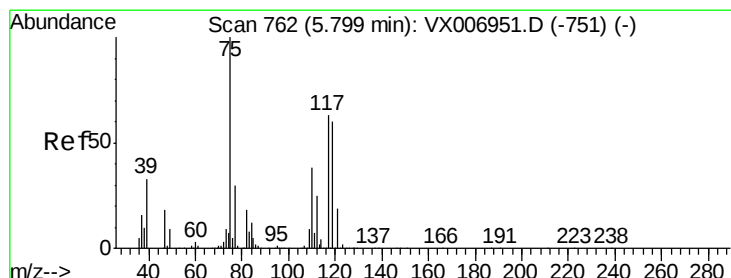
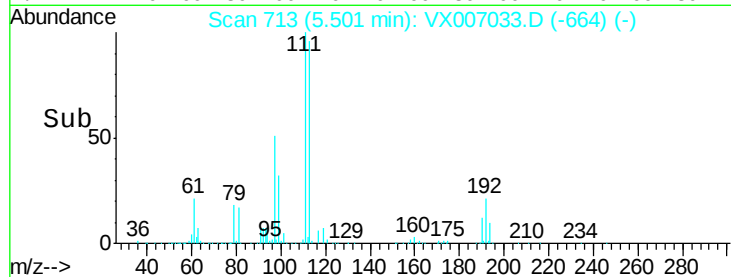
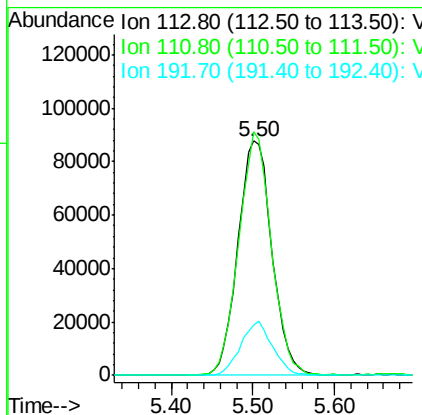
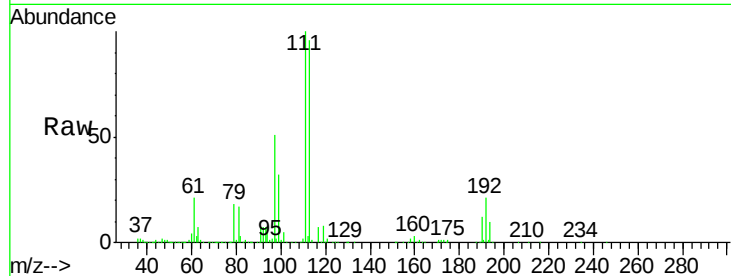
ClientSampleId :

VX0114WBS01

Tot Ion:	113	Resp:	253452
Ion Ratio	Lower	Upper	
113	100		
111	99.9	81.6	122.4
192	21.9	16.7	25.1

Manual Integrations
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#36

1,1-Dichloropropene

Concen: 18.861 ug/l

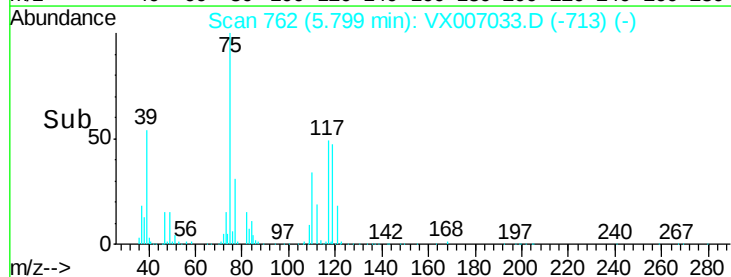
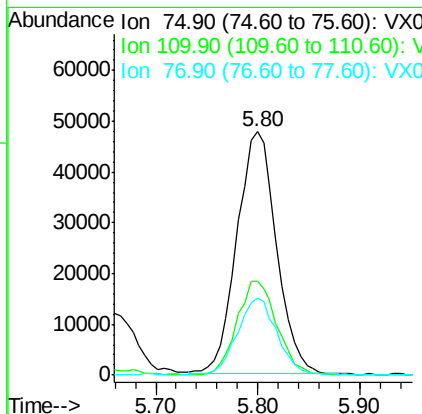
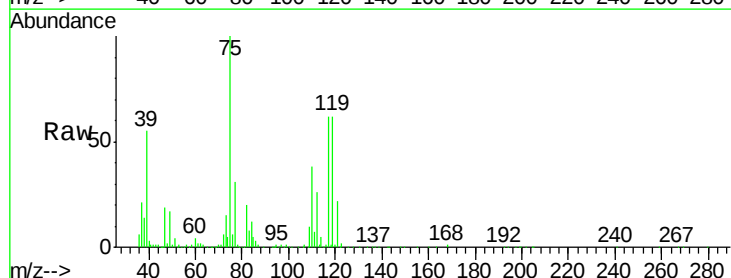
RT: 5.80 min Scan# 762

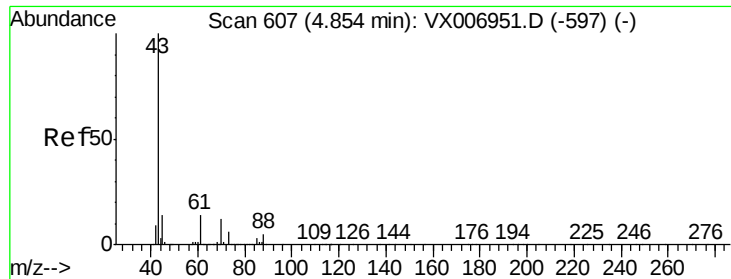
Delta R.T. 0.00 min

Lab File: VX007033.D

Acq: 14 Jan 2019 12:30

Tgt Ion:	75	Resp:	128726
Ion Ratio	Lower	Upper	
75	100		
110	39.3	20.2	60.5
77	31.3	24.8	37.2





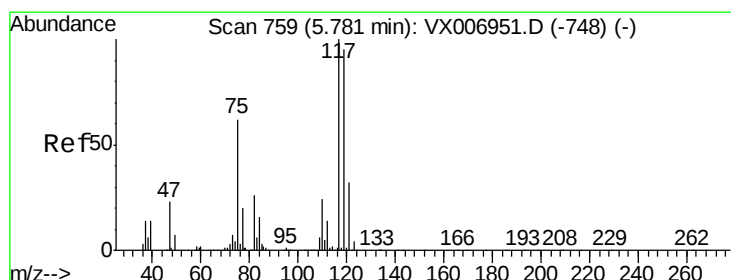
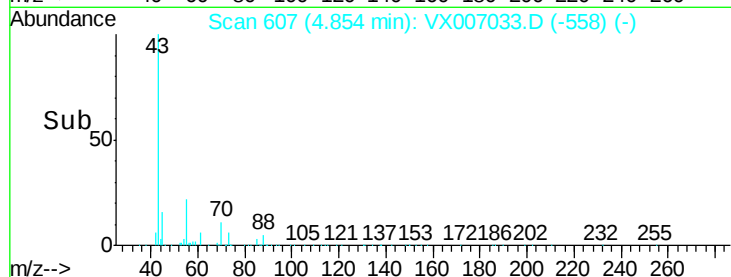
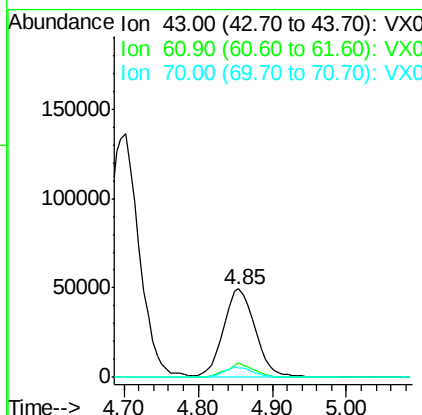
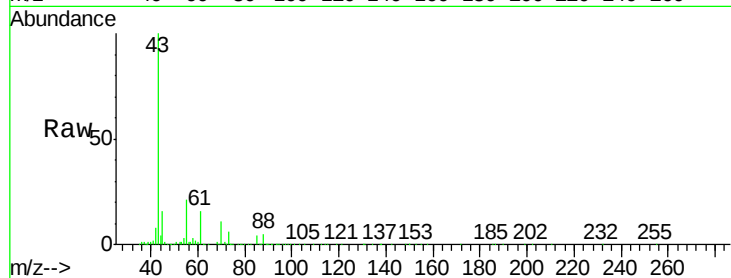
#37
Ethyl Acetate
Concen: 20.023 ug/l
RT: 4.85 min Scan# 607
Delta R.T. 0.00 min
Lab File: VX007033.D
Acq: 14 Jan 2019 12:30

Instrument :
MSVOA_X
ClientSampleId :
VX0114WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.7	11.9	17.9
70	11.3	9.7	14.5

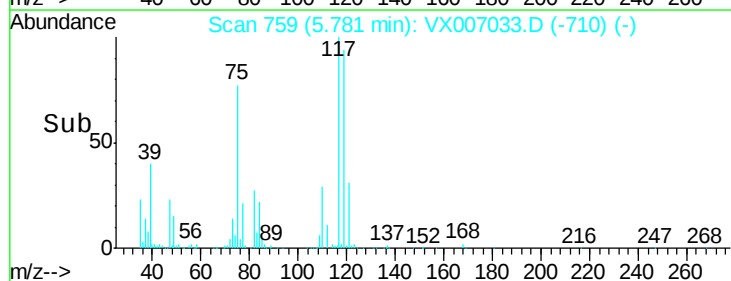
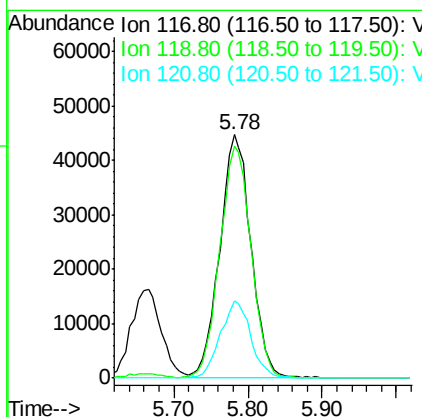
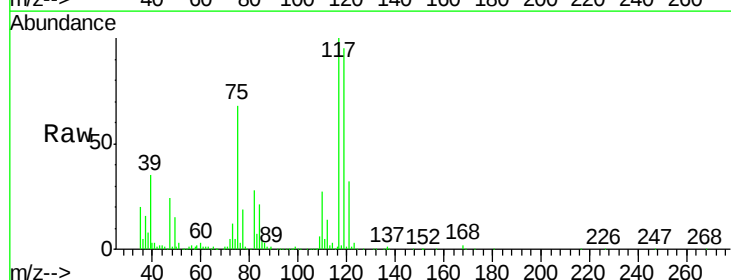
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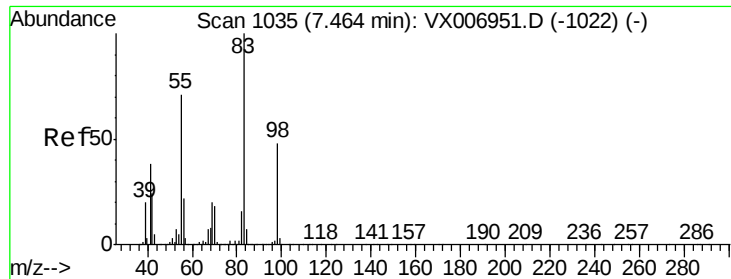
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#38
Carbon Tetrachloride
Concen: 18.995 ug/l
RT: 5.78 min Scan# 759
Delta R.T. 0.00 min
Lab File: VX007033.D
Acq: 14 Jan 2019 12:30

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.0	79.4	119.2
121	31.8	24.0	36.0





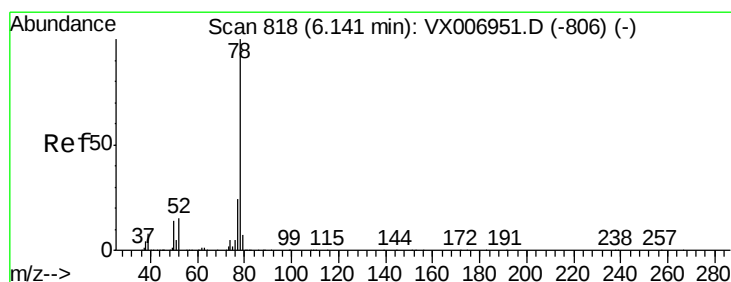
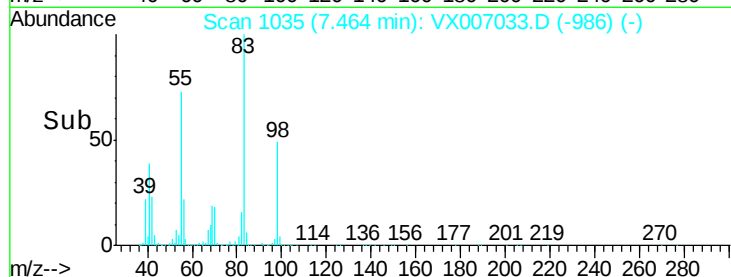
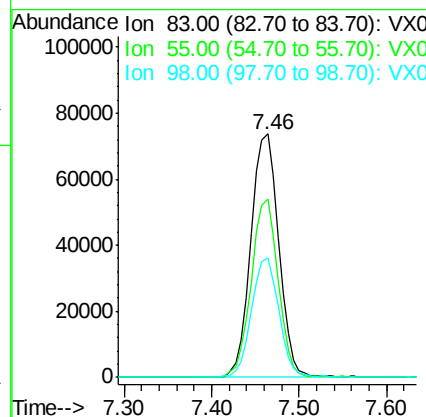
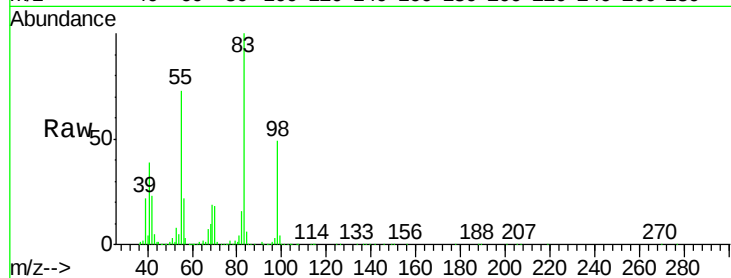
#39
Methvlcvclohexane
Concen: 18.865 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. 0.00 min
Lab File: VX007033.D
Acq: 14 Jan 2019 12:30

Instrument :
MSVOA_X
ClientSampleId :
VX0114WBS01

Tot Ion	Ratio	Lower	Upper
83	100		
55	72.9	54.9	82.3
98	48.9	37.9	56.9

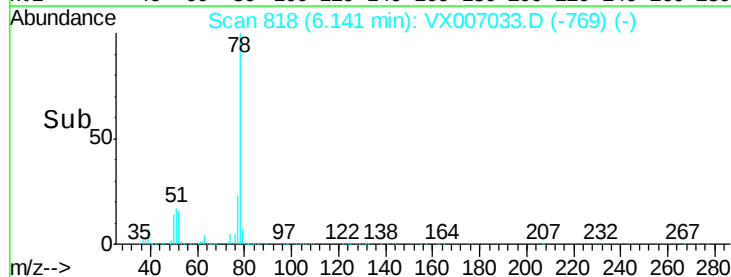
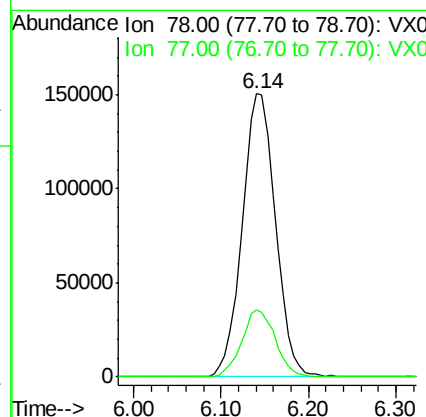
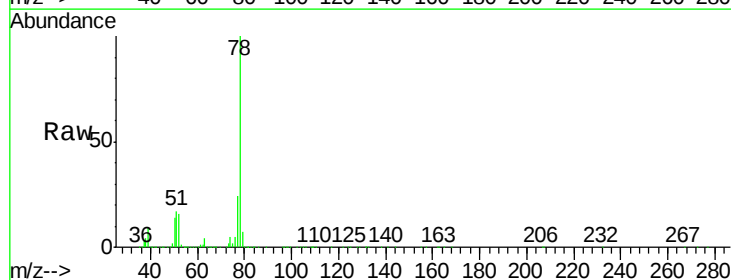
Manual Integrations
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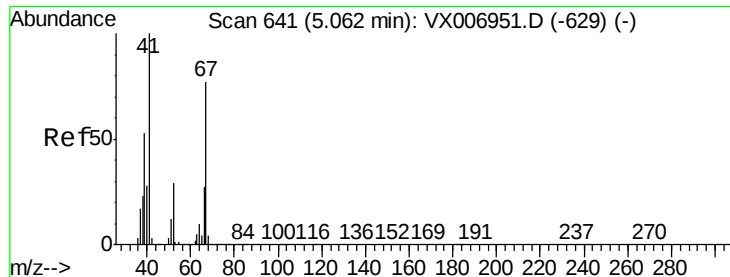
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#40
Benzene
Concen: 19.072 ug/l
RT: 6.14 min Scan# 818
Delta R.T. 0.00 min
Lab File: VX007033.D
Acq: 14 Jan 2019 12:30

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.7	19.2	28.8





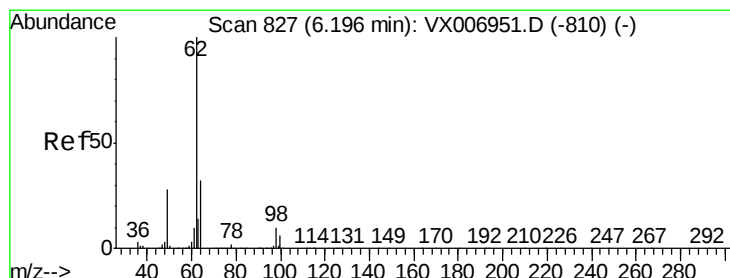
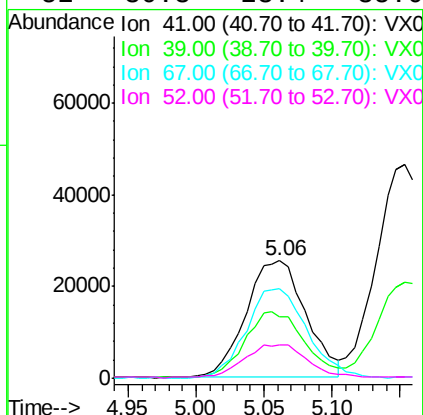
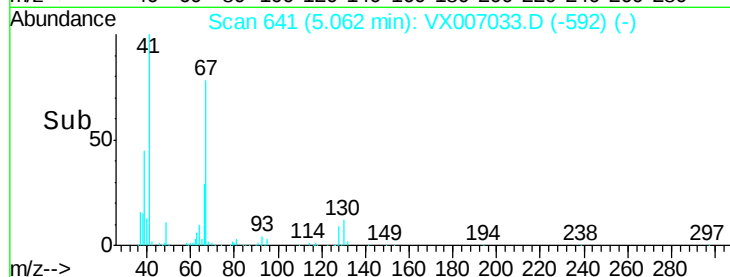
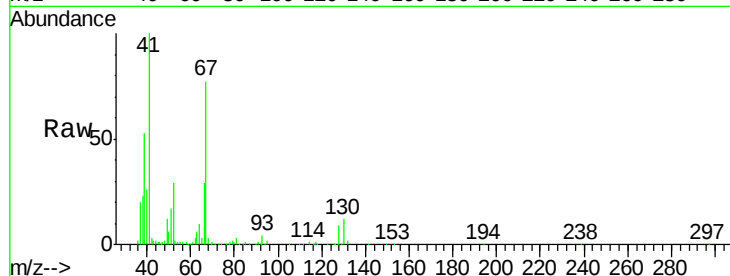
#41
Methacrylonitrile
Concen: 18.461 ug/l
RT: 5.06 min Scan# 641
Delta R.T. 0.00 min
Lab File: VX007033.D
Acq: 14 Jan 2019 12:30

Instrument :
MSVOA_X
ClientSampleId :
VX0114WBS01

Tot Ion:	41	Resp:	77819
Ion	Ratio	Lower	Upper
41	100		
39	55.9	42.8	64.2
67	78.9	62.1	93.1
52	30.3	23.4	35.0

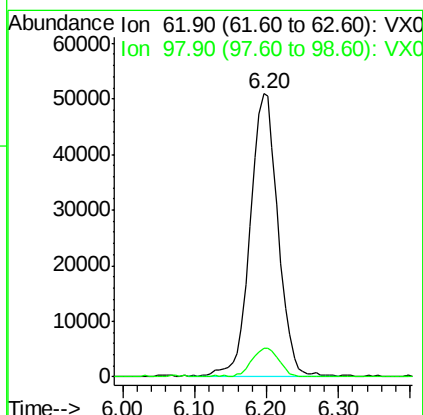
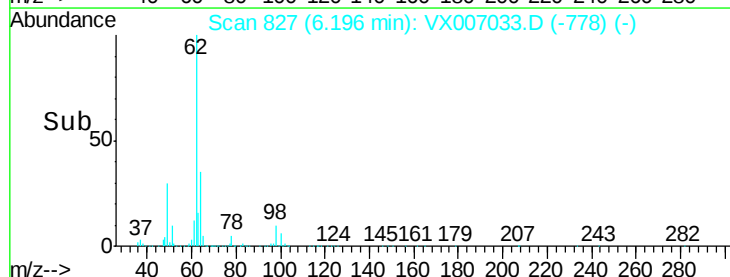
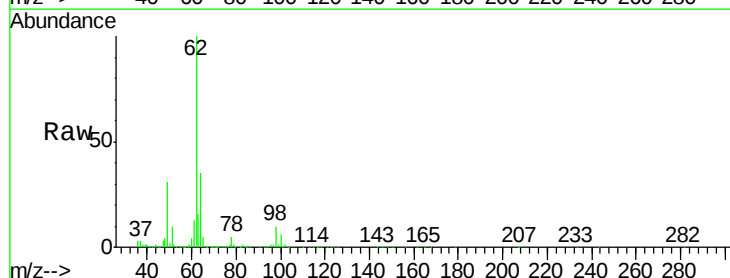
Manual Integrations
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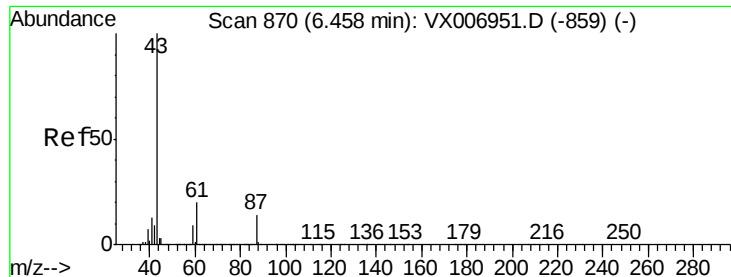
MMDadoda
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#42
1,2-Dichloroethane
Concen: 18.971 ug/l
RT: 6.20 min Scan# 827
Delta R.T. 0.00 min
Lab File: VX007033.D
Acq: 14 Jan 2019 12:30

Tgt Ion:	62	Resp:	136522
Ion	Ratio	Lower	Upper
62	100		
98	10.0	0.0	20.2





#43

Isopropyl Acetate

Concen: 19.420 ug/l

RT: 6.46 min Scan# 870

Delta R.T. 0.00 min

Lab File: VX007033.D

Acq: 14 Jan 2019 12:30

Instrument :

MSVOA_X

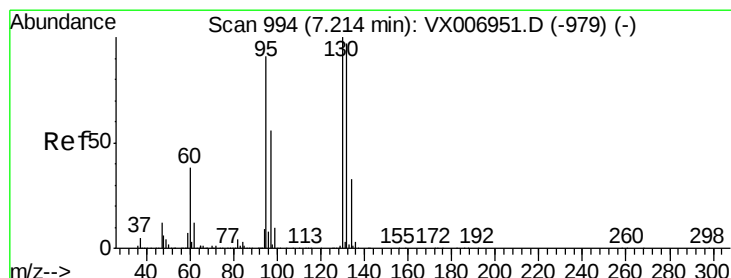
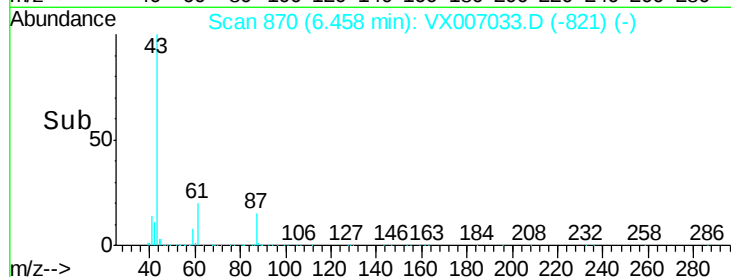
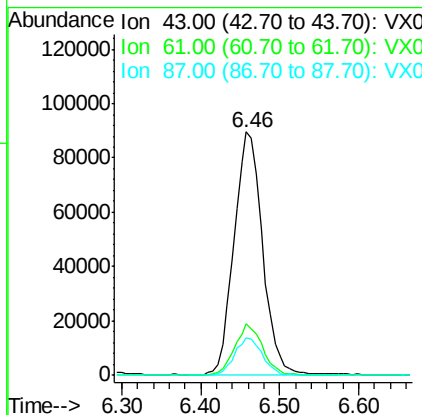
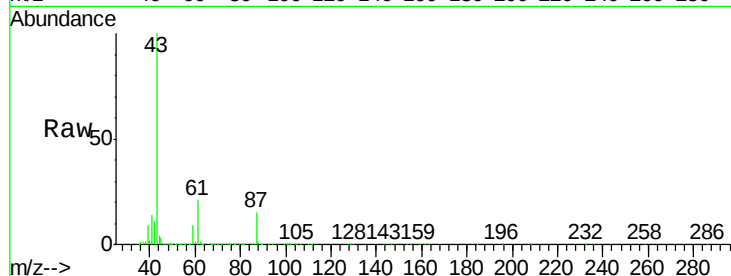
ClientSampleId :

VX0114WBS01

Tot Ion:	43	Resp:	224139
Ion	Ratio	Lower	Upper
43	100		
61	20.8	16.8	25.2
87	14.6	12.4	18.6

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#44

Trichloroethene

Concen: 18.592 ug/l

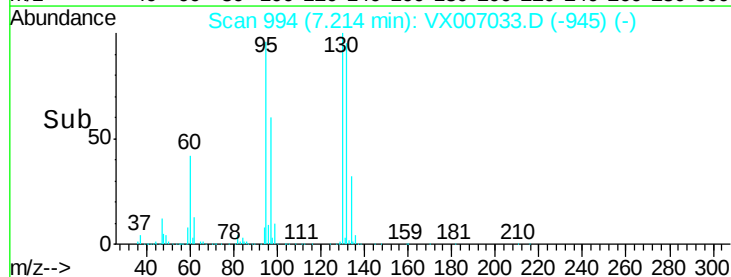
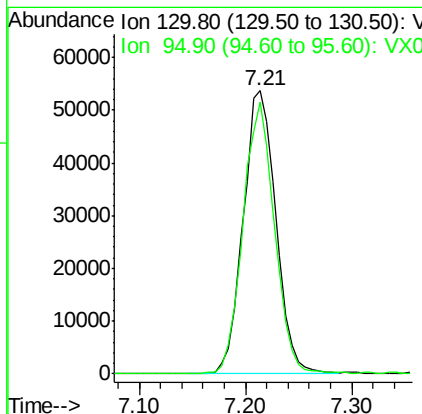
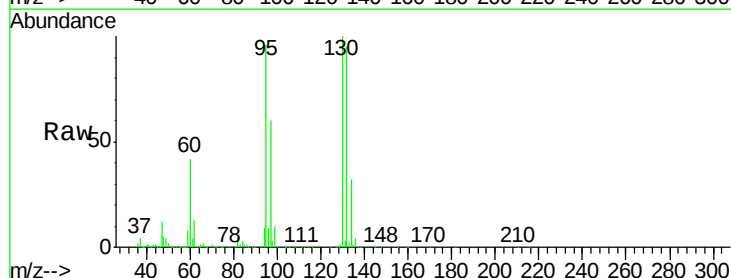
RT: 7.21 min Scan# 994

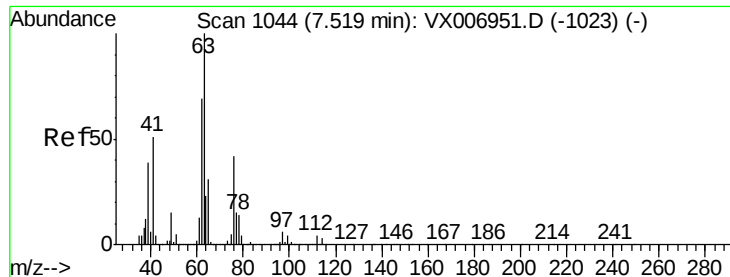
Delta R.T. 0.00 min

Lab File: VX007033.D

Acq: 14 Jan 2019 12:30

Tgt Ion:	130	Resp:	116022
Ion	Ratio	Lower	Upper
130	100		
95	95.7	0.0	187.0





#45

1,2-Dichloropropane

Concen: 19.254 ug/l

RT: 7.51 min Scan# 1043

Delta R.T. -0.01 min

Lab File: VX007033.D

Acq: 14 Jan 2019 12:30

Instrument :

MSVOA_X

ClientSampleId :

VX0114WBS01

Tot Ion: 63 Resp: 100808

Ion Ratio Lower Upper

63 100

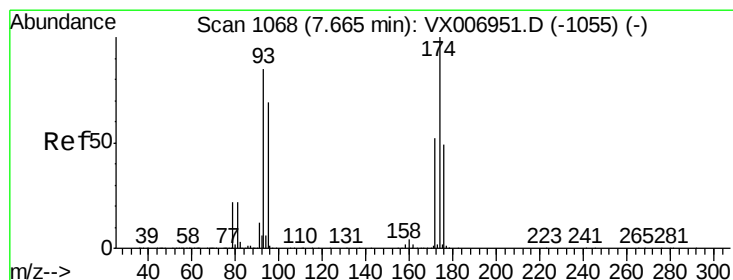
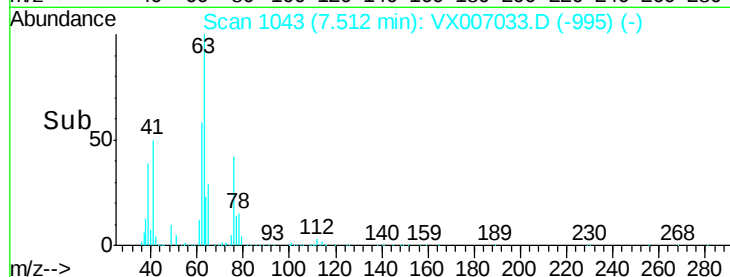
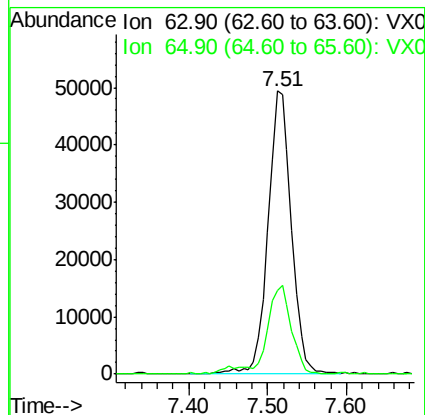
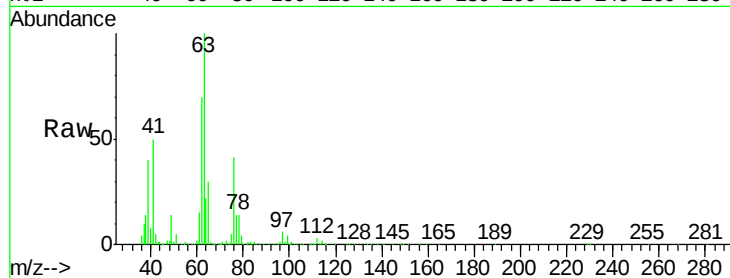
65 29.3 25.4 38.0

Manual Integrations

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#46

Dibromomethane

Concen: 19.481 ug/l

RT: 7.66 min Scan# 1068

Delta R.T. 0.00 min

Lab File: VX007033.D

Acq: 14 Jan 2019 12:30

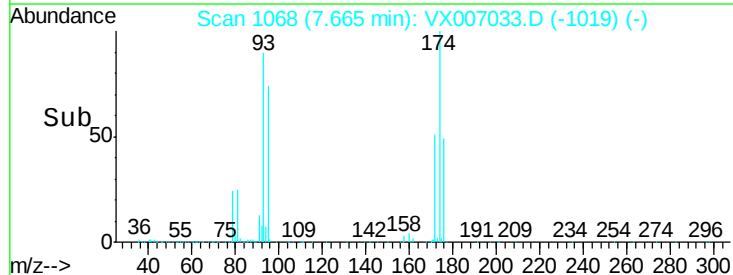
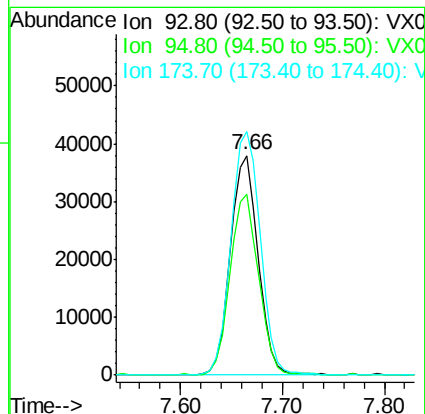
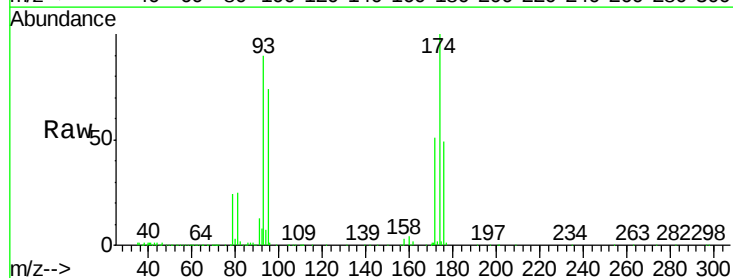
Tgt Ion: 93 Resp: 71682

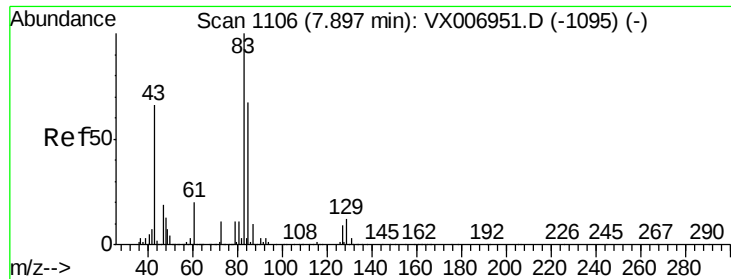
Ion Ratio Lower Upper

93 100

95 83.6 66.2 99.4

174 116.6 91.0 136.4





#47

Bromodichloromethane

Concen: 19.084 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. 0.00 min

Lab File: VX007033.D

Acq: 14 Jan 2019 12:30

Instrument :

MSVOA_X

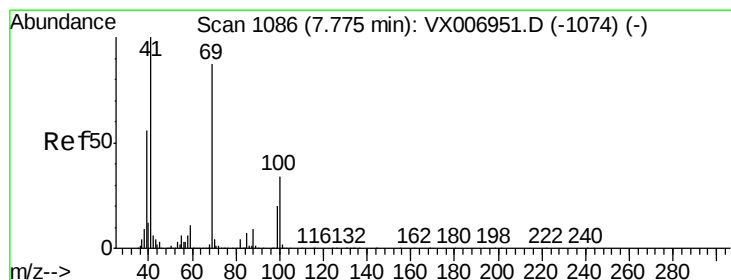
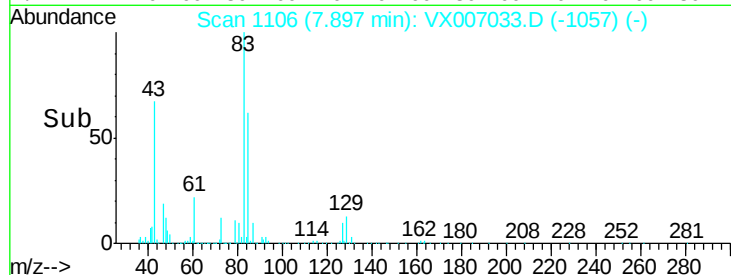
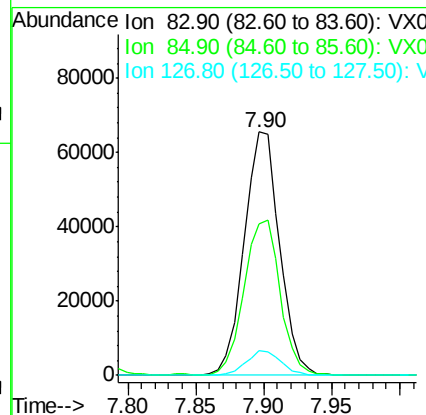
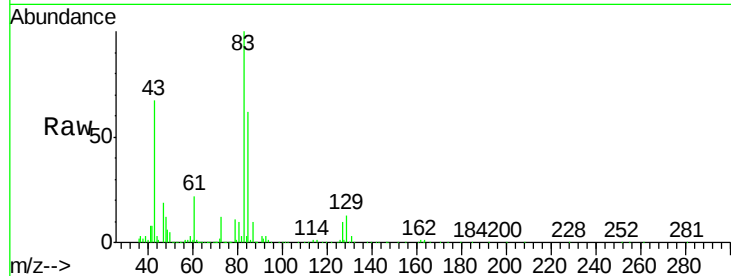
ClientSampleId :

VX0114WBS01

Tot Ion:	83	Resp:	119527
Ion Ratio	Lower	Upper	
83	100		
85	61.8	53.2	79.8
127	10.3	7.8	11.6

Manual Integrations
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#48

Methyl methacrylate

Concen: 19.462 ug/l

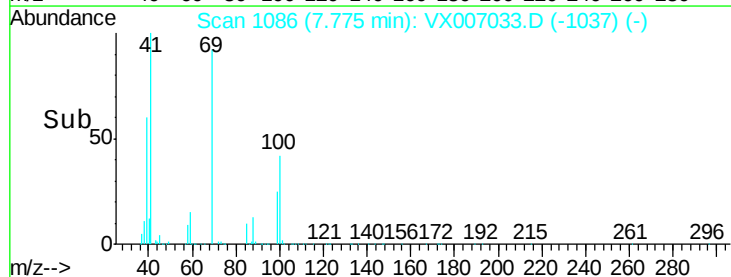
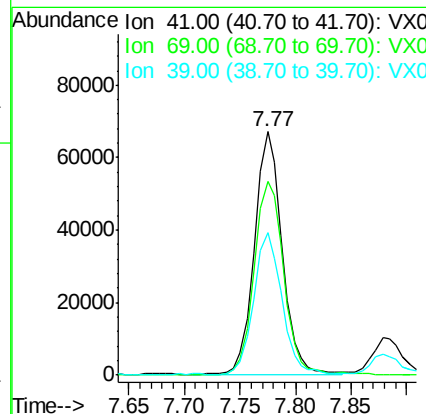
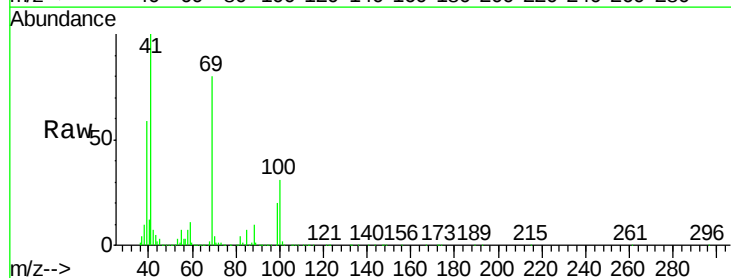
RT: 7.77 min Scan# 1086

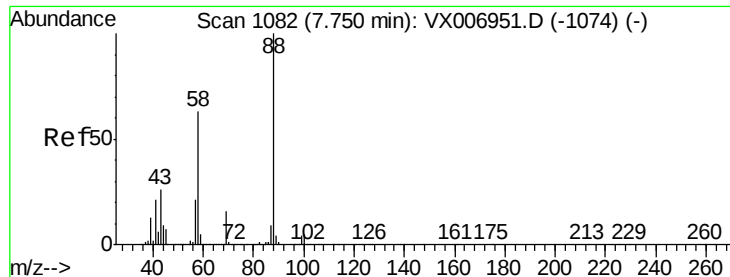
Delta R.T. 0.00 min

Lab File: VX007033.D

Acq: 14 Jan 2019 12:30

Tgt Ion:	41	Resp:	115354
Ion Ratio	Lower	Upper	
41	100		
69	86.0	72.4	108.6
39	59.8	45.8	68.8





#49

1,4-Dioxane

Concen: 401.799 ug/l

RT: 7.75 min Scan# 1082

Delta R.T. 0.00 min

Lab File: VX007033.D

Acq: 14 Jan 2019 12:30

Instrument :

MSVOA_X

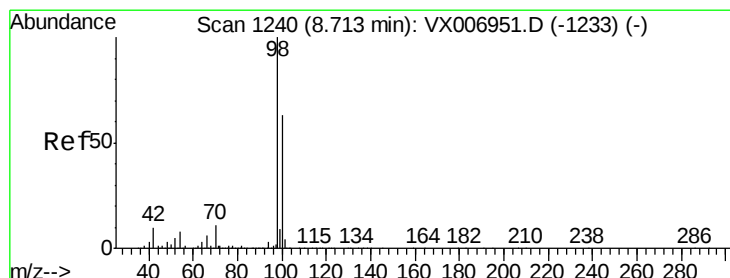
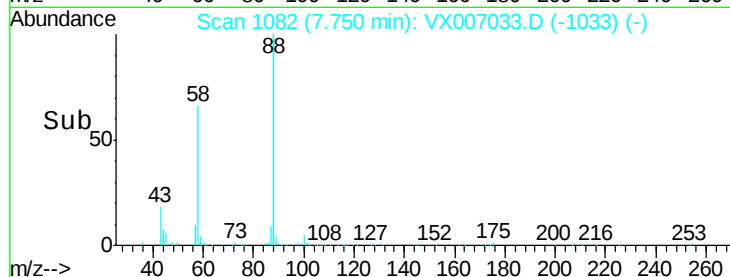
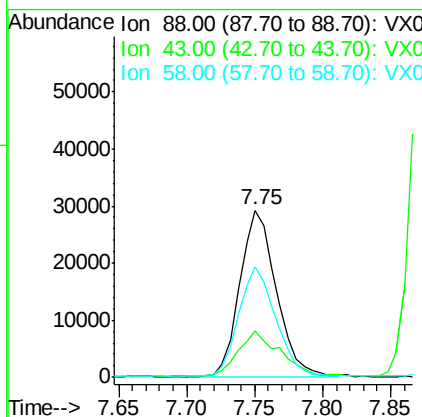
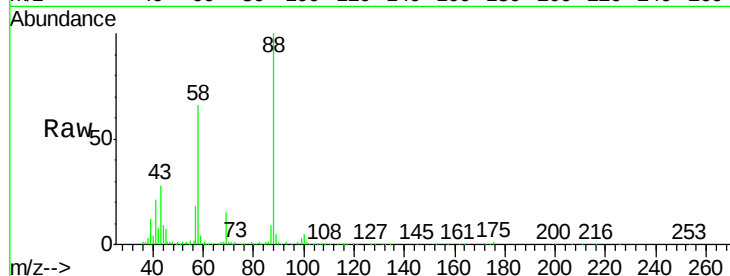
ClientSampleId :

VX0114WBS01

Tot Ion:	88	Resp:	55081
Ion	Ratio	Lower	Upper
88	100		
43	30.8	22.2	33.4
58	66.6	51.0	76.4

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#50

Toluene-d8

Concen: 51.308 ug/l

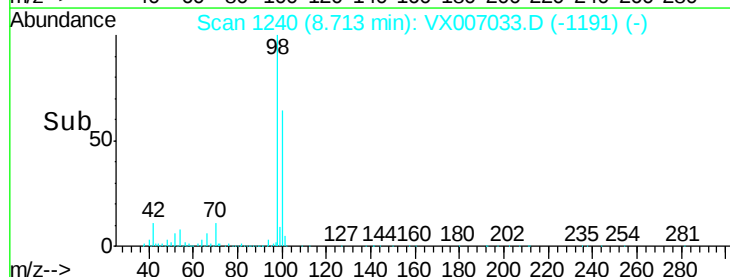
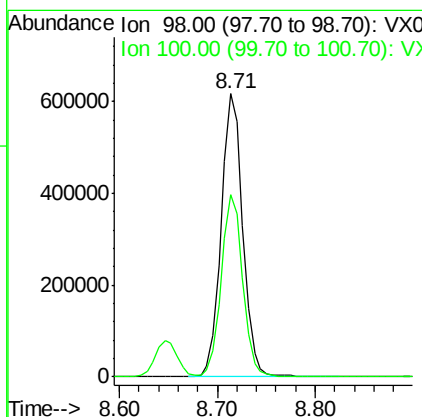
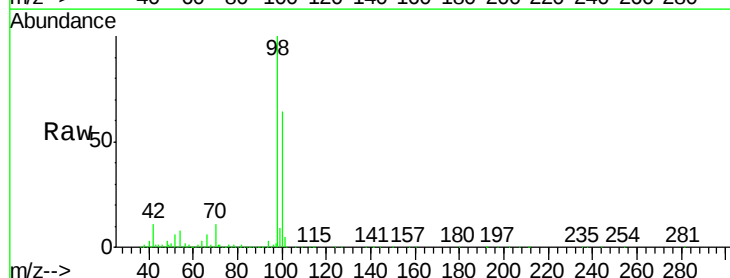
RT: 8.71 min Scan# 1240

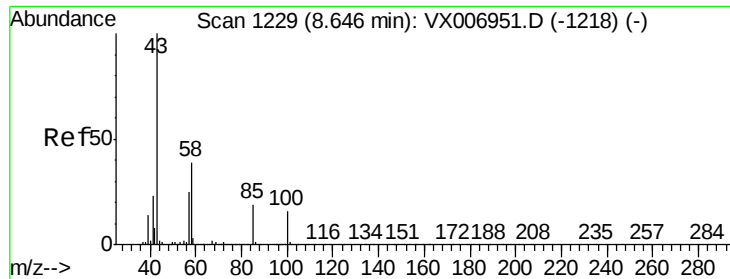
Delta R.T. 0.00 min

Lab File: VX007033.D

Acq: 14 Jan 2019 12:30

Tgt Ion:	98	Resp:	944122
Ion	Ratio	Lower	Upper
98	100		
100	63.9	52.0	78.0





#51

4-Methyl-2-Pentanone

Concen: 102.846 ug/l

RT: 8.65 min Scan# 1229

Delta R.T. 0.00 min

Lab File: VX007033.D

Acq: 14 Jan 2019 12:30

Instrument :

MSVOA_X

ClientSampled :

VX0114WBS01

Tot Ion: 43 Resp: 762847

Ion Ratio Lower Upper

43 100

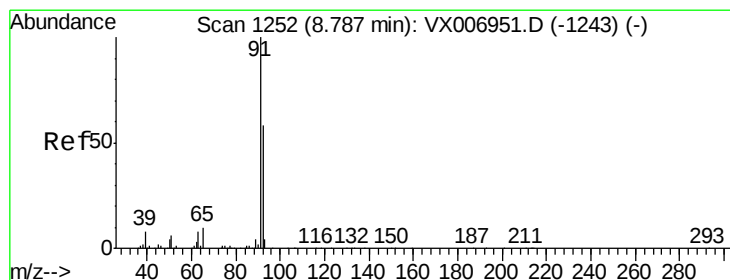
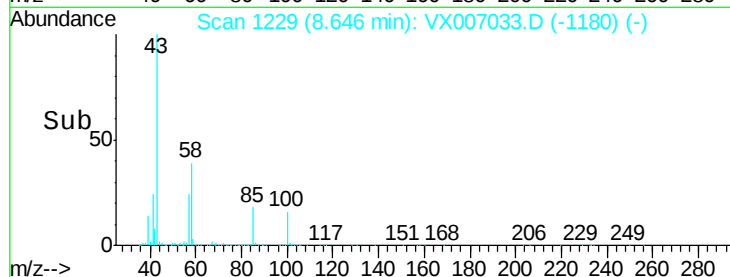
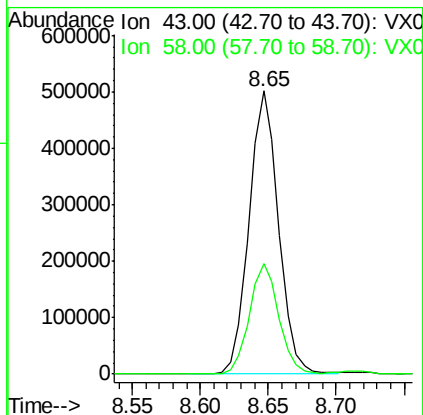
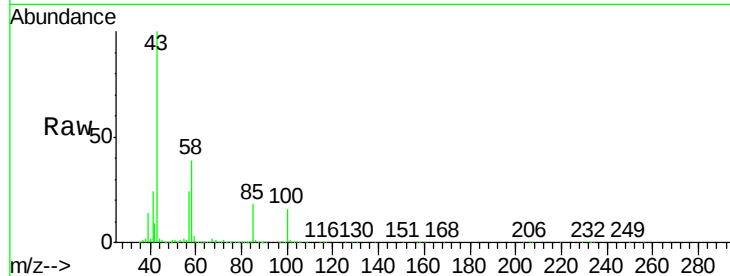
58 38.8 31.8 47.6

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#52

Toluene

Concen: 19.589 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. 0.00 min

Lab File: VX007033.D

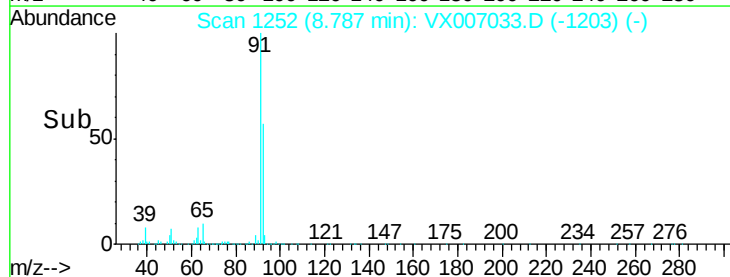
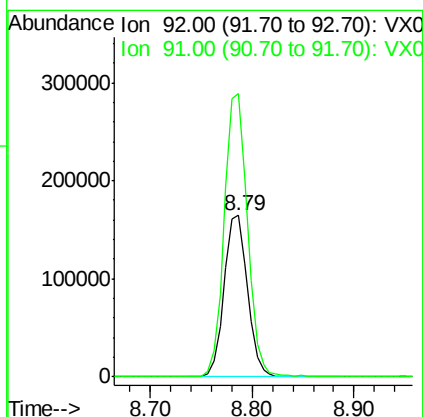
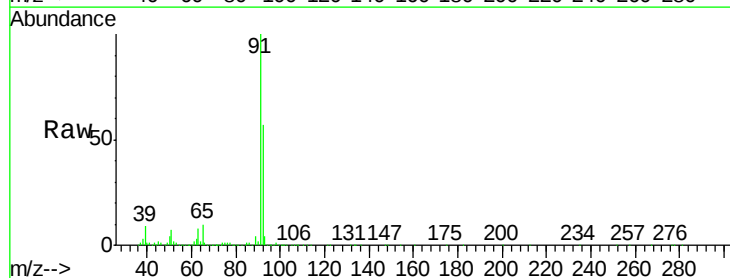
Acq: 14 Jan 2019 12:30

Tgt Ion: 92 Resp: 262201

Ion Ratio Lower Upper

92 100

91 174.3 137.6 206.4





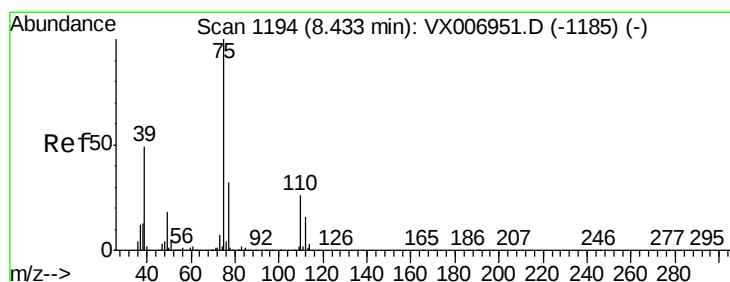
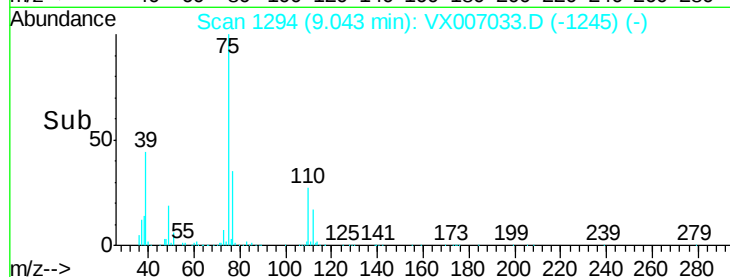
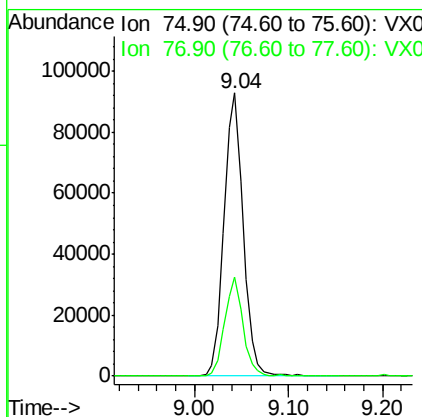
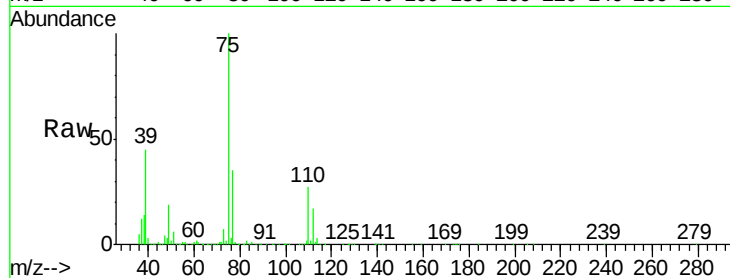
#53
t-1,3-Dichloropropene
Concen: 18.948 ug/l
RT: 9.04 min Scan# 1294
Delta R.T. 0.00 min
Lab File: VX007033.D
Acq: 14 Jan 2019 12:30

Instrument :
MSVOA_X
ClientSampled :
VX0114WBS01

Tot Ion: 75 Resp: 131597
Ion Ratio Lower Upper
75 100
77 34.7 25.4 38.0

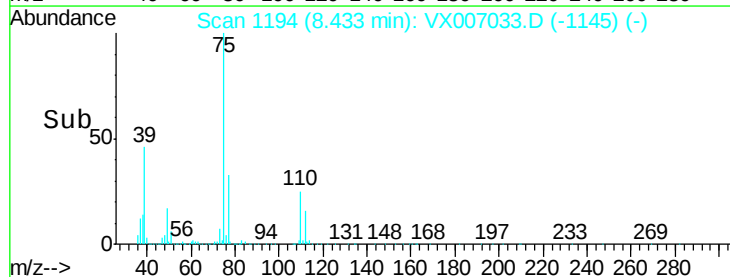
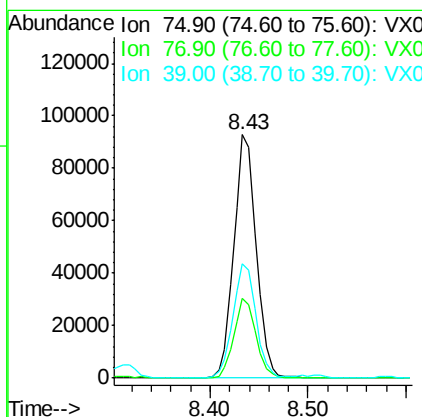
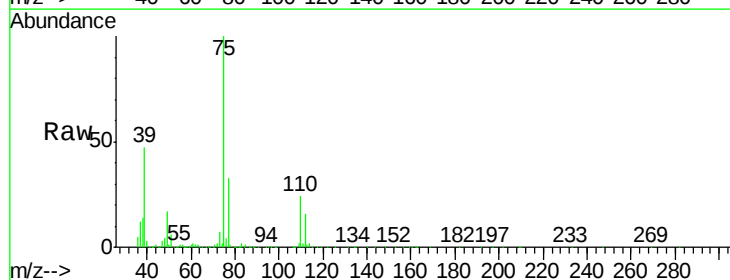
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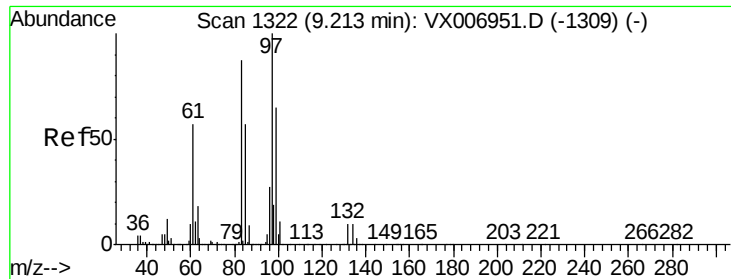
MMDadoda
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#54
cis-1,3-Dichloropropene
Concen: 19.268 ug/l
RT: 8.43 min Scan# 1194
Delta R.T. 0.00 min
Lab File: VX007033.D
Acq: 14 Jan 2019 12:30

Tgt Ion: 75 Resp: 147781
Ion Ratio Lower Upper
75 100
77 33.0 26.2 39.2
39 46.5 36.7 55.1





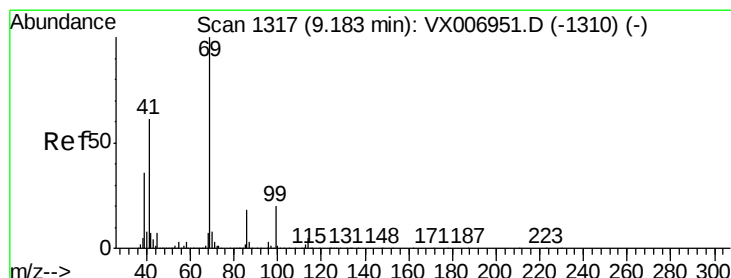
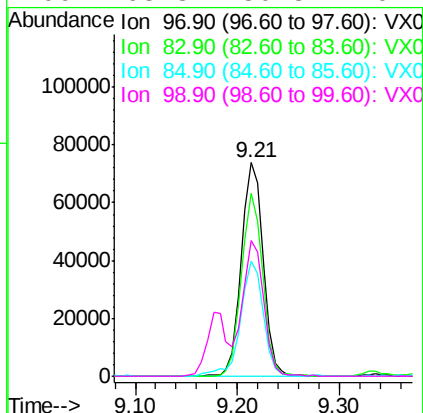
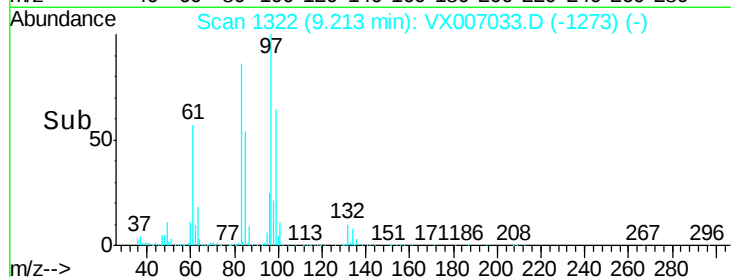
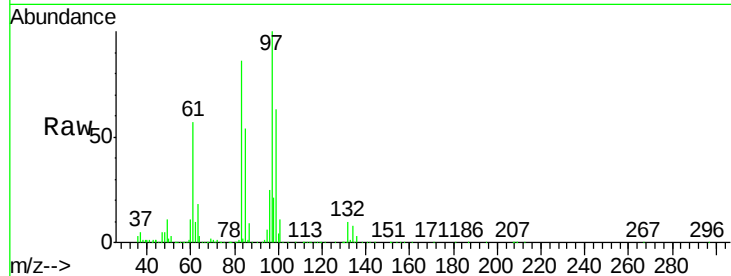
#55
1,1,2-Trichloroethane
Concen: 20.487 ug/l
RT: 9.21 min Scan# 1322
Delta R.T. 0.00 min
Lab File: VX007033.D
Acq: 14 Jan 2019 12:30

Instrument :
MSVOA_X
ClientSampleId :
VX0114WBS01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		109760		
83	85.4	66.6	99.8		
85	53.7	42.7	64.1		
99	63.3	50.8	76.2		

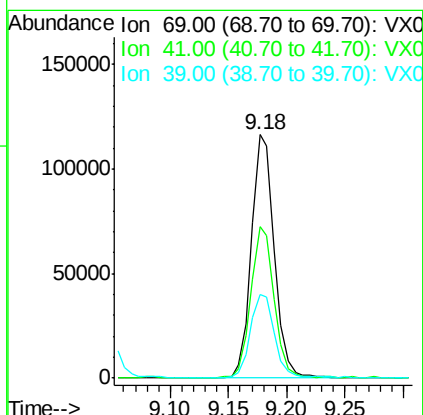
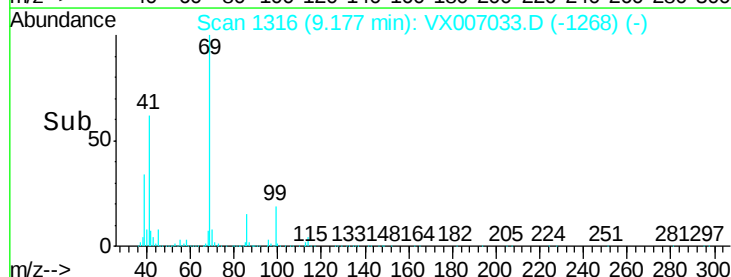
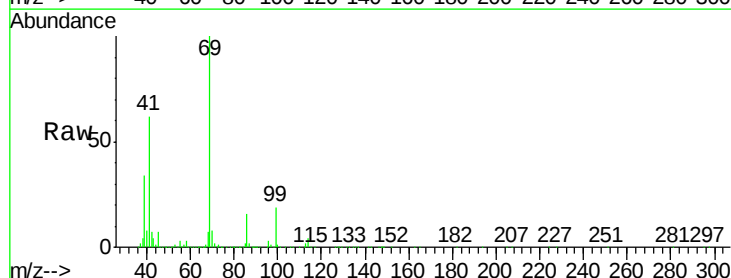
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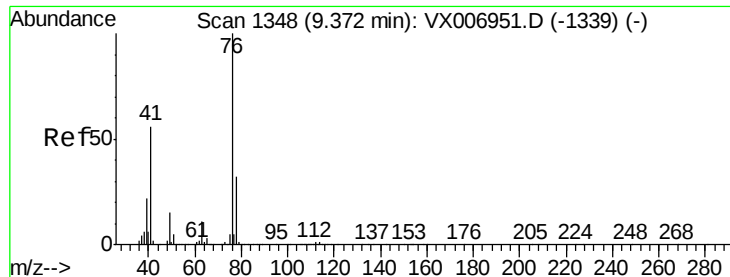
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#56
Ethyl methacrylate
Concen: 20.475 ug/l
RT: 9.18 min Scan# 1316
Delta R.T. -0.01 min
Lab File: VX007033.D
Acq: 14 Jan 2019 12:30

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		160144		
41	62.6	48.7	73.1		
39	35.8	27.0	40.6		





#57

1,3-Dichloropropane

Concen: 19.802 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. 0.00 min

Lab File: VX007033.D

Acq: 14 Jan 2019 12:30

Instrument :

MSVOA_X

ClientSampleId :

VX0114WBS01

Tot Ion: 76 Resp: 173806

Ion Ratio Lower Upper

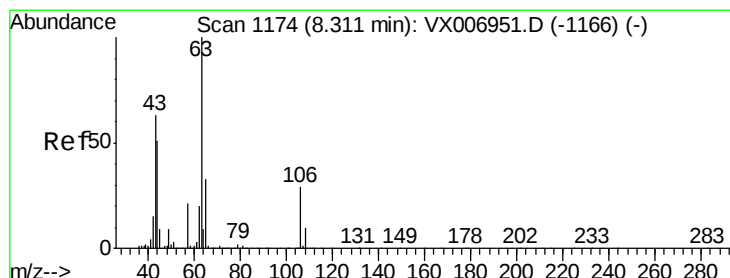
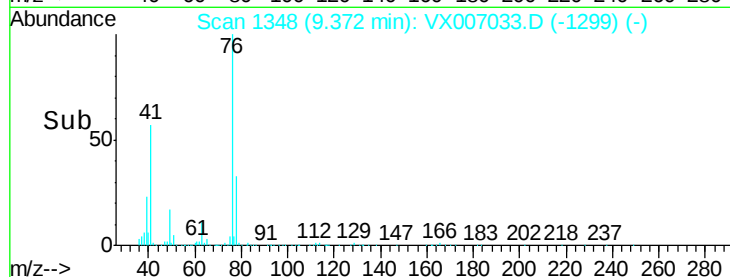
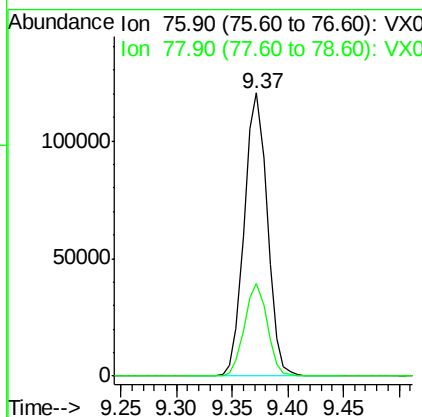
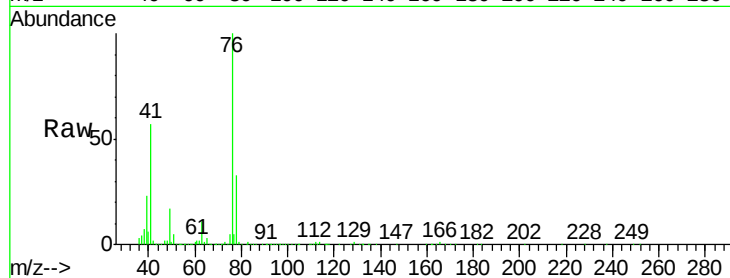
76 100

78 32.5 26.0 39.0

Manual Integrations
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1/15/2019 11:13:31 AM



#58

2-Chloroethyl Vinyl ether

Concen: 100.365 ug/l

RT: 8.31 min Scan# 1174

Delta R.T. 0.00 min

Lab File: VX007033.D

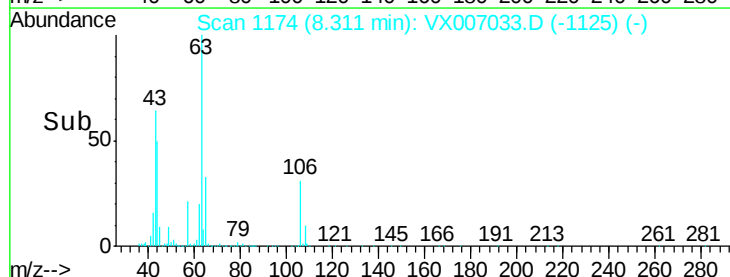
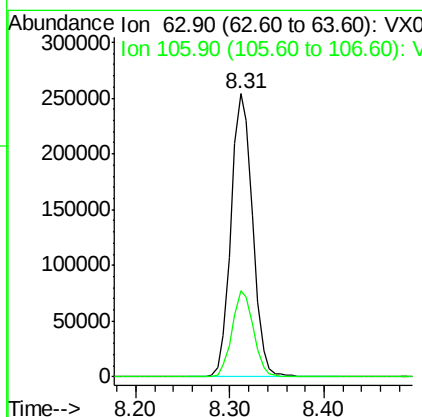
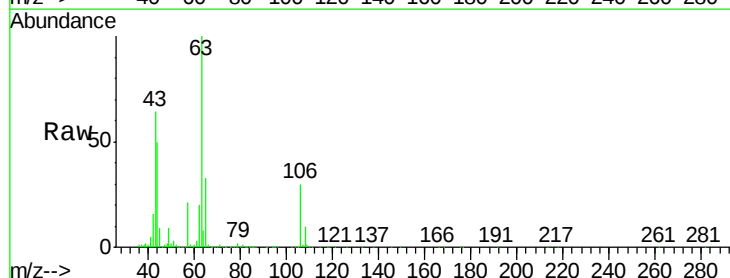
Acq: 14 Jan 2019 12:30

Tgt Ion: 63 Resp: 403610

Ion Ratio Lower Upper

63 100

106 30.1 24.6 36.8





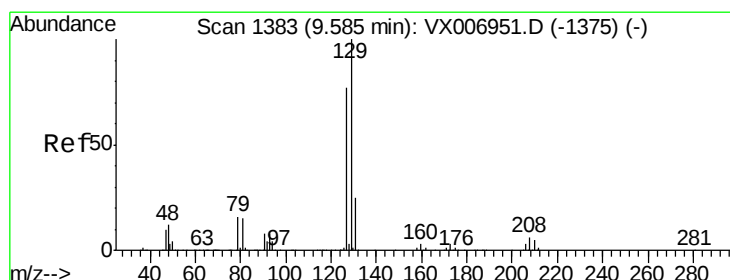
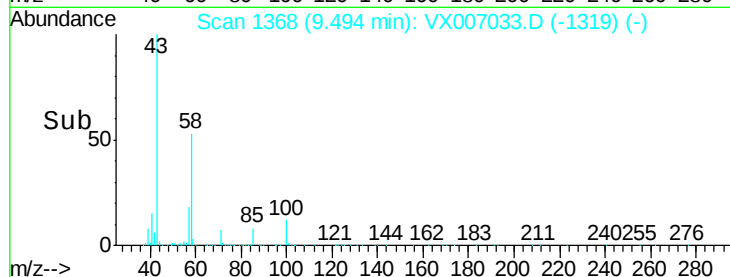
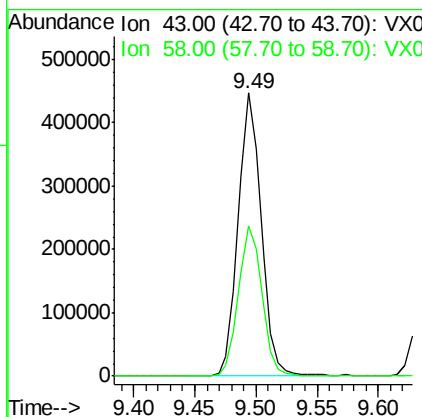
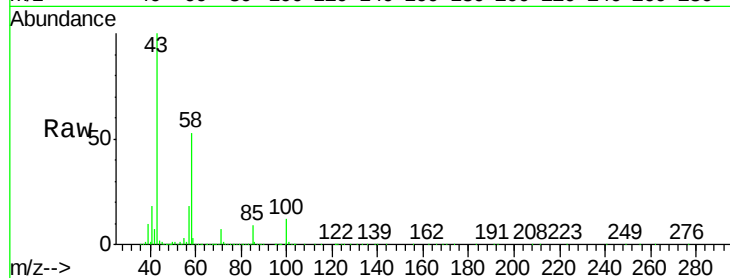
#59
2-Hexanone
Concen: 102.936 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. 0.00 min
Lab File: VX007033.D
Acq: 14 Jan 2019 12:30

Instrument :
MSVOA_X
ClientSampleId :
VX0114WBS01

Tot Ion: 43 Resp: 581842
Ion Ratio Lower Upper
43 100
58 54.1 27.7 83.1

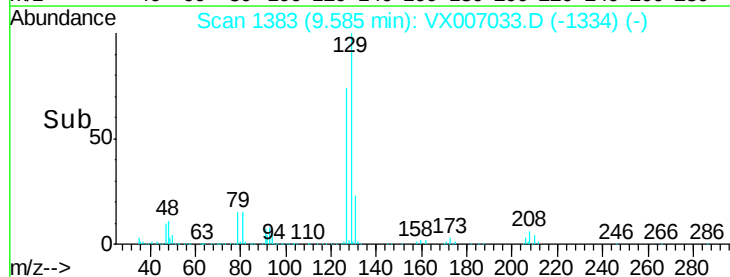
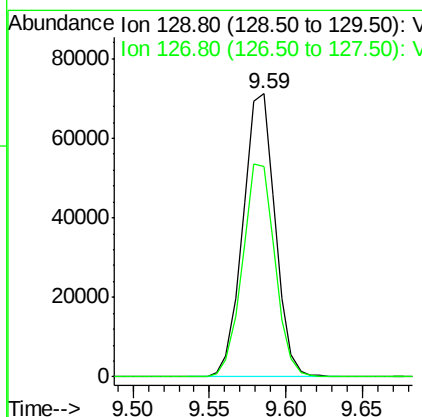
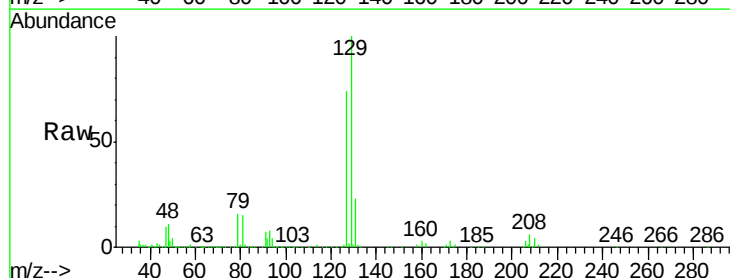
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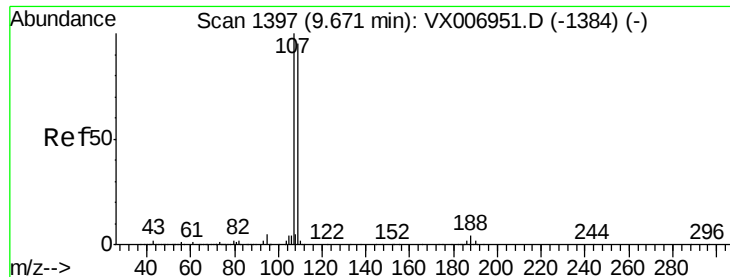
MMDadoda
1/15/2019 11:13:31 AM



#60
Dibromochloromethane
Concen: 20.007 ug/l
RT: 9.59 min Scan# 1383
Delta R.T. 0.00 min
Lab File: VX007033.D
Acq: 14 Jan 2019 12:30

Tgt Ion: 129 Resp: 104084
Ion Ratio Lower Upper
129 100
127 75.8 39.3 117.8





#61

1,2-Dibromoethane

Concen: 19.573 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. 0.00 min

Lab File: VX007033.D

Acq: 14 Jan 2019 12:30

Instrument :

MSVOA_X

ClientSampleId :

VX0114WBS01

Tot Ion:107 Resp: 115442

Ion Ratio Lower Upper

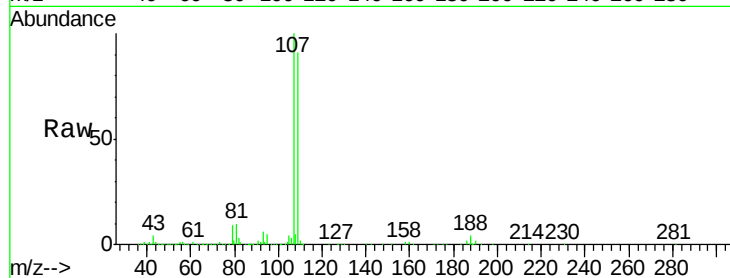
107 100

109 94.4 75.8 113.6

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MMDadoda

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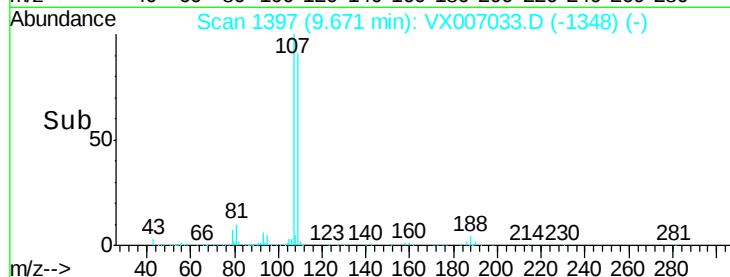


Abundance Ion 106.90 (106.60 to 107.60): V

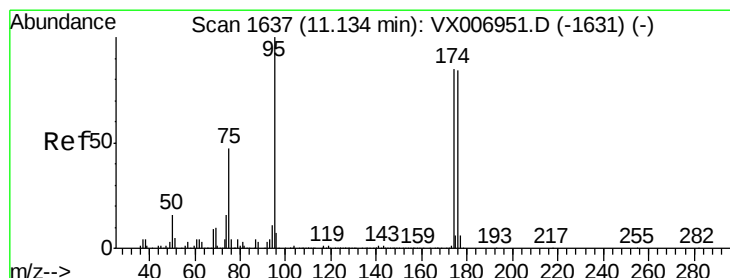
Ion 108.80 (108.50 to 109.50): V

9.67

Time-->



Time-->



#62

4-Bromofluorobenzene

Concen: 52.742 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX007033.D

Acq: 14 Jan 2019 12:30

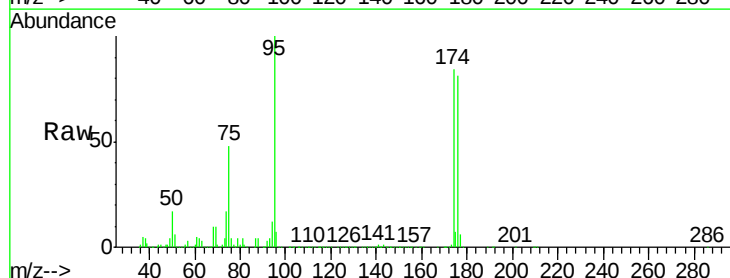
Tgt Ion: 95 Resp: 338344

Ion Ratio Lower Upper

95 100

174 92.9 0.0 182.2

176 90.0 0.0 178.8



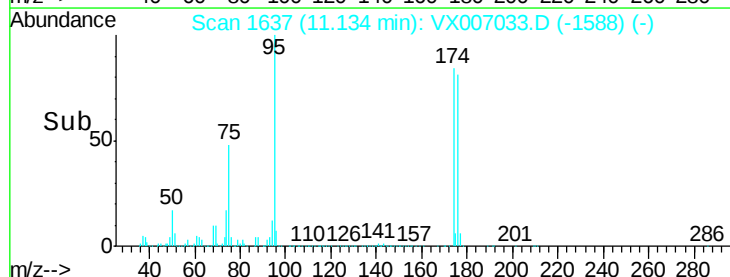
Abundance Ion 94.90 (94.60 to 95.60): VX0

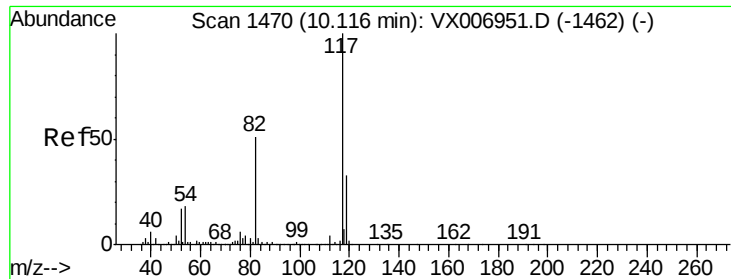
Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

11.13

Time-->





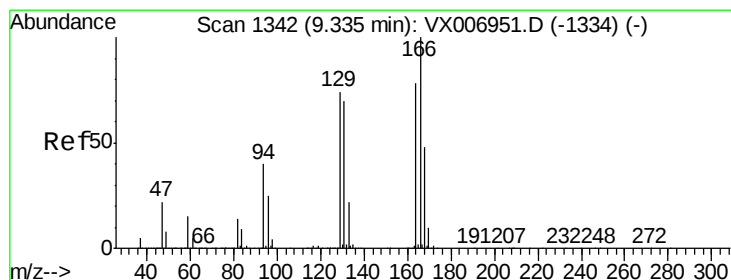
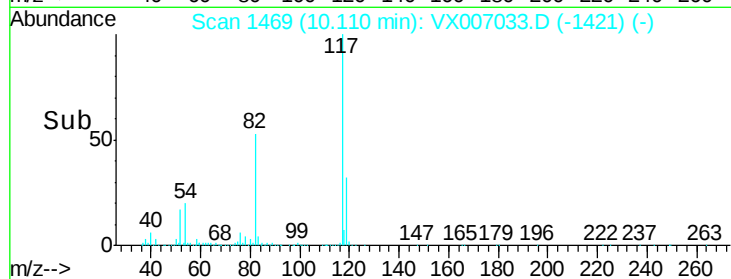
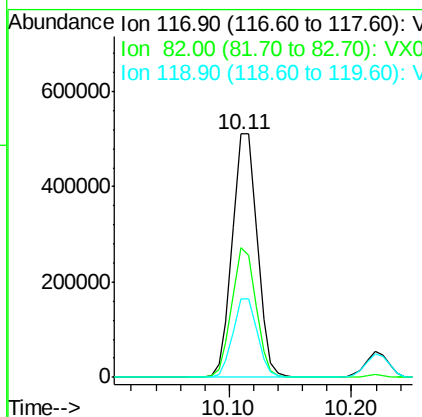
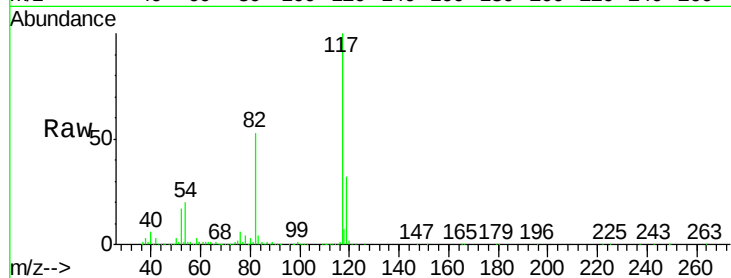
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.01 min
Lab File: VX007033.D
Acq: 14 Jan 2019 12:30

Instrument :
MSVOA_X
ClientSampleId :
VX0114WBS01

Tot Ion	Ratio	Lower	Upper
117	100		
82	53.1	41.0	61.6
119	32.2	25.4	38.0

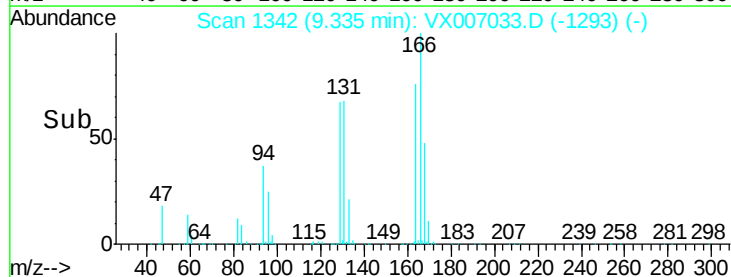
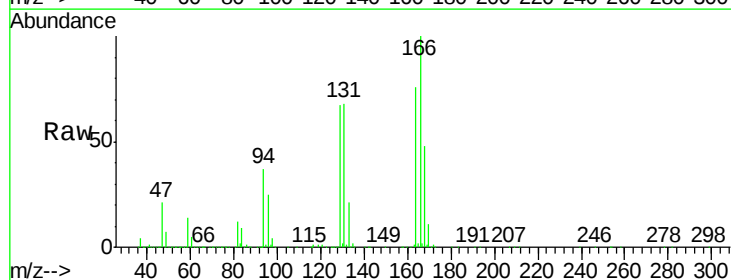
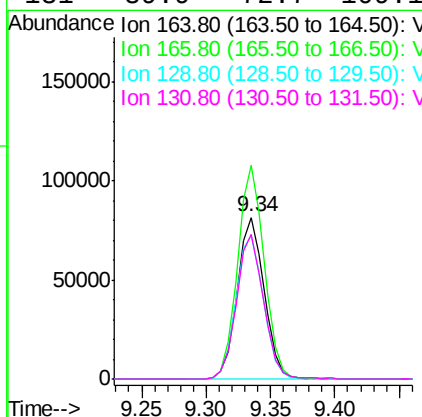
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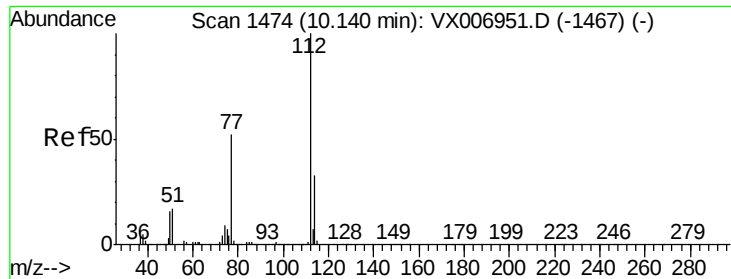
MMDadoda
1/15/2019 11:13:31 AM



#64
Tetrachloroethene
Concen: 18.968 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX007033.D
Acq: 14 Jan 2019 12:30

Tgt Ion	Ratio	Lower	Upper
164	100		
166	132.2	102.5	153.7
129	89.0	75.1	112.7
131	89.9	72.7	109.1





#65

Chlorobenzene

Concen: 19.109 ug/l

RT: 10.14 min Scan# 1474

Delta R.T. 0.00 min

Lab File: VX007033.D

Acq: 14 Jan 2019 12:30

Instrument :

MSVOA_X

ClientSampleId :

VX0114WBS01

Tot Ion:112 Resp: 301035

Ion Ratio Lower Upper

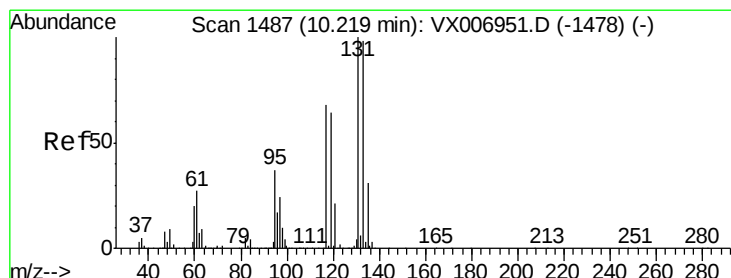
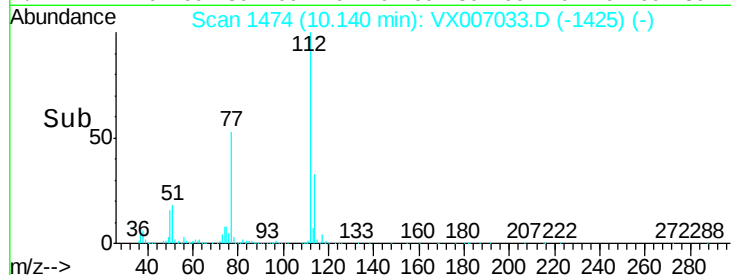
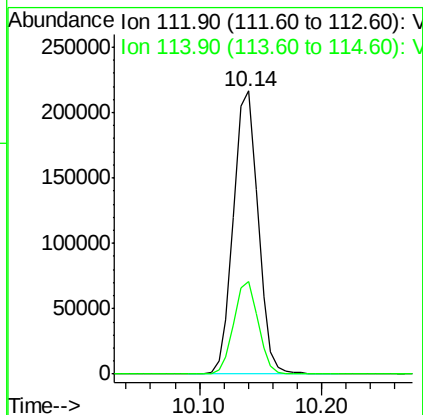
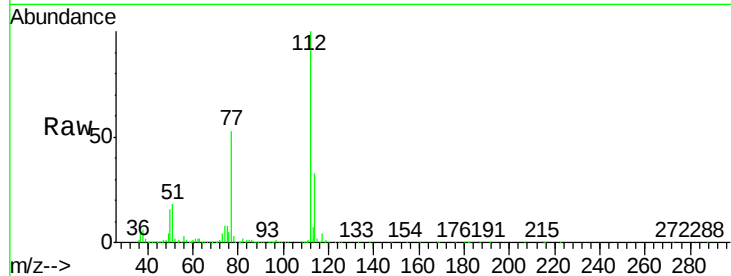
112 100

114 32.5 25.7 38.5

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#66

1,1,1,2-Tetrachloroethane

Concen: 19.756 ug/l

RT: 10.22 min Scan# 1487

Delta R.T. 0.00 min

Lab File: VX007033.D

Acq: 14 Jan 2019 12:30

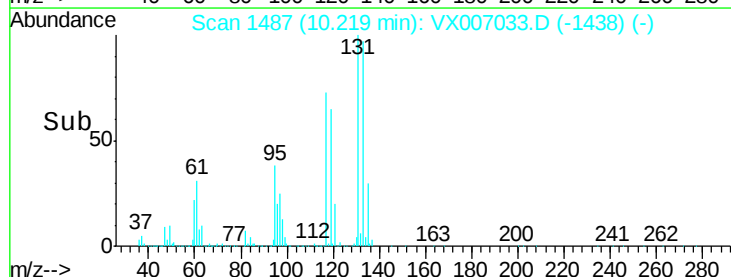
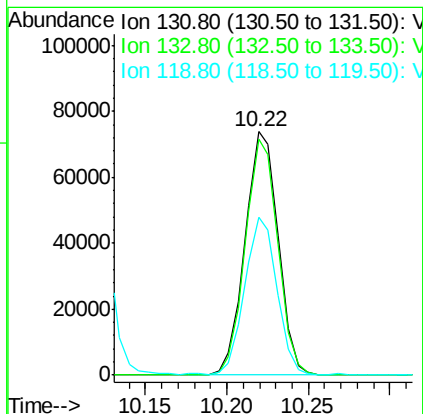
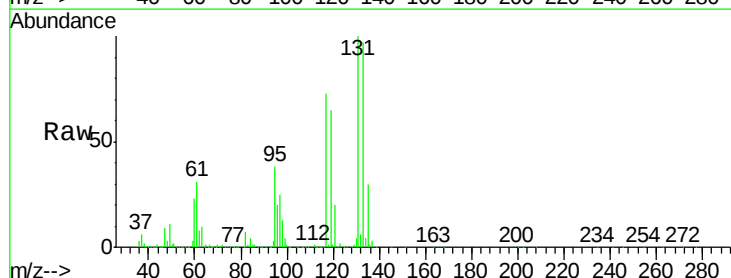
Tgt Ion:131 Resp: 104701

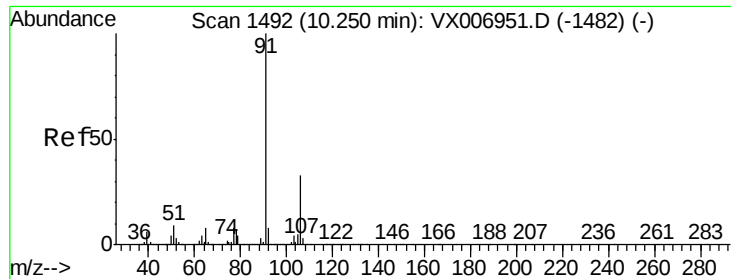
Ion Ratio Lower Upper

131 100

133 95.2 48.0 144.2

119 63.5 32.6 97.8





#67

Ethyl Benzene

Concen: 19.177 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. 0.00 min

Lab File: VX007033.D

Acq: 14 Jan 2019 12:30

Instrument :

MSVOA_X

ClientSampleId :

VX0114WBS01

Tot Ion: 91 Resp: 498741

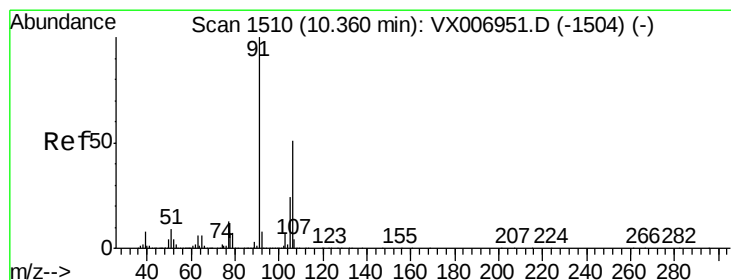
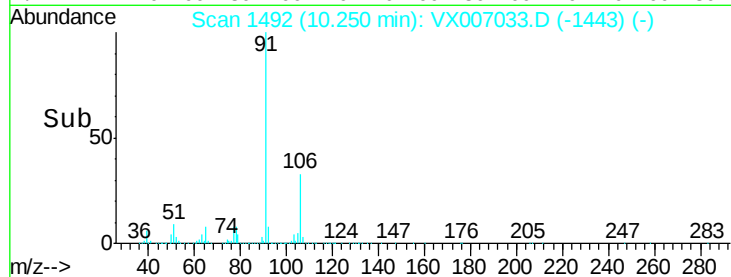
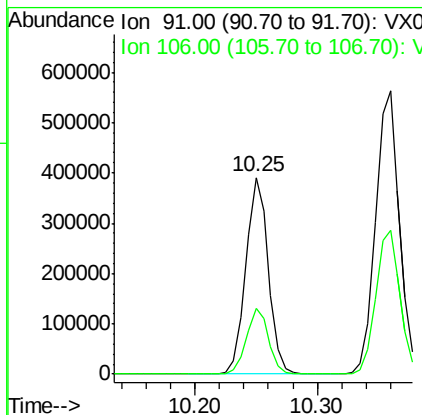
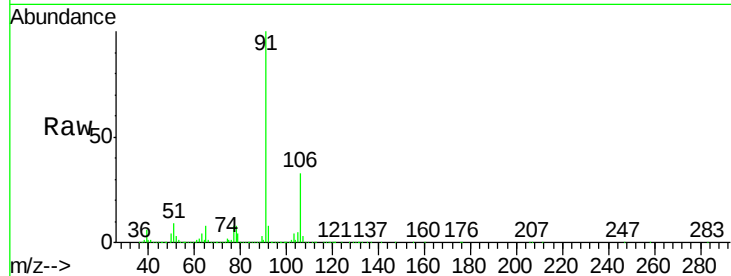
Ion Ratio Lower Upper

91 100

106 33.1 26.4 39.6

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#68

m/p-Xylenes

Concen: 38.360 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. 0.00 min

Lab File: VX007033.D

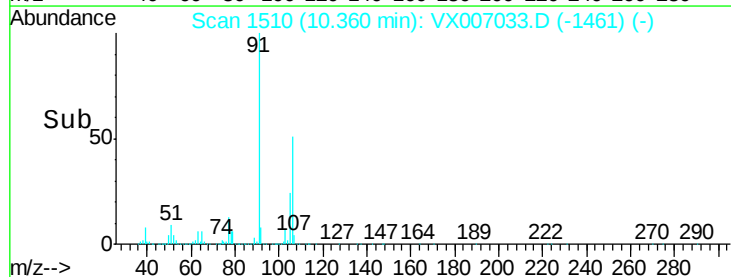
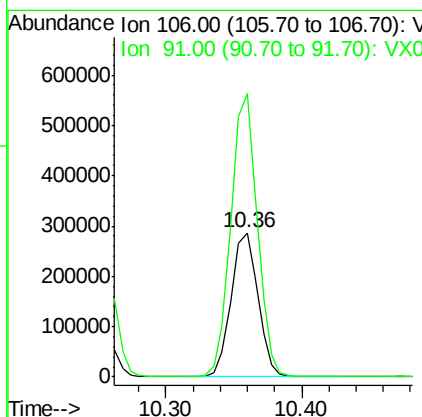
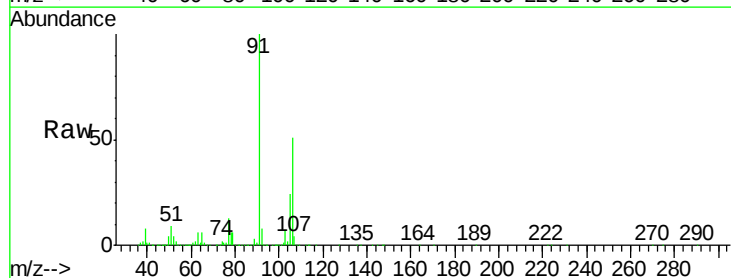
Acq: 14 Jan 2019 12:30

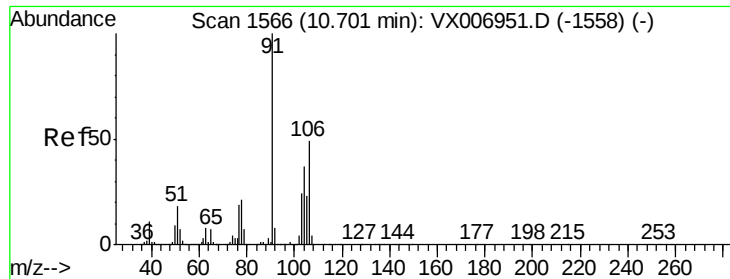
Tgt Ion: 106 Resp: 393061

Ion Ratio Lower Upper

106 100

91 193.8 155.8 233.6





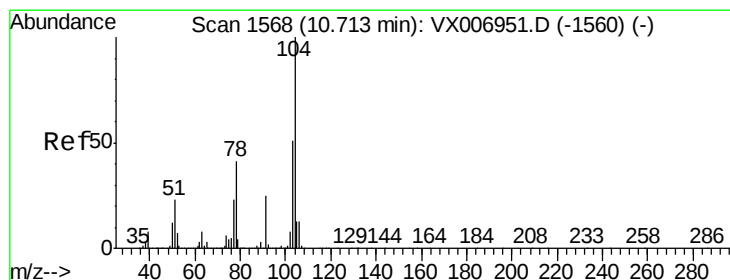
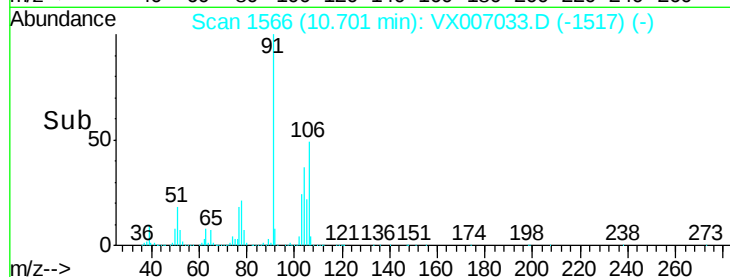
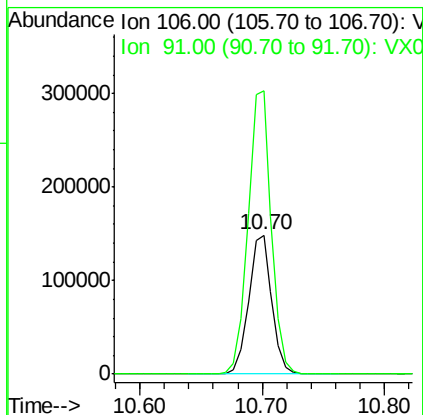
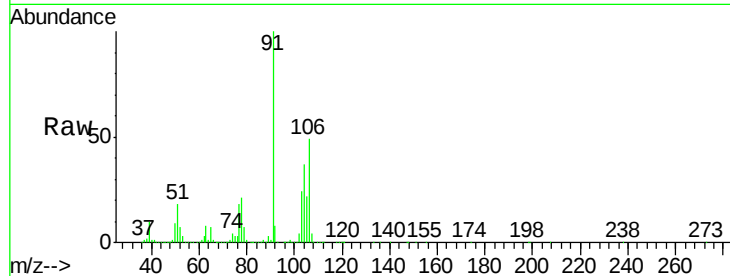
#69
o-Xylene
Concen: 19.449 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. 0.00 min
Lab File: VX007033.D
Acq: 14 Jan 2019 12:30

Instrument :
MSVOA_X
ClientSampleId :
VX0114WBS01

Tot Ion	Ratio	Lower	Upper
106	100		
91	205.8	101.3	303.7

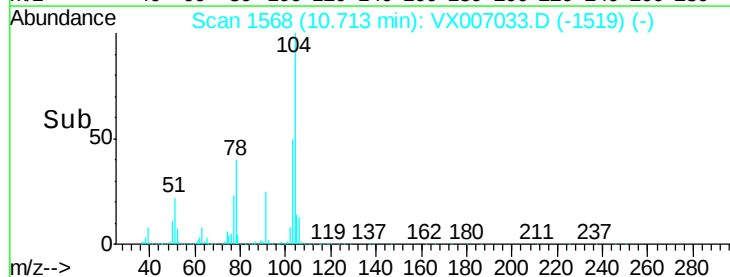
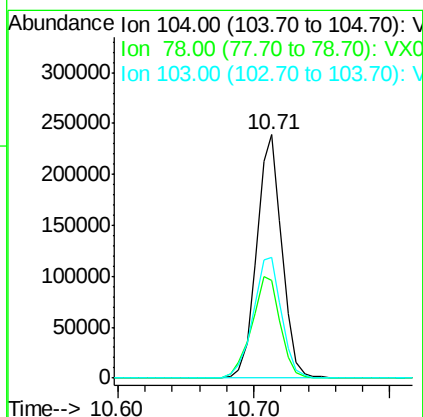
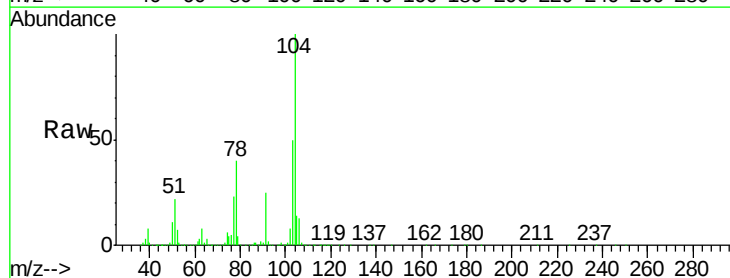
Manual Integrations
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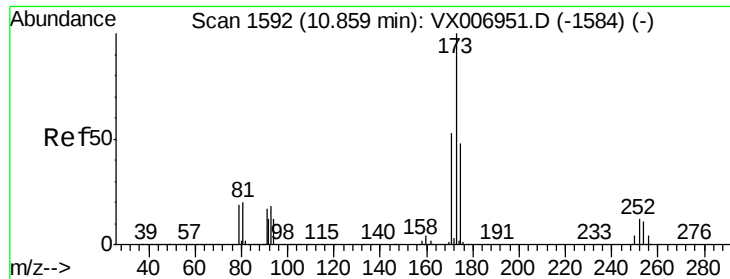
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#70
Styrene
Concen: 19.633 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX007033.D
Acq: 14 Jan 2019 12:30

Tgt Ion	Ratio	Lower	Upper
104	100		
78	47.3	37.7	56.5
103	56.2	43.8	65.8





#71

Bromoform

Concen: 19.075 ug/l

RT: 10.86 min Scan# 1592

Delta R.T. 0.00 min

Lab File: VX007033.D

Acq: 14 Jan 2019 12:30

Instrument :

MSVOA_X

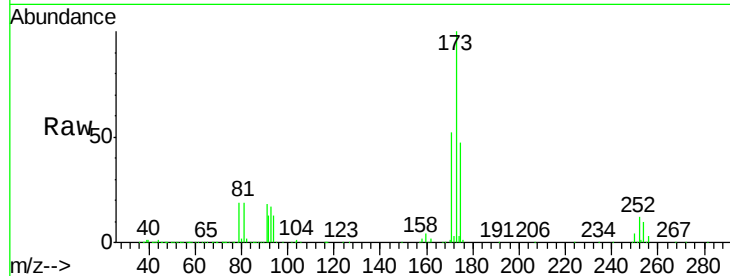
ClientSampleId :

VX0114WBS01

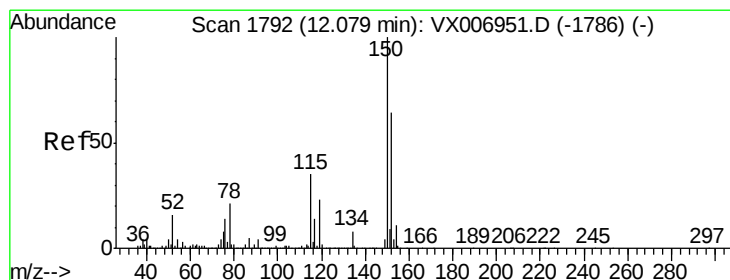
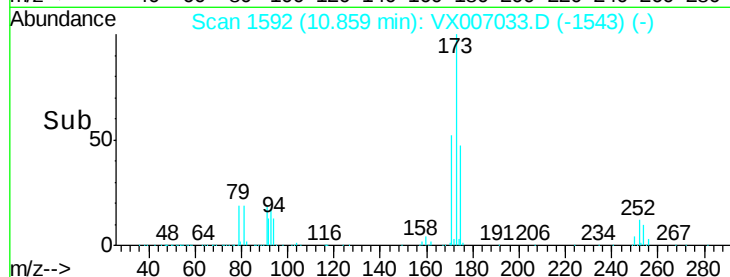
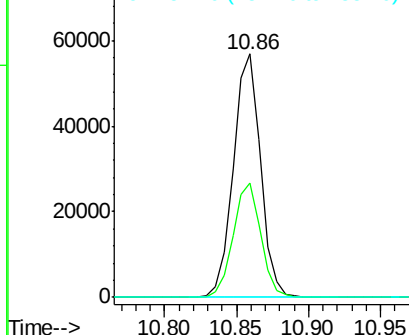
Tot Ion:	173	Resp:	75131
Ion Ratio	Lower	Upper	
173	100		
175	47.8	24.7	74.1
254	0.2	0.2	0.2

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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

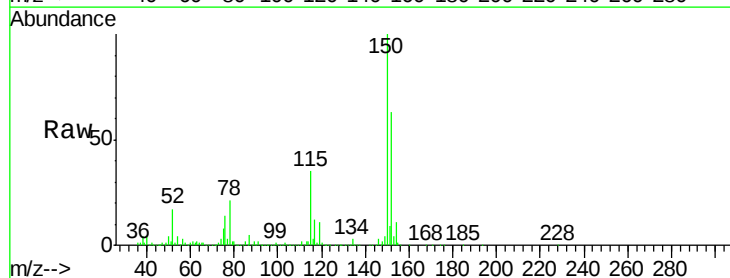
RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

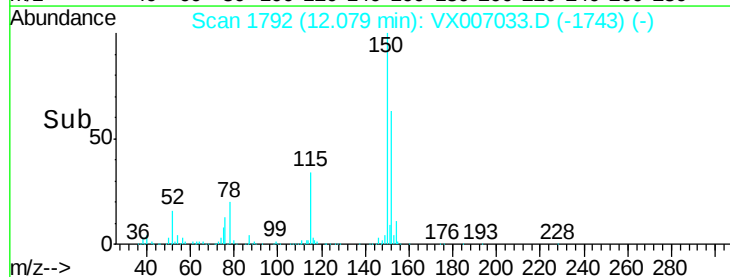
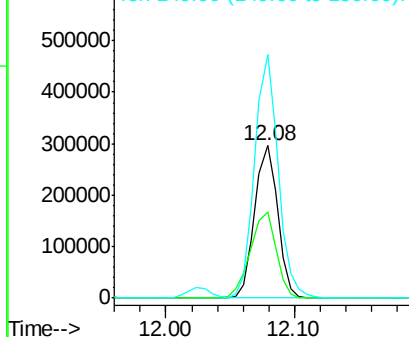
Lab File: VX007033.D

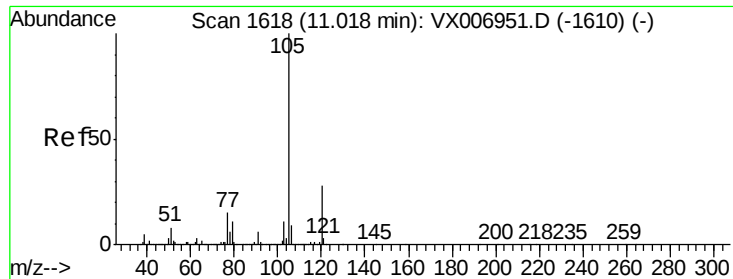
Acq: 14 Jan 2019 12:30

Tgt Ion:	152	Resp:	362980
Ion Ratio	Lower	Upper	
152	100		
115	63.5	39.1	117.2
150	163.1	0.0	344.8



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





#73

Isopropylbenzene

Concen: 20.112 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX007033.D

Acq: 14 Jan 2019 12:30

Instrument :

MSVOA_X

ClientSampleId :

VX0114WBS01

Tot Ion: 105 Resp: 514761

Ion Ratio Lower Upper

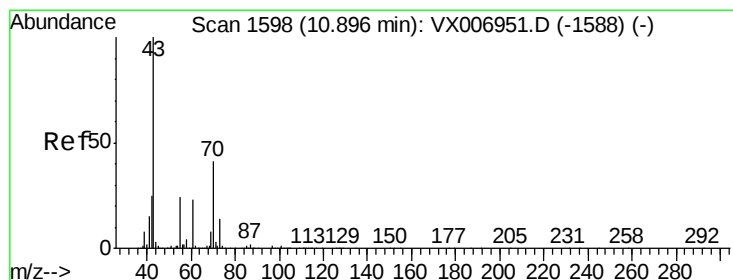
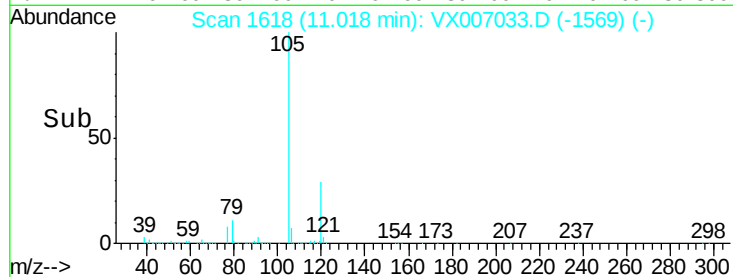
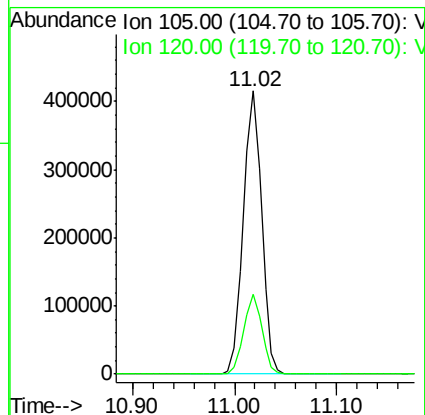
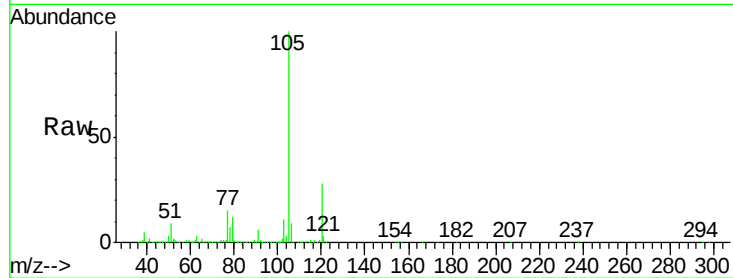
105 100

120 27.9 14.1 42.4

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#74

N-ethyl acetate

Concen: 19.622 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. 0.00 min

Lab File: VX007033.D

Acq: 14 Jan 2019 12:30

Tgt Ion: 43 Resp: 202204

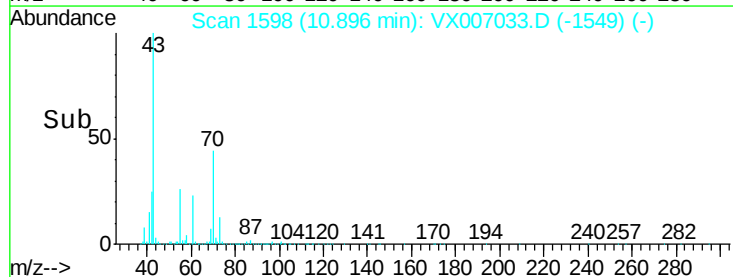
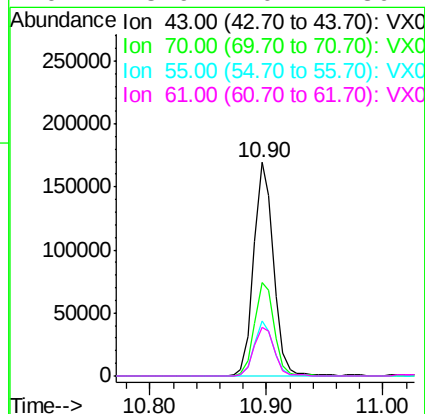
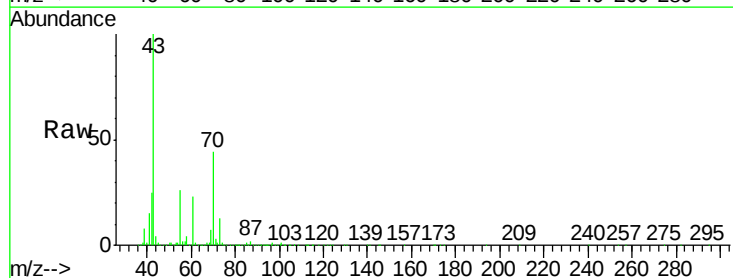
Ion Ratio Lower Upper

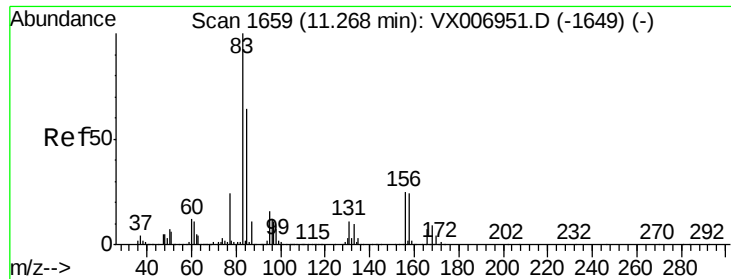
43 100

70 43.7 35.8 53.8

55 25.4 19.4 29.0

61 23.9 20.1 30.1





#75

1,1,2,2-Tetrachloroethane

Concen: 19.984 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. 0.00 min

Lab File: VX007033.D

Acq: 14 Jan 2019 12:30

Instrument :

MSVOA_X

ClientSampleId :

VX0114WBS01

Tot Ion: 83 Resp: 162386

Ion Ratio Lower Upper

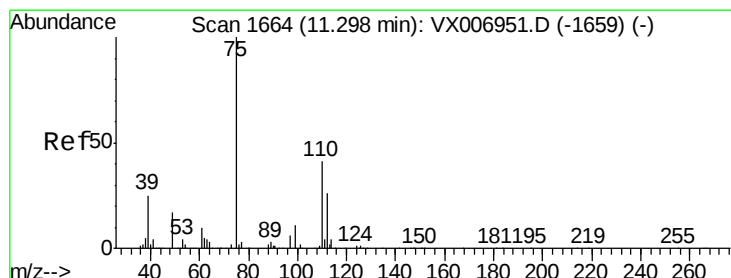
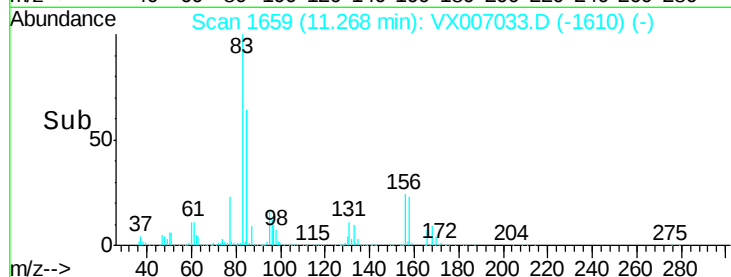
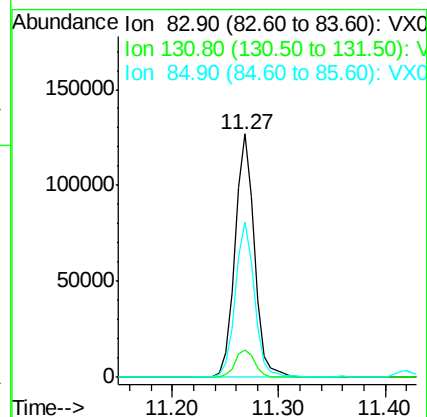
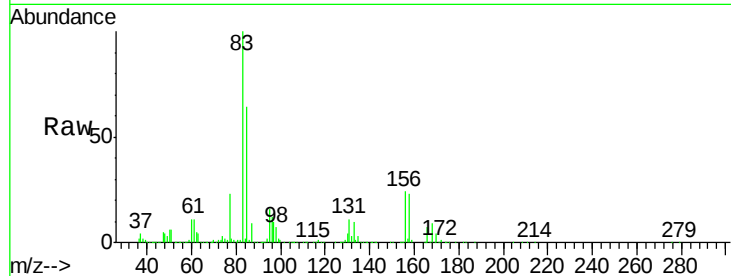
83 100

131 11.6 5.7 17.1

85 63.3 32.2 96.6

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#76

1,2,3-Trichloropropane

Concen: 20.303 ug/l m

RT: 11.30 min Scan# 1664

Delta R.T. 0.00 min

Lab File: VX007033.D

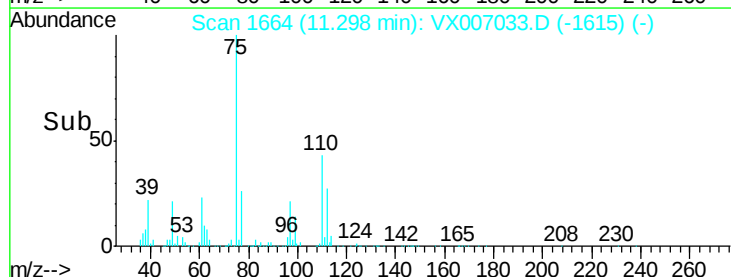
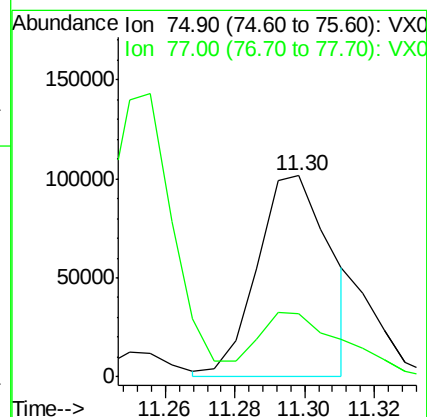
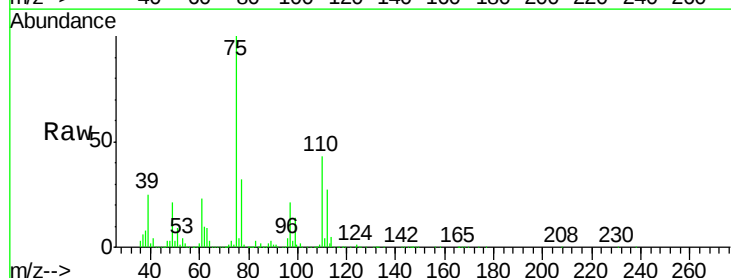
Acq: 14 Jan 2019 12:30

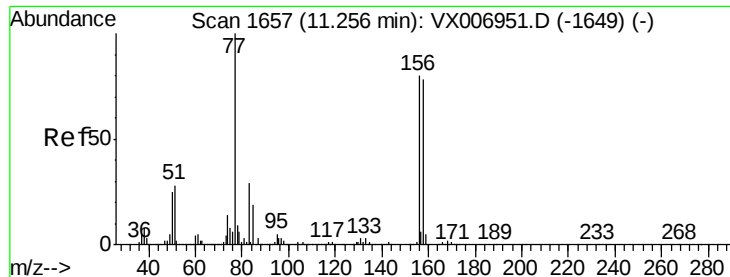
Tgt Ion: 75 Resp: 149344

Ion Ratio Lower Upper

75 100

77 36.7 18.5 55.5





#77

Bromobenzene

Concen: 19.915 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. 0.00 min

Lab File: VX007033.D

Acq: 14 Jan 2019 12:30

Instrument :

MSVOA_X

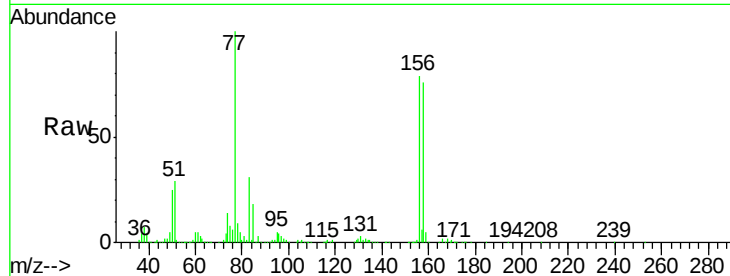
ClientSampleId :

VX0114WBS01

Tot Ion	Ratio	Lower	Upper
156	100		
77	135.1	68.0	204.0
158	96.9	48.3	144.8

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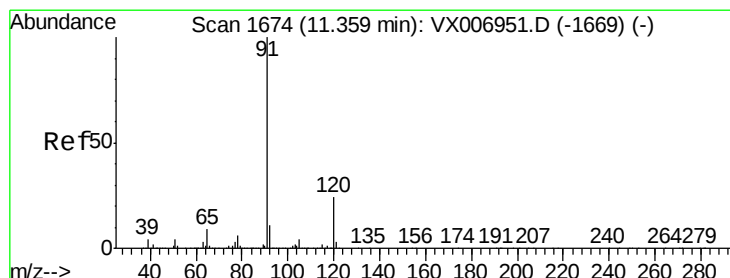
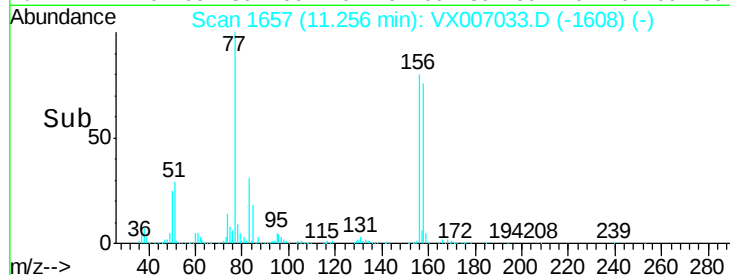
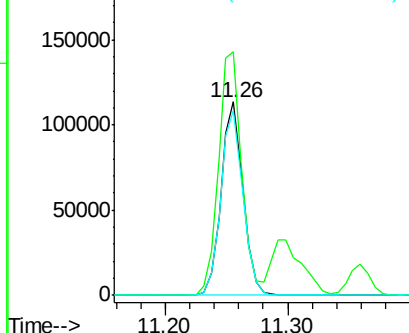
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Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 20.167 ug/l

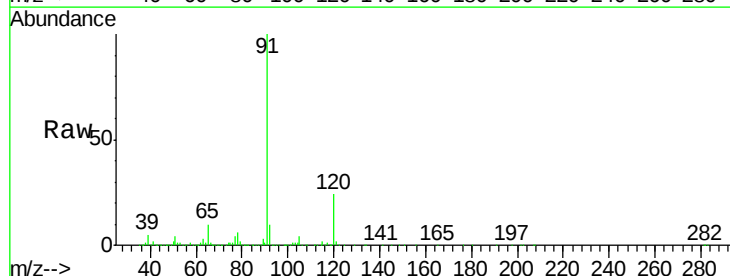
RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX007033.D

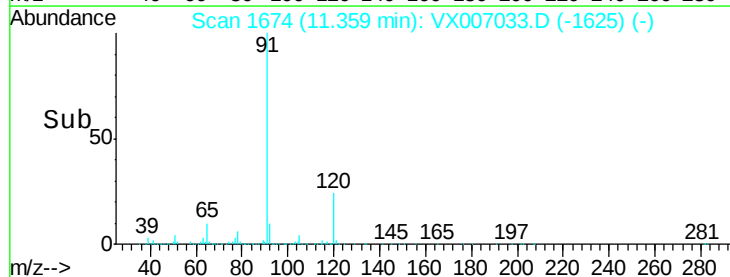
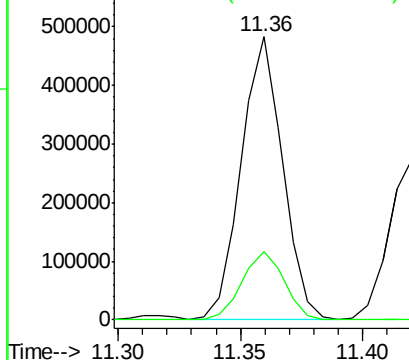
Acq: 14 Jan 2019 12:30

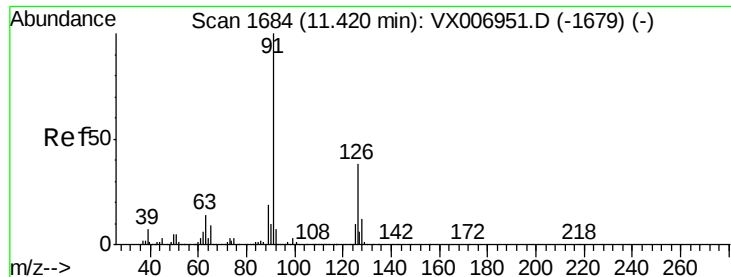
Tgt Ion	Ratio	Lower	Upper
91	100		
120	24.9	12.7	38.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





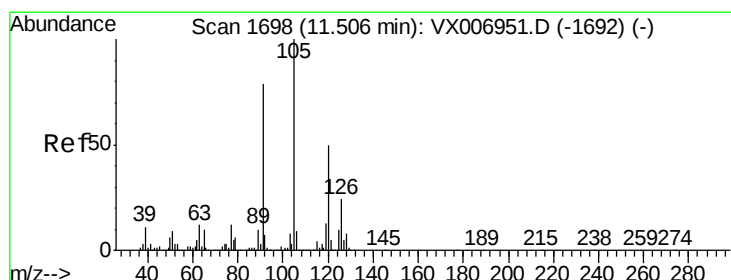
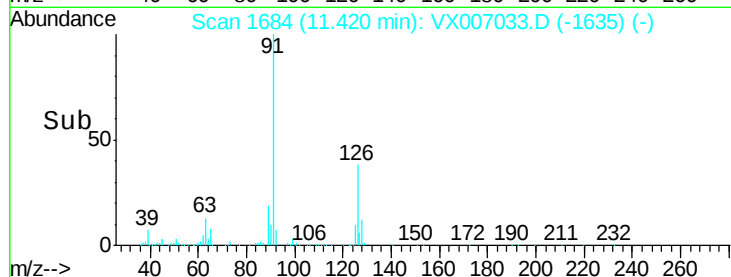
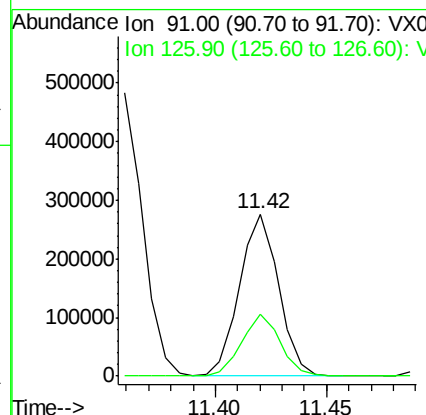
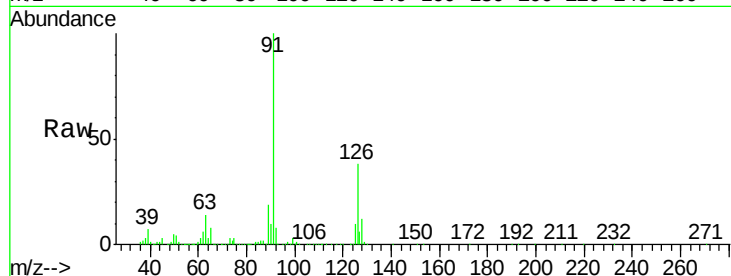
#79
2-Chlorotoluene
Concen: 19.948 ug/l
RT: 11.42 min Scan# 1684
Delta R.T. 0.00 min
Lab File: VX007033.D
Acq: 14 Jan 2019 12:30

Instrument :
MSVOA_X
ClientSampleId :
VX0114WBS01

Tot Ion: 91 Resp: 337401
Ion Ratio Lower Upper
91 100
126 37.6 18.6 56.0

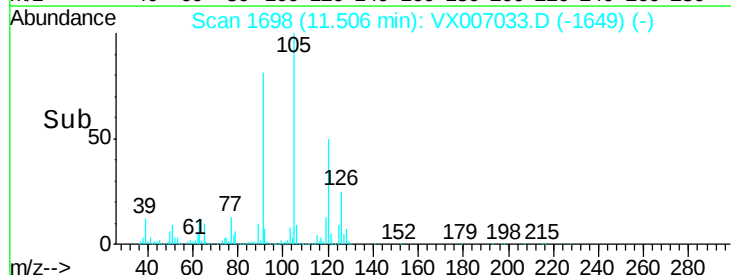
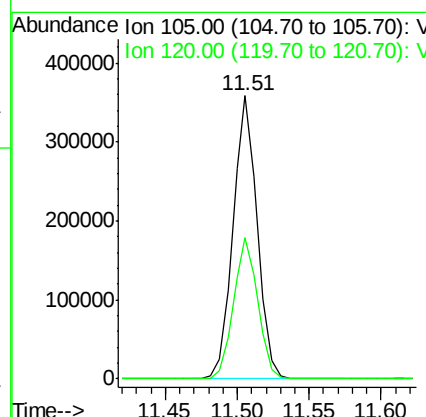
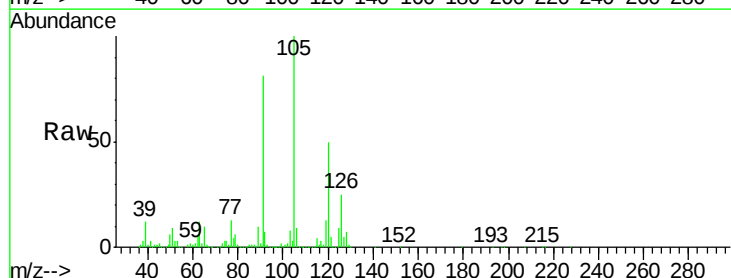
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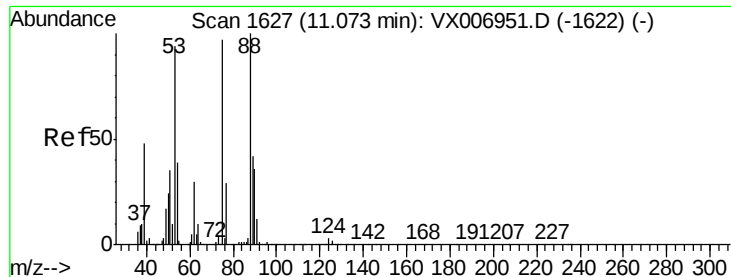
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#80
1,3,5-Trimethylbenzene
Concen: 19.699 ug/l
RT: 11.51 min Scan# 1698
Delta R.T. 0.00 min
Lab File: VX007033.D
Acq: 14 Jan 2019 12:30

Tgt Ion: 105 Resp: 421293
Ion Ratio Lower Upper
105 100
120 50.2 25.1 75.3





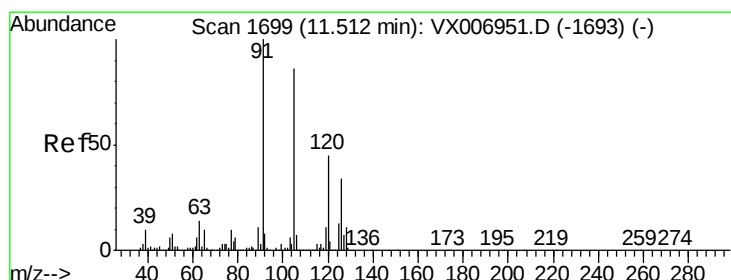
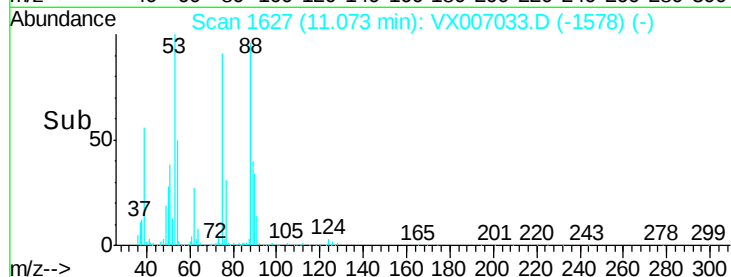
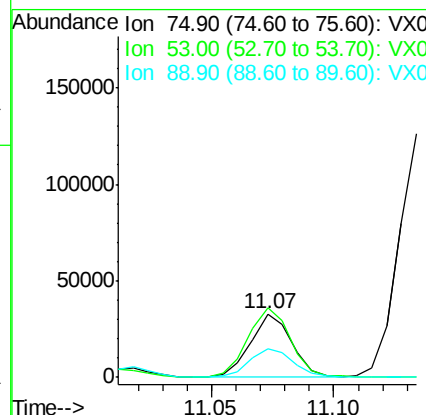
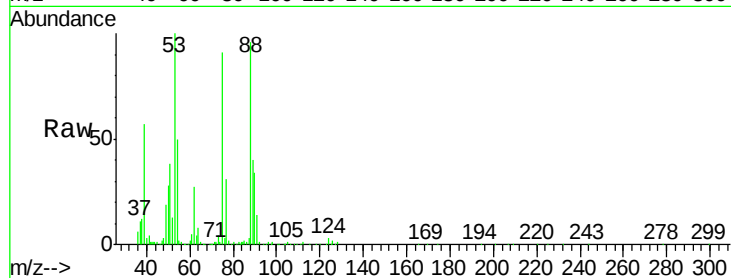
#81
trans-1,4-Dichloro-2-butene
Concen: 18.536 ug/l
RT: 11.07 min Scan# 1627
Delta R.T. 0.00 min
Lab File: VX007033.D
Acq: 14 Jan 2019 12:30

Instrument :
MSVOA_X
ClientSampleId :
VX0114WBS01

Tot Ion	Ratio	Lower	Upper
75	100		
53	112.2	79.7	119.5
89	48.0	38.0	57.0

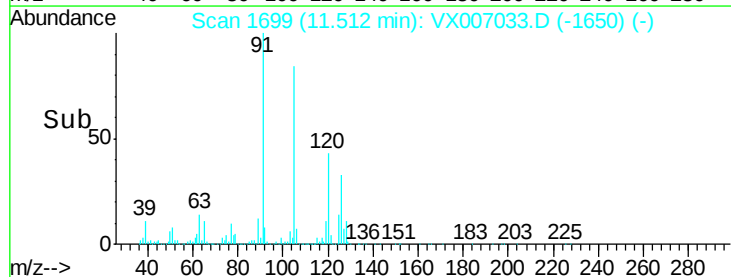
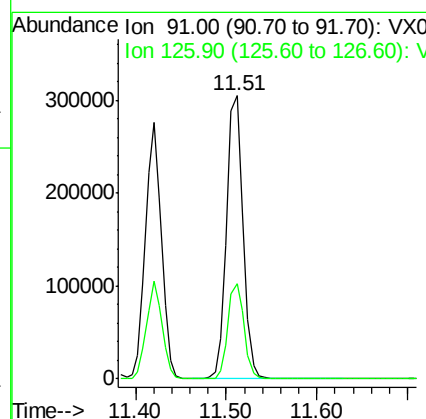
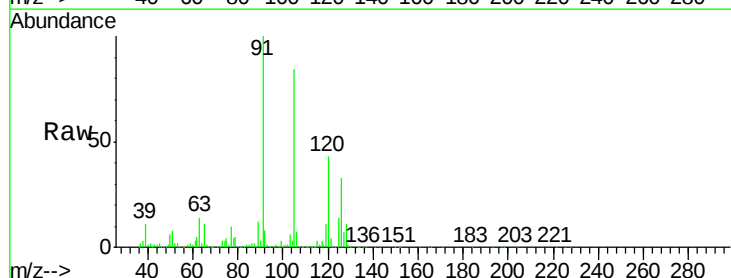
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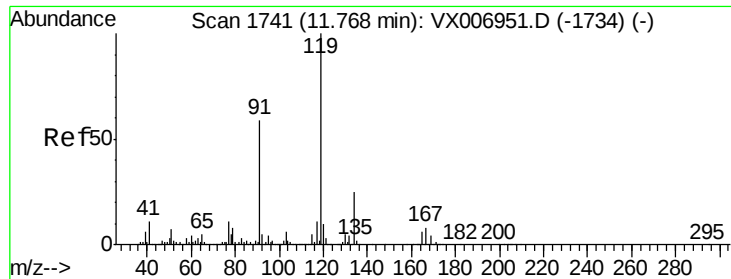
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#82
4-Chlorotoluene
Concen: 19.710 ug/l
RT: 11.51 min Scan# 1699
Delta R.T. 0.00 min
Lab File: VX007033.D
Acq: 14 Jan 2019 12:30

Tgt Ion	Ratio	Lower	Upper
91	100		
126	33.2	16.3	48.9





#83

tert-Butylbenzene

Concen: 19.455 ug/l

RT: 11.77 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VX007033.D

Acq: 14 Jan 2019 12:30

Instrument :

MSVOA_X

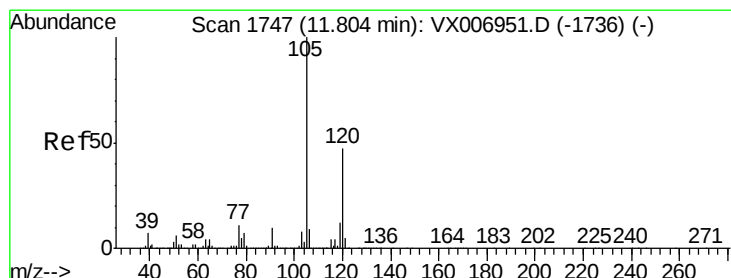
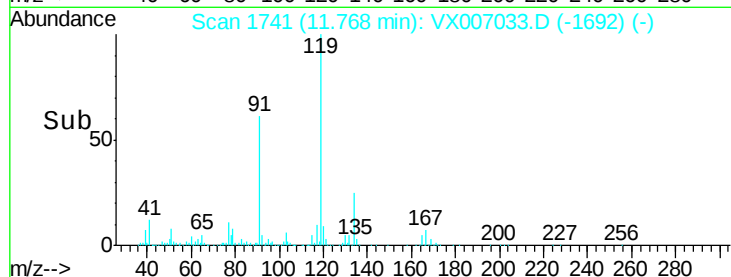
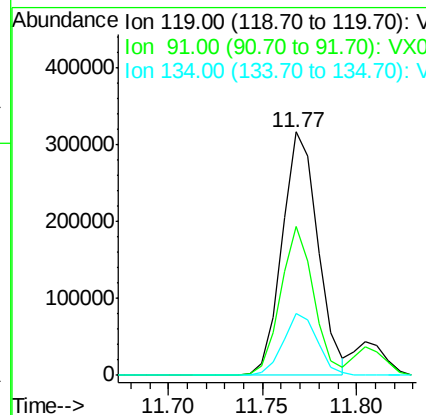
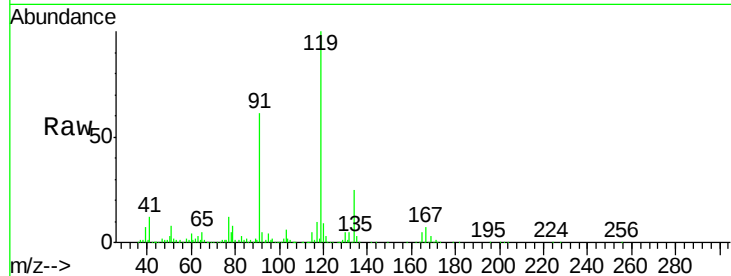
ClientSampleId :

VX0114WBS01

Tot Ion:	119	Resp:	415125
Ion Ratio	Lower	Upper	
119	100		
91	56.6	27.7	83.1
134	24.4	11.9	35.5

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#84

1,2,4-Trimethylbenzene

Concen: 20.243 ug/l

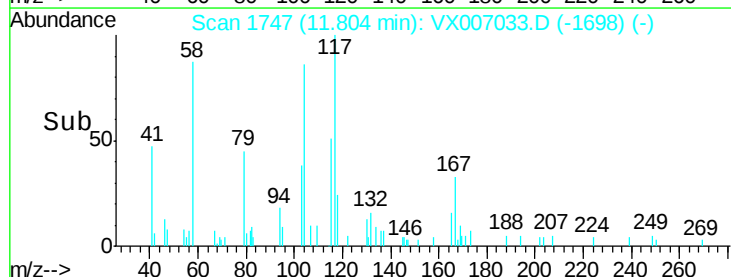
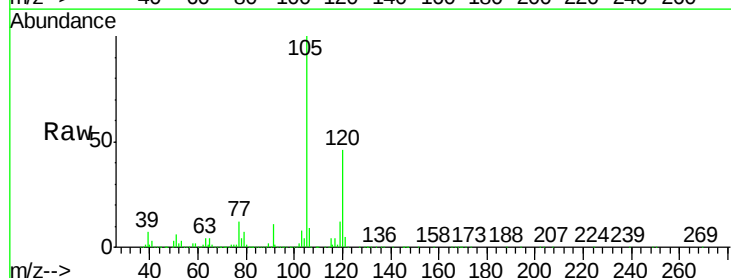
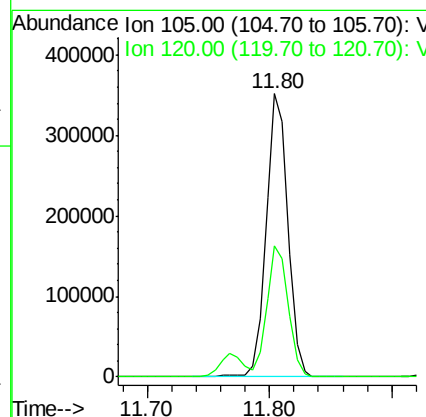
RT: 11.80 min Scan# 1747

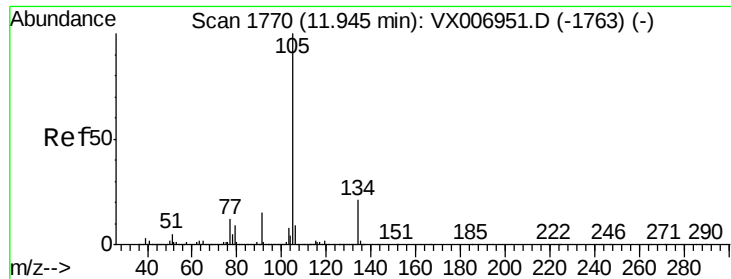
Delta R.T. 0.00 min

Lab File: VX007033.D

Acq: 14 Jan 2019 12:30

Tgt Ion:	105	Resp:	435343
Ion Ratio	Lower	Upper	
105	100		
120	45.4	23.2	69.6





#85

sec-Butylbenzene

Concen: 19.964 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. 0.00 min

Lab File: VX007033.D

Acq: 14 Jan 2019 12:30

Instrument :

MSVOA_X

ClientSampleId :

VX0114WBS01

Tot Ion:105 Resp: 508756

Ion Ratio Lower Upper

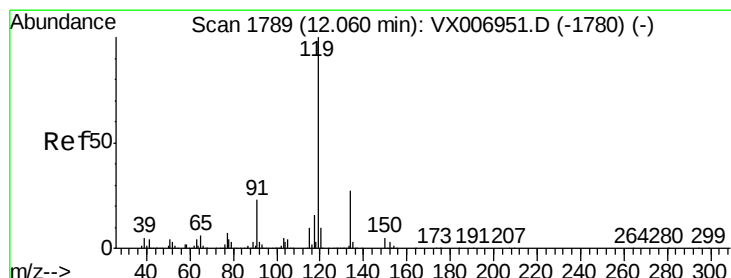
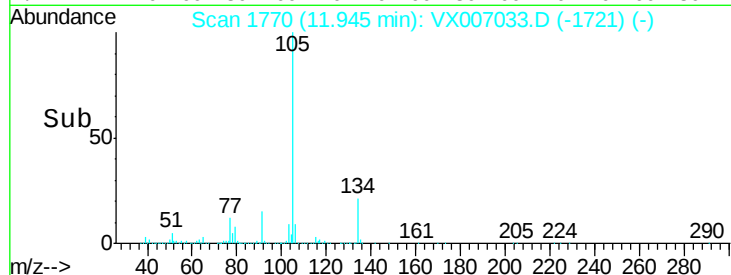
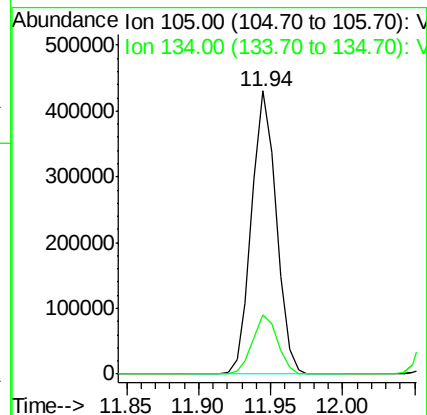
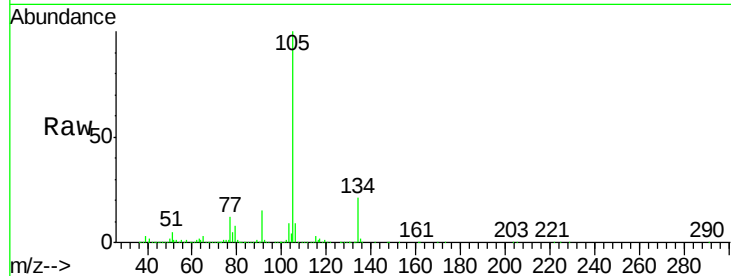
105 100

134 21.1 10.7 31.9

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#86

p-Isopropyltoluene

Concen: 19.754 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. 0.00 min

Lab File: VX007033.D

Acq: 14 Jan 2019 12:30

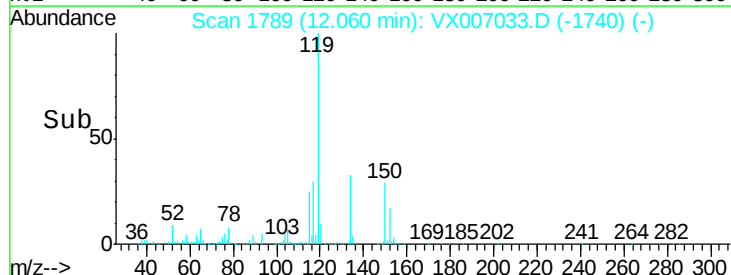
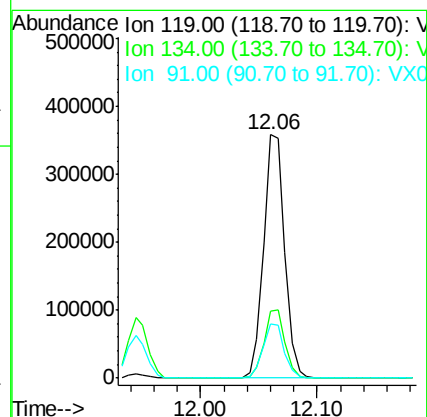
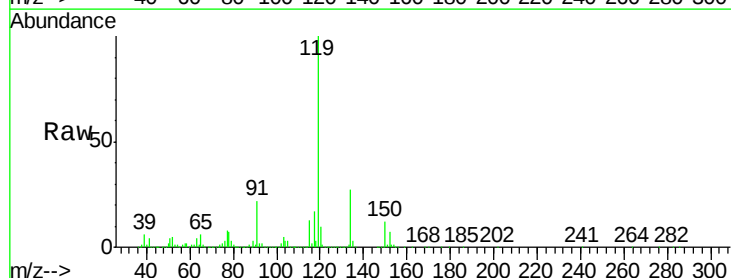
Tgt Ion:119 Resp: 450268

Ion Ratio Lower Upper

119 100

134 27.8 14.0 41.9

91 22.4 11.3 33.9





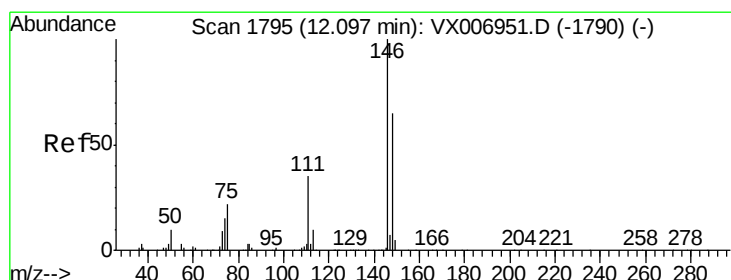
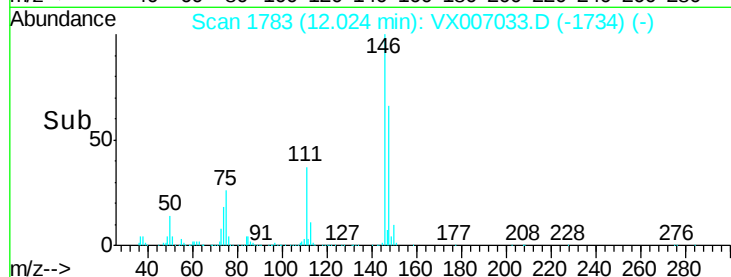
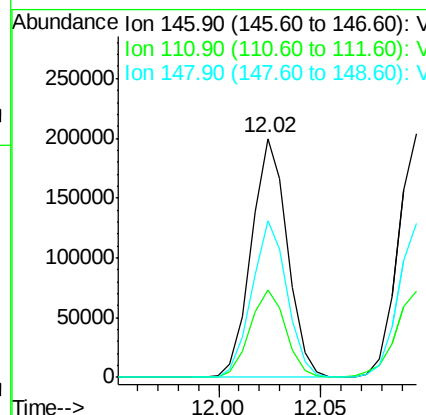
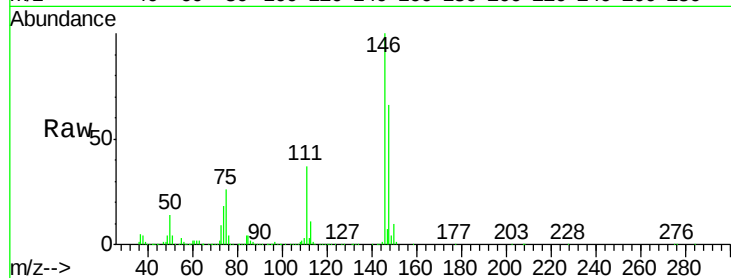
#87
 1,3-Dichlorobenzene
 Concen: 19.187 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. 0.00 min
 Lab File: VX007033.D
 Acq: 14 Jan 2019 12:30

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0114WBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	36.5	18.6	55.8
148	64.4	31.8	95.3

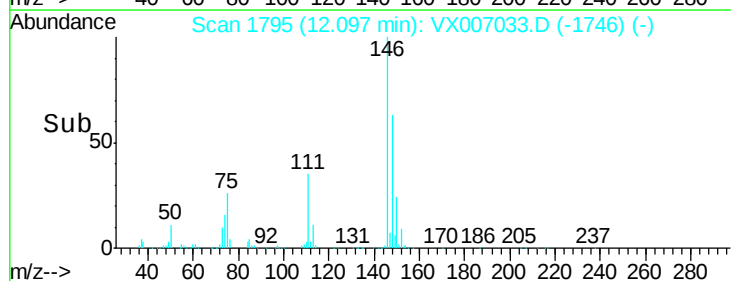
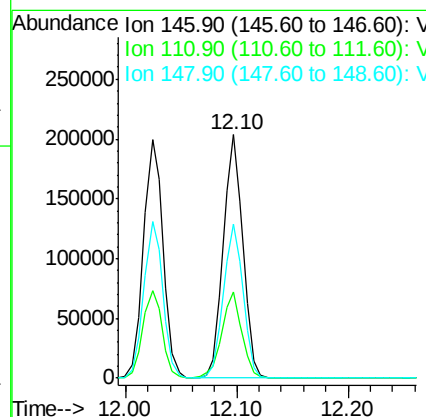
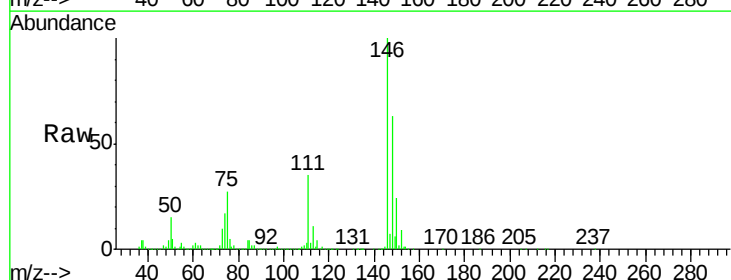
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#88
 1,4-Dichlorobenzene
 Concen: 20.597 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. 0.00 min
 Lab File: VX007033.D
 Acq: 14 Jan 2019 12:30

Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.2	18.1	54.1
148	63.6	31.9	95.9





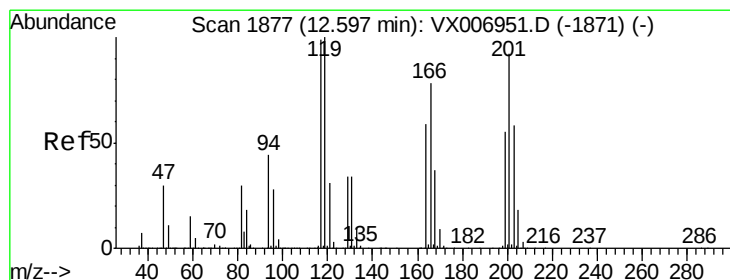
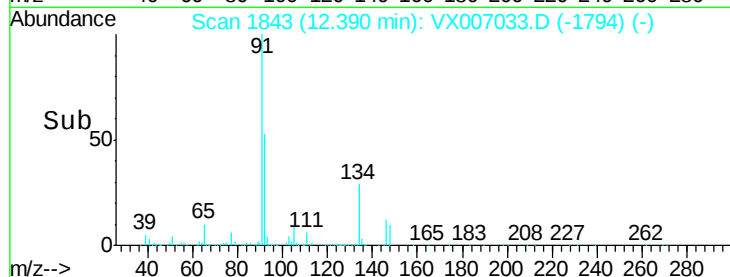
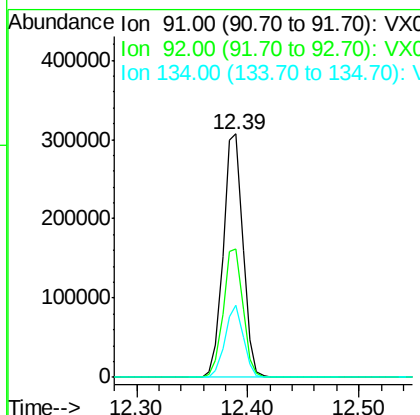
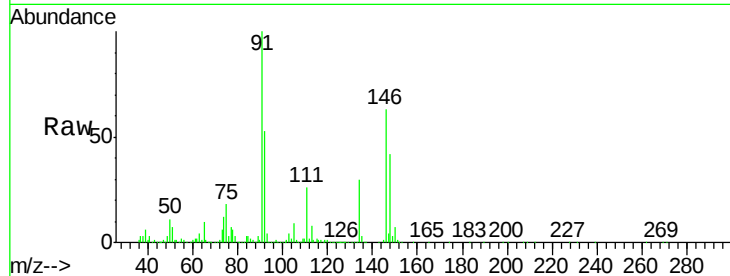
#89
n-Butylbenzene
Concen: 19.359 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. 0.00 min
Lab File: VX007033.D
Acq: 14 Jan 2019 12:30

Instrument :
MSVOA_X
ClientSampleId :
VX0114WBS01

Tot Ion	Ratio	Lower	Upper
91	100		
92	52.7	26.8	80.4
134	27.9	14.4	43.2

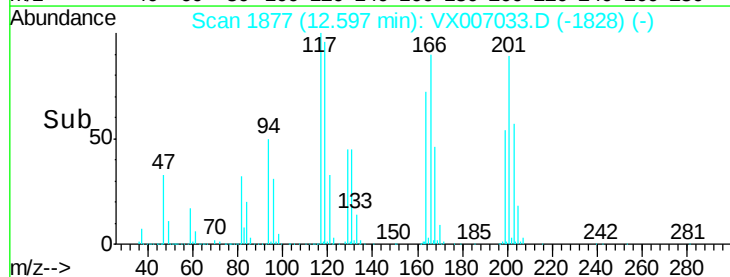
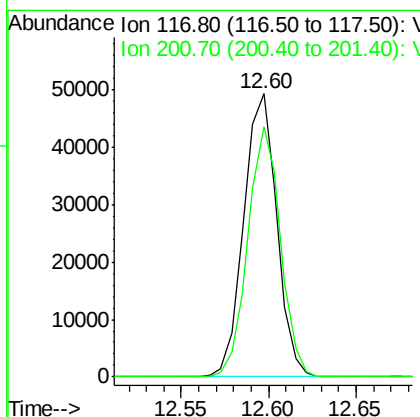
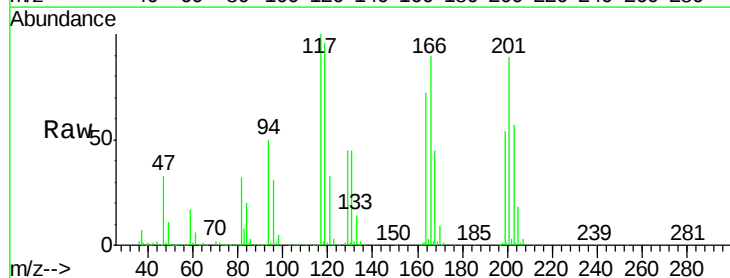
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#90
Hexachloroethane
Concen: 19.671 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. 0.00 min
Lab File: VX007033.D
Acq: 14 Jan 2019 12:30

Tgt Ion	Ratio	Lower	Upper
117	100		
201	87.2	42.9	128.7





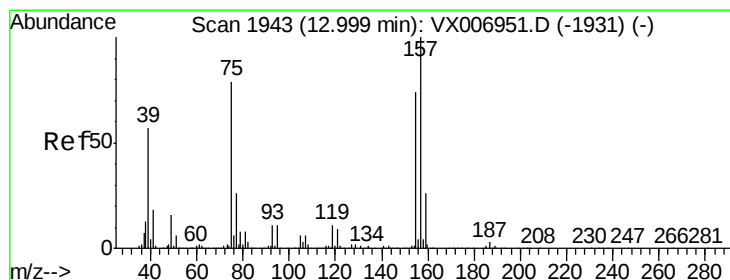
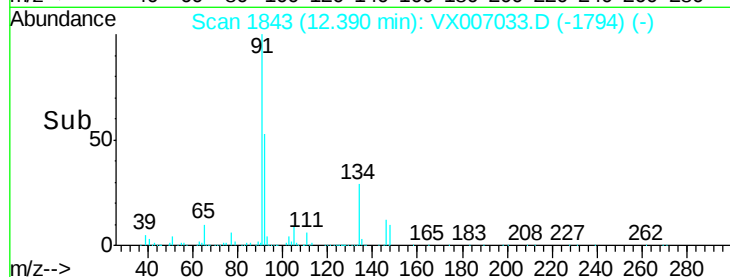
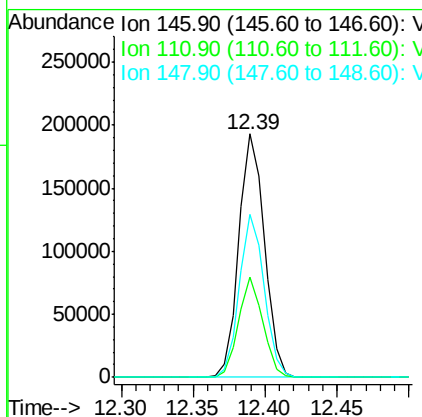
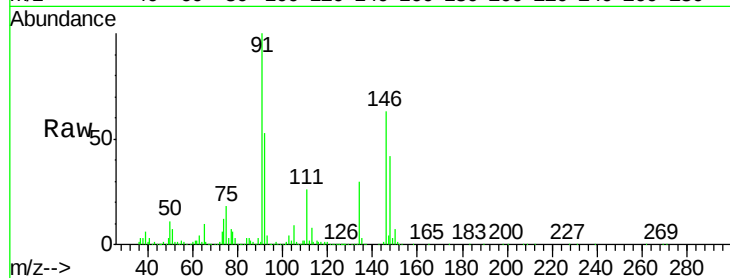
#91
 1,2-Dichlorobenzene
 Concen: 19.087 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. 0.00 min
 Lab File: VX007033.D
 Acq: 14 Jan 2019 12:30

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0114WBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.0	19.4	58.2
148	65.0	32.3	96.9

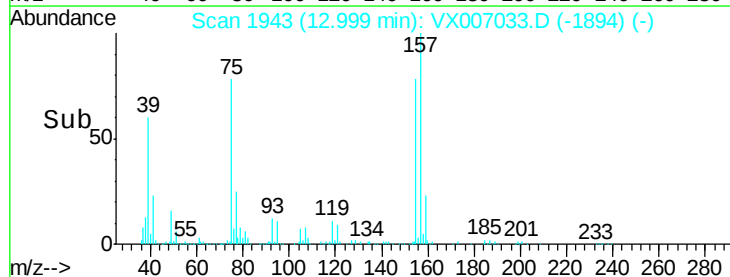
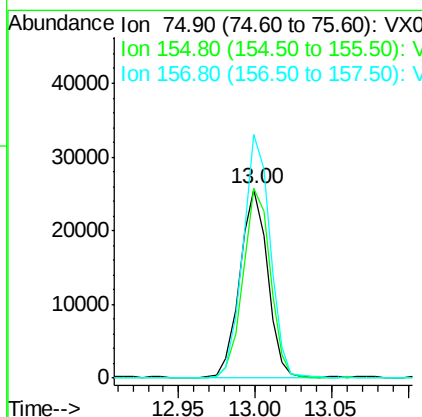
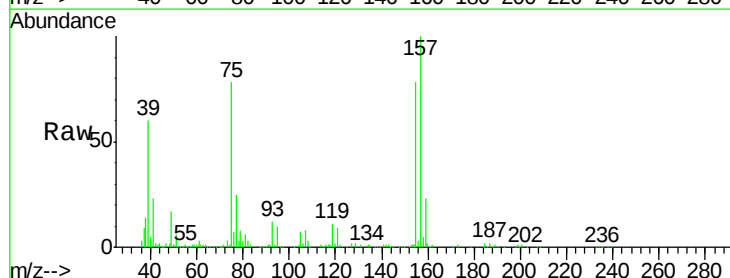
Manual Integrations
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 19.884 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VX007033.D
 Acq: 14 Jan 2019 12:30

Tgt Ion	Ratio	Lower	Upper
75	100		
155	99.7	50.6	151.8
157	128.4	64.6	193.8





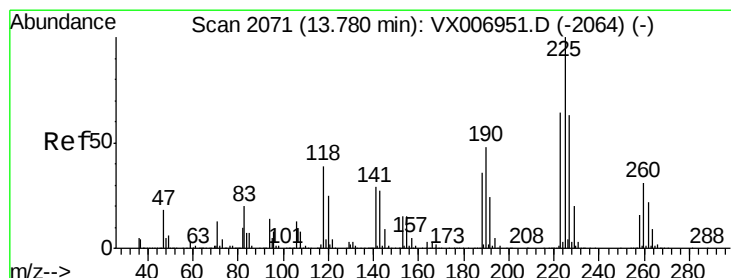
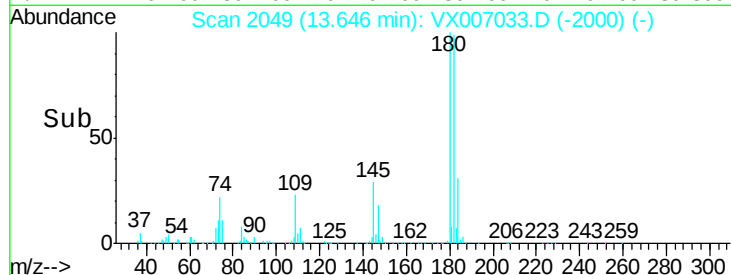
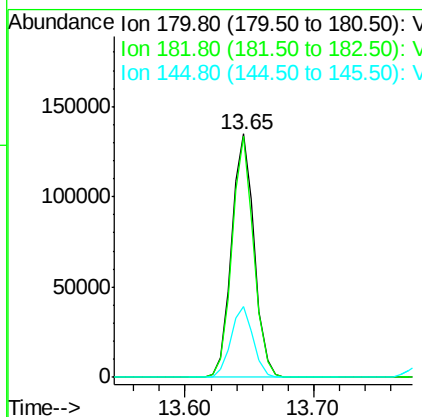
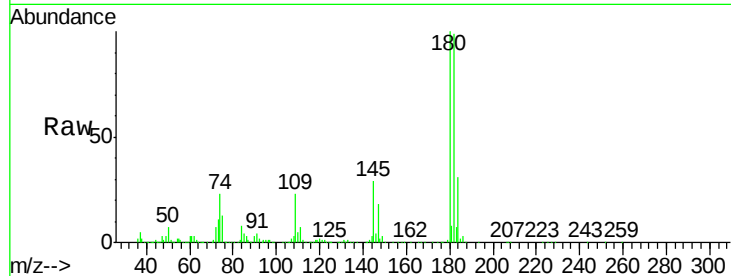
#93
 1,2,4-Trichlorobenzene
 Concen: 19.206 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. 0.00 min
 Lab File: VX007033.D
 Acq: 14 Jan 2019 12:30

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0114WBS01

Tot Ion	Ratio	Resp	Lower	Upper
180	100	165758		
182	94.5	47.3	142.0	
145	28.6	14.8	44.3	

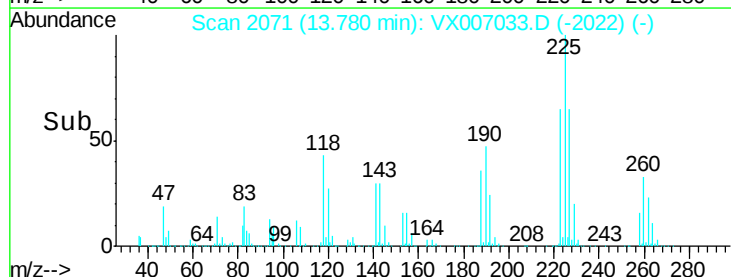
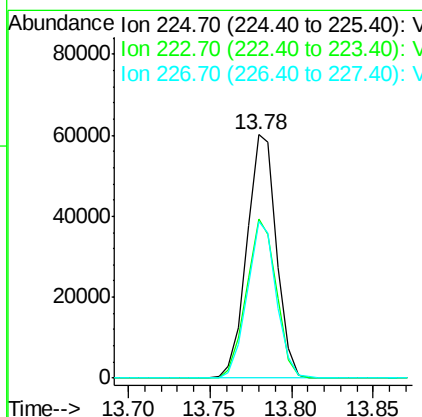
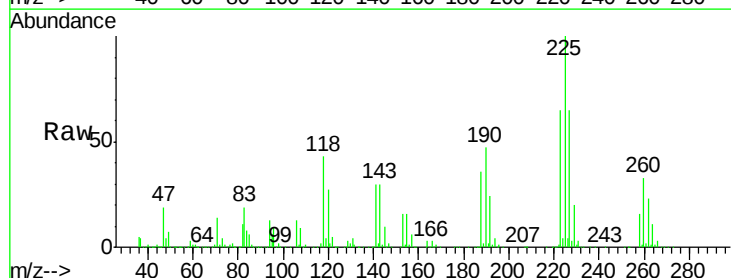
Manual Integrations
 APPROVED

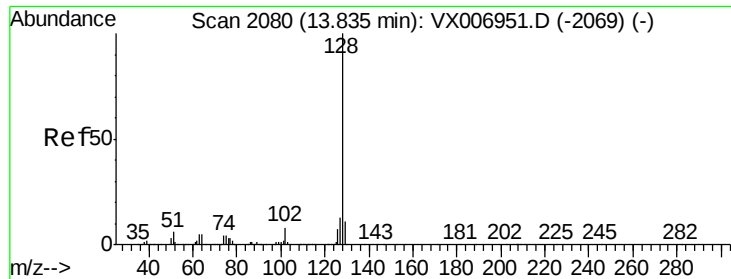
MMDadoda
 1/15/2019 11:13:31 AM



#94
 Hexachlorobutadiene
 Concen: 19.893 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. 0.00 min
 Lab File: VX007033.D
 Acq: 14 Jan 2019 12:30

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	76190		
223	65.9	32.1	96.3	
227	62.9	32.3	96.8	





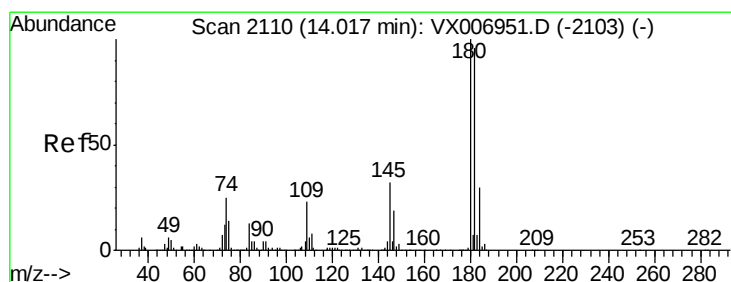
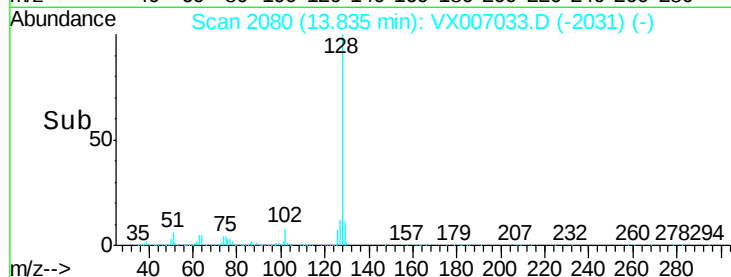
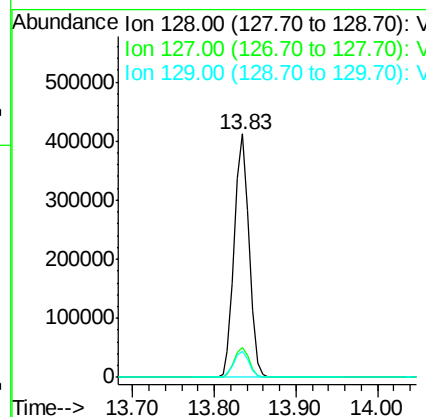
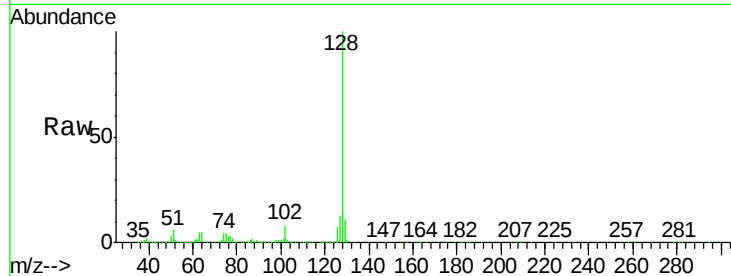
#95
Naphthalene
Concen: 19.490 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VX007033.D
Acq: 14 Jan 2019 12:30

Instrument :
MSVOA_X
ClientSampleId :
VX0114WBS01

Tot Ion	Ratio	Resp	Lower	Upper
128	100	509717		
127	12.7		10.1	15.1
129	11.0		8.6	13.0

Manual Integrations
APPROVED

MMDadoda
1/15/2019 11:13:31 AM



#96
1,2,3-Trichlorobenzene
Concen: 19.230 ug/l
RT: 14.02 min Scan# 2110
Delta R.T. 0.00 min
Lab File: VX007033.D
Acq: 14 Jan 2019 12:30

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	164867		
182	95.7		48.5	145.5
145	30.0		16.0	47.9

