

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX011619\
 Data File : VX007072.D
 Acq On : 16 Jan 2019 13:27
 Operator : JC/SP
 Sample : VX0116WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0116WBSD01

Manual Integrations
 APPROVED

MMDadoda
 1/17/2019 9:09:51 AM

Quant Time: Jan 17 00:16:31 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	497116	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	751222	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	684678	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	346011	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	272198	52.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.78%	
35) Dibromofluoromethane	5.50	113	242354	50.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.76%	
50) Toluene-d8	8.71	98	901025	51.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.34%	
62) 4-Bromofluorobenzene	11.13	95	321810	52.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.84%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	86545	21.200	ug/l	98
3) Chloromethane	1.33	50	95207	20.034	ug/l	95
4) Vinyl Chloride	1.41	62	105767	20.690	ug/l	98
5) Bromomethane	1.64	94	107124	19.613	ug/l	97
6) Chloroethane	1.72	64	69354	19.430	ug/l	99
7) Trichlorofluoromethane	1.93	101	165750	20.067	ug/l	97
8) Diethyl Ether	2.19	74	66418	20.211	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.39	101	98036	19.825	ug/l	97
10) Methyl Iodide	2.51	142	143792	21.556	ug/l	100
11) Tert butyl alcohol	3.07	59	131835	107.574	ug/l	100
12) 1,1-Dichloroethene	2.37	96	89578	19.606	ug/l	96
13) Acrolein	2.30	56	69616	133.170	ug/l	98
14) Allyl chloride	2.73	41	157428	20.105	ug/l	99
15) Acrylonitrile	3.15	53	297619	105.787	ug/l	100
16) Acetone	2.45	43	275351	107.208	ug/l	100
17) Carbon Disulfide	2.57	76	202978	17.256	ug/l	98
18) Methyl Acetate	2.78	43	163283	21.953	ug/l	98
19) Methyl tert-butyl Ether	3.20	73	329168	20.757	ug/l	98
20) Methylene Chloride	2.86	84	104781	21.122	ug/l	94
21) trans-1,2-Dichloroethene	3.17	96	97448	19.139	ug/l	99
22) Diisopropyl ether	3.87	45	302504	20.550	ug/l	98
23) Vinyl Acetate	3.82	43	1238348	99.752	ug/l	99
24) 1,1-Dichloroethane	3.70	63	168342	20.451	ug/l	99
25) 2-Butanone	4.70	43	389911	106.099	ug/l	100
26) 2,2-Dichloropropane	4.58	77	118243	18.681	ug/l	98
27) cis-1,2-Dichloroethene	4.60	96	110994	19.764	ug/l	99
28) Bromochloromethane	5.02	49	72060	19.981	ug/l	100
29) Tetrahydrofuran	5.15	42	248578	104.082	ug/l	98
30) Chloroform	5.21	83	176449	20.474	ug/l	97
31) Cyclohexane	5.57	56	141007	19.247	ug/l	97
32) 1,1,1-Trichloroethane	5.49	97	145711	19.947	ug/l	98
36) 1,1-Dichloropropene	5.80	75	125508	19.217	ug/l	100
37) Ethyl Acetate	4.85	43	142618	20.368	ug/l	97
38) Carbon Tetrachloride	5.78	117	121788	18.534	ug/l	97

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

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	155428	18.667	ug/l	95
40) Benzene	6.14	78	394857	19.813	ug/l	97
41) Methacrylonitrile	5.06	41	77528	19.220	ug/l	99
42) 1,2-Dichloroethane	6.20	62	136040	19.754	ug/l	98
43) Isopropyl Acetate	6.46	43	218379	19.772	ug/l	99
44) Trichloroethene	7.21	130	117050	19.600	ug/l	96
45) 1,2-Dichloropropane	7.51	63	101662	20.291	ug/l	96
46) Dibromomethane	7.66	93	71545	20.319	ug/l	99
47) Bromodichloromethane	7.90	83	114407	19.088	ug/l	96
48) Methyl methacrylate	7.77	41	115777	20.412	ug/l	96
49) 1,4-Dioxane	7.75	88	56257	429.420	ug/l	96
51) 4-Methyl-2-Pentanone	8.65	43	747434	105.301	ug/l	99
52) Toluene	8.78	92	255288	19.930	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	125216	18.841	ug/l	97
54) cis-1,3-Dichloropropene	8.43	75	142639	19.434	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	108535	21.169	ug/l	96
56) Ethyl methacrylate	9.18	69	153613	20.524	ug/l	97
57) 1,3-Dichloropropane	9.37	76	171162	20.378	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	394294	102.459	ug/l	98
59) 2-Hexanone	9.49	43	567302	104.878	ug/l	99
60) Dibromochloromethane	9.58	129	100033	20.093	ug/l	97
61) 1,2-Dibromoethane	9.67	107	115127	20.397	ug/l	100
64) Tetrachloroethene	9.34	164	121982	20.578	ug/l	95
65) Chlorobenzene	10.14	112	295837	19.811	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	101697	20.244	ug/l	98
67) Ethyl Benzene	10.25	91	481859	19.546	ug/l	99
68) m/p-Xylenes	10.36	106	375165	38.626	ug/l	98
69) o-Xylene	10.70	106	187675	19.813	ug/l	98
70) Styrene	10.71	104	303258	20.214	ug/l	99
71) Bromoform	10.86	173	71397	19.111	ug/l #	97
73) Isopropylbenzene	11.02	105	491214	20.133	ug/l	99
74) N-amyl acetate	10.90	43	196910	20.045	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	156115	20.155	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	145505m	20.752	ug/l	
77) Bromobenzene	11.26	156	134566	20.017	ug/l	98
78) n-propylbenzene	11.36	91	544502	20.329	ug/l	98
79) 2-Chlorotoluene	11.42	91	328255	20.359	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	409131	20.068	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	36110	18.148	ug/l	89
82) 4-Chlorotoluene	11.51	91	375339	20.106	ug/l	100
83) tert-Butylbenzene	11.77	119	406880	20.003	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	419447	20.460	ug/l	99
85) sec-Butylbenzene	11.94	105	491214	20.221	ug/l	100
86) p-Isopropyltoluene	12.06	119	441604	20.324	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	238507	19.628	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	237922	20.750	ug/l	98
89) n-Butylbenzene	12.39	91	362898	19.592	ug/l	98
90) Hexachloroethane	12.60	117	61306	19.554	ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	239585	19.980	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	13.00	75	29627	19.340	ug/l	99

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MSVOA_X
ClientSampleId :
VX0116WBSD01

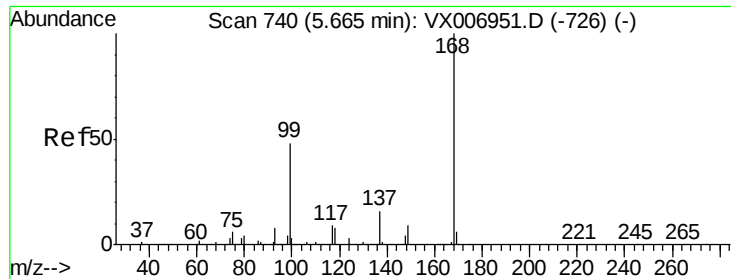
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	158225	19.232	ug/l	98
94) Hexachlorobutadiene	13.78	225	73557	20.148	ug/l	98
95) Naphthalene	13.83	128	487489	19.555	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	156770	19.182	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.00 min

Lab File: VX007072.D

Acq: 16 Jan 2019 13:27

Instrument :

MSVOA_X

ClientSampleId :

VX0116WBSD01

Tot Ion:168 Resp: 497116

Ion Ratio Lower Upper

168 100

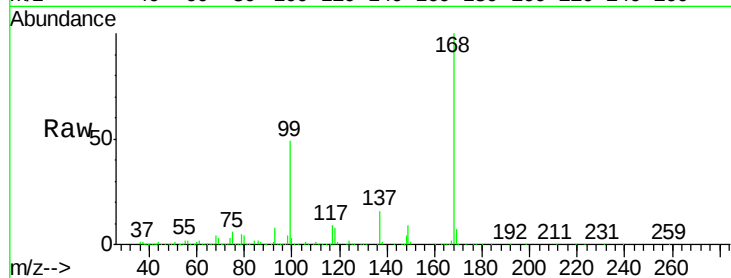
99 49.0 41.8 62.8

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

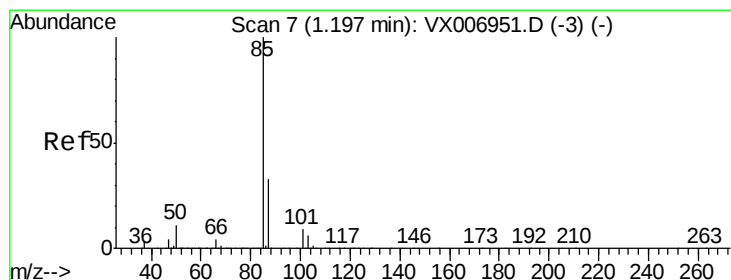
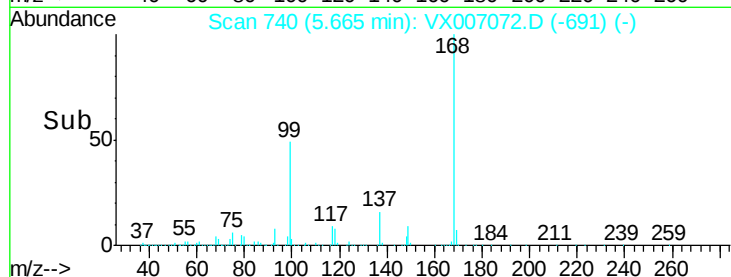
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 21.200 ug/l

RT: 1.20 min Scan# 7

Delta R.T. 0.00 min

Lab File: VX007072.D

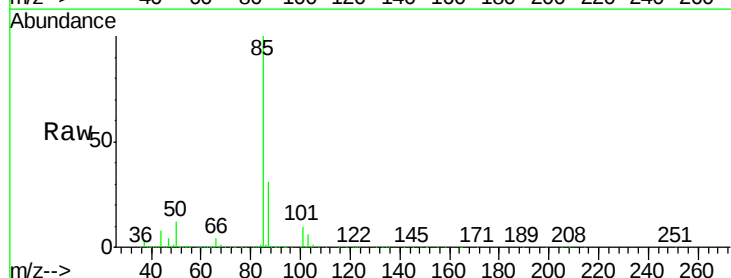
Acq: 16 Jan 2019 13:27

Tgt Ion: 85 Resp: 86545

Ion Ratio Lower Upper

85 100

87 30.6 15.9 47.6



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

100000

80000

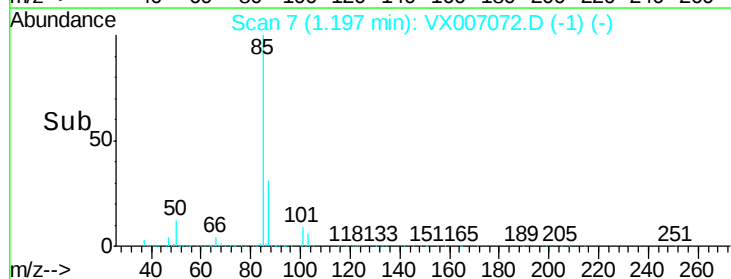
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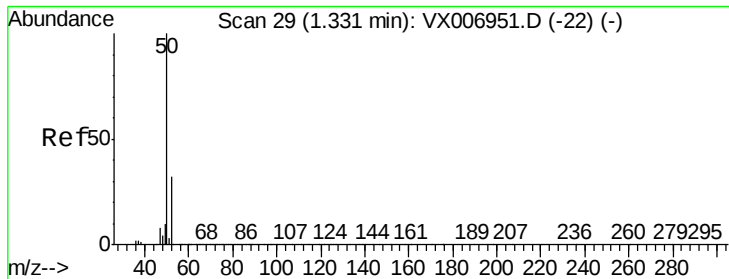
40000

20000

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Time-->





#3

Chloromethane

Concen: 20.034 ug/l

RT: 1.33 min Scan# 29

Delta R.T. 0.00 min

Lab File: VX007072.D

Acq: 16 Jan 2019 13:27

Tot Ion: 50 Resp: 95207

Ion Ratio Lower Upper

50 100

52 34.5 25.4 38.2

Instrument :

MSVOA_X

ClientSampleId :

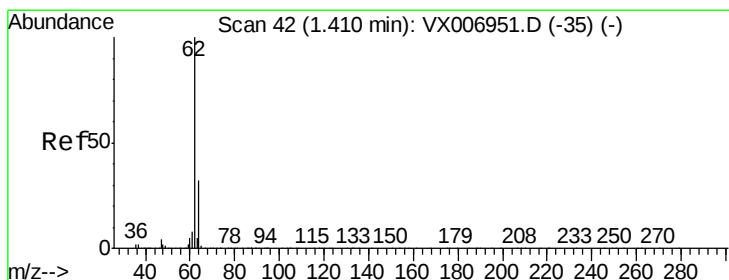
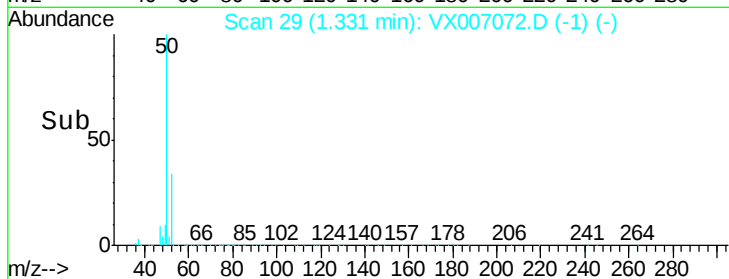
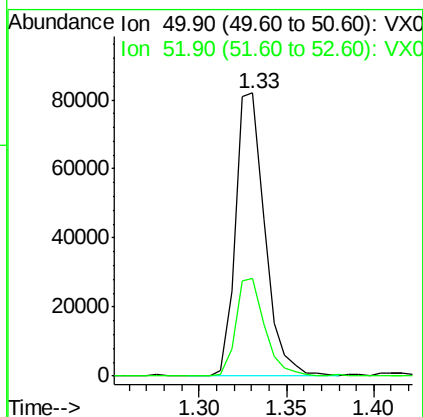
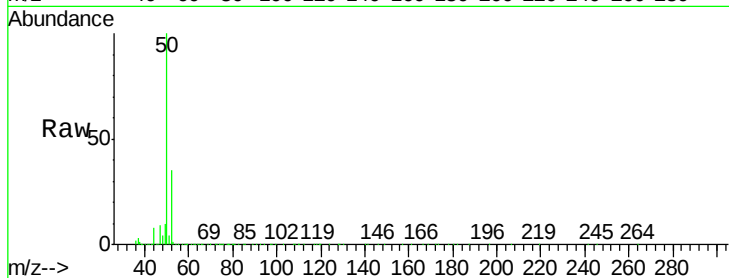
VX0116WBSD01

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#4

Vinyl Chloride

Concen: 20.690 ug/l

RT: 1.41 min Scan# 42

Delta R.T. 0.00 min

Lab File: VX007072.D

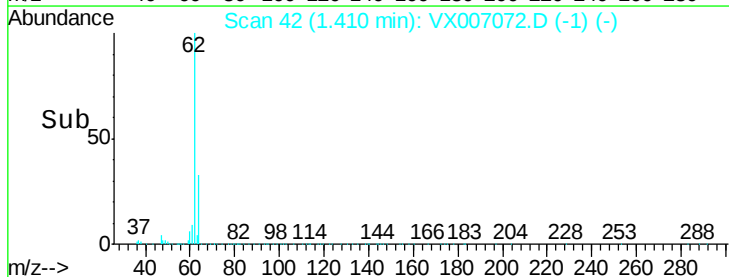
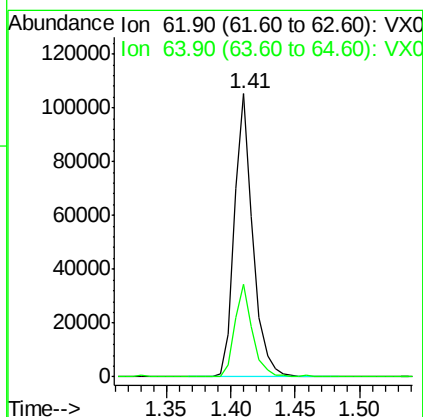
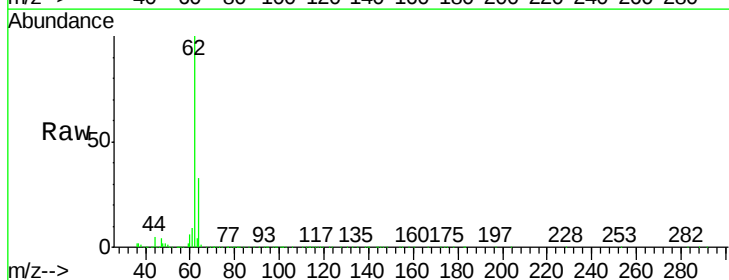
Acq: 16 Jan 2019 13:27

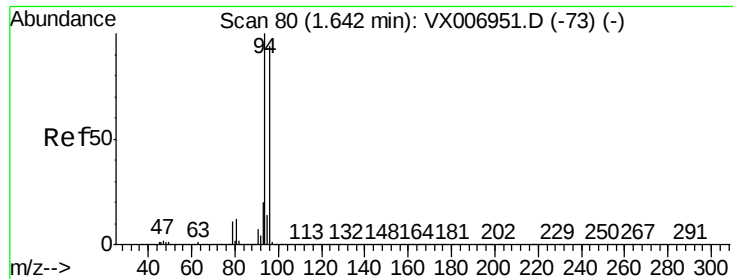
Tgt Ion: 62 Resp: 105767

Ion Ratio Lower Upper

62 100

64 32.4 25.1 37.7





#5

Bromomethane

Concen: 19.613 ug/l

RT: 1.64 min Scan# 80

Delta R.T. 0.00 min

Lab File: VX007072.D

Acq: 16 Jan 2019 13:27

Instrument :

MSVOA_X

ClientSampleId :

VX0116WBSD01

Tot Ion: 94 Resp: 107124

Ion Ratio Lower Upper

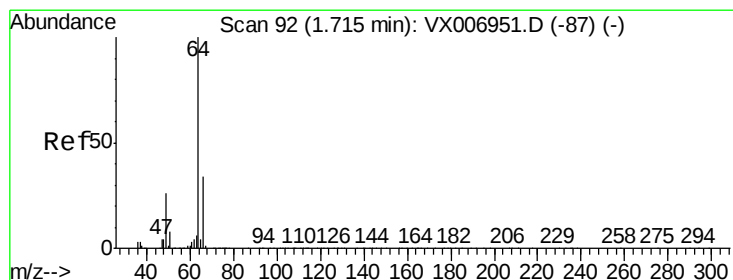
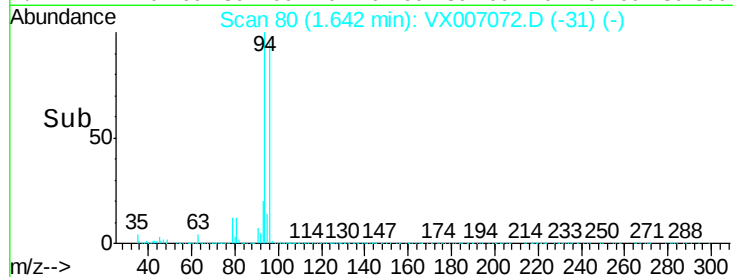
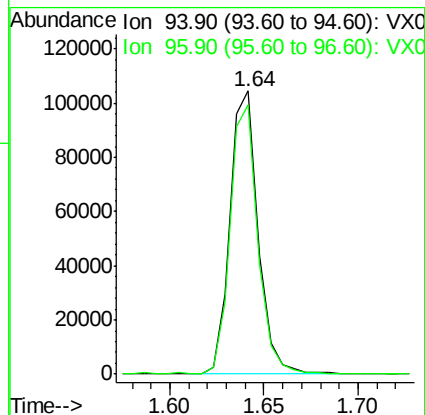
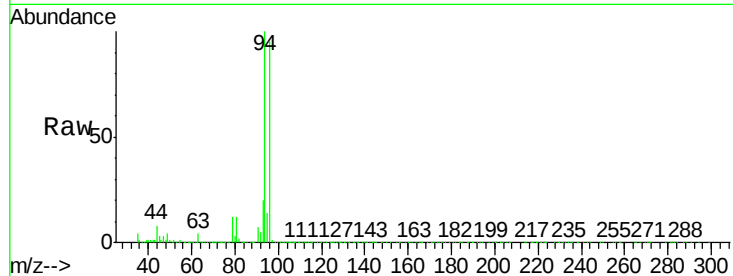
94 100

96 94.9 73.4 110.2

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#6

Chloroethane

Concen: 19.430 ug/l

RT: 1.72 min Scan# 93

Delta R.T. 0.01 min

Lab File: VX007072.D

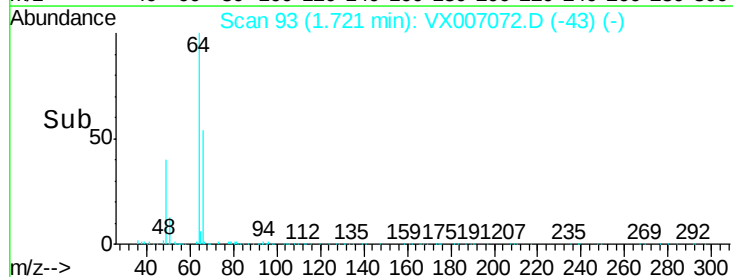
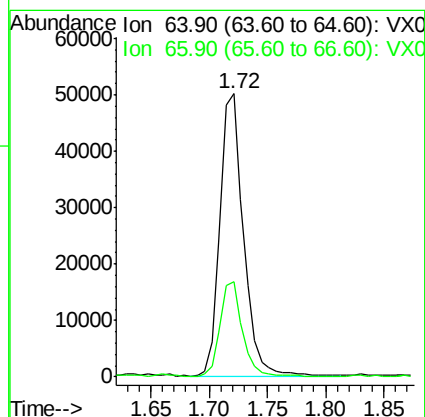
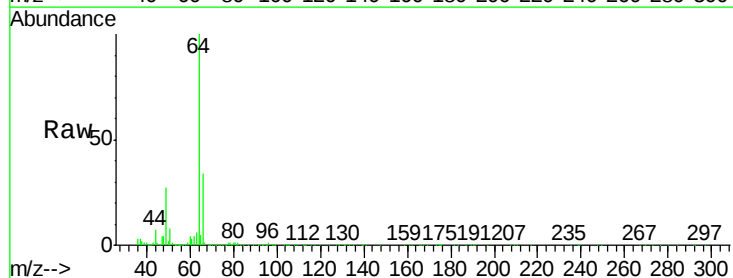
Acq: 16 Jan 2019 13:27

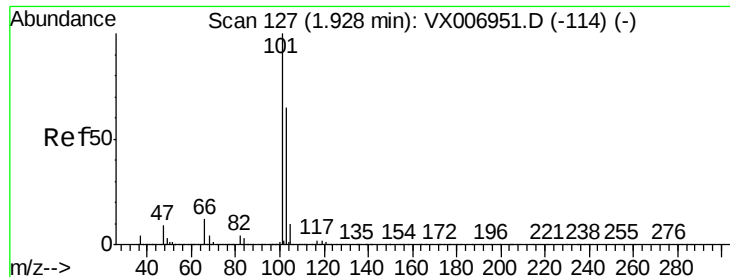
Tgt Ion: 64 Resp: 69354

Ion Ratio Lower Upper

64 100

66 33.5 26.4 39.6





#7

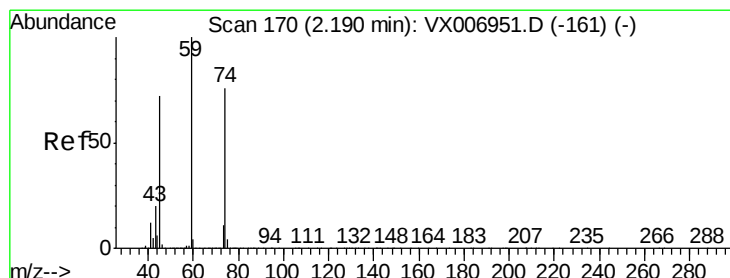
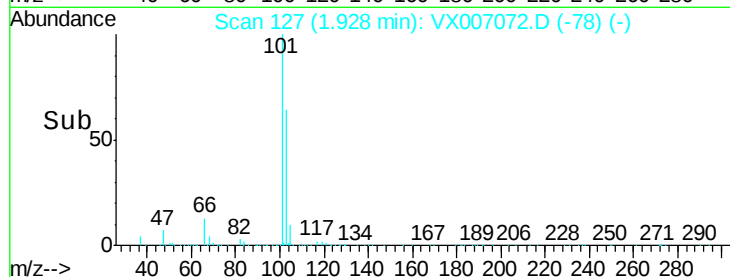
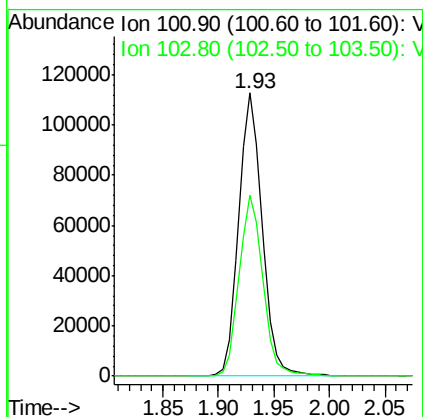
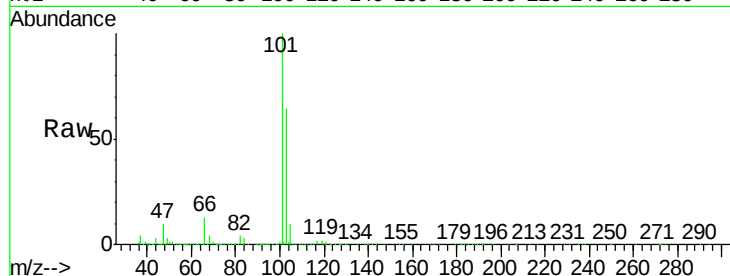
Trichlorofluoromethane
Concen: 20.067 ug/l
RT: 1.93 min Scan# 127
Delta R.T. 0.00 min
Lab File: VX007072.D
Acq: 16 Jan 2019 13:27

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ClientSampleId :
VX0116WBSD01

Tot Ion	Ratio	Lower	Upper
101	100		
103	63.9	53.2	79.8

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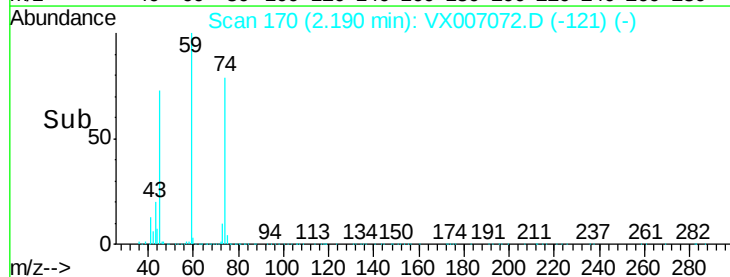
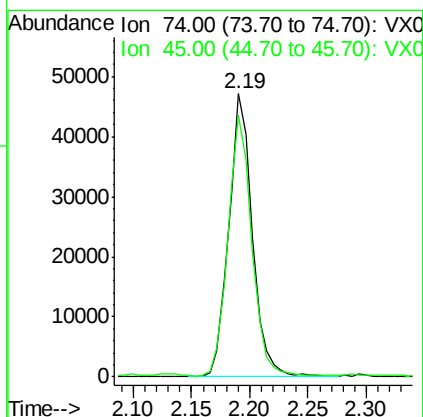
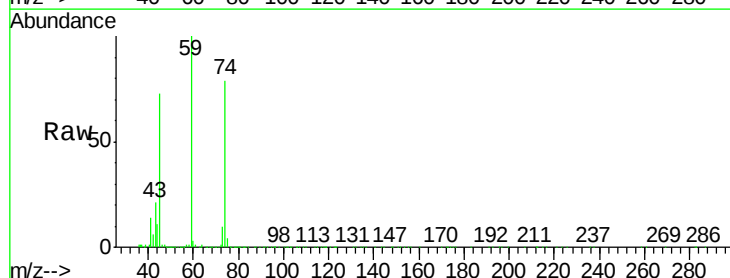
MMDadoda
1/17/2019 9:09:51 AM

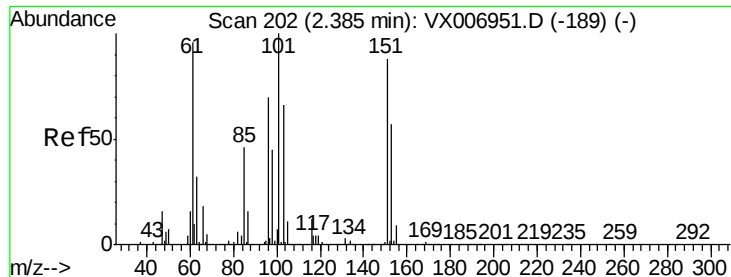


#8

Diethyl Ether
Concen: 20.211 ug/l
RT: 2.19 min Scan# 170
Delta R.T. 0.00 min
Lab File: VX007072.D
Acq: 16 Jan 2019 13:27

Tgt Ion	Ratio	Lower	Upper
74	100		
45	92.3	46.3	138.9





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.825 ug/l

RT: 2.39 min Scan# 202

Delta R.T. 0.00 min

Lab File: VX007072.D

Acq: 16 Jan 2019 13:27

Instrument :

MSVOA_X

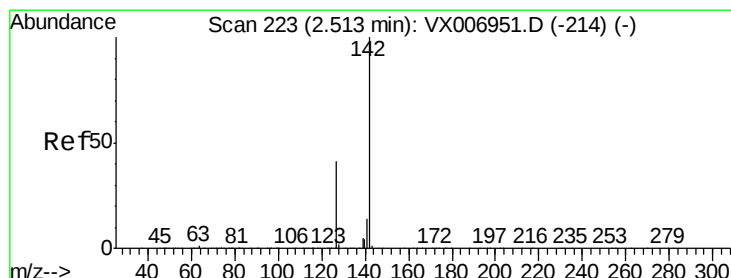
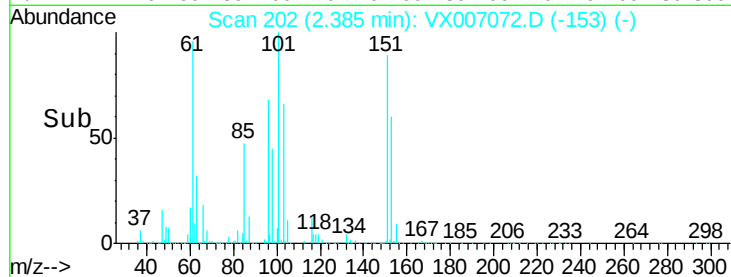
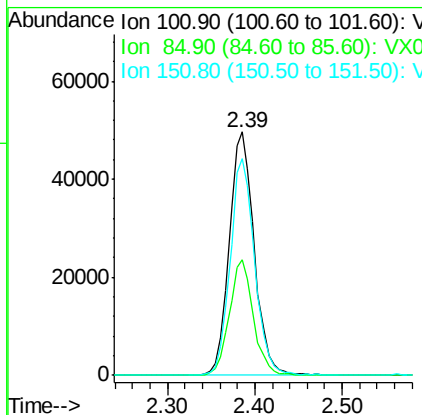
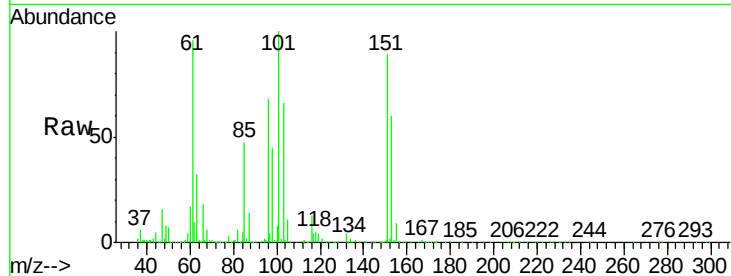
ClientSampleId :

VX0116WBSD01

Tot Ion:	101	Resp:	98036
Ion Ratio	Lower	Upper	
101	100		
85	46.6	35.1	52.7
151	88.0	68.9	103.3

Manual Integrations
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#10

Methyl Iodide

Concen: 21.556 ug/l

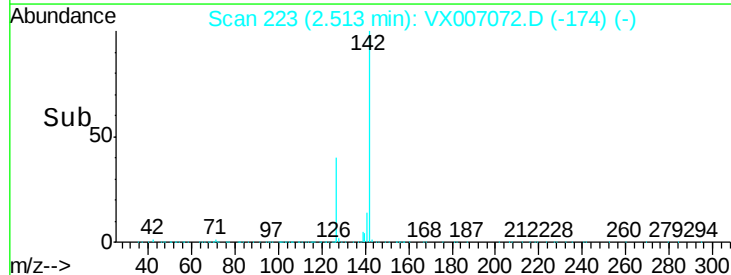
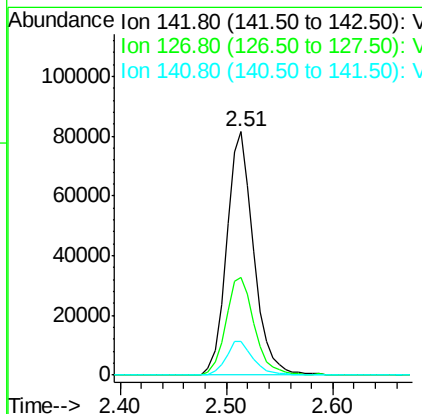
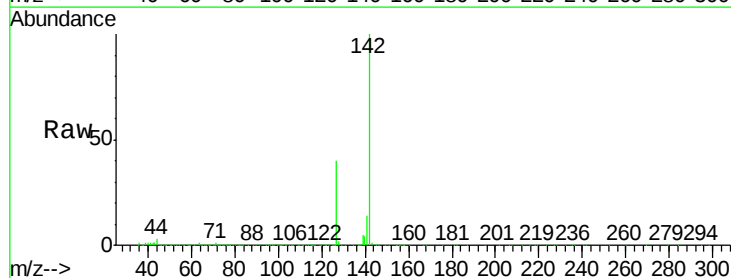
RT: 2.51 min Scan# 223

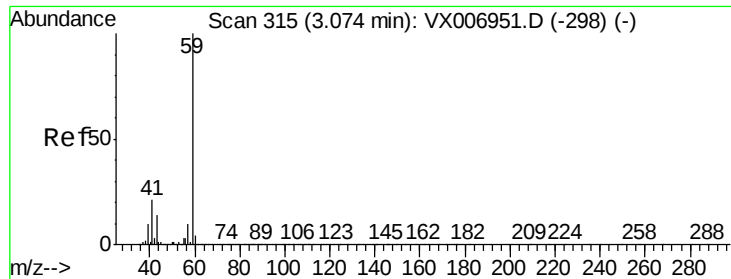
Delta R.T. 0.00 min

Lab File: VX007072.D

Acq: 16 Jan 2019 13:27

Tgt Ion:	142	Resp:	143792
Ion Ratio	Lower	Upper	
142	100		
127	42.7	33.9	50.9
141	14.2	11.4	17.0





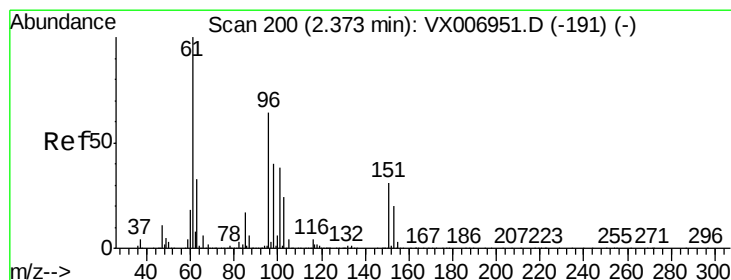
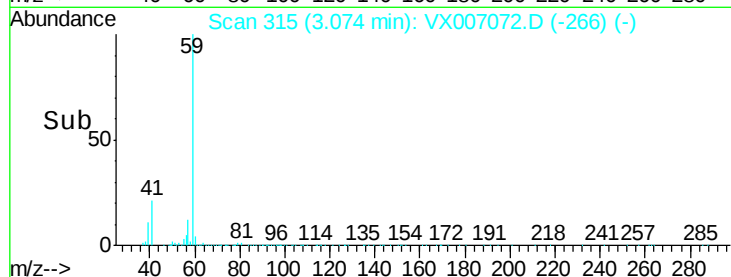
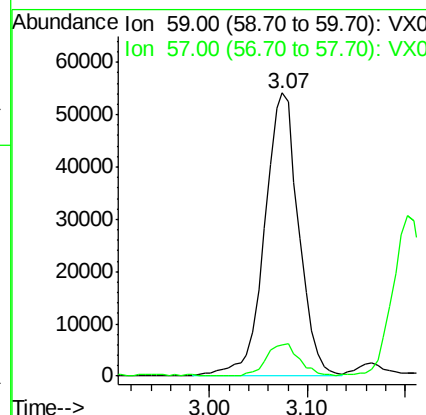
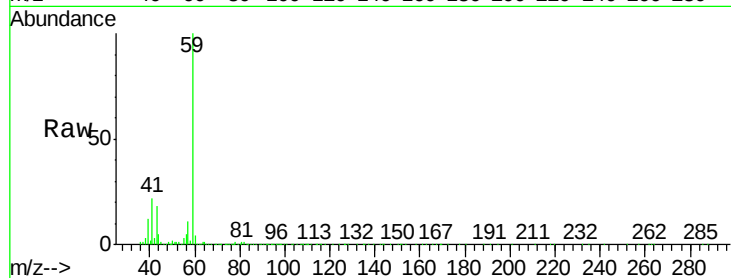
#11
Tert butyl alcohol
Concen: 107.574 ug/l
RT: 3.07 min Scan# 315
Delta R.T. 0.00 min
Lab File: VX007072.D
Acq: 16 Jan 2019 13:27

Instrument :
MSVOA_X
ClientSampleId :
VX0116WBSD01

Tot Ion: 59 Resp: 131835
Ion Ratio Lower Upper
59 100
57 10.5 8.5 12.7

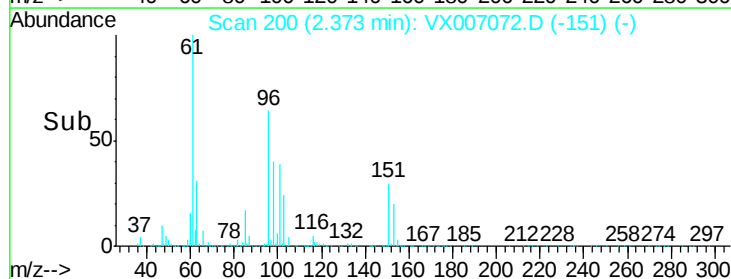
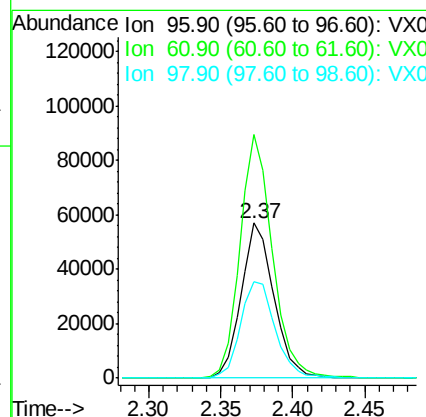
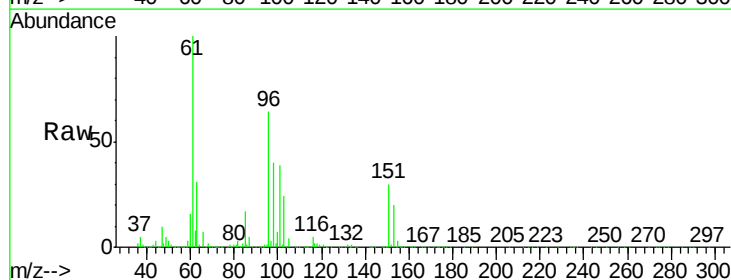
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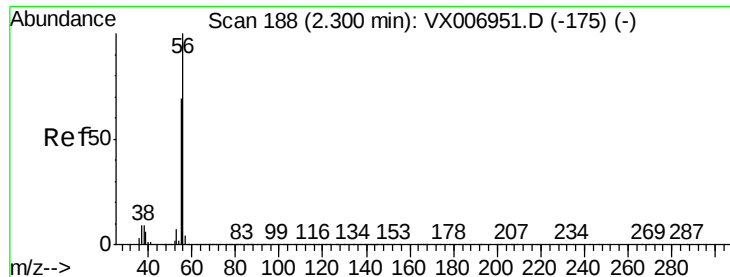
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#12
1,1-Dichloroethene
Concen: 19.606 ug/l
RT: 2.37 min Scan# 200
Delta R.T. 0.00 min
Lab File: VX007072.D
Acq: 16 Jan 2019 13:27

Tgt Ion: 96 Resp: 89578
Ion Ratio Lower Upper
96 100
61 157.4 121.4 182.2
98 62.1 51.9 77.9





#13

Acrolein

Concen: 133.170 ug/l

RT: 2.30 min Scan# 188

Delta R.T. 0.00 min

Lab File: VX007072.D

Acq: 16 Jan 2019 13:27

Instrument :

MSVOA_X

ClientSampleId :

VX0116WBSD01

Tot Ion: 56 Resp: 69616

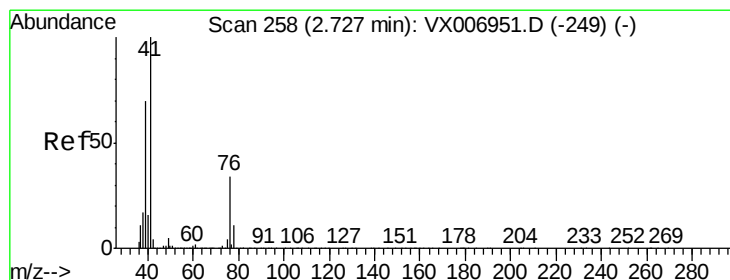
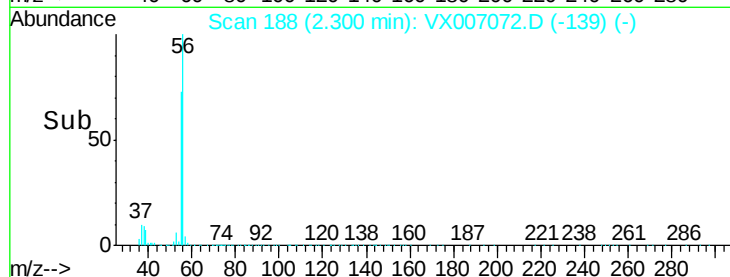
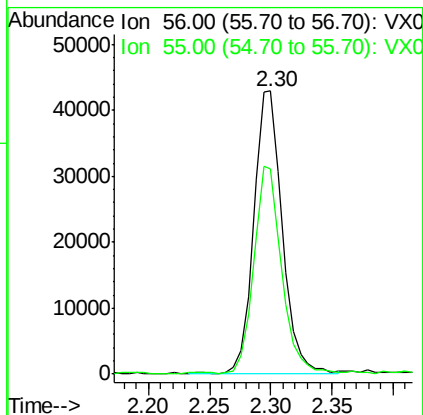
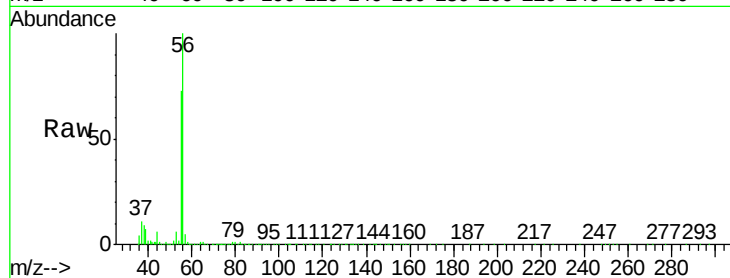
Ion Ratio Lower Upper

56 100

55 71.1 58.2 87.4

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#14

Allyl chloride

Concen: 20.105 ug/l

RT: 2.73 min Scan# 258

Delta R.T. 0.00 min

Lab File: VX007072.D

Acq: 16 Jan 2019 13:27

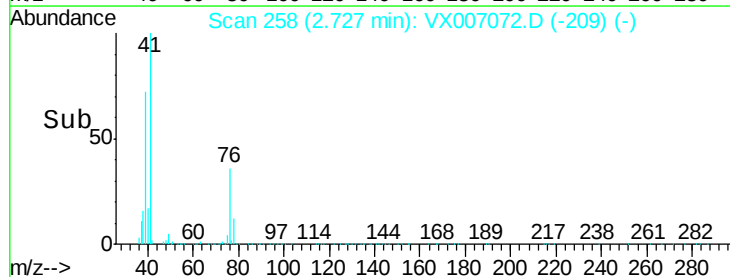
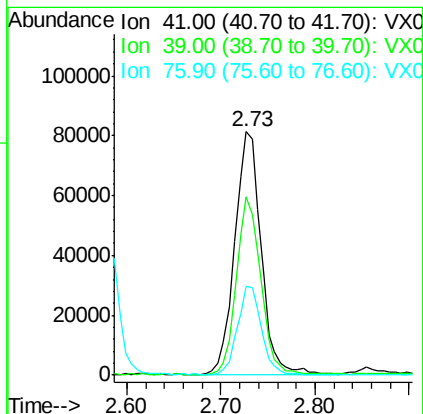
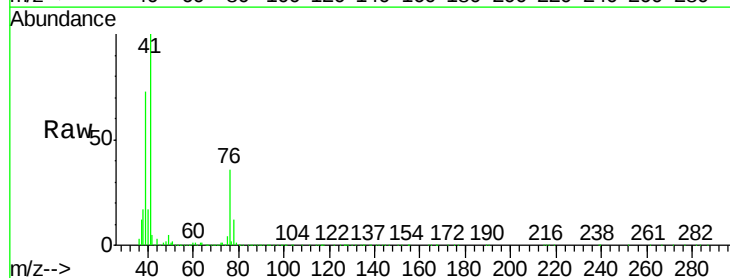
Tgt Ion: 41 Resp: 157428

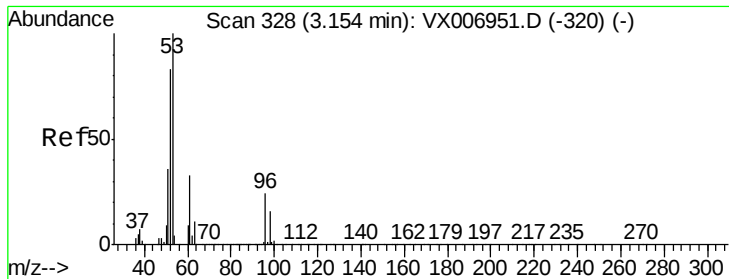
Ion Ratio Lower Upper

41 100

39 67.7 53.6 80.4

76 33.7 27.4 41.2





#15

Acrylonitrile

Concen: 105.787 ug/l

RT: 3.15 min Scan# 327

Delta R.T. -0.01 min

Lab File: VX007072.D

Acq: 16 Jan 2019 13:27

Instrument :

MSVOA_X

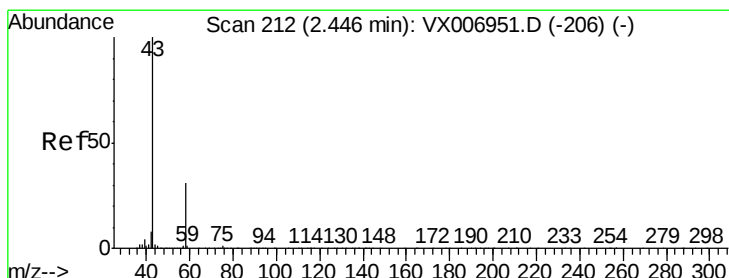
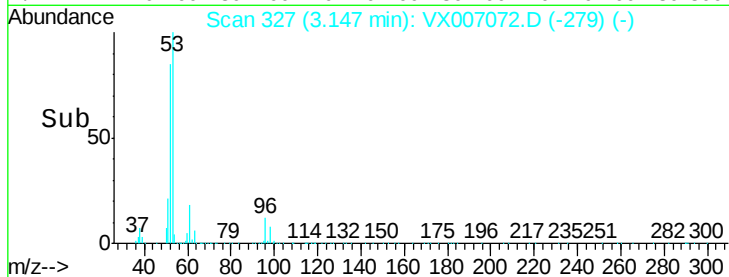
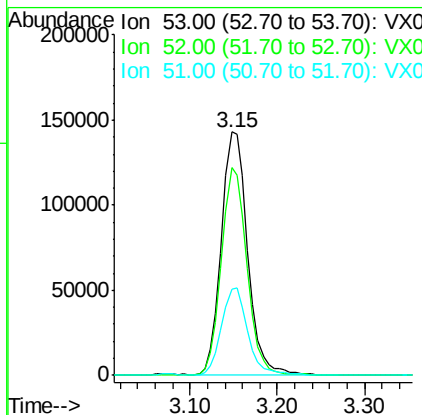
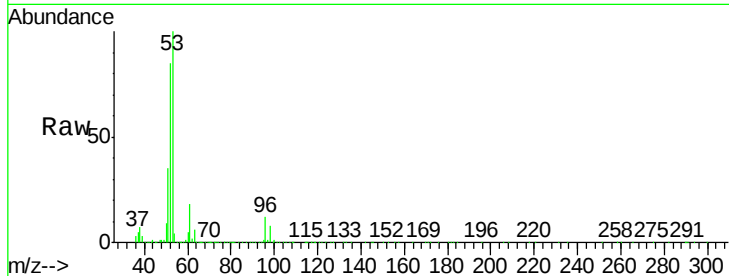
ClientSampleId :

VX0116WBSD01

Tot Ion:	53	Resp:	297619
Ion Ratio		Lower	Upper
53	100		
52	82.8	66.0	99.0
51	35.7	28.6	42.8

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#16

Acetone

Concen: 107.208 ug/l

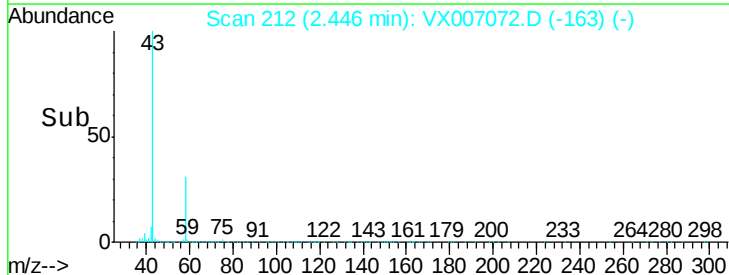
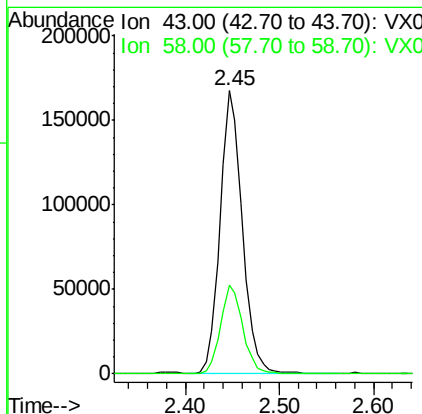
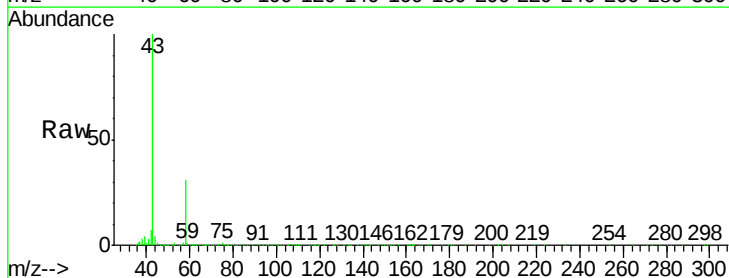
RT: 2.45 min Scan# 212

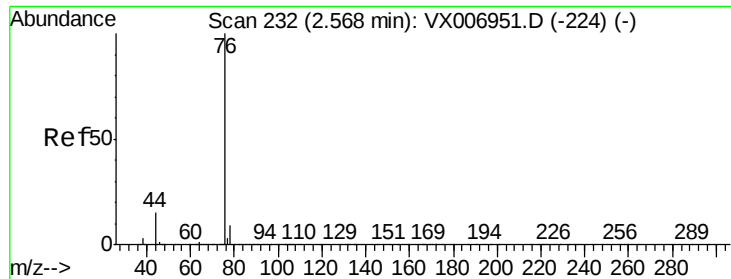
Delta R.T. 0.00 min

Lab File: VX007072.D

Acq: 16 Jan 2019 13:27

Tgt Ion:	43	Resp:	275351
Ion Ratio		Lower	Upper
43	100		
58	31.3	25.0	37.6





#17

Carbon Disulfide

Concen: 17.256 ug/l

RT: 2.57 min Scan# 232

Delta R.T. 0.00 min

Lab File: VX007072.D

Acq: 16 Jan 2019 13:27

Instrument :

MSVOA_X

ClientSampleId :

VX0116WBSD01

Tot Ion: 76 Resp: 202978

Ion Ratio Lower Upper

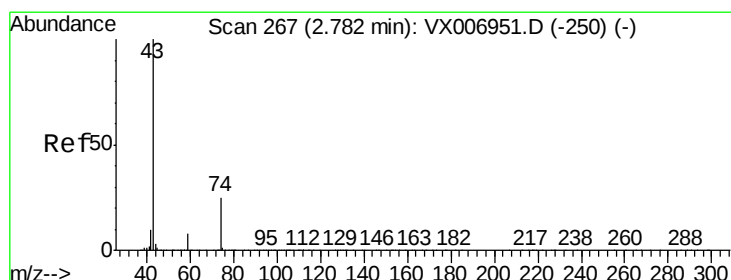
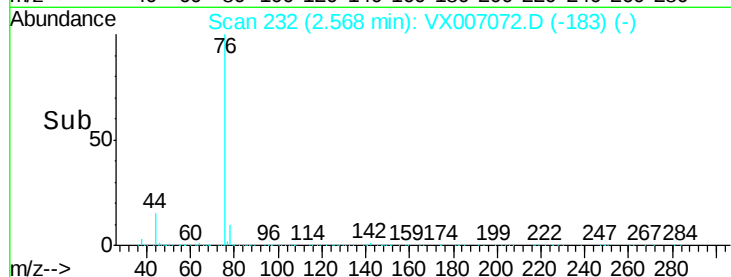
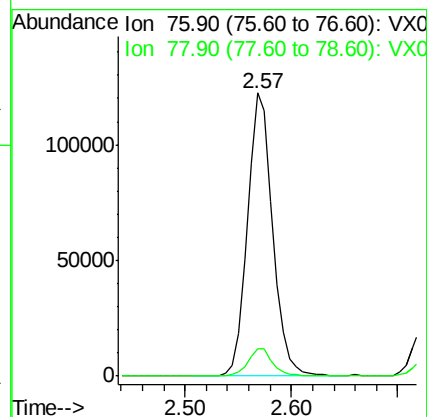
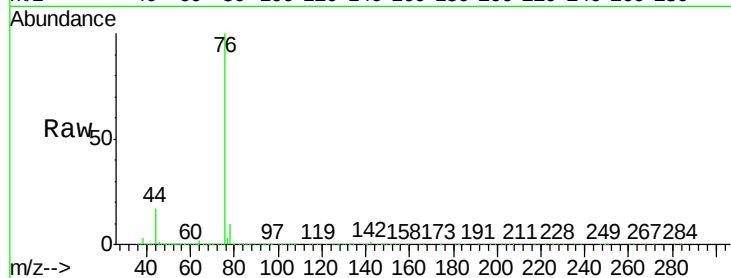
76 100

78 9.5 7.0 10.6

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#18

Methyl Acetate

Concen: 21.953 ug/l

RT: 2.78 min Scan# 267

Delta R.T. 0.00 min

Lab File: VX007072.D

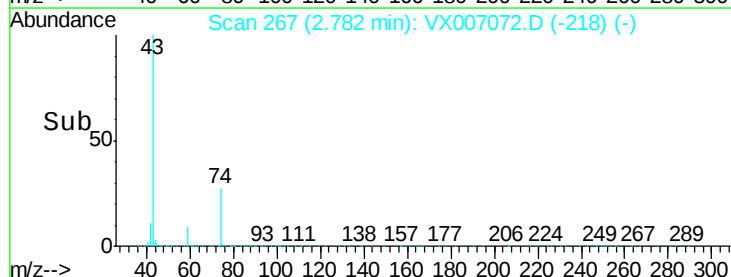
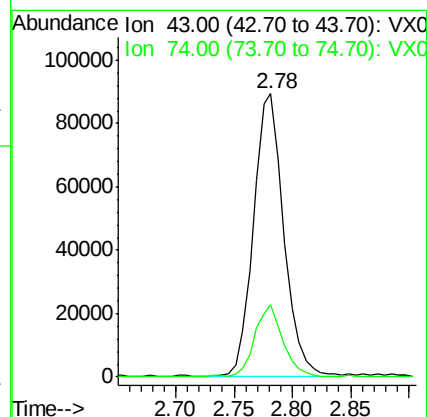
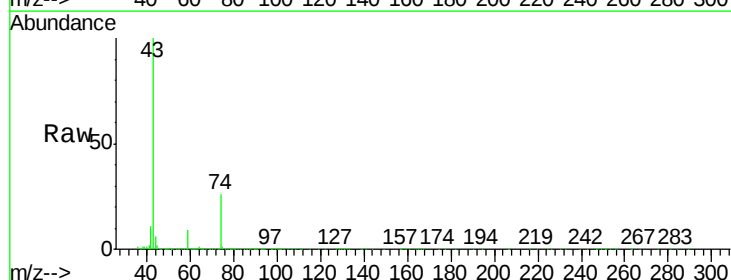
Acq: 16 Jan 2019 13:27

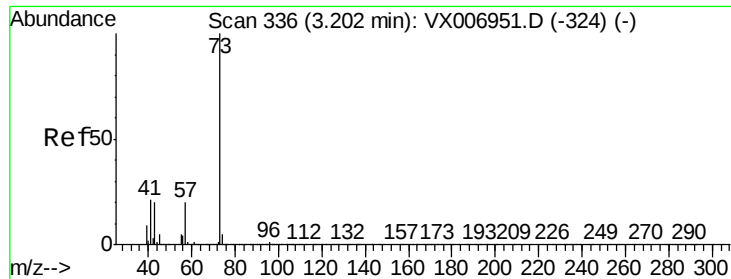
Tgt Ion: 43 Resp: 163283

Ion Ratio Lower Upper

43 100

74 24.0 18.6 28.0





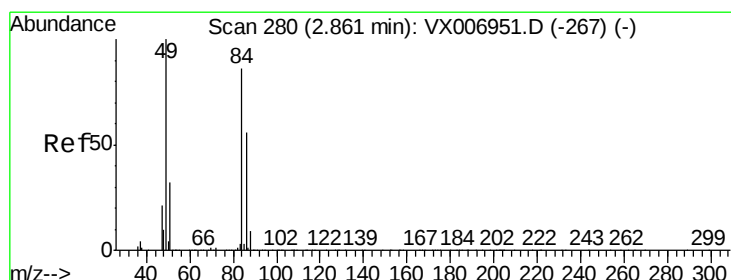
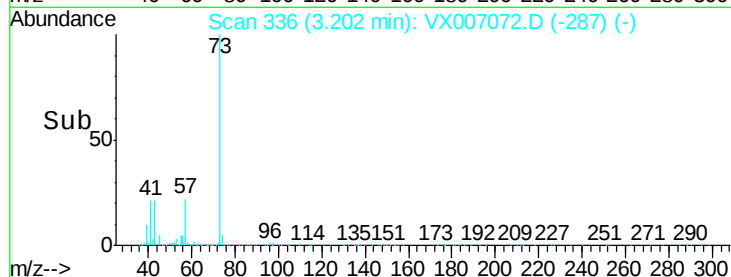
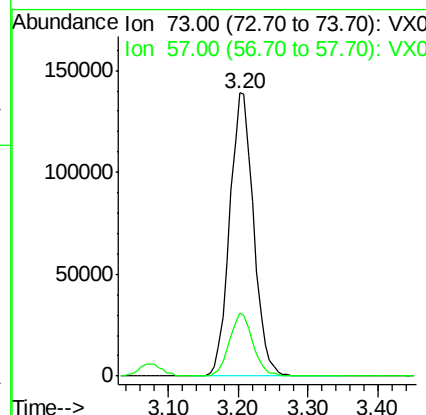
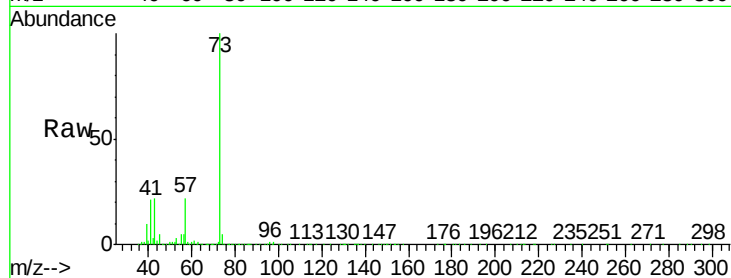
#19
Methvl tert-butvl Ether
Concen: 20.757 ug/l
RT: 3.20 min Scan# 336
Delta R.T. 0.00 min
Lab File: VX007072.D
Acq: 16 Jan 2019 13:27

Instrument :
MSVOA_X
ClientSampleId :
VX0116WBSD01

Tot Ion	Ratio	Lower	Upper
73	100		
57	22.0	16.8	25.2

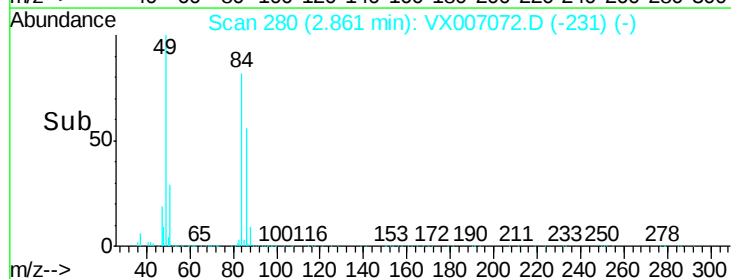
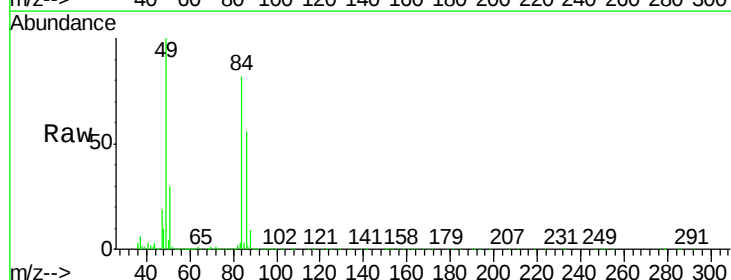
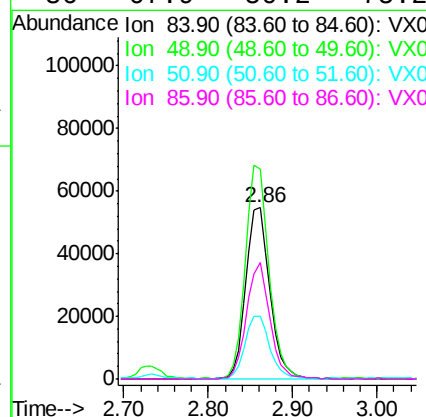
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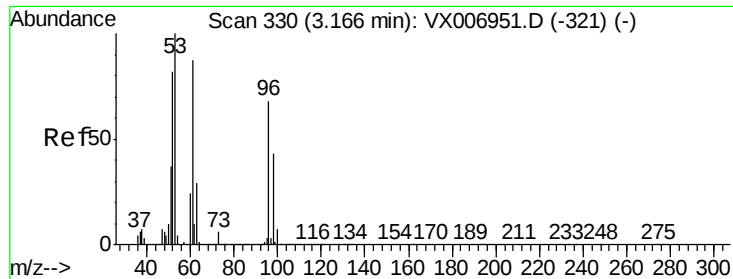
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#20
Methylene Chloride
Concen: 21.122 ug/l
RT: 2.86 min Scan# 280
Delta R.T. 0.00 min
Lab File: VX007072.D
Acq: 16 Jan 2019 13:27

Tgt Ion	Ratio	Lower	Upper
84	100		
49	122.0	91.8	137.6
51	36.1	28.5	42.7
86	67.9	50.2	75.2





#21

trans-1,2-Dichloroethene

Concen: 19.139 ug/l

RT: 3.17 min Scan# 330

Delta R.T. 0.00 min

Lab File: VX007072.D

Acq: 16 Jan 2019 13:27

Instrument :

MSVOA_X

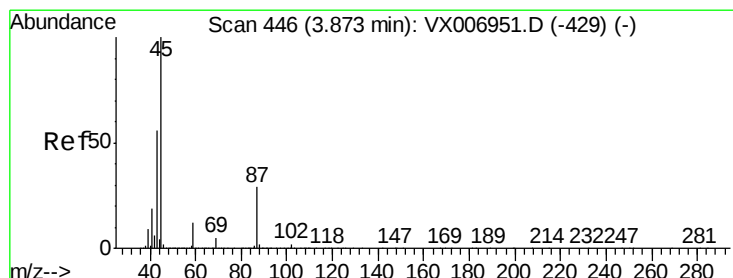
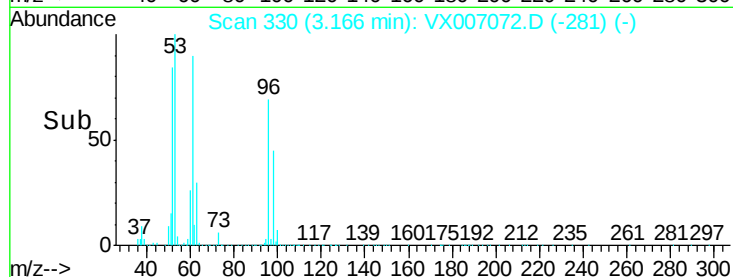
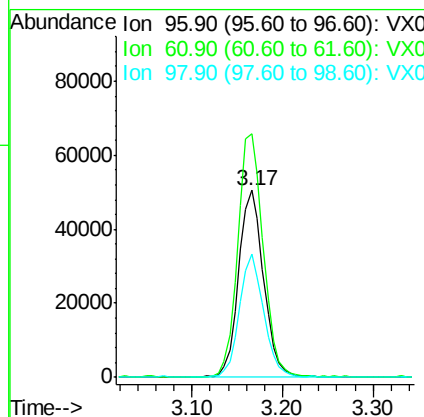
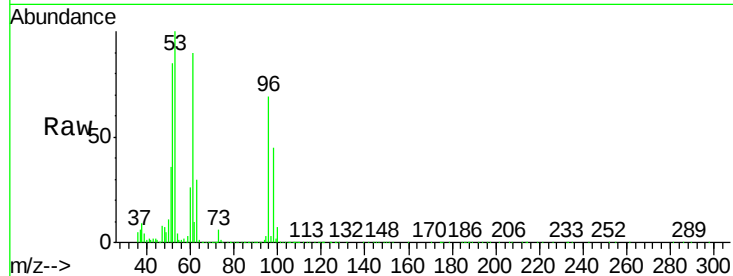
ClientSampleId :

VX0116WBSD01

Tot Ion:	96	Resp:	97448
Ion	Ratio	Lower	Upper
96	100		
61	129.9	103.7	155.5
98	65.7	51.0	76.6

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#22

Diisopropyl ether

Concen: 20.550 ug/l

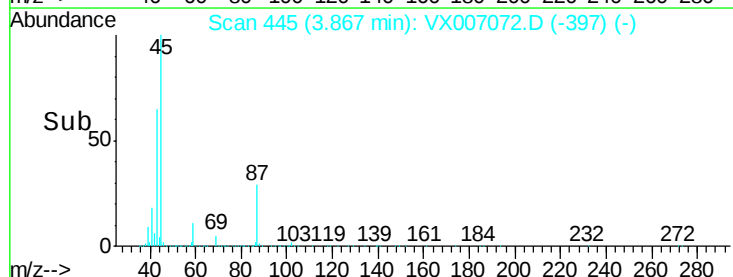
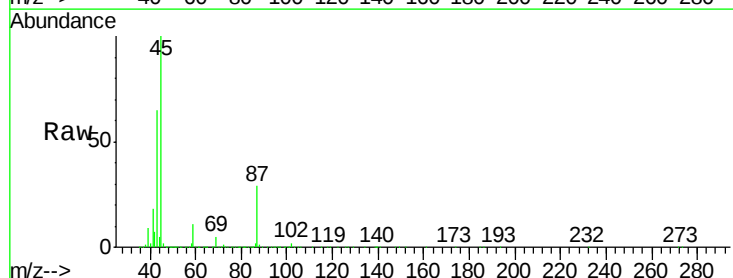
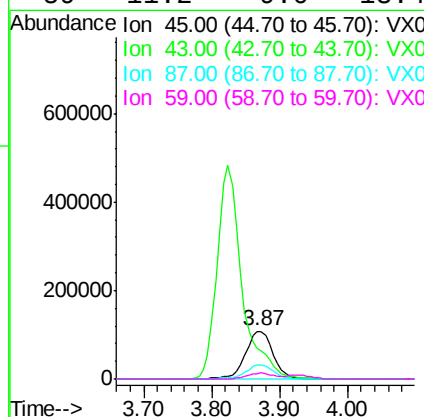
RT: 3.87 min Scan# 445

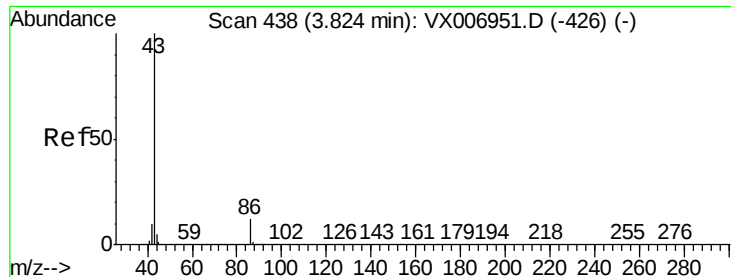
Delta R.T. -0.01 min

Lab File: VX007072.D

Acq: 16 Jan 2019 13:27

Tgt Ion:	45	Resp:	302504
Ion	Ratio	Lower	Upper
45	100		
43	64.6	51.2	76.8
87	29.2	25.8	38.6
59	11.2	9.0	13.4





#23

Vinyl Acetate

Concen: 99.752 ug/l

RT: 3.82 min Scan# 438

Delta R.T. 0.00 min

Lab File: VX007072.D

Acq: 16 Jan 2019 13:27

Instrument :

MSVOA_X

ClientSampleId :

VX0116WBSD01

Tot Ion: 43 Resp: 1238348

Ion Ratio Lower Upper

43 100

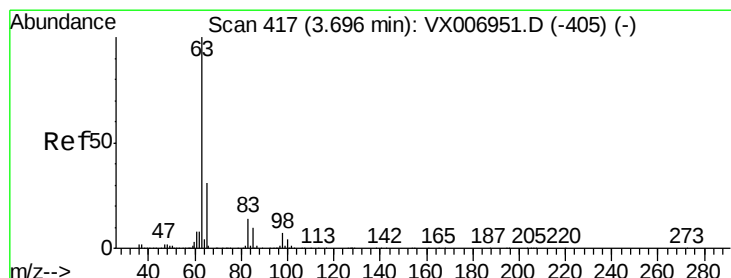
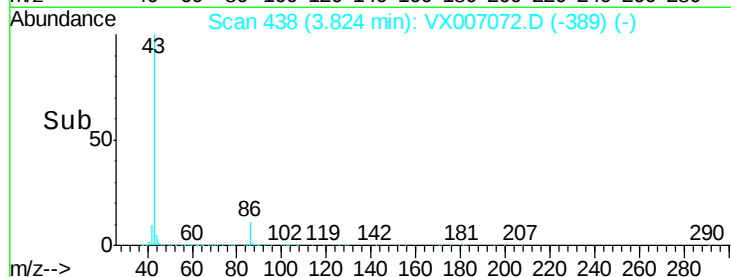
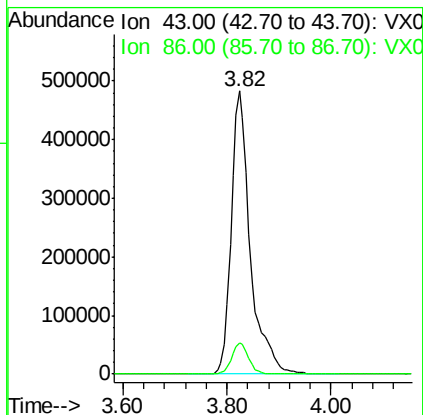
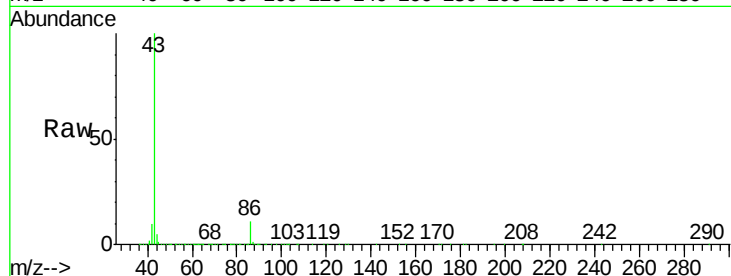
86 11.2 9.2 13.8

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#24

1,1-Dichloroethane

Concen: 20.451 ug/l

RT: 3.70 min Scan# 417

Delta R.T. 0.00 min

Lab File: VX007072.D

Acq: 16 Jan 2019 13:27

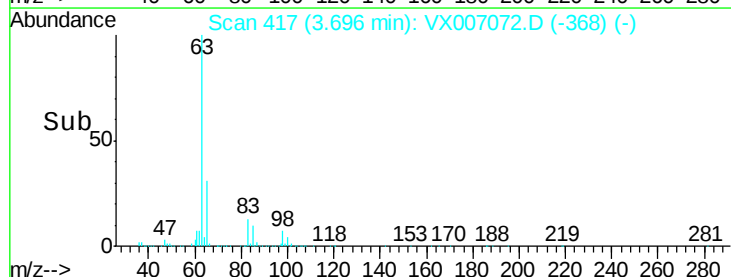
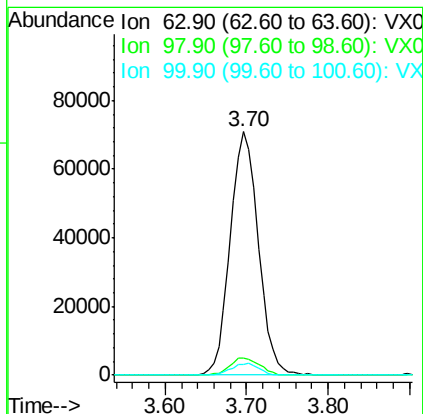
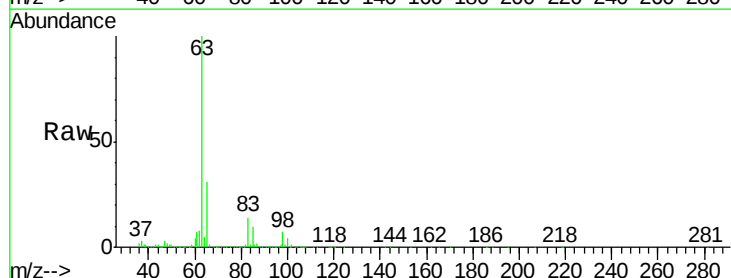
Tgt Ion: 63 Resp: 168342

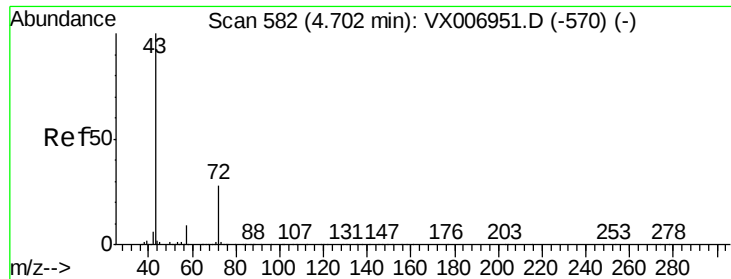
Ion Ratio Lower Upper

63 100

98 7.2 3.9 11.5

100 4.3 2.4 7.2





#25

2-Butanone

Concen: 106.099 ug/l

RT: 4.70 min Scan# 582

Delta R.T. 0.00 min

Lab File: VX007072.D

Acq: 16 Jan 2019 13:27

Instrument :

MSVOA_X

ClientSampleId :

VX0116WBSD01

Tot Ion: 43 Resp: 389911

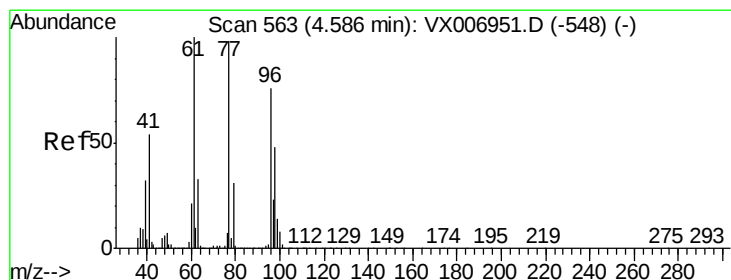
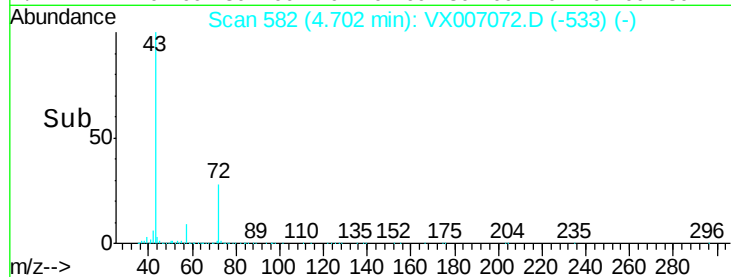
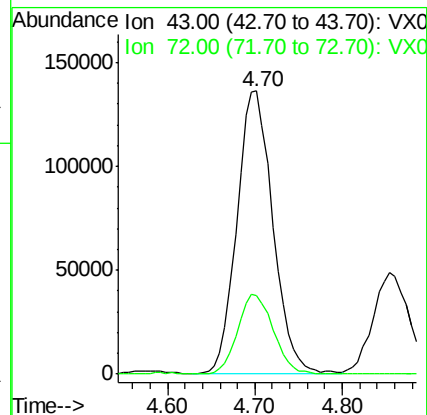
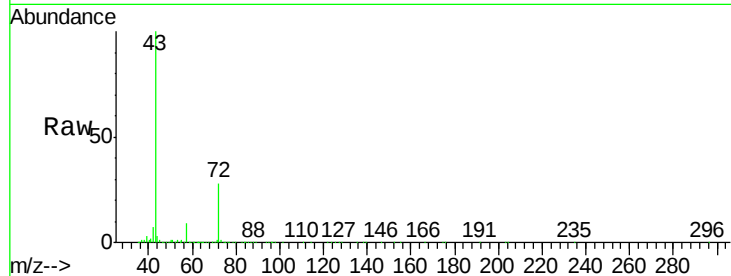
Ion Ratio Lower Upper

43 100

72 27.7 22.4 33.6

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#26

2,2-Dichloropropane

Concen: 18.681 ug/l

RT: 4.58 min Scan# 562

Delta R.T. -0.01 min

Lab File: VX007072.D

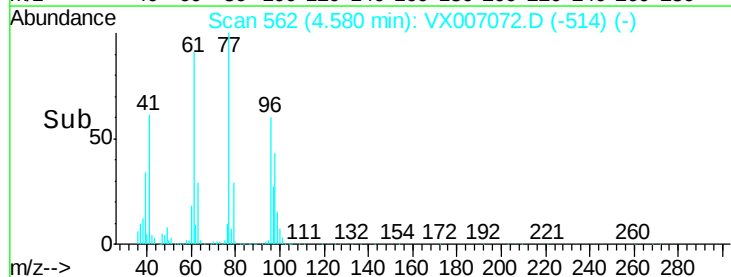
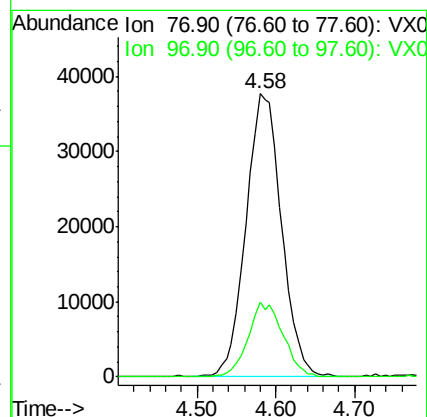
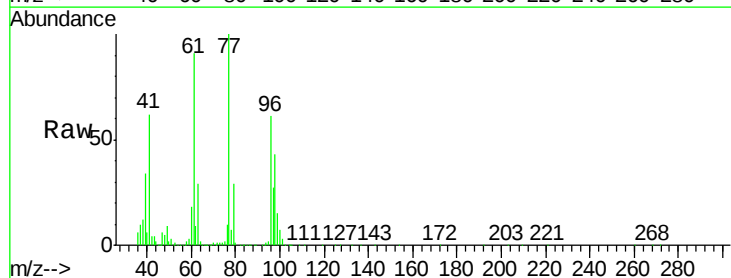
Acq: 16 Jan 2019 13:27

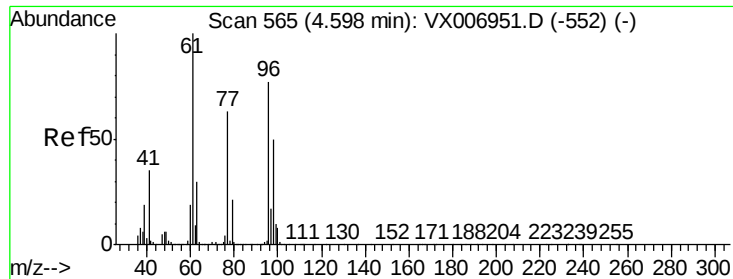
Tgt Ion: 77 Resp: 118243

Ion Ratio Lower Upper

77 100

97 25.9 12.4 37.4





#27

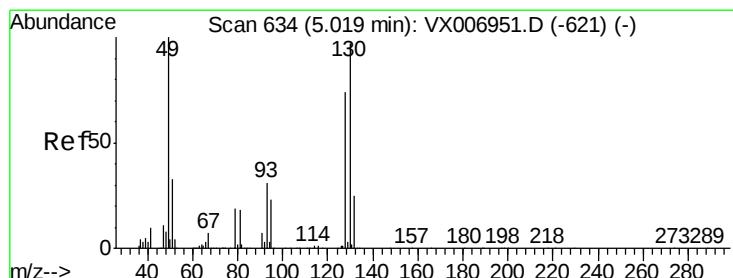
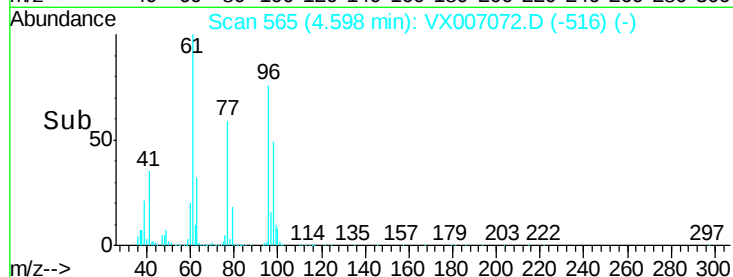
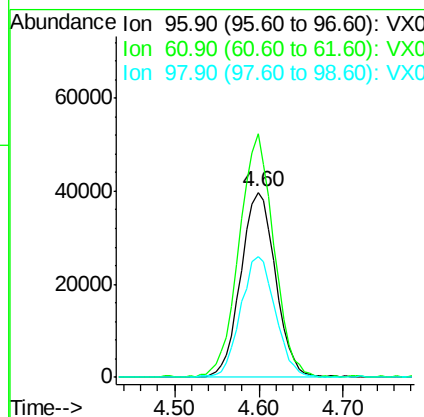
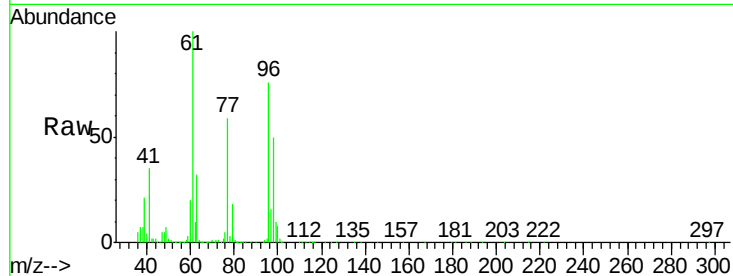
cis-1,2-Dichloroethene
Concen: 19.764 ug/l
RT: 4.60 min Scan# 565
Delta R.T. 0.00 min
Lab File: VX007072.D
Acq: 16 Jan 2019 13:27

Instrument :
MSVOA_X
ClientSampleId :
VX0116WBSD01

Tot Ion	Ratio	Lower	Upper
96	100		
61	130.3	0.0	258.6
98	65.1	0.0	132.0

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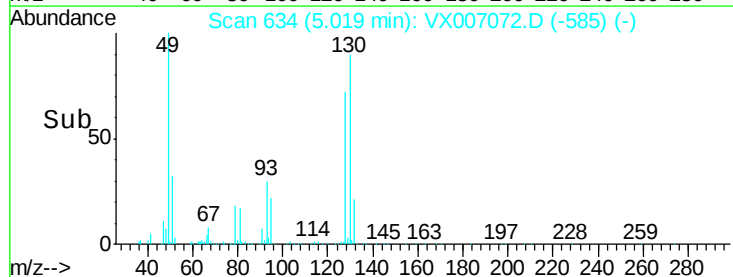
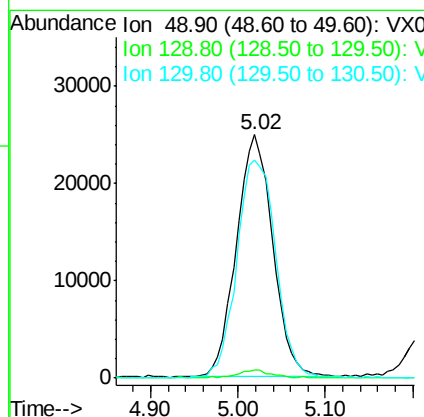
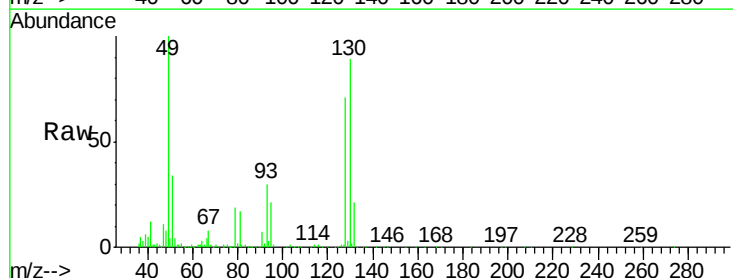
MMDadoda
1/17/2019 9:09:51 AM

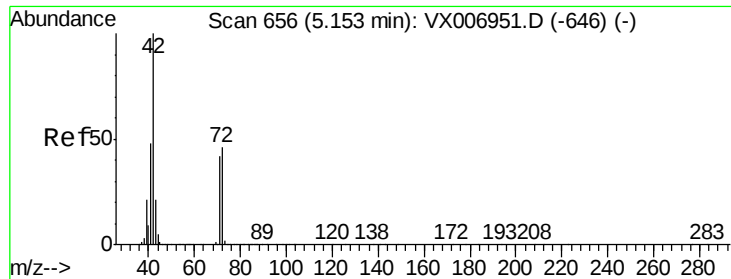


#28

Bromochloromethane
Concen: 19.981 ug/l
RT: 5.02 min Scan# 634
Delta R.T. 0.00 min
Lab File: VX007072.D
Acq: 16 Jan 2019 13:27

Tgt Ion	Ratio	Lower	Upper
49	100		
129	3.2	0.0	5.4
130	96.8	77.7	116.5





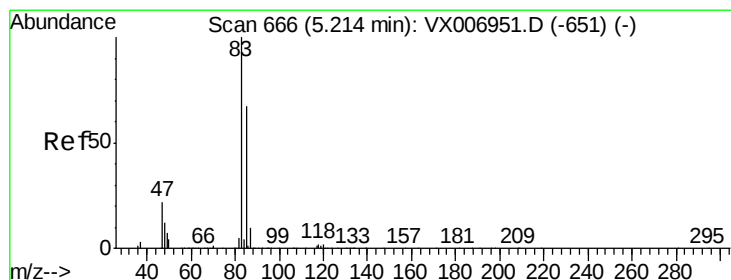
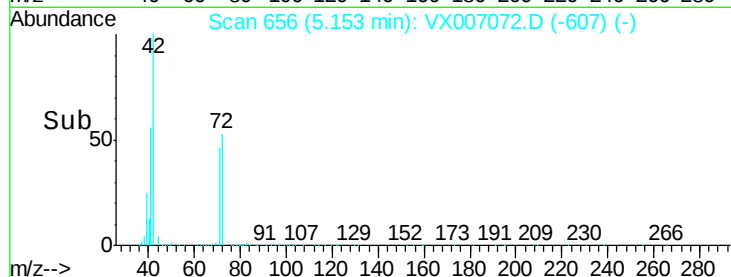
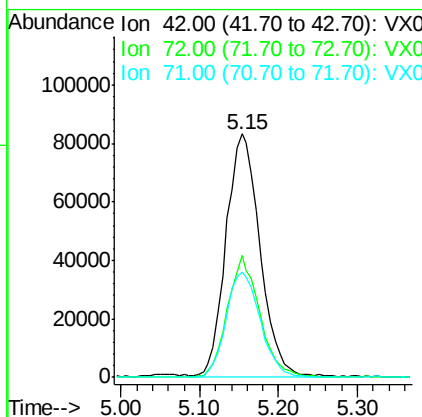
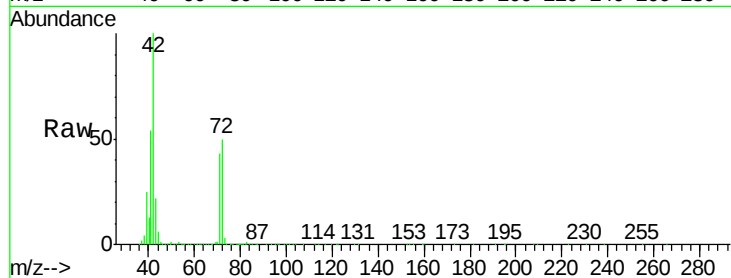
#29
Tetrahydrofuran
Concen: 104.082 ug/l
RT: 5.15 min Scan# 656
Delta R.T. 0.00 min
Lab File: VX007072.D
Acq: 16 Jan 2019 13:27

Instrument :
MSVOA_X
ClientSampleId :
VX0116WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
42	100	248578		
72	47.7		38.9	58.3
71	43.7		36.2	54.4

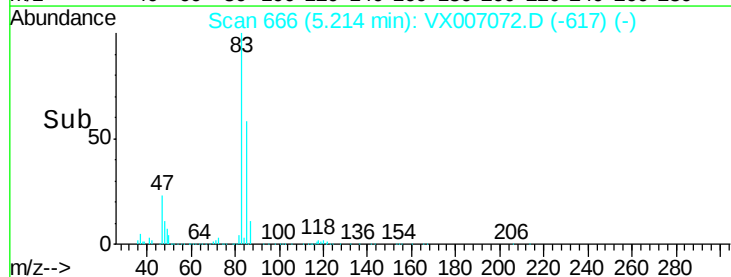
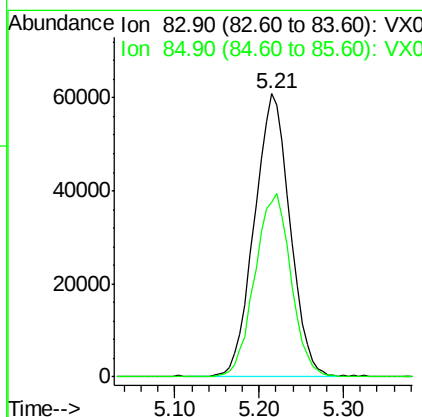
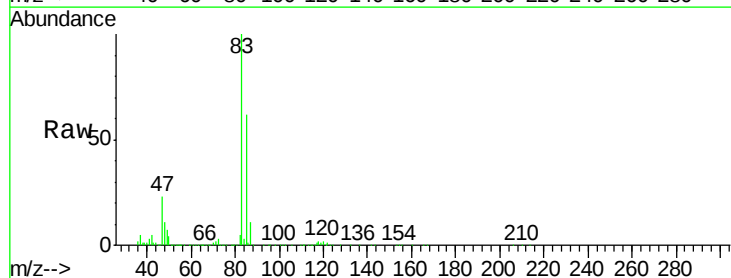
Manual Integrations
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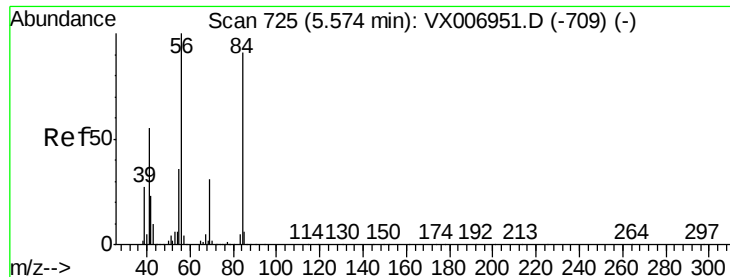
MMDadoda
1/17/2019 9:09:51 AM



#30
Chloroform
Concen: 20.474 ug/l
RT: 5.21 min Scan# 666
Delta R.T. 0.00 min
Lab File: VX007072.D
Acq: 16 Jan 2019 13:27

Tgt Ion	Ratio	Resp	Lower	Upper
83	100	176449		
85	61.6		51.2	76.8





#31

Cyclohexane

Concen: 19.247 ug/l

RT: 5.57 min Scan# 725

Delta R.T. 0.00 min

Lab File: VX007072.D

Acq: 16 Jan 2019 13:27

Instrument :

MSVOA_X

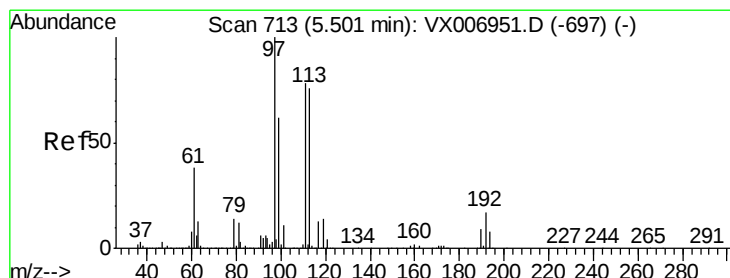
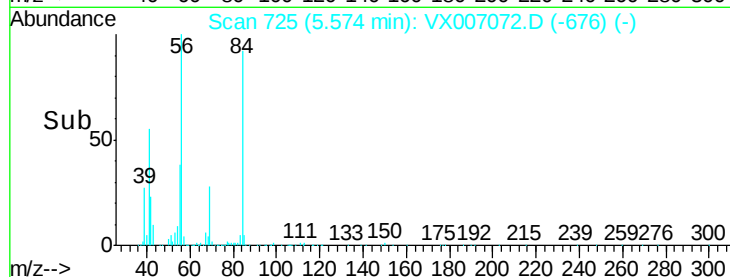
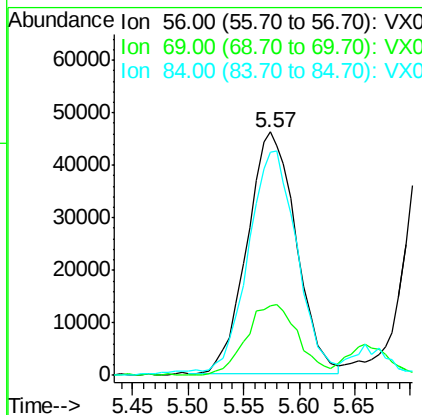
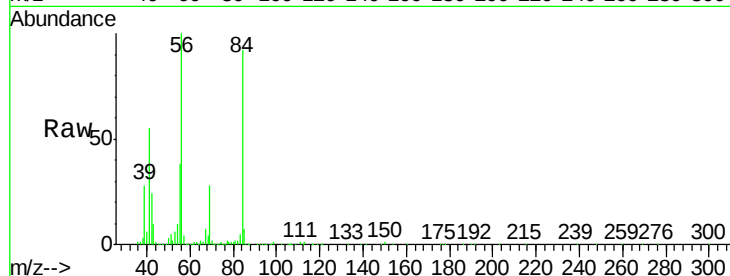
ClientSampleId :

VX0116WBSD01

Tot Ion:	56	Resp:	141007
Ion Ratio		Lower	Upper
56	100		
69	28.3	24.4	36.6
84	90.4	70.0	105.0

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 19.947 ug/l

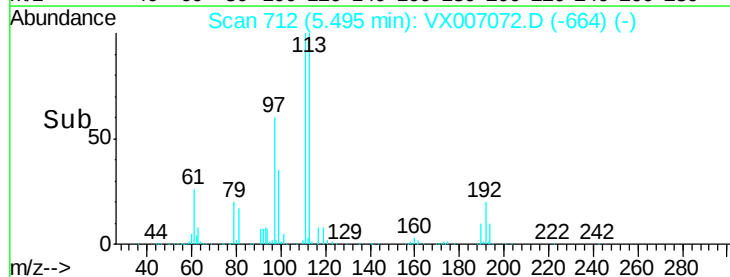
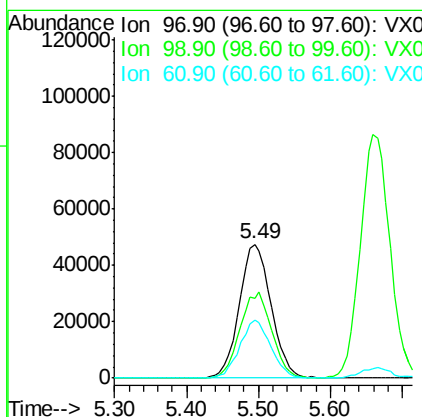
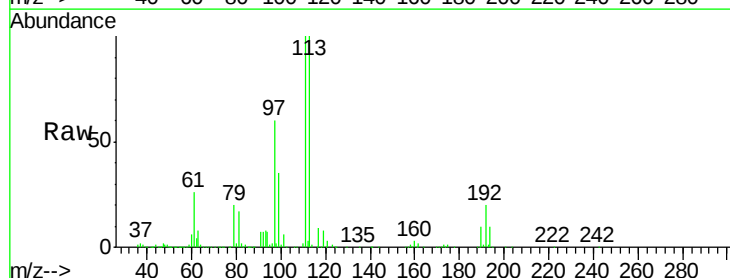
RT: 5.49 min Scan# 712

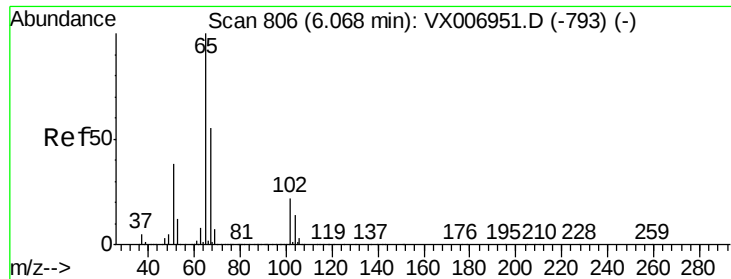
Delta R.T. -0.01 min

Lab File: VX007072.D

Acq: 16 Jan 2019 13:27

Tgt Ion:	97	Resp:	145711
Ion Ratio		Lower	Upper
97	100		
99	64.3	51.7	77.5
61	42.3	31.3	46.9





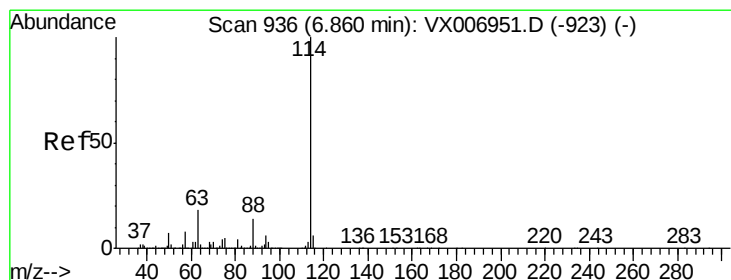
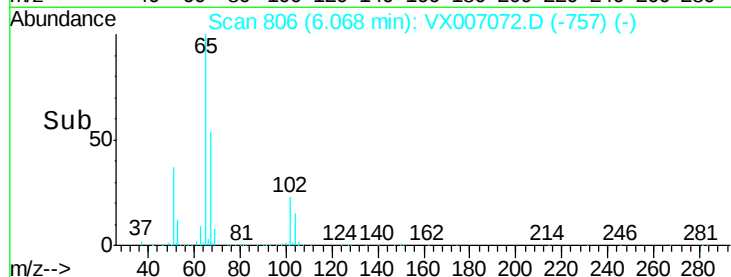
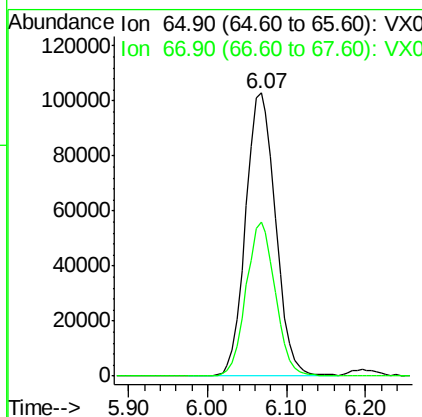
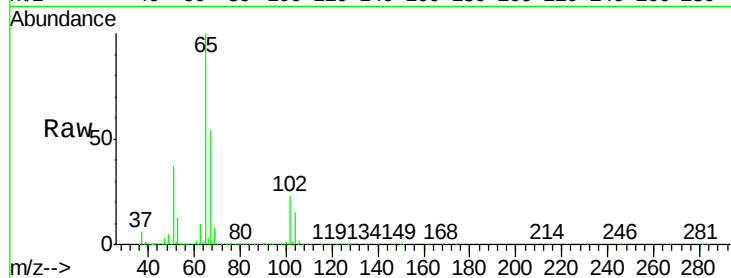
#33
 1,2-Dichloroethane-d4
 Concen: 52.393 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. 0.00 min
 Lab File: VX007072.D
 Acq: 16 Jan 2019 13:27

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0116WBSD01

Tot Ion	Ratio	Lower	Upper
65	100		
67	52.8	0.0	105.0

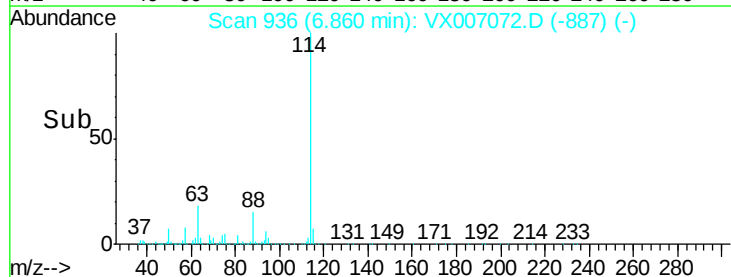
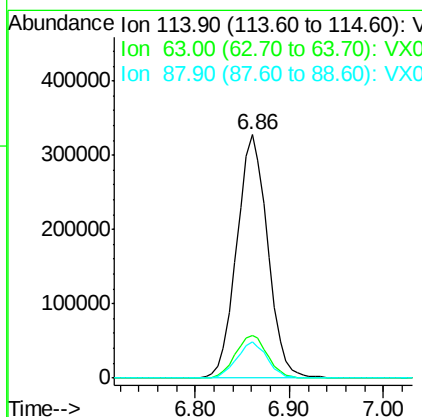
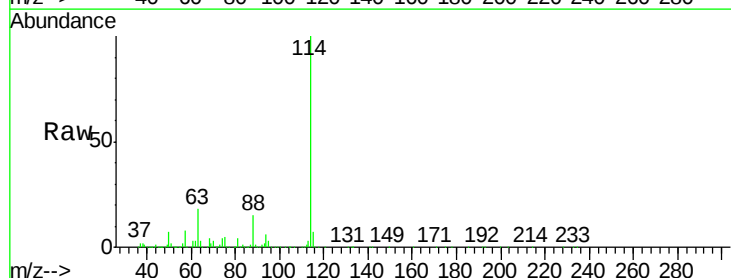
Manual Integrations
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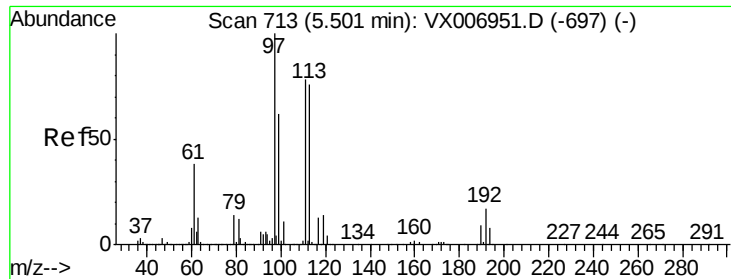
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX007072.D
 Acq: 16 Jan 2019 13:27

Tgt Ion	Ratio	Lower	Upper
114	100		
63	17.6	0.0	34.8
88	14.6	0.0	28.8





#35

Dibromofluoromethane

Concen: 50.377 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.00 min

Lab File: VX007072.D

Acq: 16 Jan 2019 13:27

Instrument :

MSVOA_X

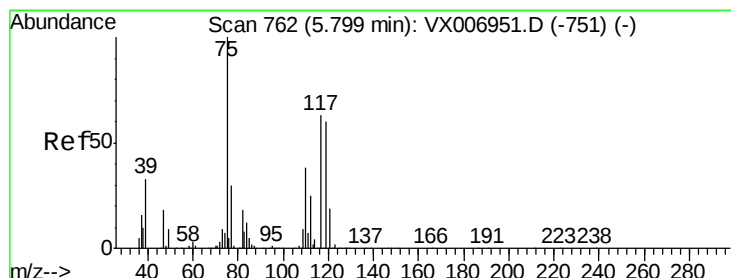
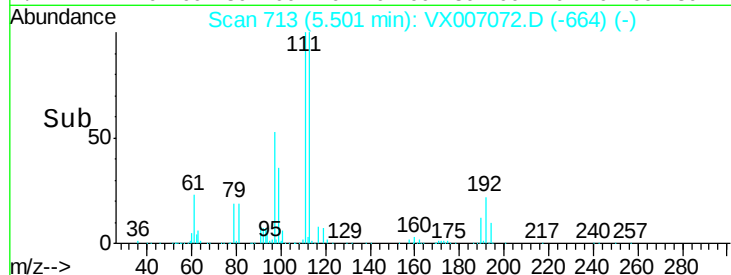
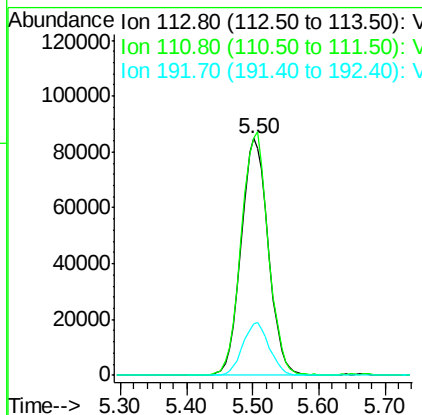
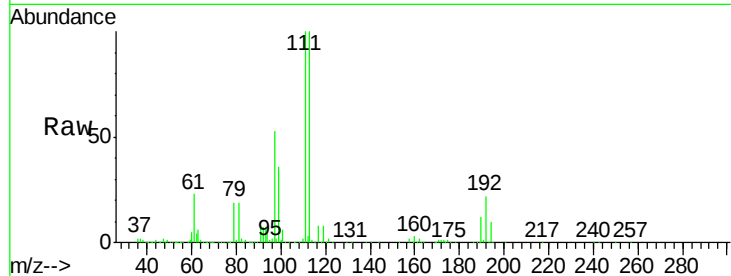
ClientSampleId :

VX0116WBSD01

Tot Ion:	113	Resp:	242354
Ion Ratio	Lower	Upper	
113	100		
111	102.4	81.6	122.4
192	21.8	16.7	25.1

Manual Integrations
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#36

1,1-Dichloropropene

Concen: 19.217 ug/l

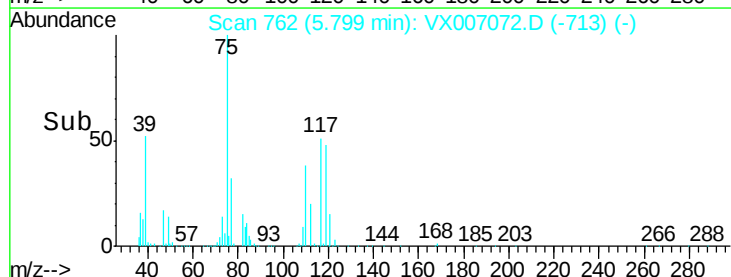
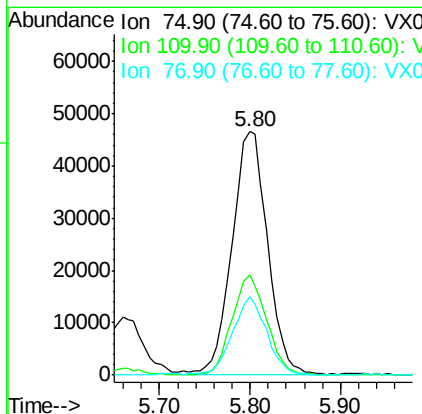
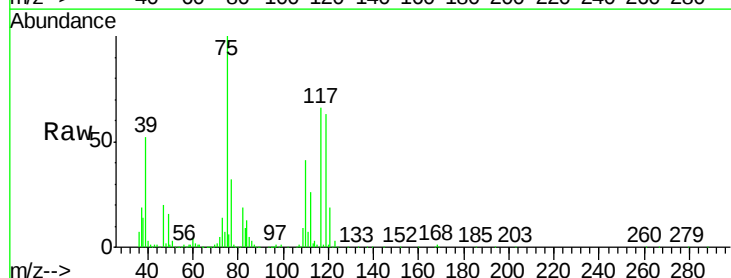
RT: 5.80 min Scan# 762

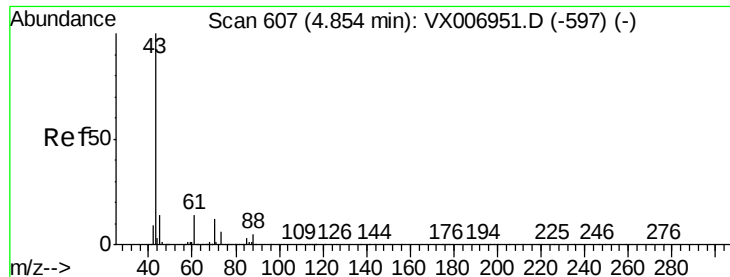
Delta R.T. 0.00 min

Lab File: VX007072.D

Acq: 16 Jan 2019 13:27

Tgt Ion:	75	Resp:	125508
Ion Ratio	Lower	Upper	
75	100		
110	40.7	20.2	60.5
77	30.9	24.8	37.2





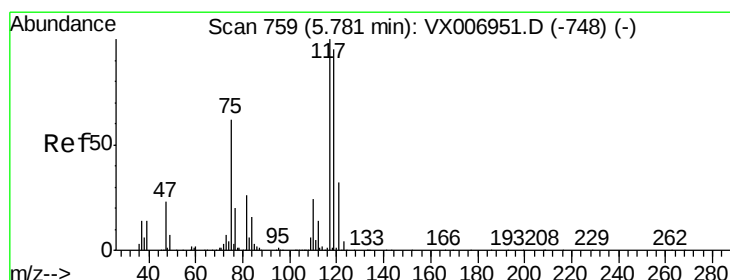
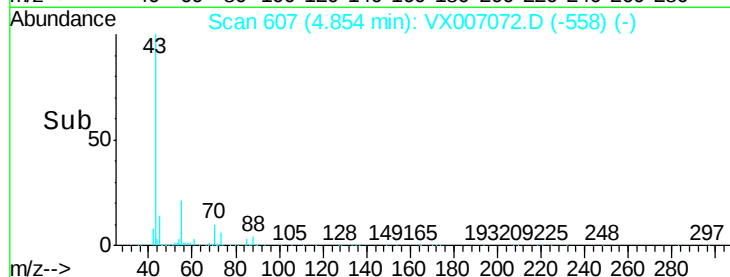
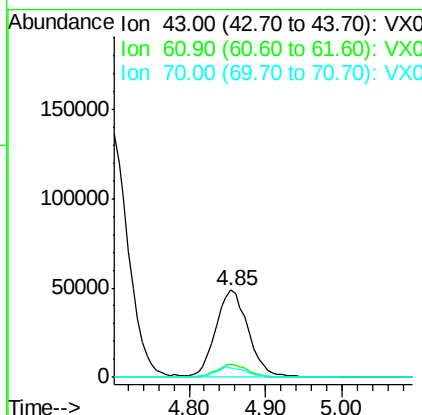
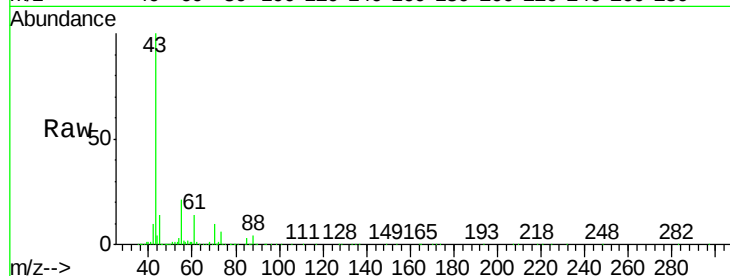
#37
Ethyl Acetate
Concen: 20.368 ug/l
RT: 4.85 min Scan# 607
Delta R.T. 0.00 min
Lab File: VX007072.D
Acq: 16 Jan 2019 13:27

Instrument :
MSVOA_X
ClientSampleId :
VX0116WBSD01

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.9	11.9	17.9
70	10.9	9.7	14.5

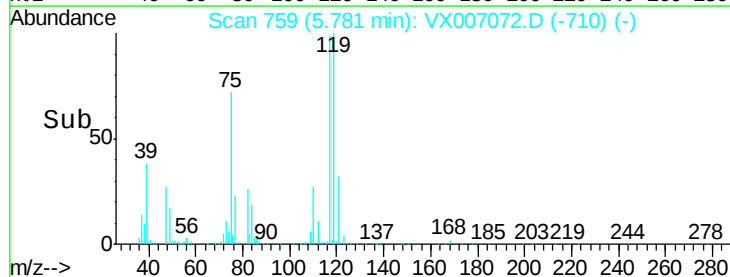
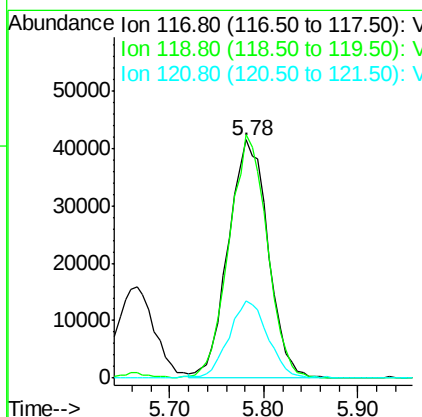
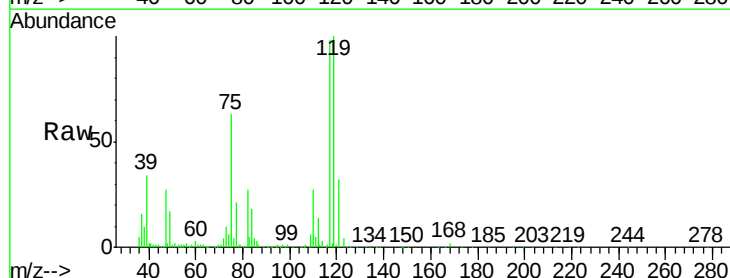
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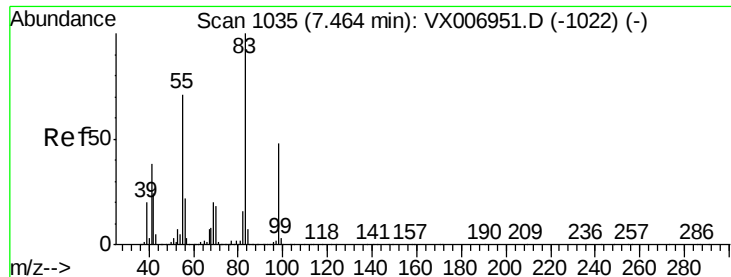
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#38
Carbon Tetrachloride
Concen: 18.534 ug/l
RT: 5.78 min Scan# 759
Delta R.T. 0.00 min
Lab File: VX007072.D
Acq: 16 Jan 2019 13:27

Tgt Ion	Ratio	Lower	Upper
117	100		
119	102.1	79.4	119.2
121	32.4	24.0	36.0





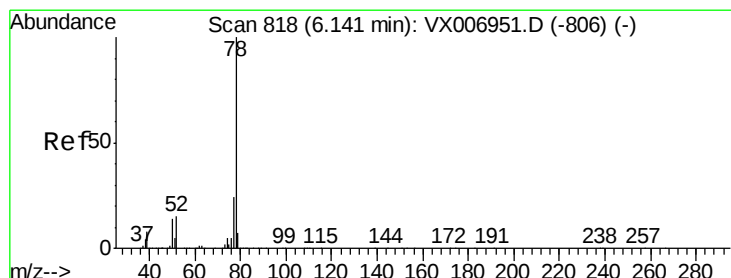
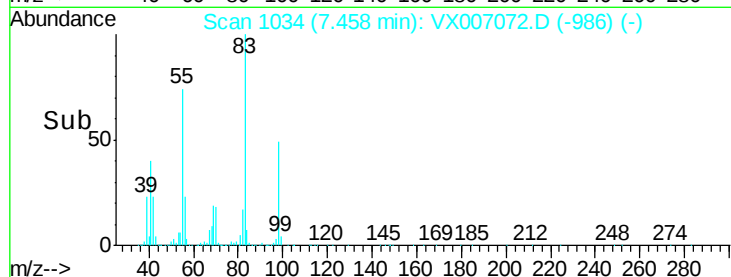
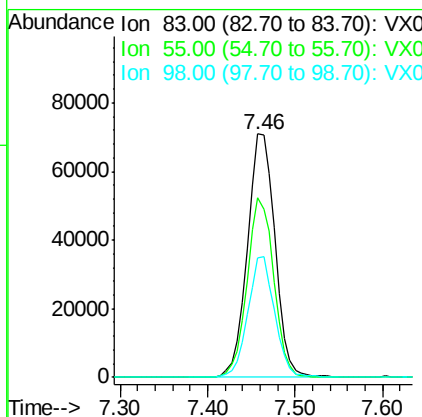
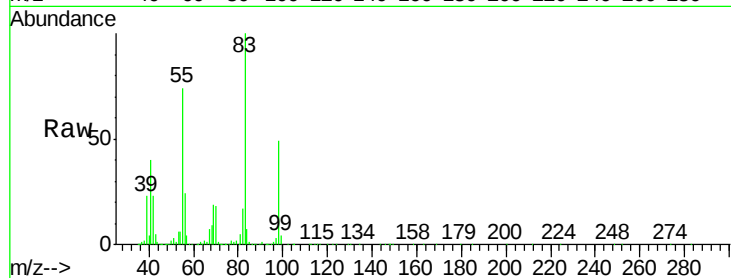
#39
Methvlcvclohexane
Concen: 18.667 ug/l
RT: 7.46 min Scan# 1034
Delta R.T. -0.01 min
Lab File: VX007072.D
Acq: 16 Jan 2019 13:27

Instrument :
MSVOA_X
ClientSampleId :
VX0116WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
83	100	155428		
55	73.7		54.9	82.3
98	49.3		37.9	56.9

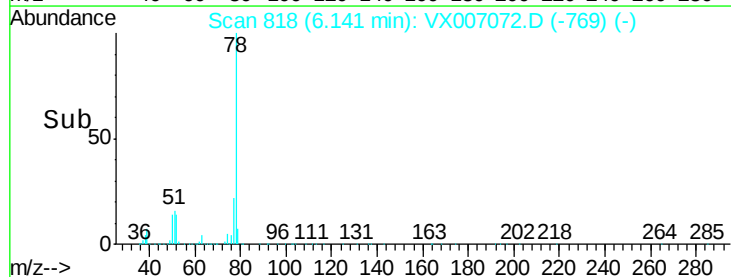
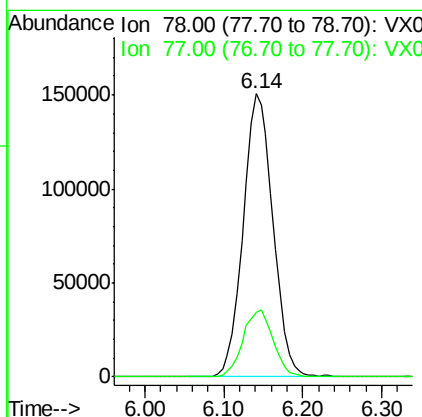
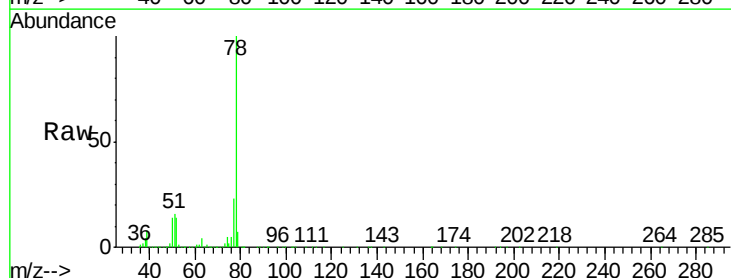
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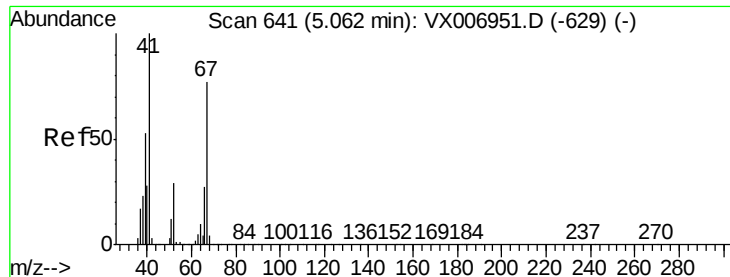
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#40
Benzene
Concen: 19.813 ug/l
RT: 6.14 min Scan# 818
Delta R.T. 0.00 min
Lab File: VX007072.D
Acq: 16 Jan 2019 13:27

Tgt Ion	Ratio	Resp	Lower	Upper
78	100	394857		
77	22.6		19.2	28.8





#41

Methacrylonitrile

Concen: 19.220 ug/l

RT: 5.06 min Scan# 641

Delta R.T. 0.00 min

Lab File: VX007072.D

Acq: 16 Jan 2019 13:27

Instrument :

MSVOA_X

ClientSampleId :

VX0116WBSD01

Tot Ion: 41 Resp: 77528

Ion Ratio Lower Upper

41 100

39 55.3 42.8 64.2

67 78.5 62.1 93.1

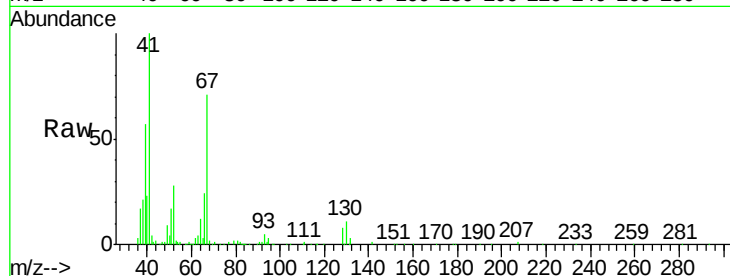
52 29.4 23.4 35.0

Manual Integrations

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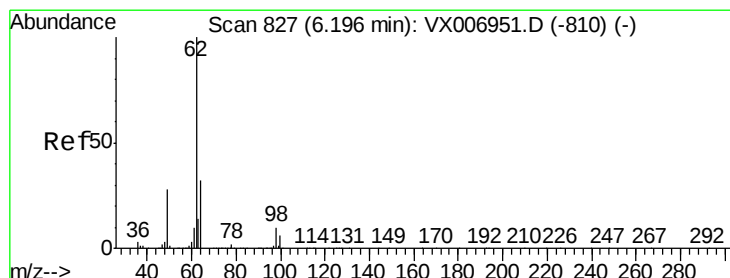
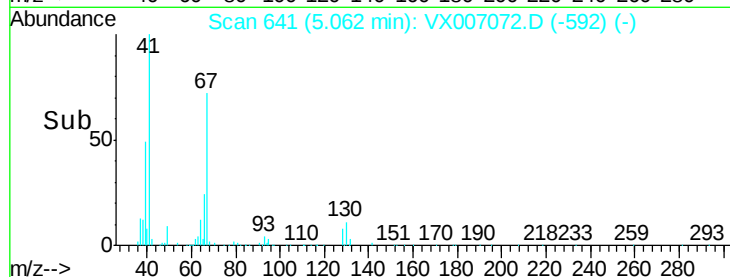
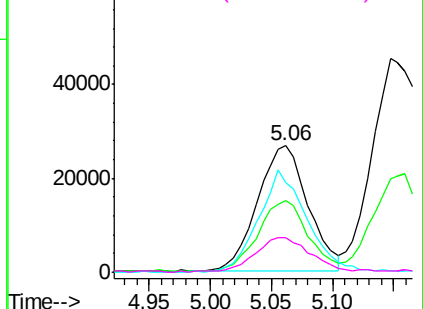


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#42

1,2-Dichloroethane

Concen: 19.754 ug/l

RT: 6.20 min Scan# 827

Delta R.T. 0.00 min

Lab File: VX007072.D

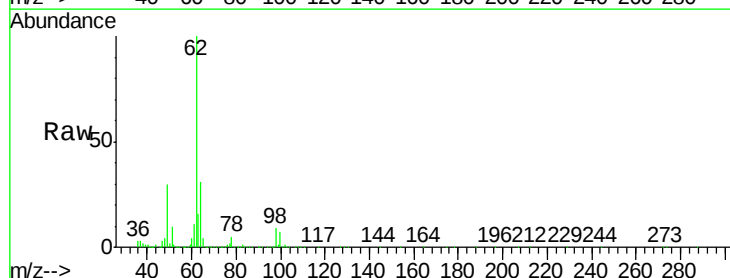
Acq: 16 Jan 2019 13:27

Tgt Ion: 62 Resp: 136040

Ion Ratio Lower Upper

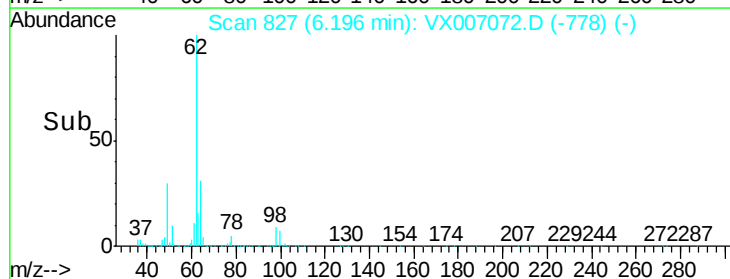
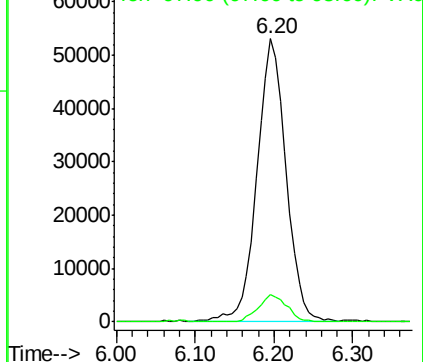
62 100

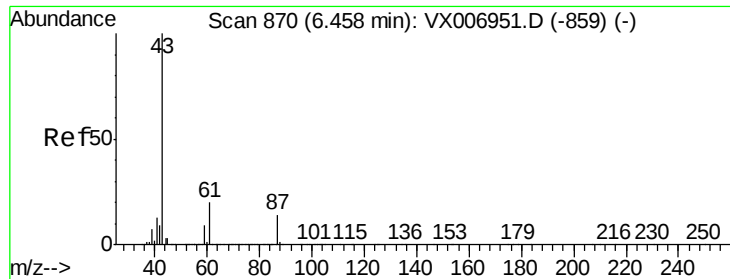
98 9.5 0.0 20.2



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

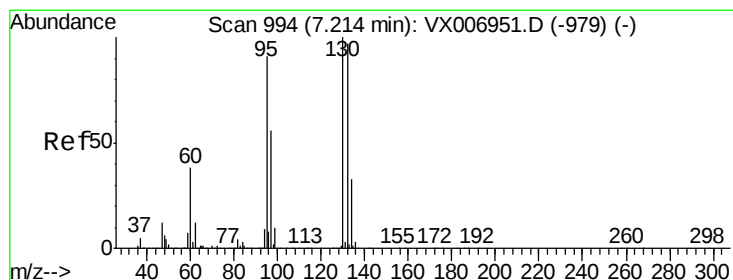
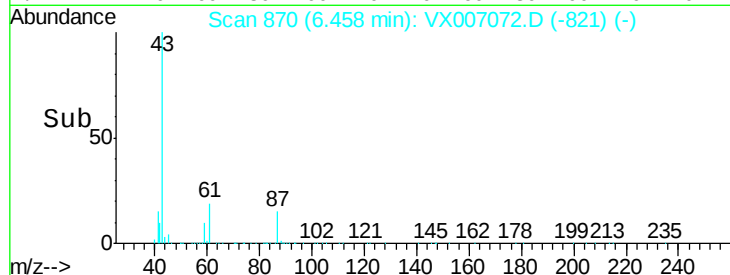
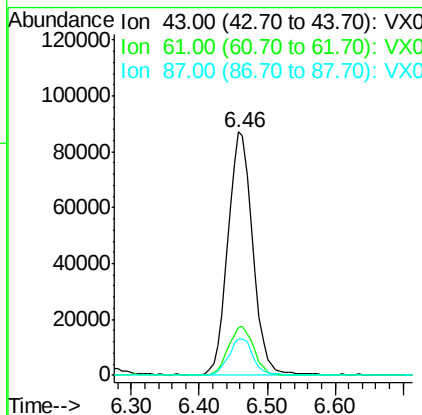
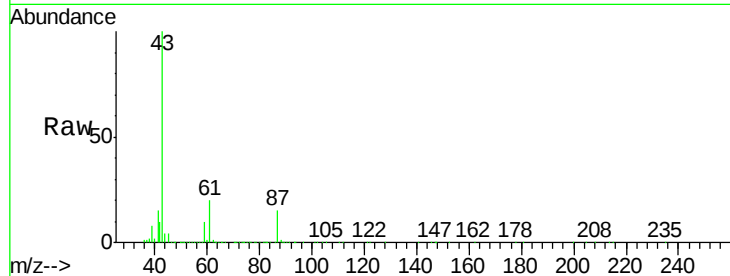
Isopropyl Acetate
 Concen: 19.772 ug/l
 RT: 6.46 min Scan# 870
 Delta R.T. 0.00 min
 Lab File: VX007072.D
 Acq: 16 Jan 2019 13:27

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0116WBSD01

Tot Ion	Ratio	Lower	Upper
43	100		
61	20.8	16.8	25.2
87	15.2	12.4	18.6

Manual Integrations
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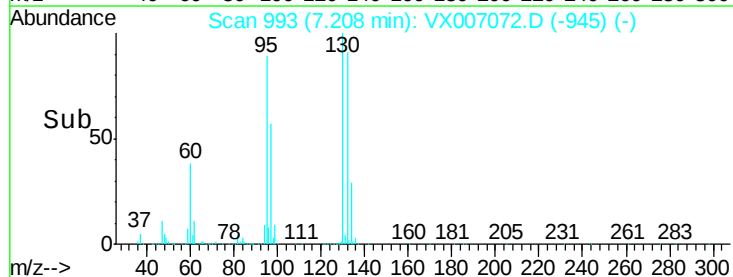
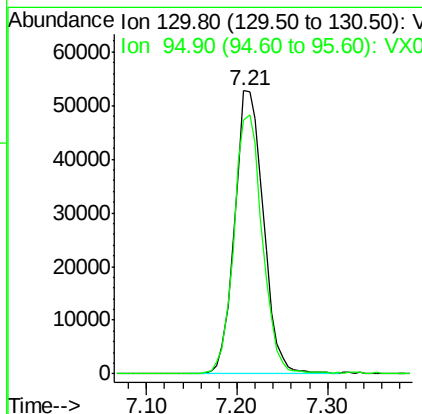
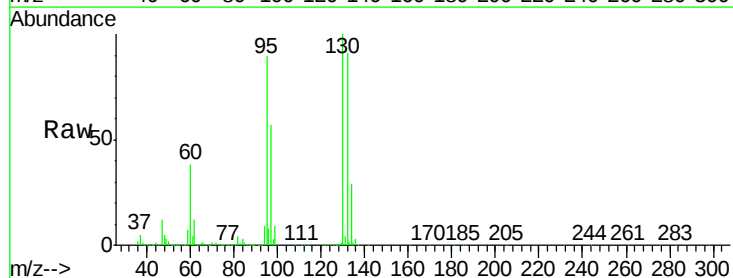
MMDadoda
 1/17/2019 9:09:51 AM

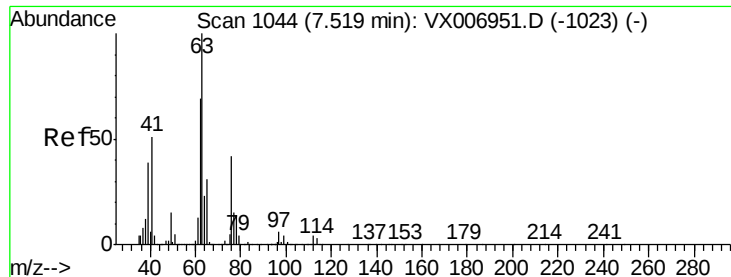


#44

Trichloroethene
 Concen: 19.600 ug/l
 RT: 7.21 min Scan# 993
 Delta R.T. -0.01 min
 Lab File: VX007072.D
 Acq: 16 Jan 2019 13:27

Tgt Ion	Ratio	Lower	Upper
130	100		
95	89.5	0.0	187.0





#45

1,2-Dichloropropane

Concen: 20.291 ug/l

RT: 7.51 min Scan# 1043

Delta R.T. -0.01 min

Lab File: VX007072.D

Acq: 16 Jan 2019 13:27

Instrument :

MSVOA_X

ClientSampleId :

VX0116WBSD01

Tot Ion: 63 Resp: 101662

Ion Ratio Lower Upper

63 100

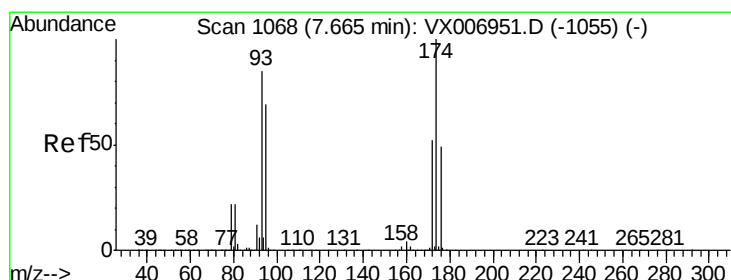
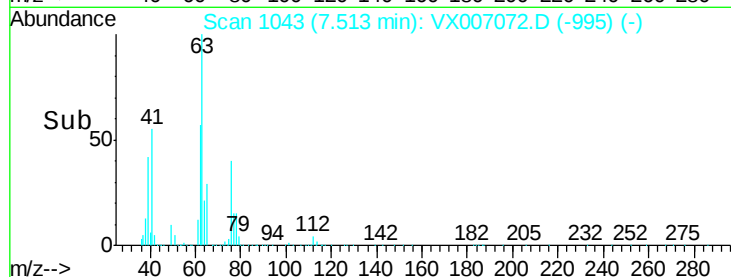
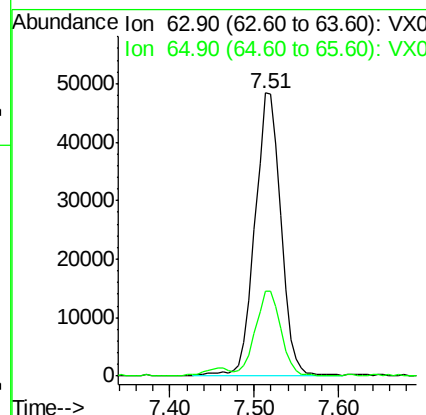
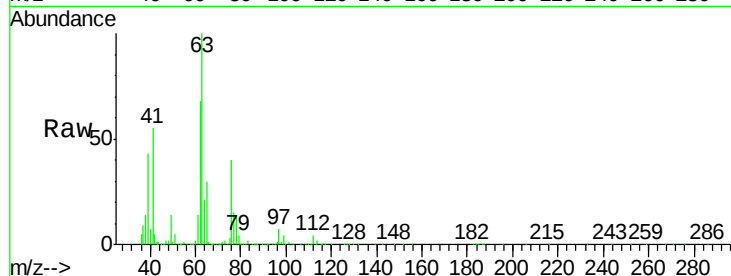
65 29.7 25.4 38.0

Manual Integrations

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#46

Dibromomethane

Concen: 20.319 ug/l

RT: 7.66 min Scan# 1068

Delta R.T. 0.00 min

Lab File: VX007072.D

Acq: 16 Jan 2019 13:27

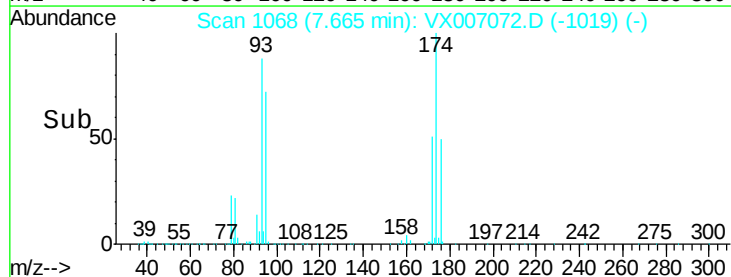
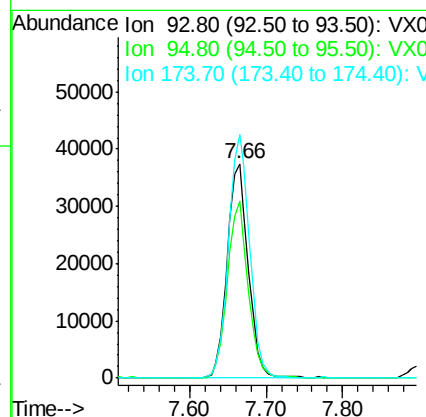
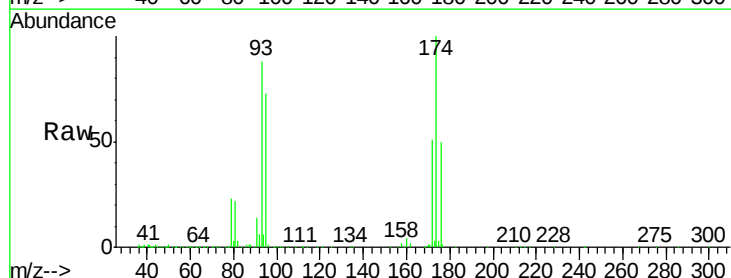
Tgt Ion: 93 Resp: 71545

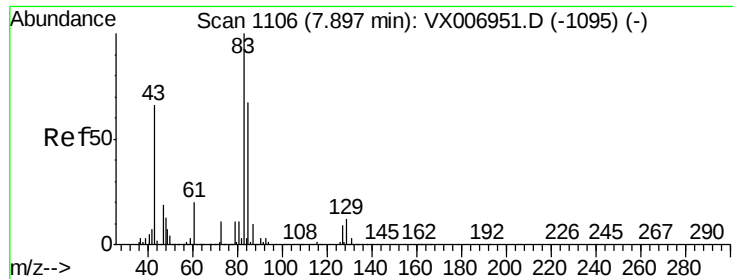
Ion Ratio Lower Upper

93 100

95 81.7 66.2 99.4

174 113.2 91.0 136.4





#47

Bromodichloromethane

Concen: 19.088 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. 0.00 min

Lab File: VX007072.D

Acq: 16 Jan 2019 13:27

Instrument :

MSVOA_X

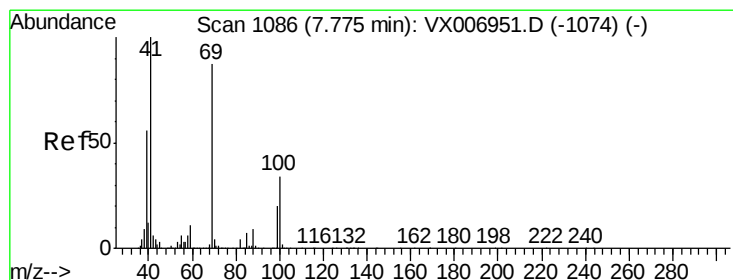
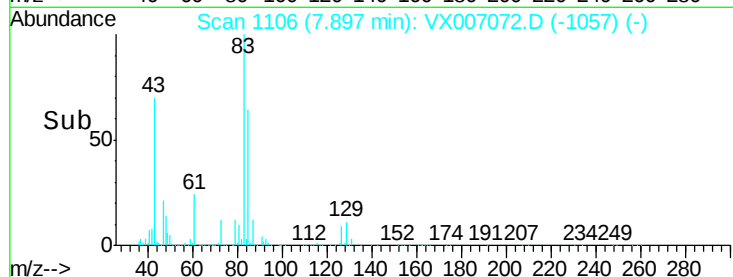
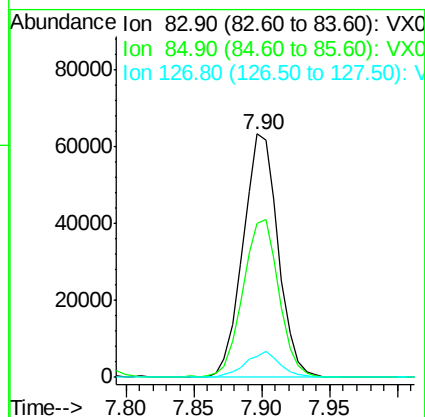
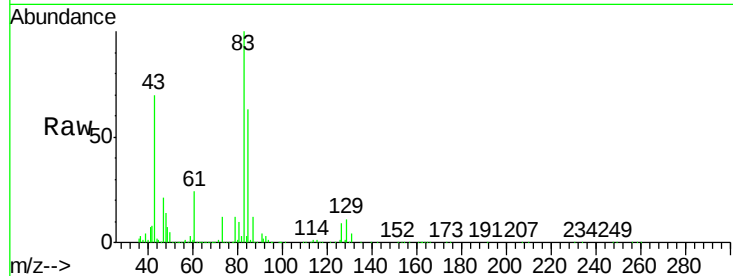
ClientSampleId :

VX0116WBSD01

Tot Ion:	83	Resp:	114407
Ion	Ratio	Lower	Upper
83	100		
85	63.2	53.2	79.8
127	8.6	7.8	11.6

Manual Integrations
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#48

Methyl methacrylate

Concen: 20.412 ug/l

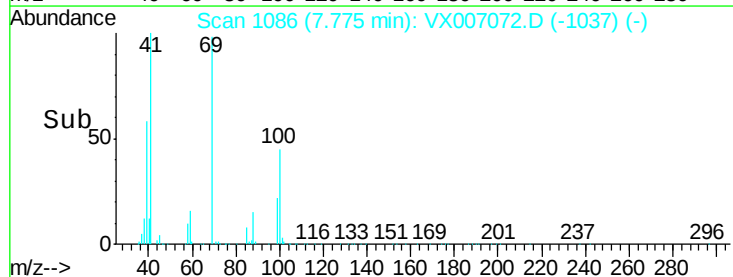
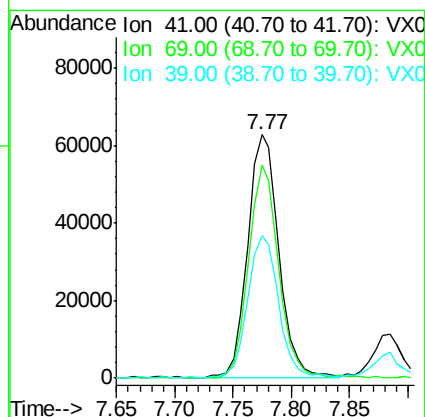
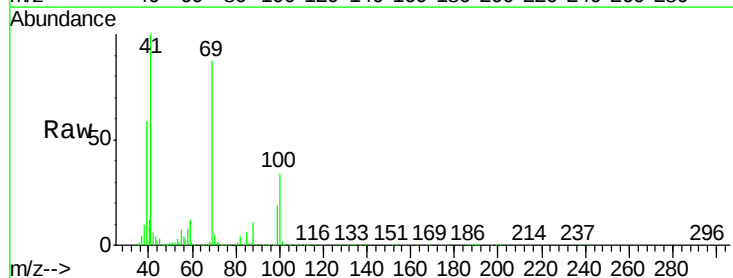
RT: 7.77 min Scan# 1086

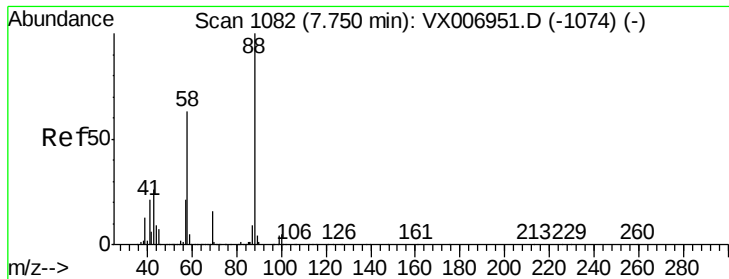
Delta R.T. 0.00 min

Lab File: VX007072.D

Acq: 16 Jan 2019 13:27

Tgt Ion:	41	Resp:	115777
Ion	Ratio	Lower	Upper
41	100		
69	85.2	72.4	108.6
39	58.7	45.8	68.8





#49

1,4-Dioxane

Concen: 429.420 ug/l

RT: 7.75 min Scan# 1082

Delta R.T. 0.00 min

Lab File: VX007072.D

Acq: 16 Jan 2019 13:27

Instrument :

MSVOA_X

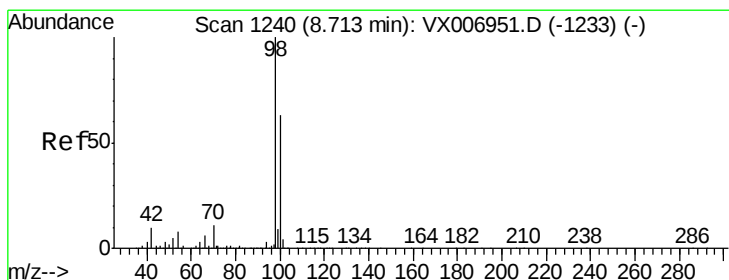
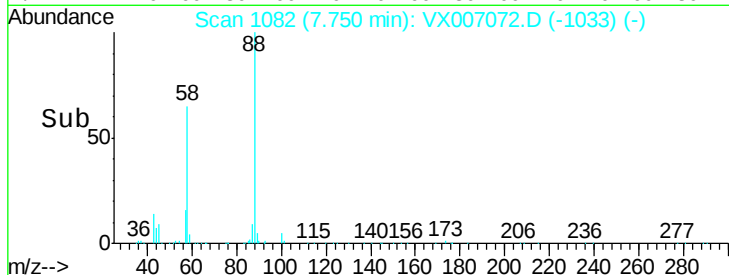
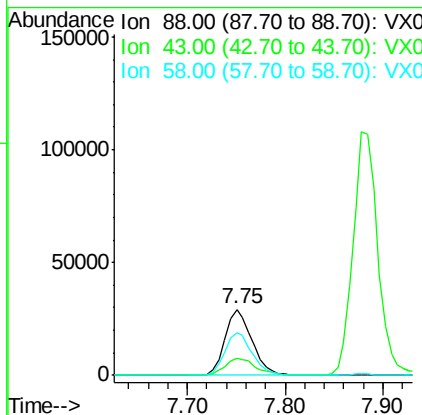
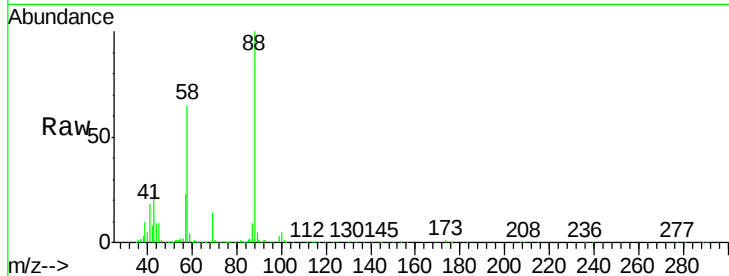
ClientSampleId :

VX0116WBSD01

Tot Ion:	88	Resp:	56257
Ion	Ratio	Lower	Upper
88	100		
43	29.5	22.2	33.4
58	66.5	51.0	76.4

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#50

Toluene-d8

Concen: 51.169 ug/l

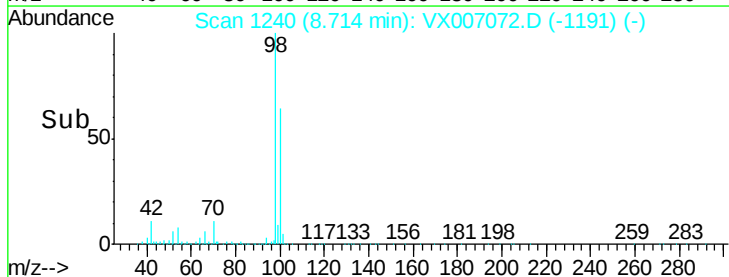
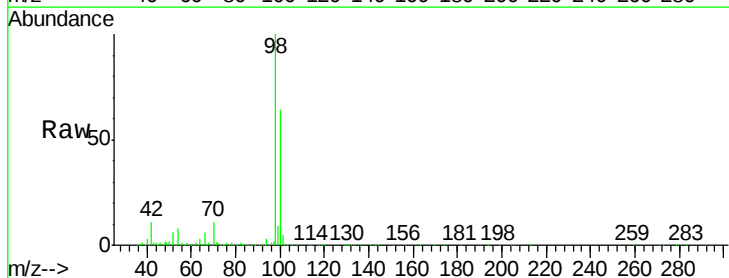
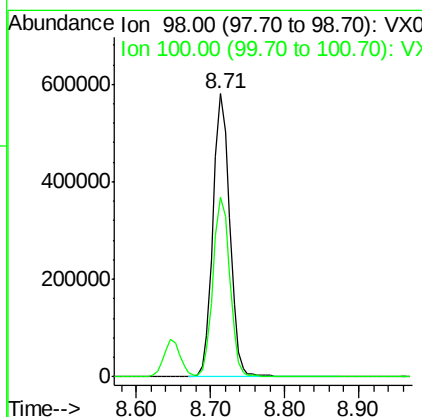
RT: 8.71 min Scan# 1240

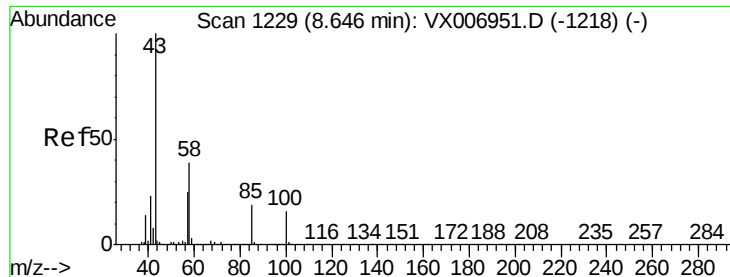
Delta R.T. 0.00 min

Lab File: VX007072.D

Acq: 16 Jan 2019 13:27

Tgt Ion:	98	Resp:	901025
Ion	Ratio	Lower	Upper
98	100		
100	64.3	52.0	78.0





#51

4-Methyl-2-Pentanone

Concen: 105.301 ug/l

RT: 8.65 min Scan# 1229

Delta R.T. 0.00 min

Lab File: VX007072.D

Acq: 16 Jan 2019 13:27

Instrument :

MSVOA_X

ClientSampleId :

VX0116WBSD01

Tot Ion: 43 Resp: 747434

Ion Ratio Lower Upper

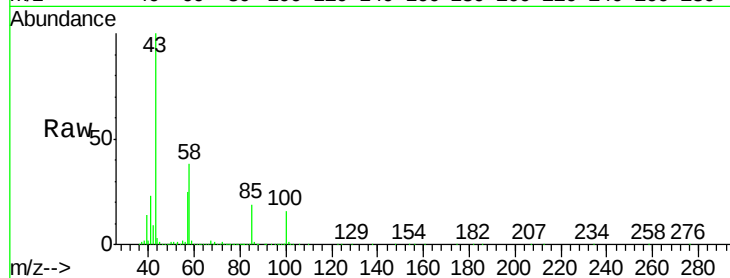
43 100

58 39.0 31.8 47.6

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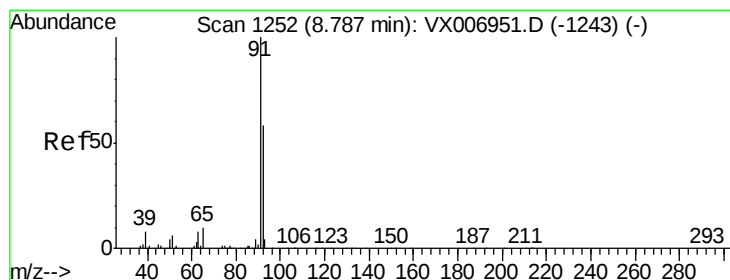
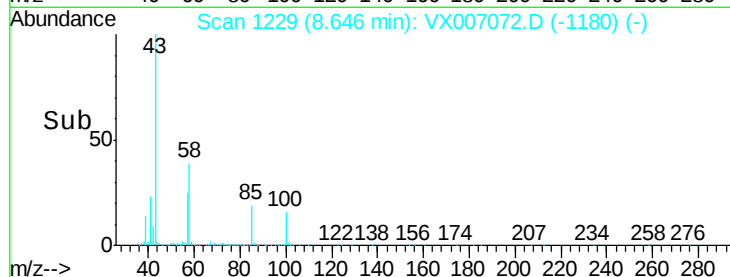
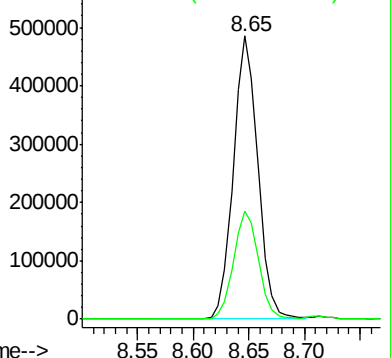
MMDadoda

1/17/2019 9:09:51 AM



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 19.930 ug/l

RT: 8.78 min Scan# 1251

Delta R.T. -0.01 min

Lab File: VX007072.D

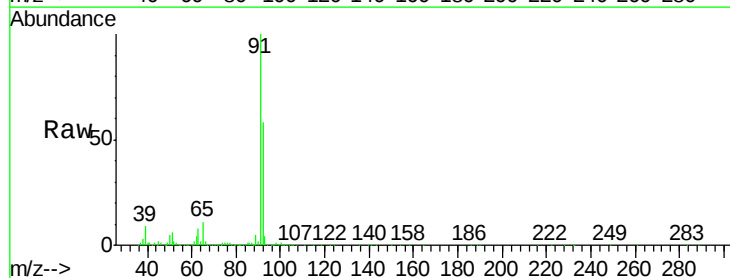
Acq: 16 Jan 2019 13:27

Tgt Ion: 92 Resp: 255288

Ion Ratio Lower Upper

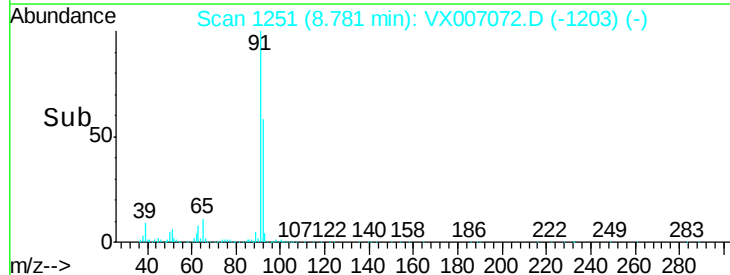
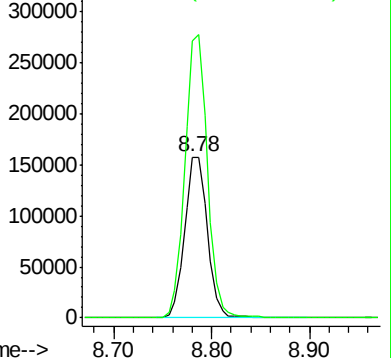
92 100

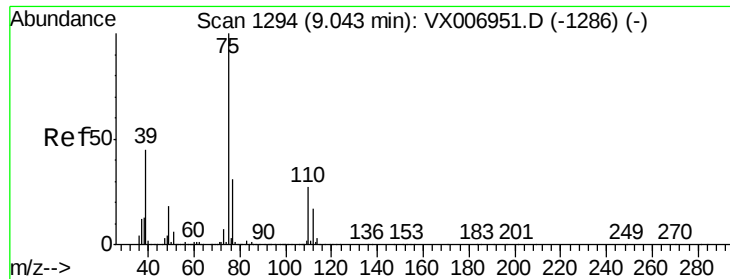
91 173.7 137.6 206.4



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0





#53

t-1,3-Dichloropropene

Concen: 18.841 ug/l

RT: 9.04 min Scan# 1294

Delta R.T. 0.00 min

Lab File: VX007072.D

Acq: 16 Jan 2019 13:27

Instrument :

MSVOA_X

ClientSampleId :

VX0116WBSD01

Tot Ion: 75 Resp: 125216

Ion Ratio Lower Upper

75 100

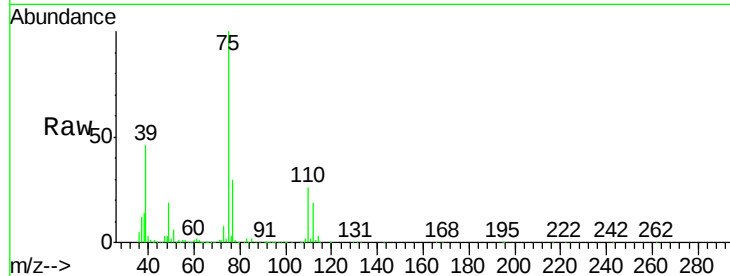
77 29.8 25.4 38.0

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Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

9.04

100000

80000

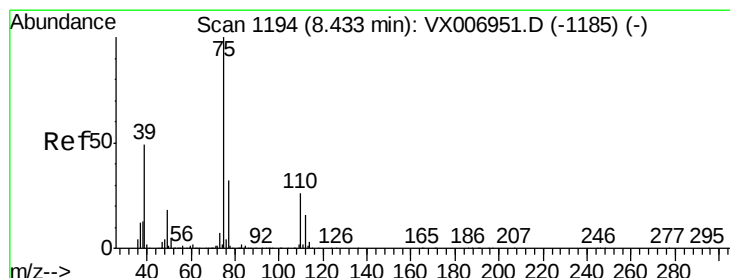
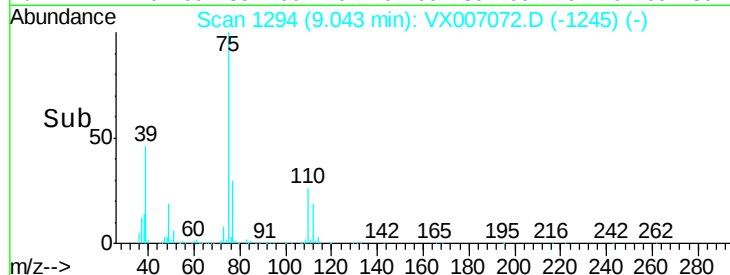
60000

40000

20000

0

Time-->



#54

cis-1,3-Dichloropropene

Concen: 19.434 ug/l

RT: 8.43 min Scan# 1194

Delta R.T. 0.00 min

Lab File: VX007072.D

Acq: 16 Jan 2019 13:27

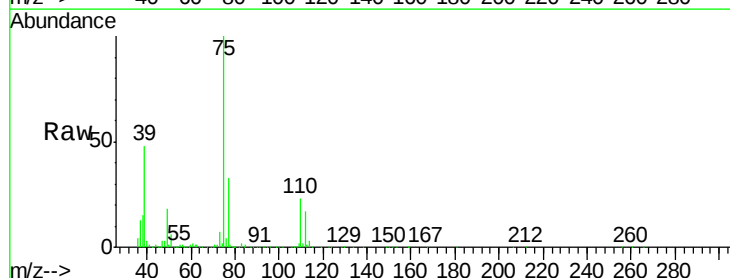
Tgt Ion: 75 Resp: 142639

Ion Ratio Lower Upper

75 100

77 33.5 26.2 39.2

39 47.8 36.7 55.1



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

120000

100000

80000

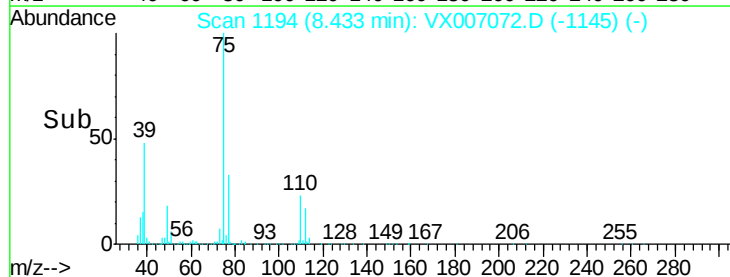
60000

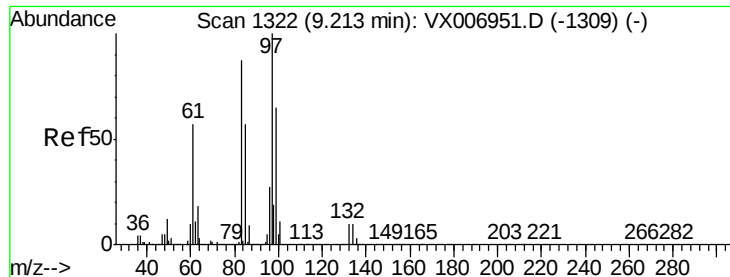
40000

20000

0

Time-->





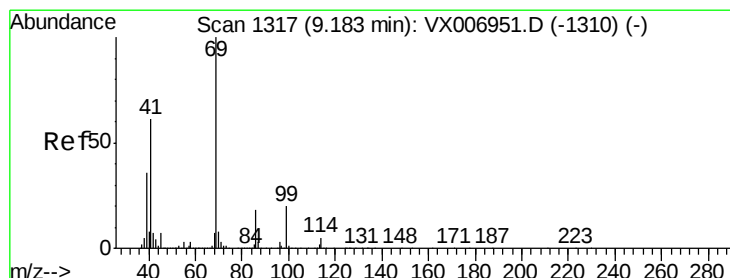
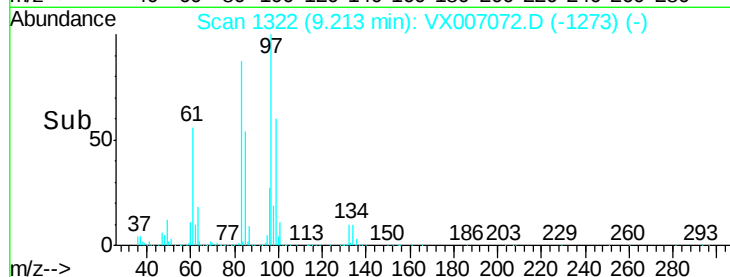
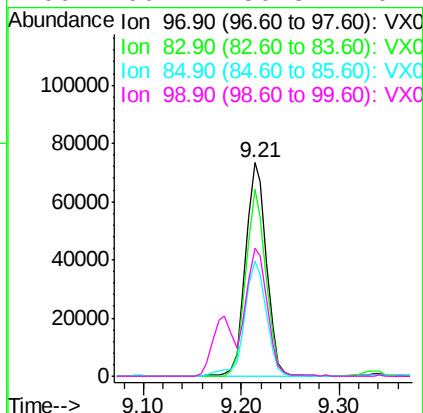
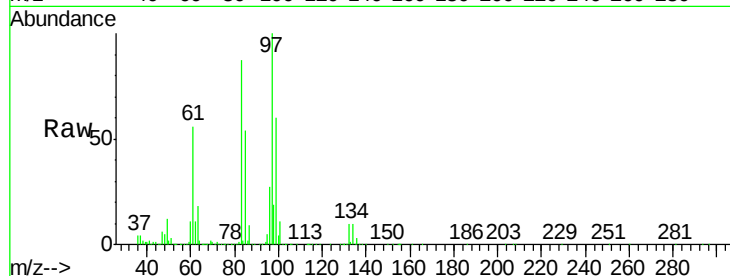
#55
 1,1,2-Trichloroethane
 Concen: 21.169 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. 0.00 min
 Lab File: VX007072.D
 Acq: 16 Jan 2019 13:27

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0116WBSD01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		108535		
83	87.2	66.6	99.8		
85	54.1	42.7	64.1		
99	60.1	50.8	76.2		

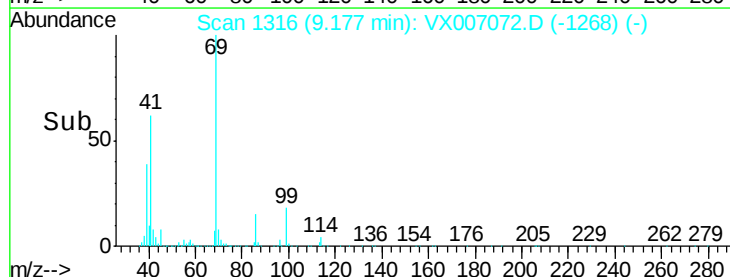
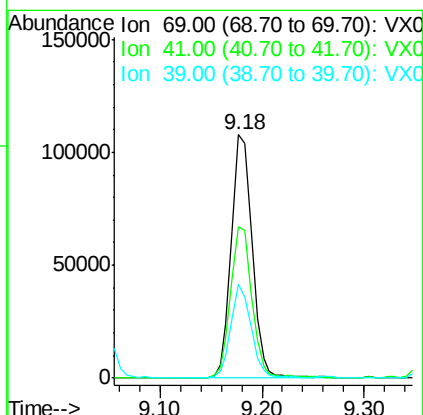
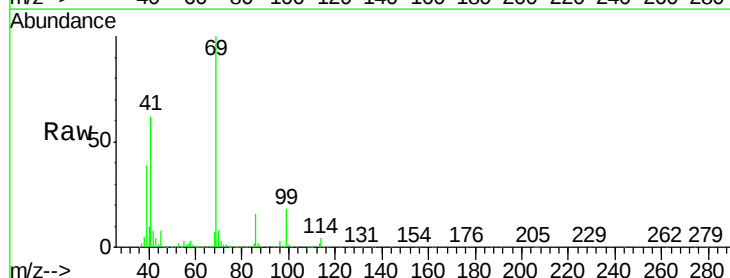
Manual Integrations
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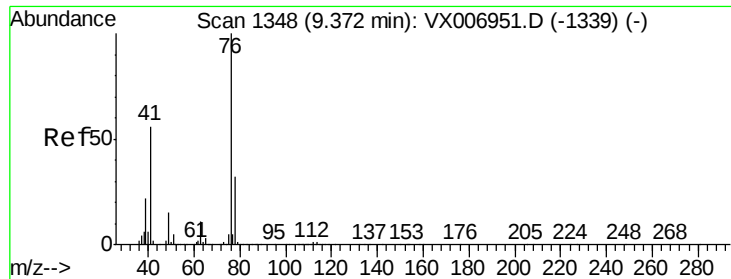
MMDadoda
 1/17/2019 9:09:51 AM



#56
 Ethyl methacrylate
 Concen: 20.524 ug/l
 RT: 9.18 min Scan# 1316
 Delta R.T. -0.01 min
 Lab File: VX007072.D
 Acq: 16 Jan 2019 13:27

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		153613		
41	62.6	48.7	73.1		
39	36.8	27.0	40.6		





#57

1,3-Dichloropropane

Concen: 20.378 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. 0.00 min

Lab File: VX007072.D

Acq: 16 Jan 2019 13:27

Instrument :

MSVOA_X

ClientSampleId :

VX0116WBSD01

Tot Ion: 76 Resp: 171162

Ion Ratio Lower Upper

76 100

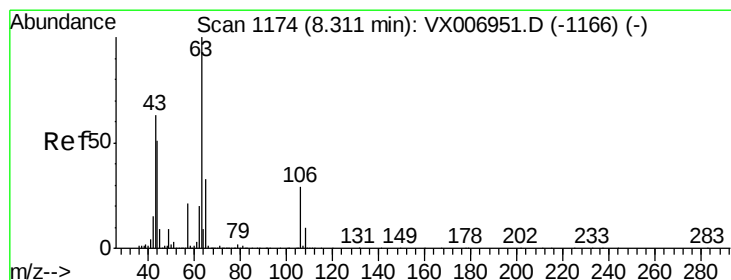
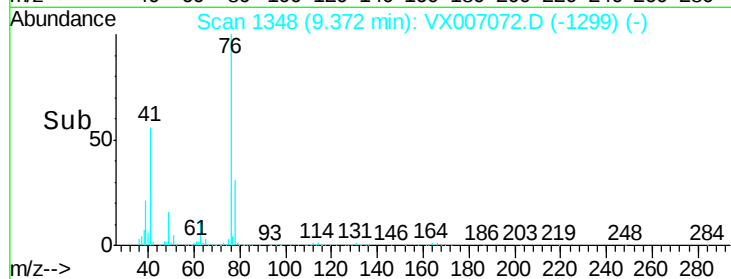
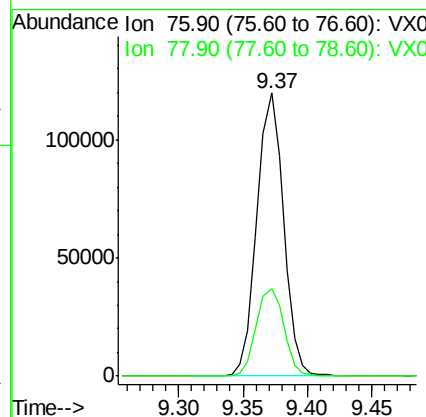
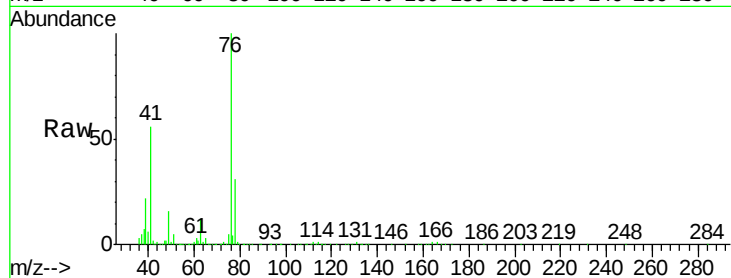
78 32.3 26.0 39.0

Manual Integrations

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1/17/2019 9:09:51 AM



#58

2-Chloroethyl Vinyl ether

Concen: 102.459 ug/l

RT: 8.31 min Scan# 1174

Delta R.T. 0.00 min

Lab File: VX007072.D

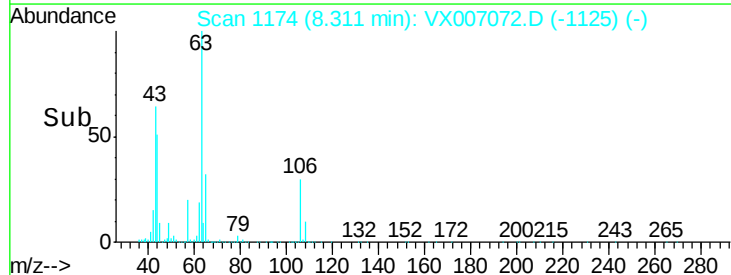
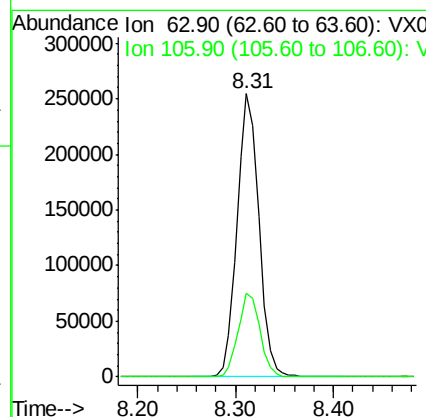
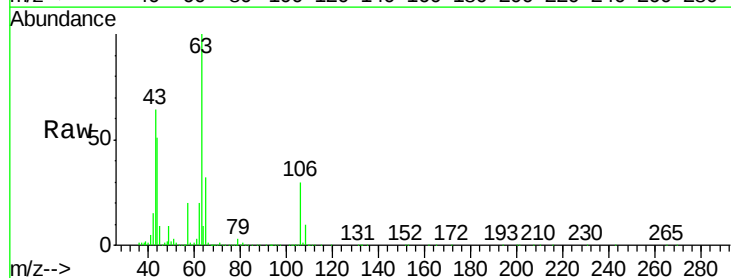
Acq: 16 Jan 2019 13:27

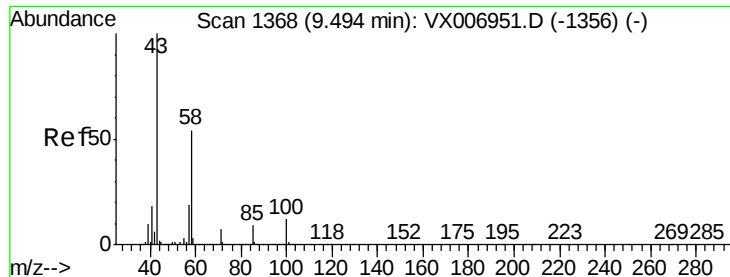
Tgt Ion: 63 Resp: 394294

Ion Ratio Lower Upper

63 100

106 29.9 24.6 36.8





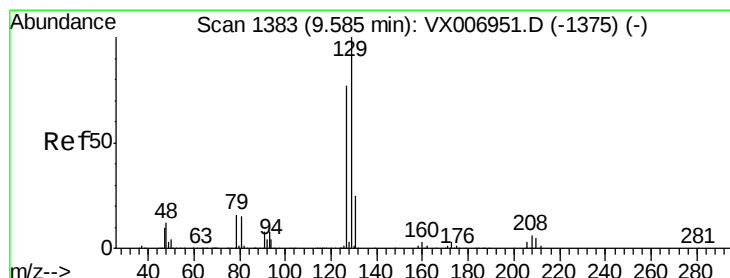
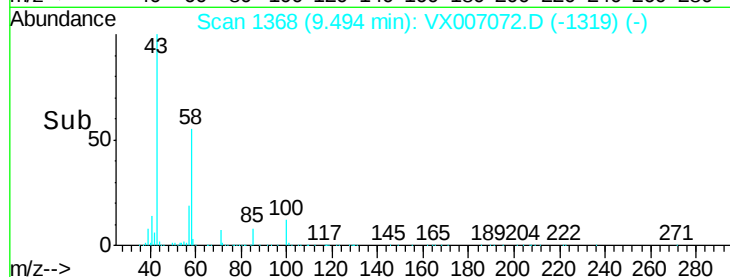
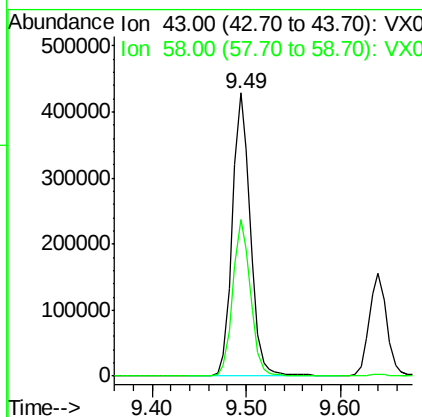
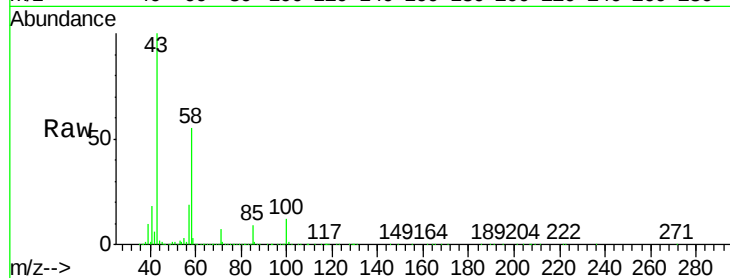
#59
2-Hexanone
Concen: 104.878 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. 0.00 min
Lab File: VX007072.D
Acq: 16 Jan 2019 13:27

Instrument :
MSVOA_X
ClientSampleId :
VX0116WBSD01

Tot Ion: 43 Resp: 567302
Ion Ratio Lower Upper
43 100
58 54.6 27.7 83.1

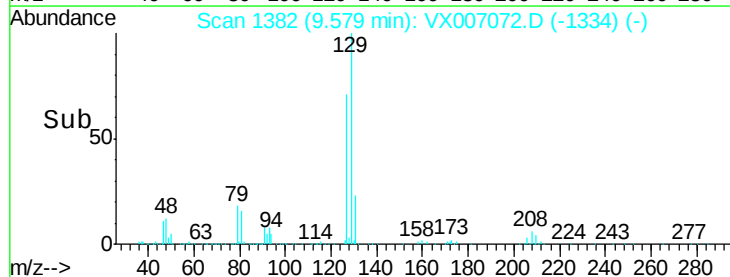
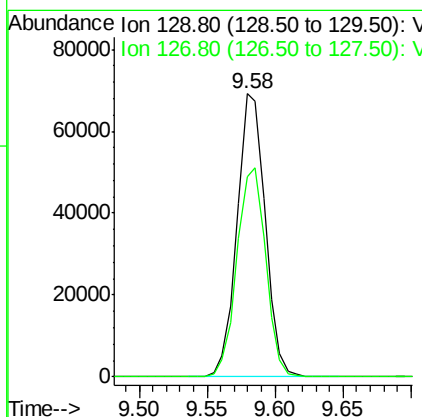
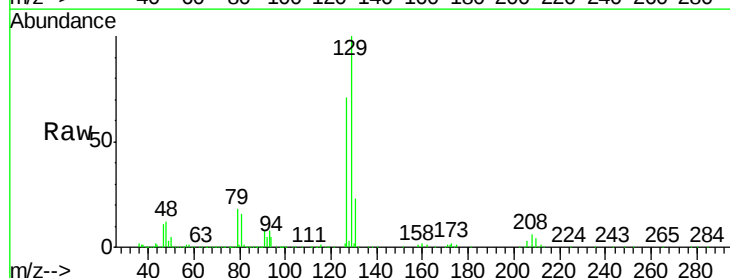
Manual Integrations
APPROVED

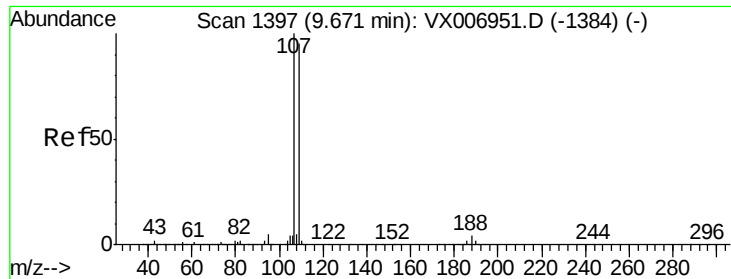
MMDadoda
1/17/2019 9:09:51 AM



#60
Dibromochloromethane
Concen: 20.093 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. -0.01 min
Lab File: VX007072.D
Acq: 16 Jan 2019 13:27

Tgt Ion: 129 Resp: 100033
Ion Ratio Lower Upper
129 100
127 75.5 39.3 117.8





#61

1,2-Dibromoethane

Concen: 20.397 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. 0.00 min

Lab File: VX007072.D

Acq: 16 Jan 2019 13:27

Instrument :

MSVOA_X

ClientSampleId :

VX0116WBSD01

Tot Ion: 107 Resp: 115127

Ion Ratio Lower Upper

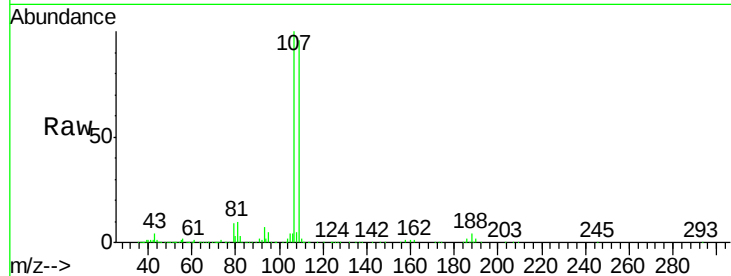
107 100

109 94.8 75.8 113.6

Manual Integrations
APPROVED

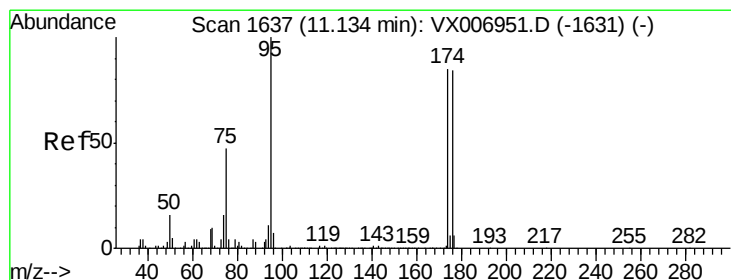
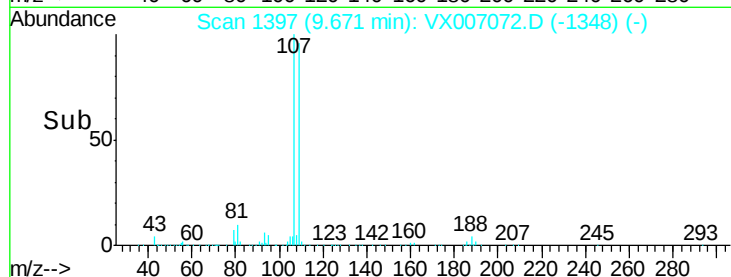
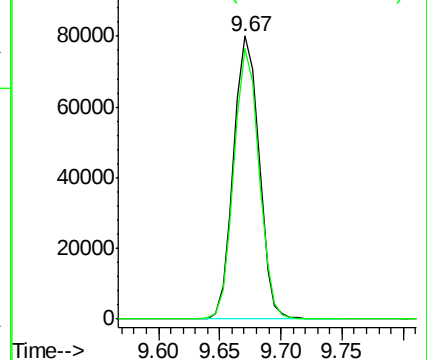
MMDadoda

1/17/2019 9:09:51 AM



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 52.421 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX007072.D

Acq: 16 Jan 2019 13:27

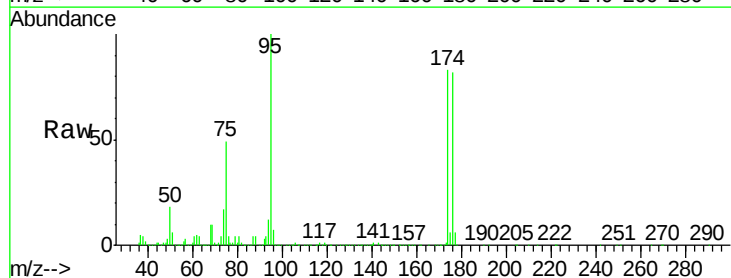
Tgt Ion: 95 Resp: 321810

Ion Ratio Lower Upper

95 100

174 91.8 0.0 182.2

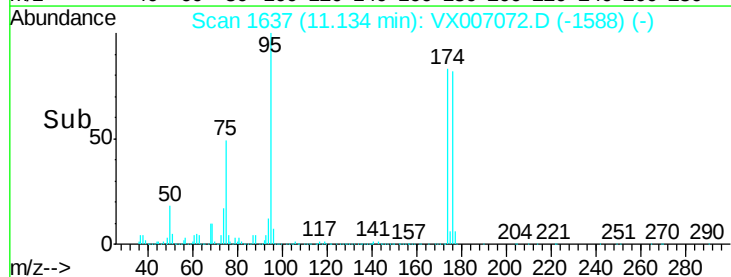
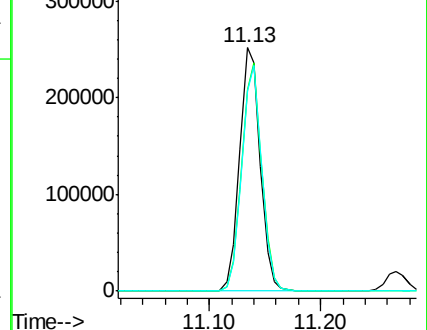
176 90.5 0.0 178.8

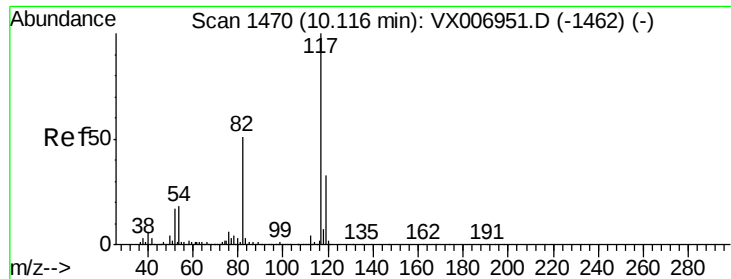


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





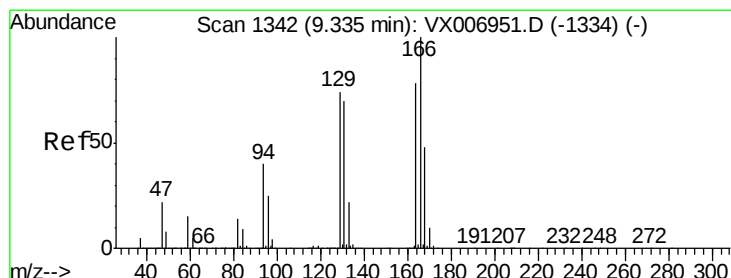
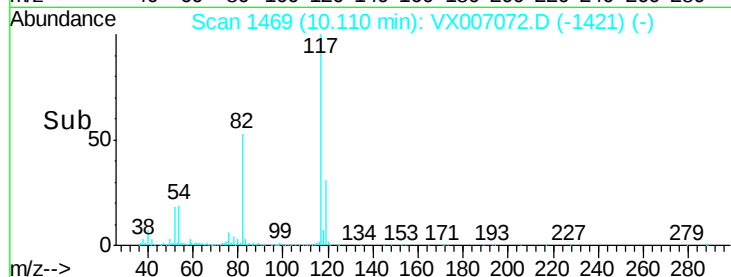
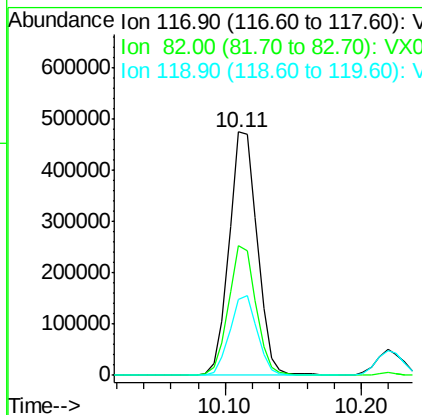
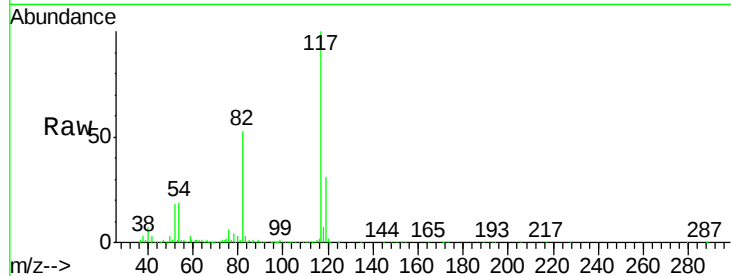
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.01 min
Lab File: VX007072.D
Acq: 16 Jan 2019 13:27

Instrument :
MSVOA_X
ClientSampleId :
VX0116WBSD01

Tot Ion	Ratio	Lower	Upper
117	100		
82	53.2	41.0	61.6
119	31.4	25.4	38.0

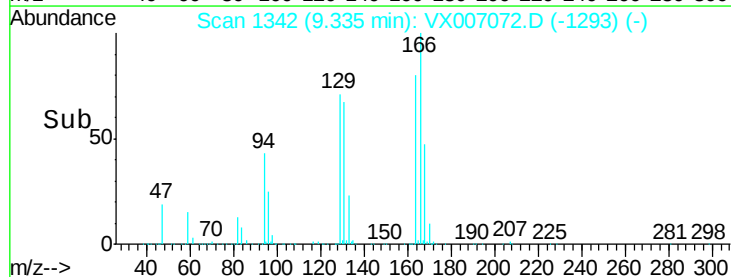
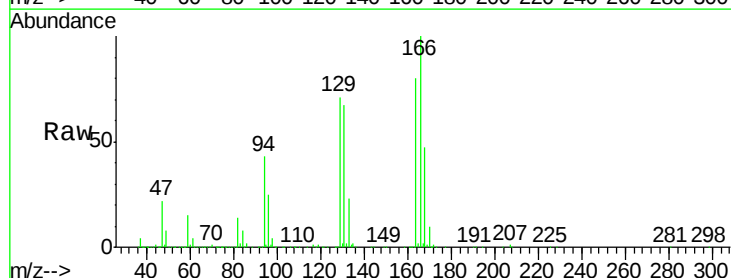
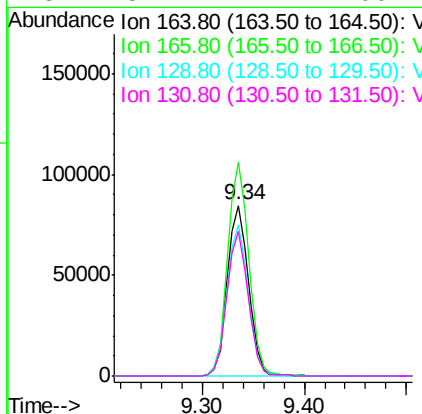
Manual Integrations
APPROVED

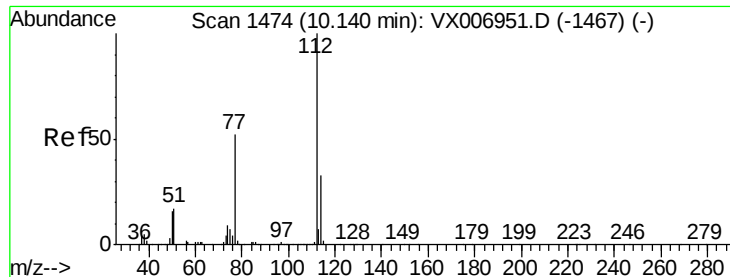
MMDadoda
1/17/2019 9:09:51 AM



#64
Tetrachloroethene
Concen: 20.578 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX007072.D
Acq: 16 Jan 2019 13:27

Tgt Ion	Ratio	Lower	Upper
164	100		
166	125.0	102.5	153.7
129	88.4	75.1	112.7
131	84.4	72.7	109.1





#65

Chlorobenzene

Concen: 19.811 ug/l

RT: 10.14 min Scan# 1474

Delta R.T. 0.00 min

Lab File: VX007072.D

Acq: 16 Jan 2019 13:27

Instrument :

MSVOA_X

ClientSampleId :

VX0116WBSD01

Tot Ion:112 Resp: 295837

Ion Ratio Lower Upper

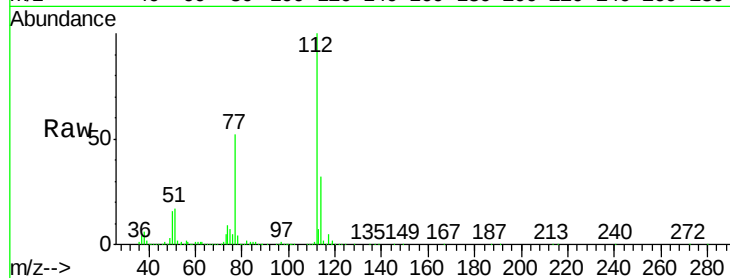
112 100

114 31.7 25.7 38.5

Manual Integrations
APPROVED

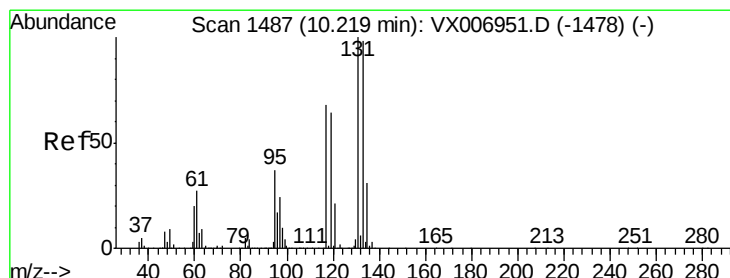
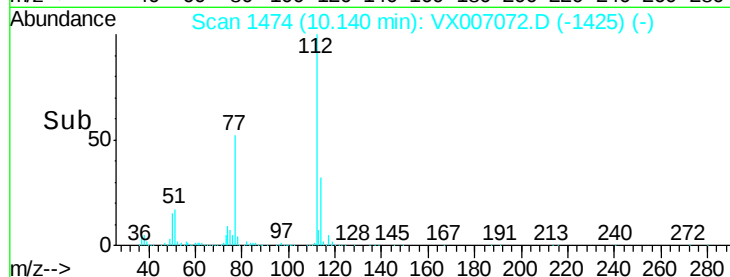
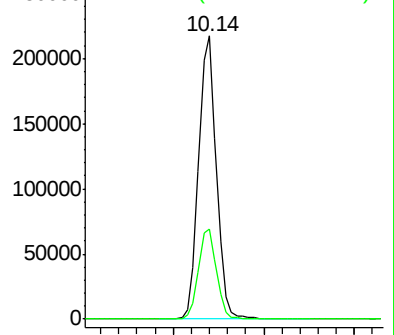
MMDadoda

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Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 20.244 ug/l

RT: 10.22 min Scan# 1487

Delta R.T. 0.00 min

Lab File: VX007072.D

Acq: 16 Jan 2019 13:27

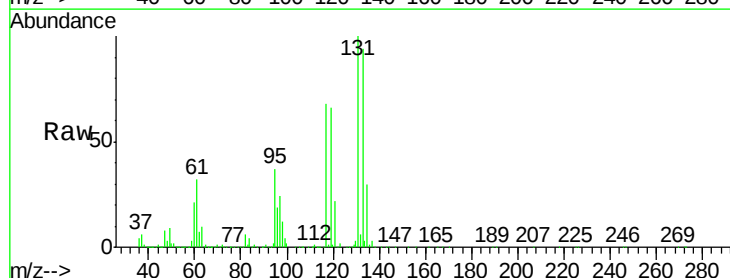
Tgt Ion:131 Resp: 101697

Ion Ratio Lower Upper

131 100

133 93.0 48.0 144.2

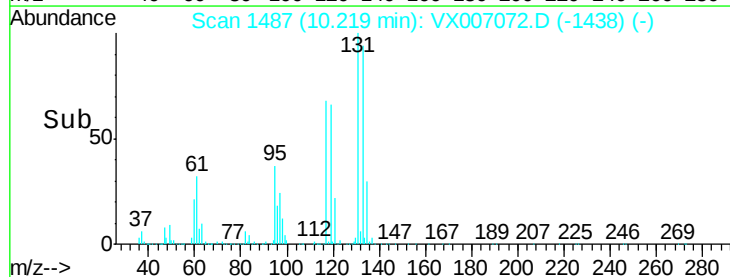
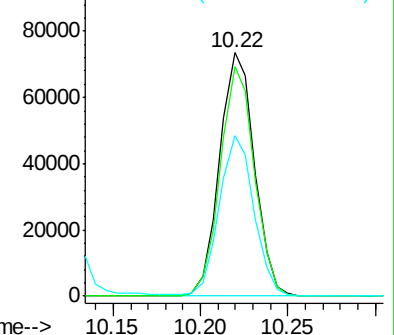
119 65.4 32.6 97.8

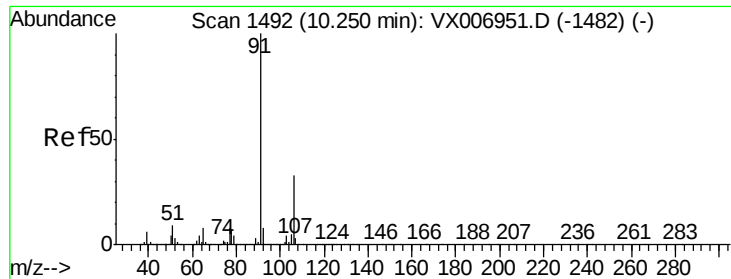


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





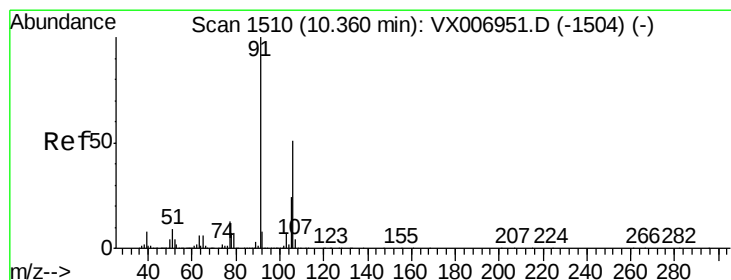
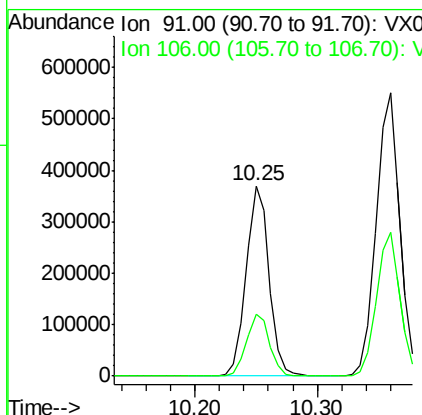
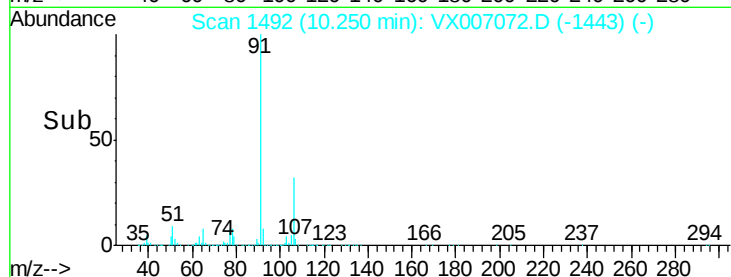
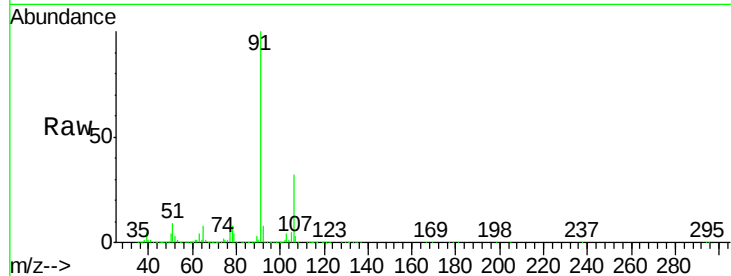
#67
Ethyl Benzene
Concen: 19.546 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VX007072.D
Acq: 16 Jan 2019 13:27

Instrument :
MSVOA_X
ClientSampleId :
VX0116WBSD01

Tot Ion: 91 Resp: 481859
Ion Ratio Lower Upper
91 100
106 32.4 26.4 39.6

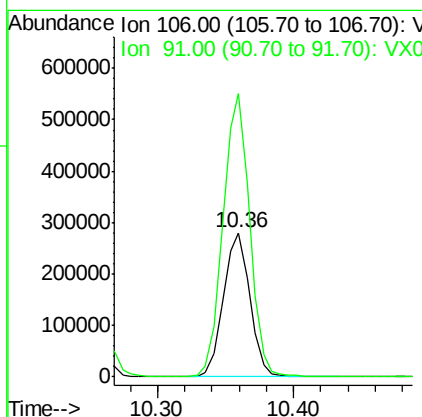
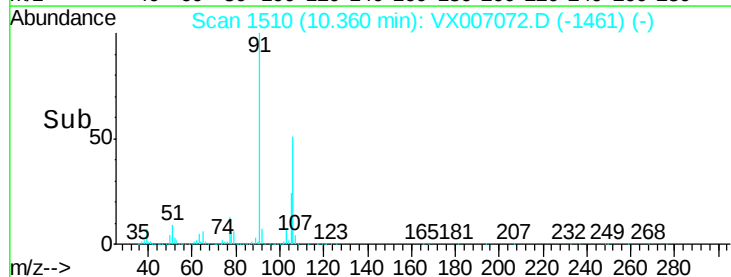
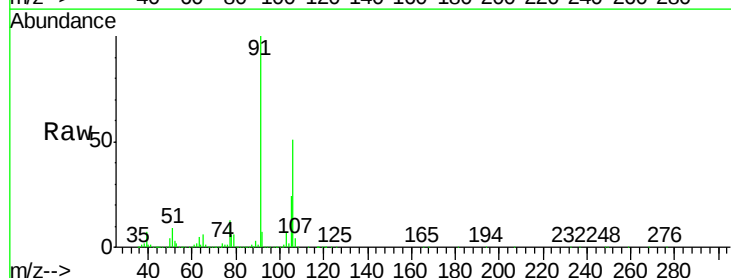
Manual Integrations
APPROVED

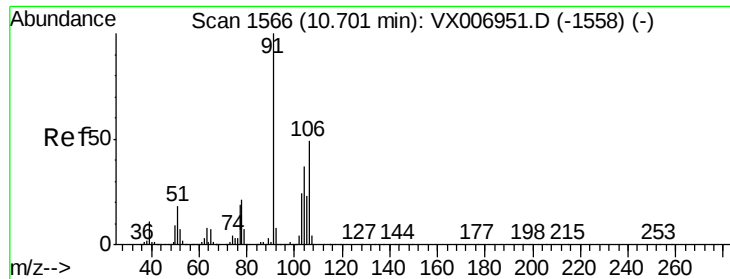
MMDadoda
1/17/2019 9:09:51 AM



#68
m/p-Xylenes
Concen: 38.626 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. 0.00 min
Lab File: VX007072.D
Acq: 16 Jan 2019 13:27

Tgt Ion: 106 Resp: 375165
Ion Ratio Lower Upper
106 100
91 197.7 155.8 233.6





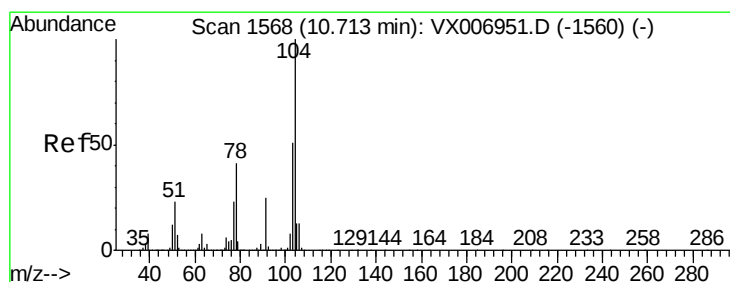
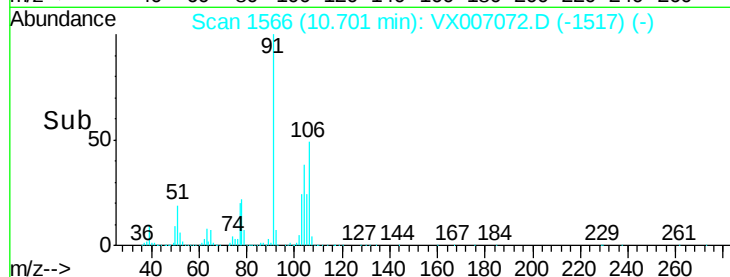
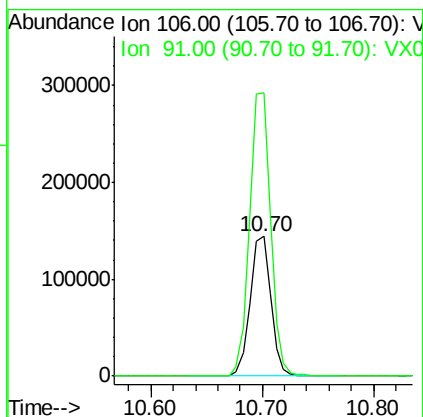
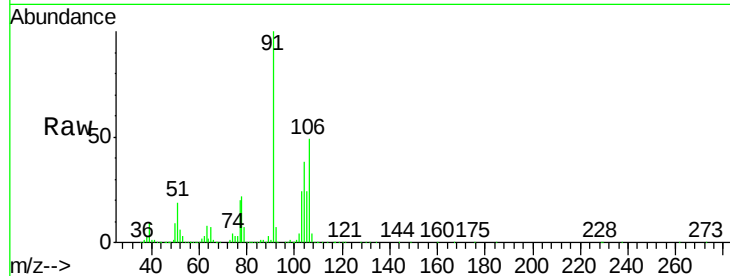
#69
o-Xylene
Concen: 19.813 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. 0.00 min
Lab File: VX007072.D
Acq: 16 Jan 2019 13:27

Instrument :
MSVOA_X
ClientSampleId :
VX0116WBSD01

Tot Ion:106 Resp: 187675
Ion Ratio Lower Upper
106 100
91 206.1 101.3 303.7

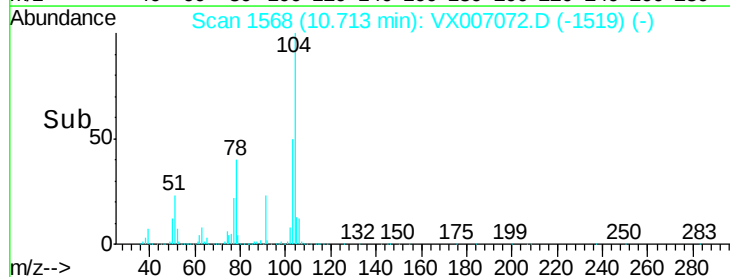
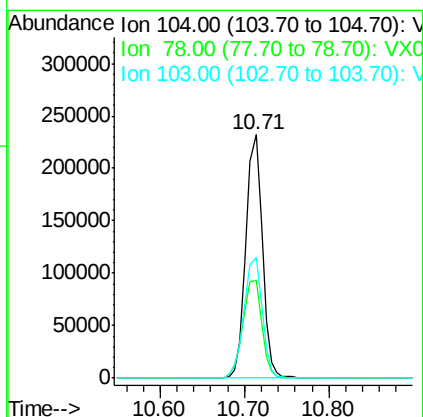
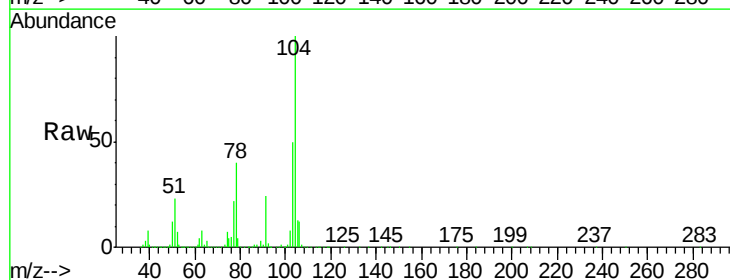
Manual Integrations
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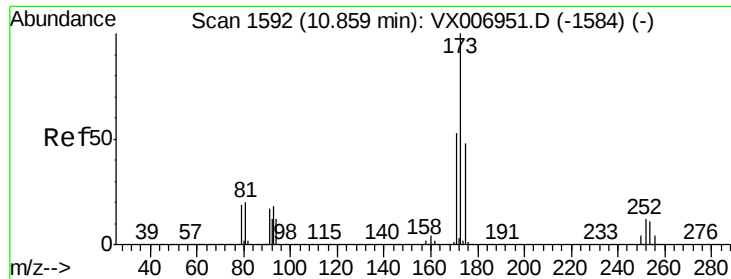
MMDadoda
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#70
Styrene
Concen: 20.214 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX007072.D
Acq: 16 Jan 2019 13:27

Tgt Ion:104 Resp: 303258
Ion Ratio Lower Upper
104 100
78 46.5 37.7 56.5
103 55.5 43.8 65.8





#71

Bromoform

Concen: 19.111 ug/l

RT: 10.86 min Scan# 1592

Delta R.T. 0.00 min

Lab File: VX007072.D

Acq: 16 Jan 2019 13:27

Instrument :

MSVOA_X

ClientSampled :

VX0116WBSD01

Tot Ion:173 Resp: 71397

Ion Ratio Lower Upper

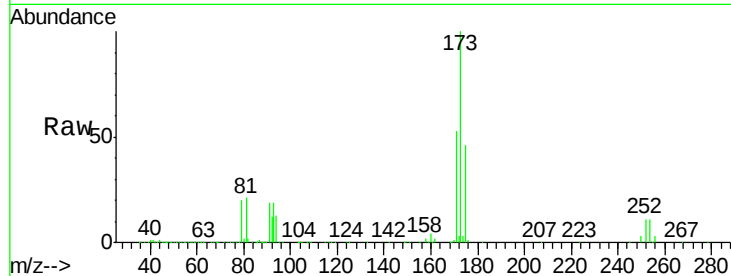
173 100

175 47.4 24.7 74.1

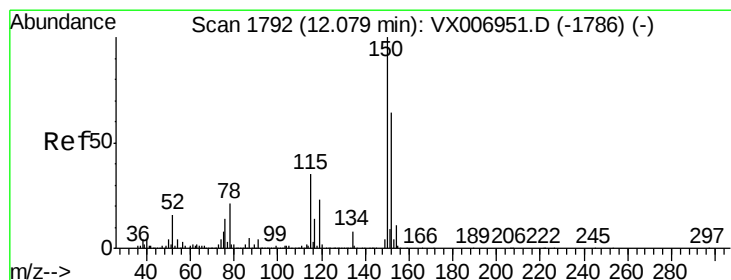
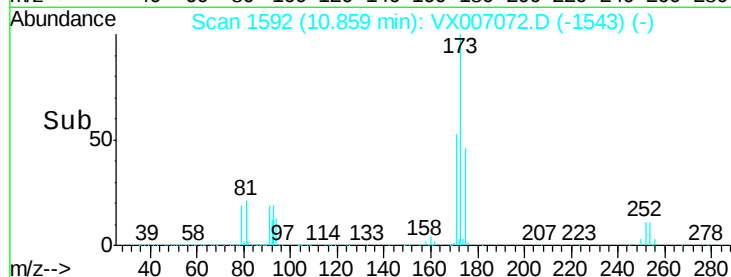
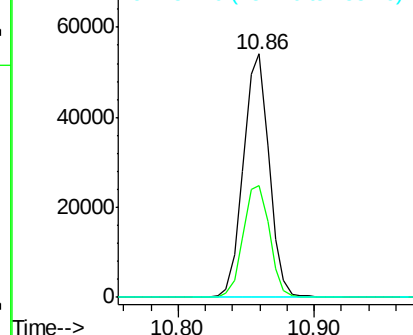
254 0.2 0.2 0.2#

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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX007072.D

Acq: 16 Jan 2019 13:27

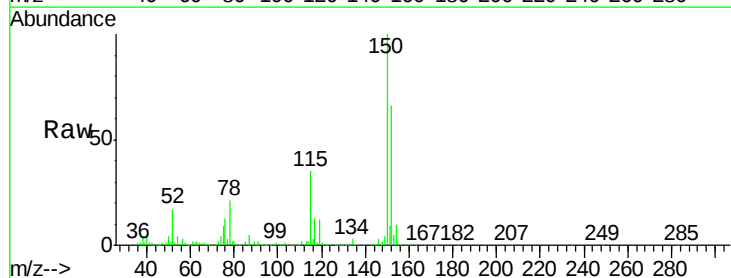
Tgt Ion:152 Resp: 346011

Ion Ratio Lower Upper

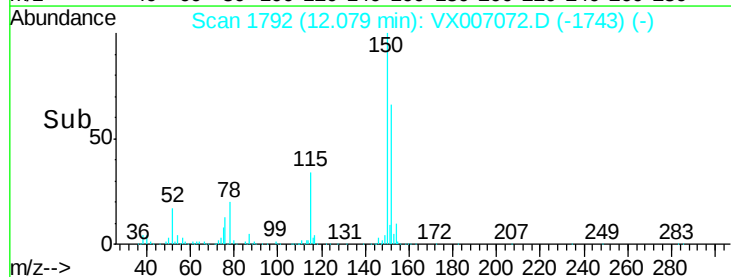
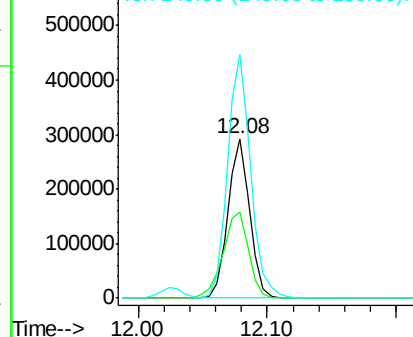
152 100

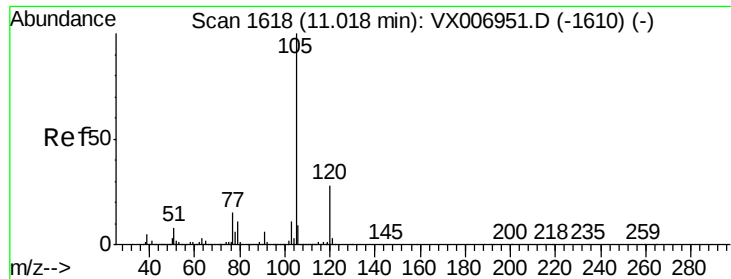
115 63.4 39.1 117.2

150 163.3 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: 20.133 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX007072.D

Acq: 16 Jan 2019 13:27

Instrument :

MSVOA_X

ClientSampleId :

VX0116WBSD01

Tot Ion: 105 Resp: 491214

Ion Ratio Lower Upper

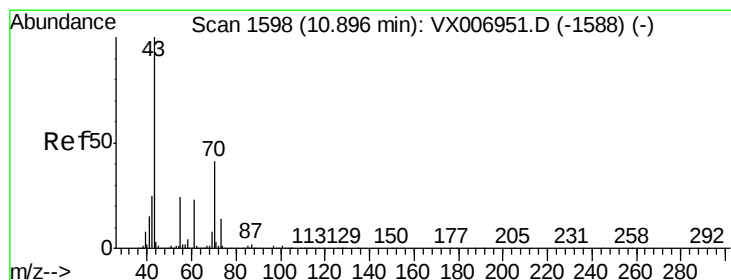
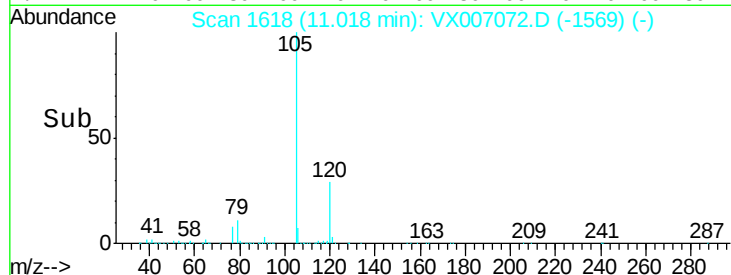
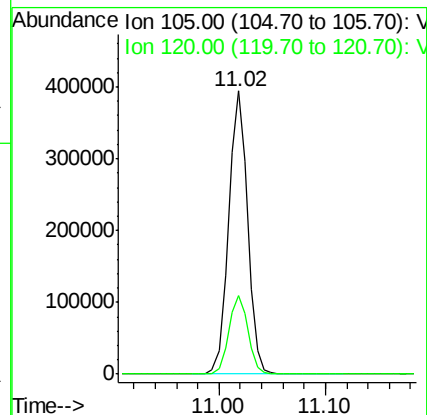
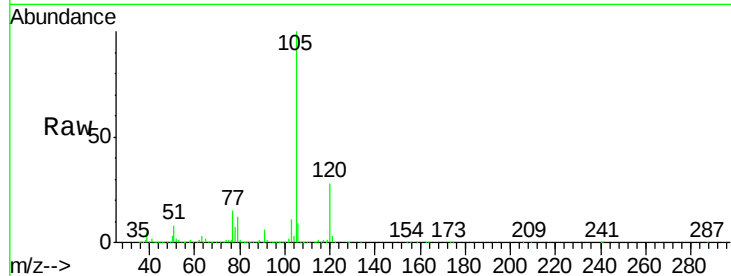
105 100

120 27.8 14.1 42.4

Manual Integrations
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#74

N-ethyl acetate

Concen: 20.045 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. 0.00 min

Lab File: VX007072.D

Acq: 16 Jan 2019 13:27

Tgt Ion: 43 Resp: 196910

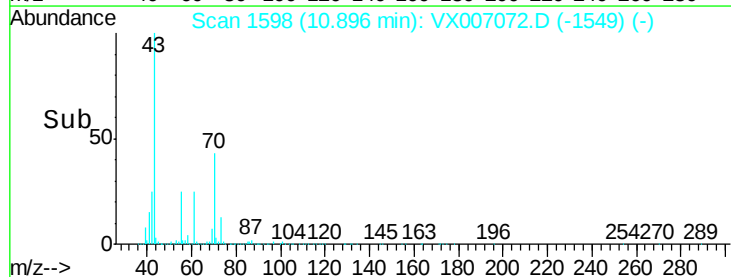
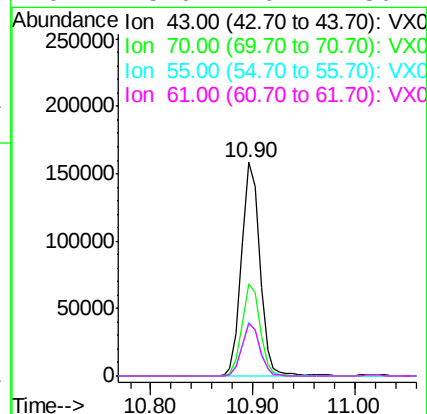
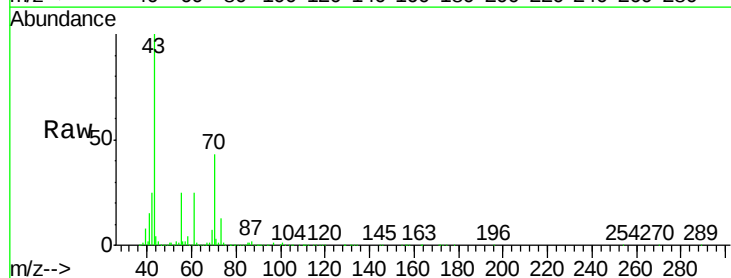
Ion Ratio Lower Upper

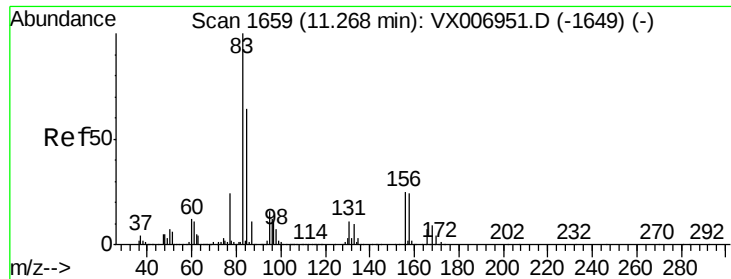
43 100

70 42.5 35.8 53.8

55 24.5 19.4 29.0

61 23.9 20.1 30.1





#75

1,1,2,2-Tetrachloroethane

Concen: 20.155 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. 0.00 min

Lab File: VX007072.D

Acq: 16 Jan 2019 13:27

Instrument :

MSVOA_X

ClientSampleId :

VX0116WBSD01

Tot Ion: 83 Resp: 156115

Ion Ratio Lower Upper

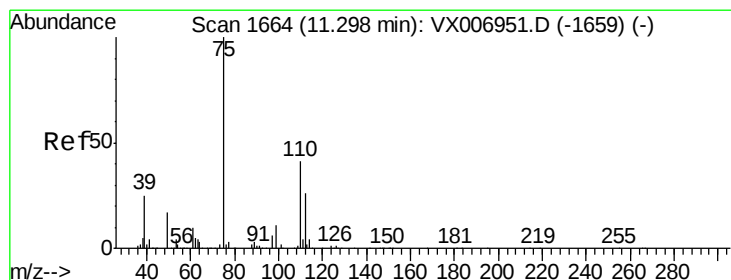
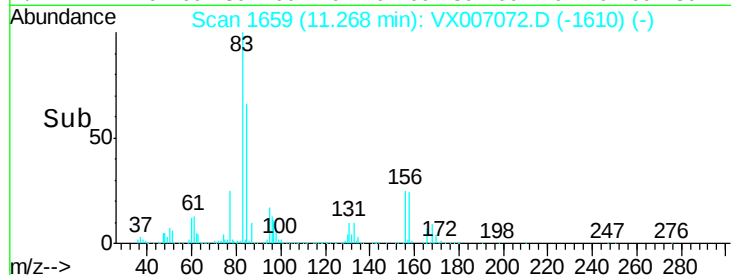
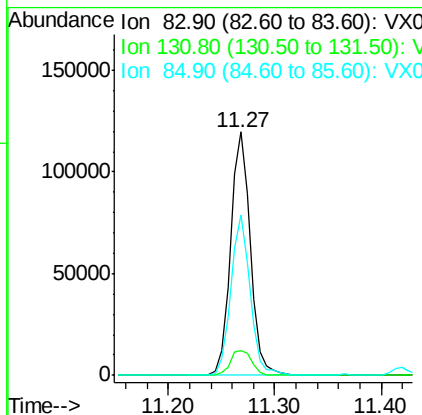
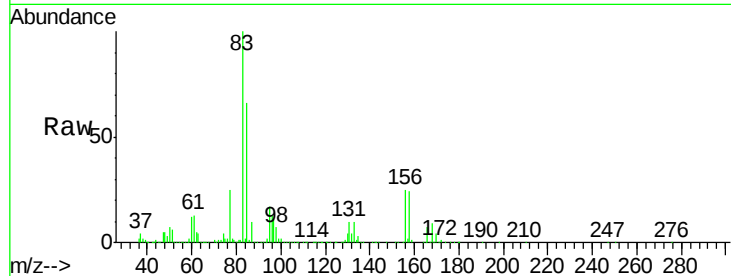
83 100

131 11.3 5.7 17.1

85 64.5 32.2 96.6

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#76

1,2,3-Trichloropropane

Concen: 20.752 ug/l m

RT: 11.30 min Scan# 1664

Delta R.T. 0.00 min

Lab File: VX007072.D

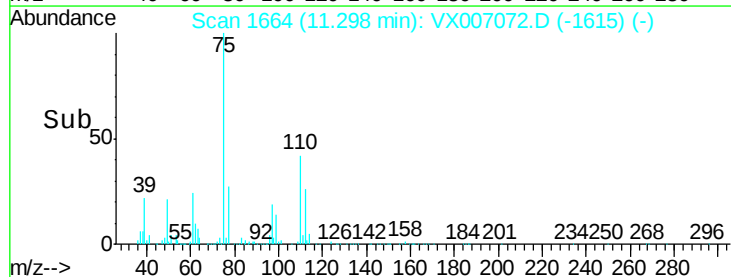
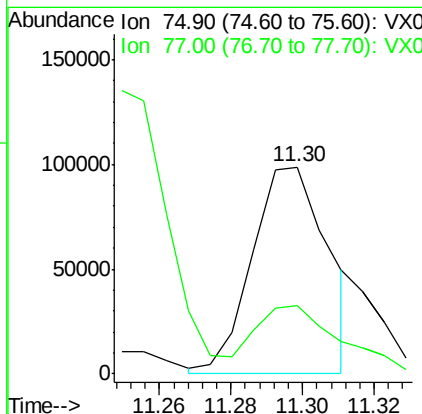
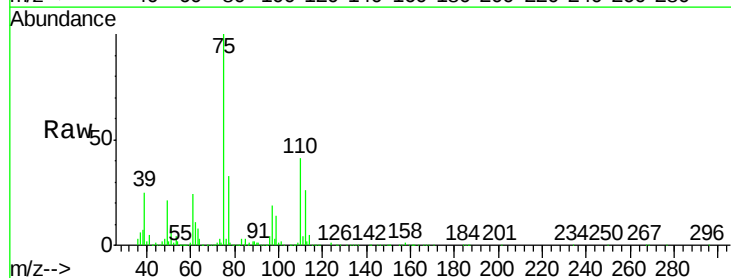
Acq: 16 Jan 2019 13:27

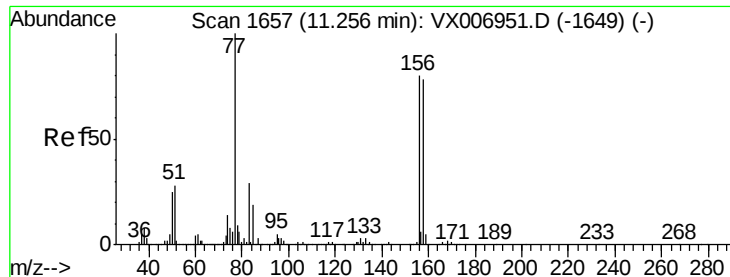
Tgt Ion: 75 Resp: 145505

Ion Ratio Lower Upper

75 100

77 37.1 18.5 55.5





#77

Bromobenzene

Concen: 20.017 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. 0.00 min

Lab File: VX007072.D

Acq: 16 Jan 2019 13:27

Instrument :

MSVOA_X

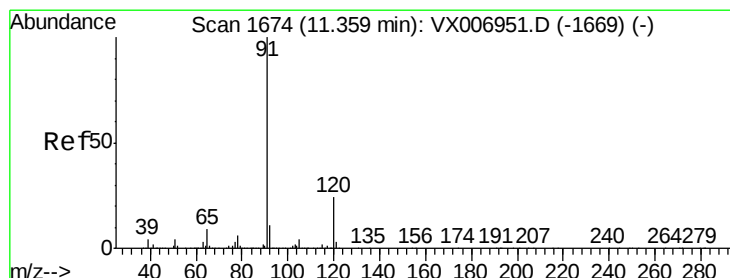
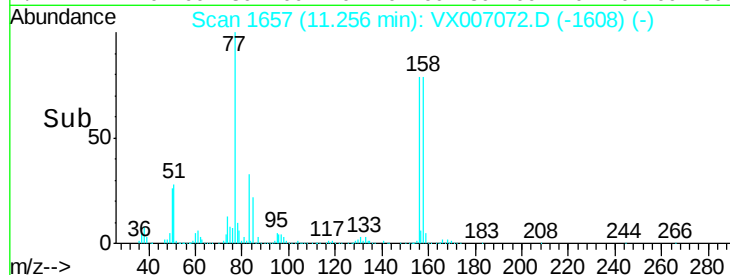
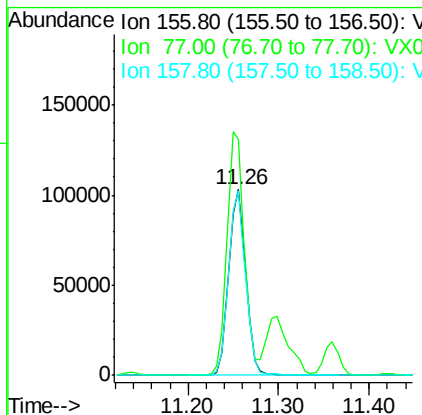
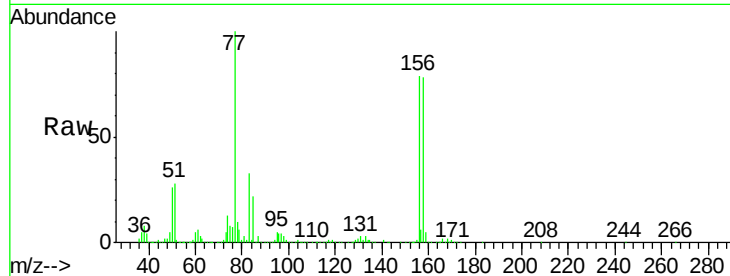
ClientSampleId :

VX0116WBSD01

Tot Ion:	156	Resp:	134566
Ion Ratio	Lower	Upper	
156	100		
77	134.4	68.0	204.0
158	98.7	48.3	144.8

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#78

n-propylbenzene

Concen: 20.329 ug/l

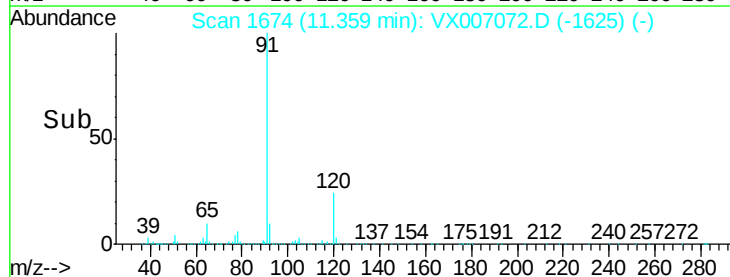
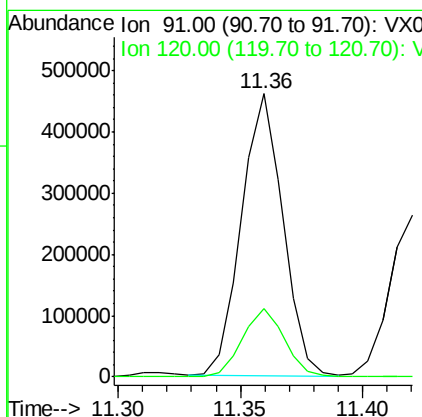
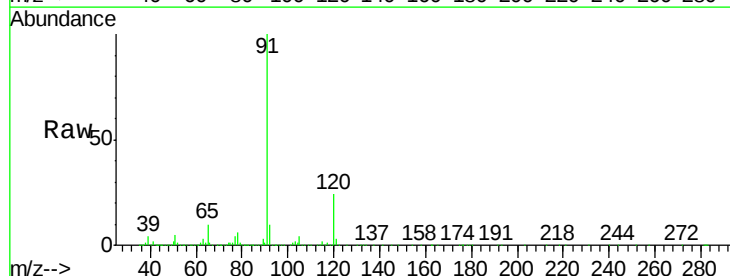
RT: 11.36 min Scan# 1674

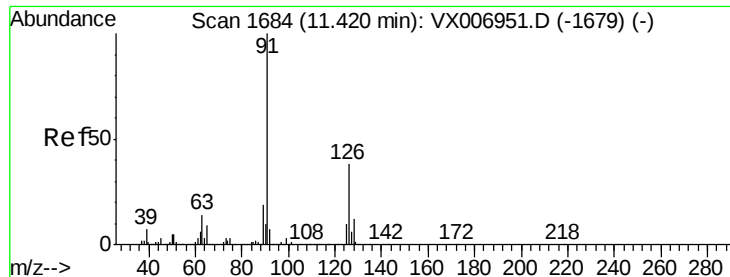
Delta R.T. 0.00 min

Lab File: VX007072.D

Acq: 16 Jan 2019 13:27

Tgt Ion:	91	Resp:	544502
Ion Ratio	Lower	Upper	
91	100		
120	24.5	12.7	38.0





#79

2-Chlorotoluene

Concen: 20.359 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. 0.00 min

Lab File: VX007072.D

Acq: 16 Jan 2019 13:27

Instrument :

MSVOA_X

ClientSampled :

VX0116WBSD01

Tot Ion: 91 Resp: 328255

Ion Ratio Lower Upper

91 100

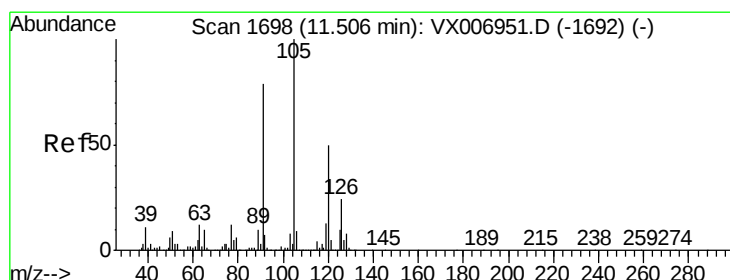
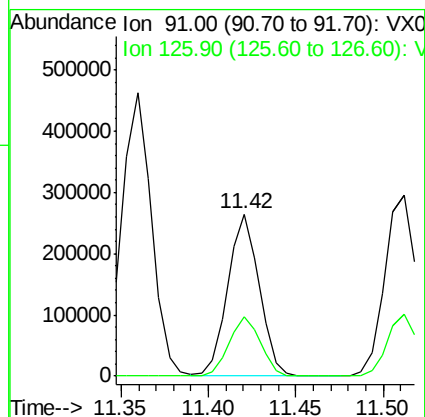
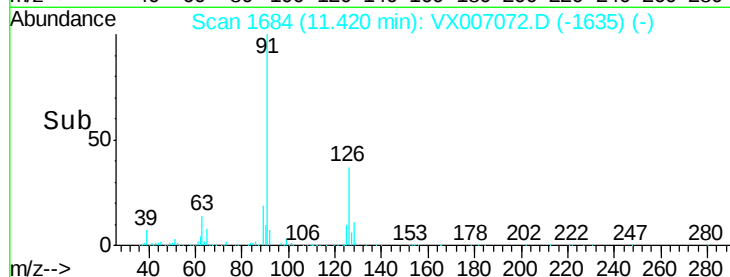
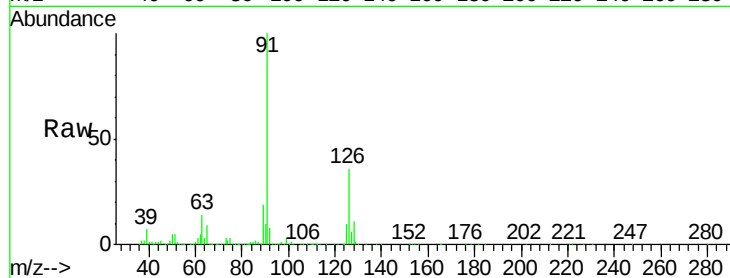
126 36.6 18.6 56.0

Manual Integrations

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#80

1,3,5-Trimethylbenzene

Concen: 20.068 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX007072.D

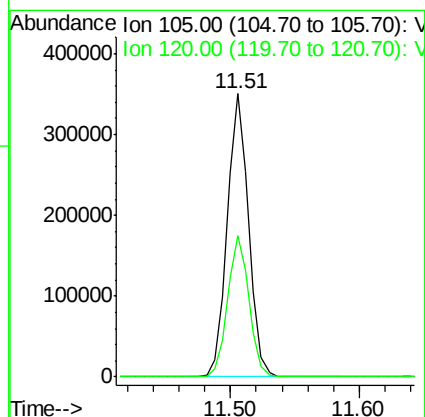
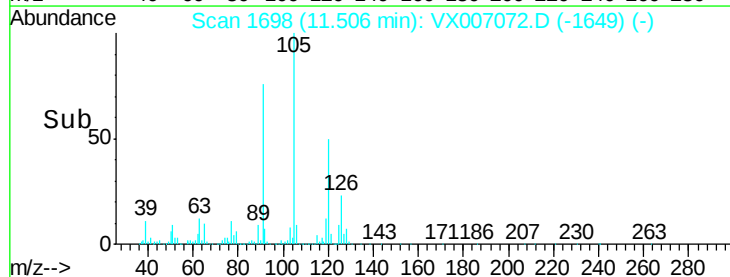
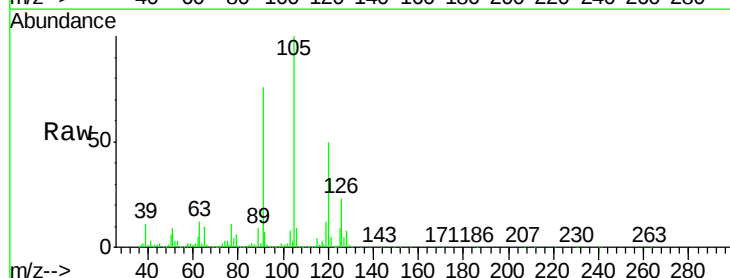
Acq: 16 Jan 2019 13:27

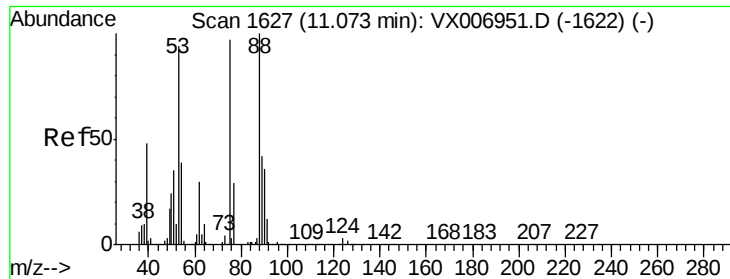
Tgt Ion: 105 Resp: 409131

Ion Ratio Lower Upper

105 100

120 50.3 25.1 75.3





#81

trans-1,4-Dichloro-2-butene

Concen: 18.148 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. 0.00 min

Lab File: VX007072.D

Acq: 16 Jan 2019 13:27

Instrument :

MSVOA_X

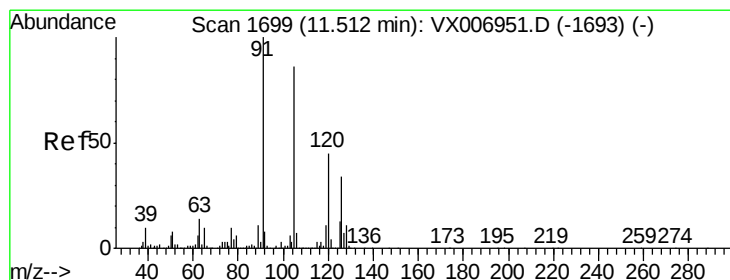
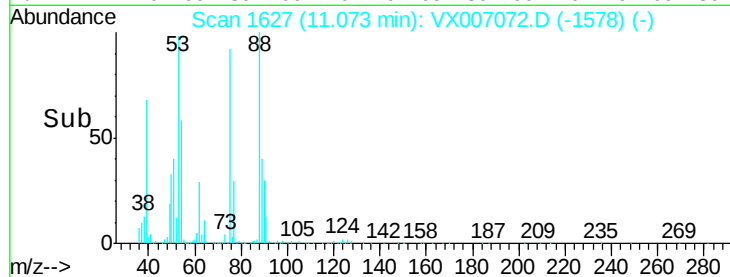
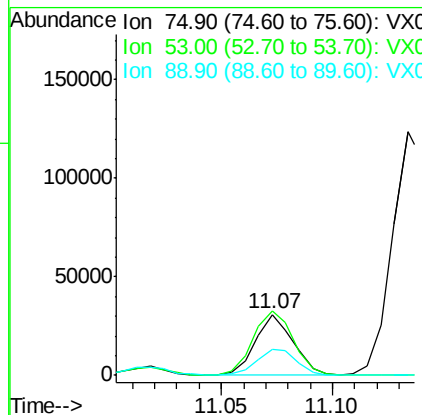
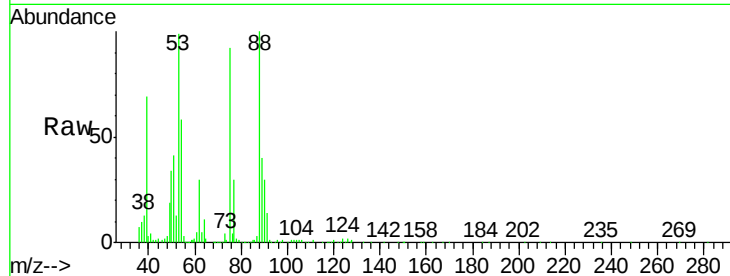
ClientSampleId :

VX0116WBSD01

Tot Ion:	75	Resp:	36110
Ion	Ratio	Lower	Upper
75	100		
53	114.8	79.7	119.5
89	46.5	38.0	57.0

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#82

4-Chlorotoluene

Concen: 20.106 ug/l

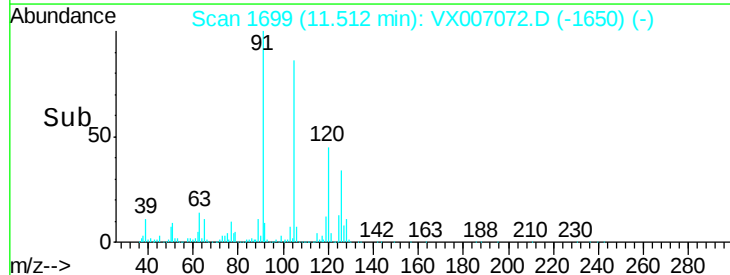
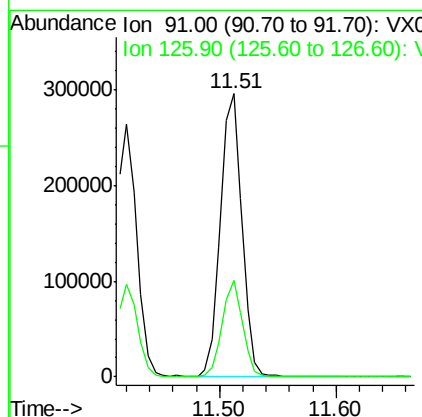
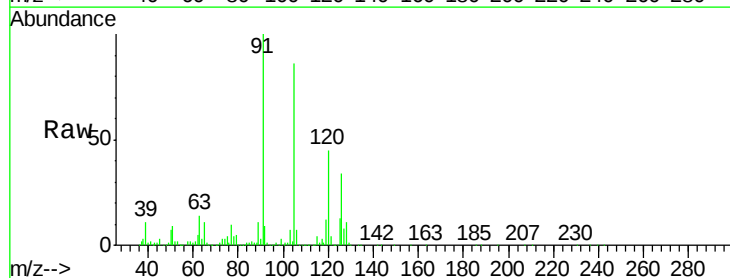
RT: 11.51 min Scan# 1699

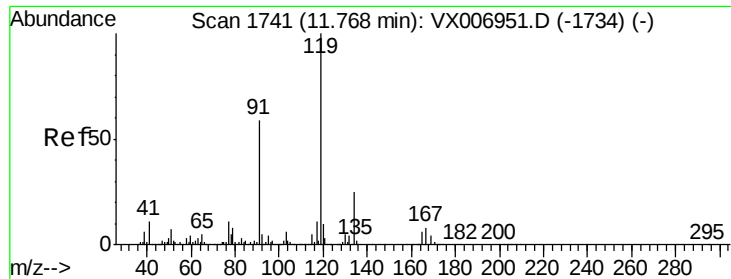
Delta R.T. 0.00 min

Lab File: VX007072.D

Acq: 16 Jan 2019 13:27

Tgt Ion:	91	Resp:	375339
Ion	Ratio	Lower	Upper
91	100		
126	32.5	16.3	48.9





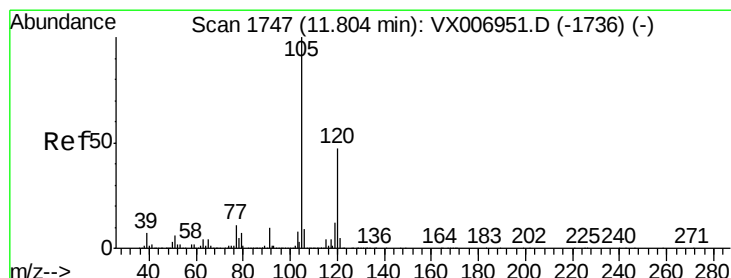
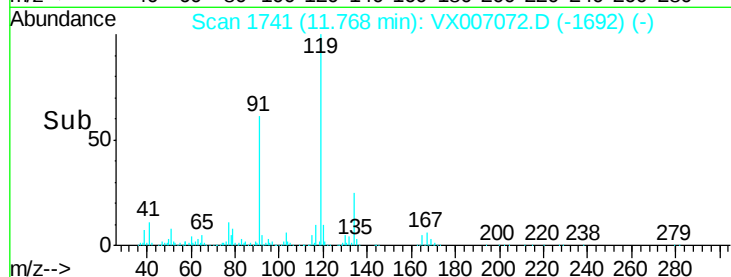
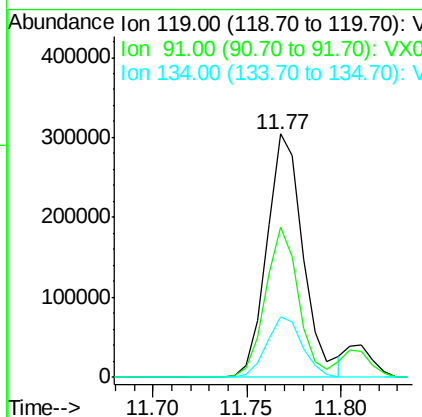
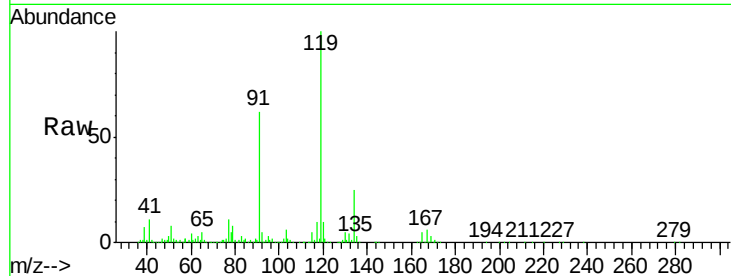
#83
 tert-Butylbenzene
 Concen: 20.003 ug/l
 RT: 11.77 min Scan# 1741
 Delta R.T. 0.00 min
 Lab File: VX007072.D
 Acq: 16 Jan 2019 13:27

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0116WBSD01

Tot Ion	Ratio	Lower	Upper
119	100		
91	55.9	27.7	83.1
134	24.3	11.9	35.5

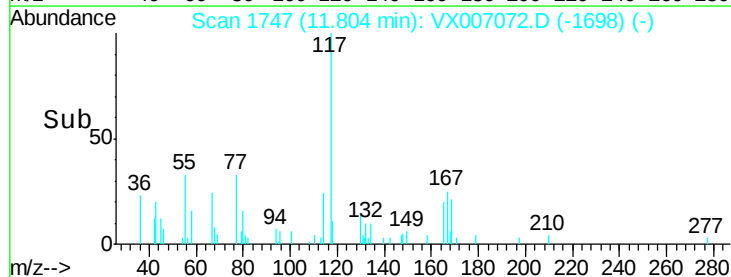
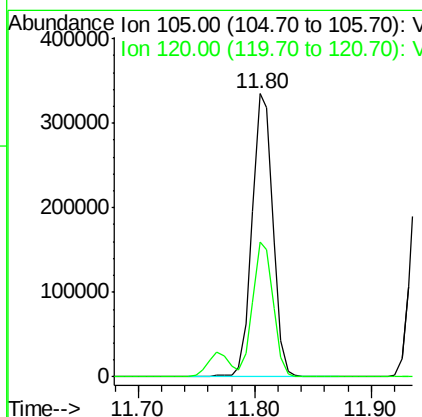
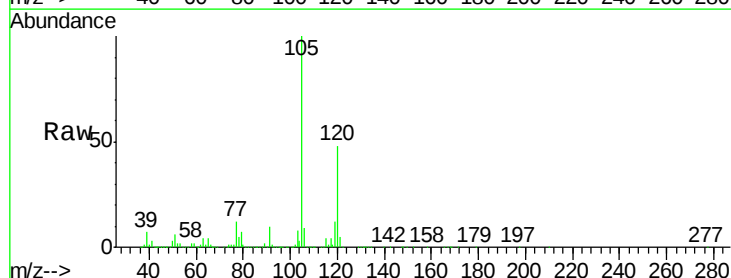
Manual Integrations
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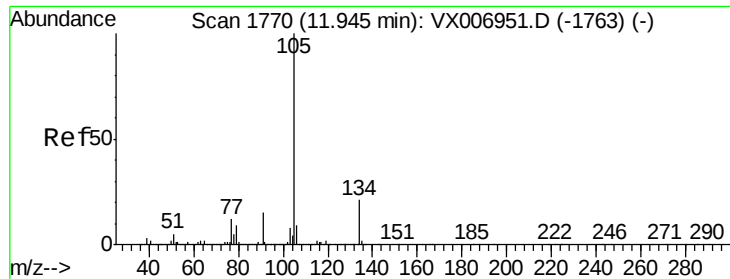
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#84
 1,2,4-Trimethylbenzene
 Concen: 20.460 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. 0.00 min
 Lab File: VX007072.D
 Acq: 16 Jan 2019 13:27

Tgt Ion	Ratio	Lower	Upper
105	100		
120	46.8	23.2	69.6





#85

sec-Butylbenzene

Concen: 20.221 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. 0.00 min

Lab File: VX007072.D

Acq: 16 Jan 2019 13:27

Instrument :

MSVOA_X

ClientSampleId :

VX0116WBSD01

Tot Ion:105 Resp: 491214

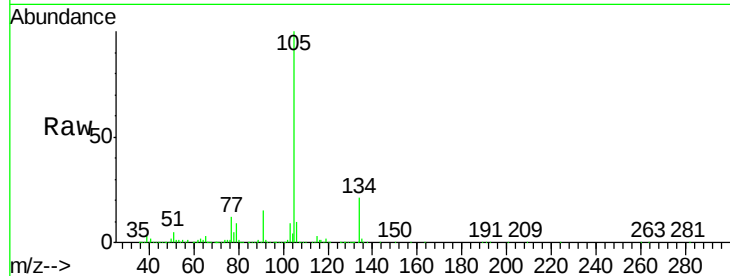
Ion Ratio Lower Upper

105 100

134 21.2 10.7 31.9

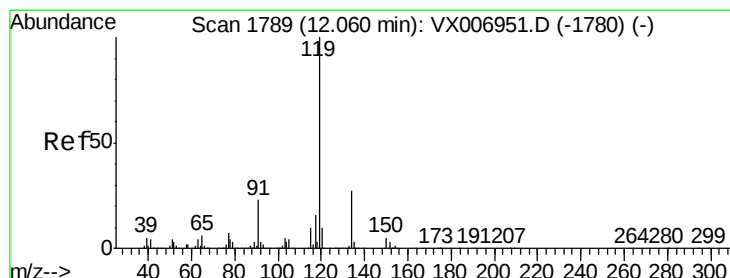
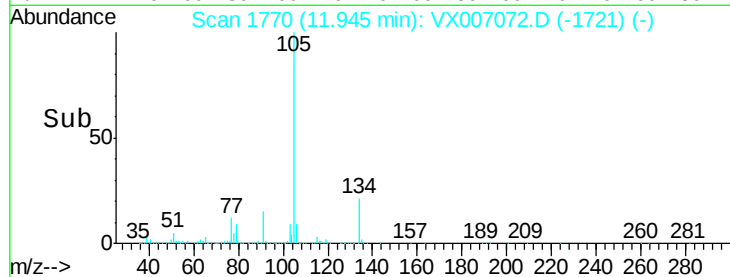
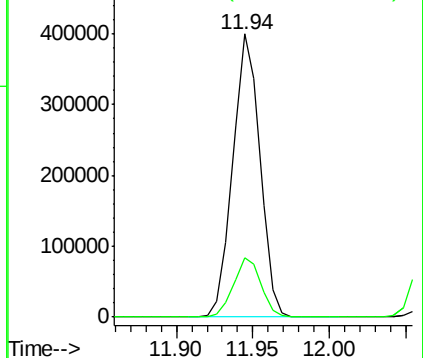
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 20.324 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. 0.00 min

Lab File: VX007072.D

Acq: 16 Jan 2019 13:27

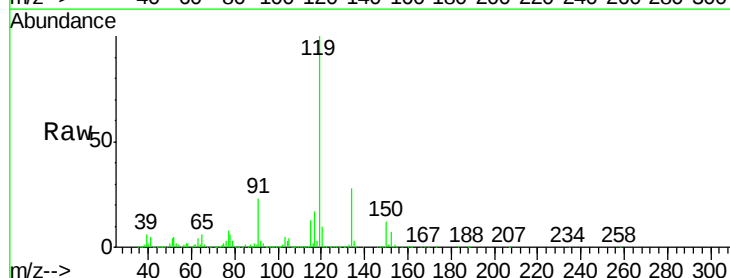
Tgt Ion:119 Resp: 441604

Ion Ratio Lower Upper

119 100

134 27.4 14.0 41.9

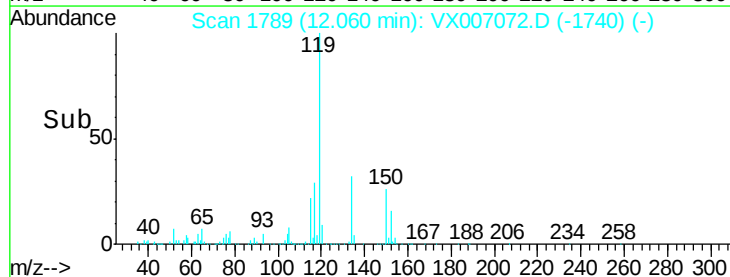
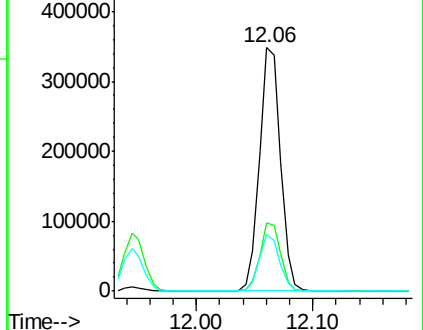
91 22.6 11.3 33.9

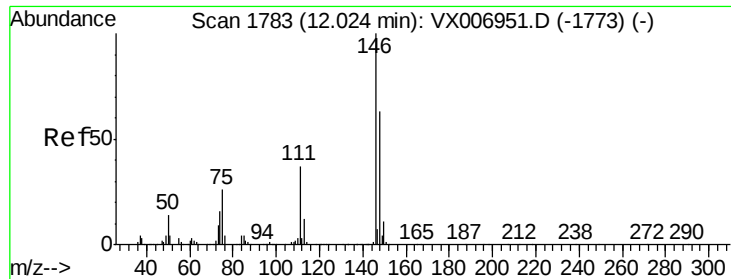


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0





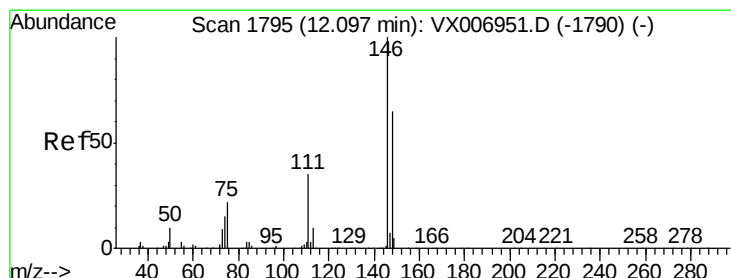
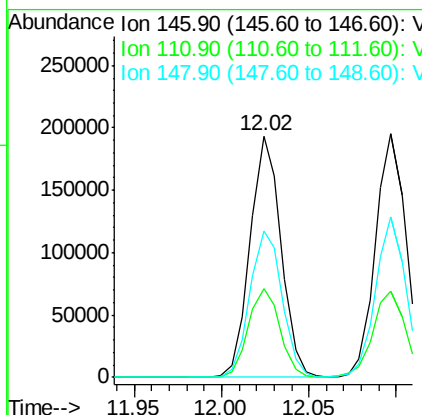
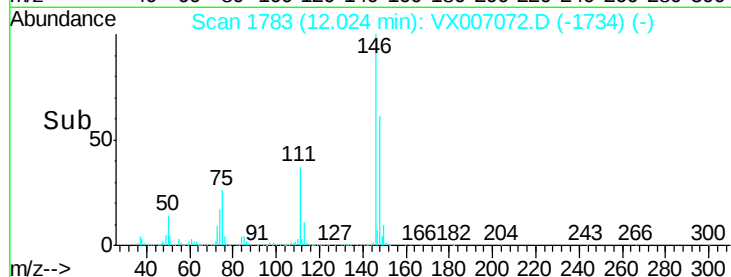
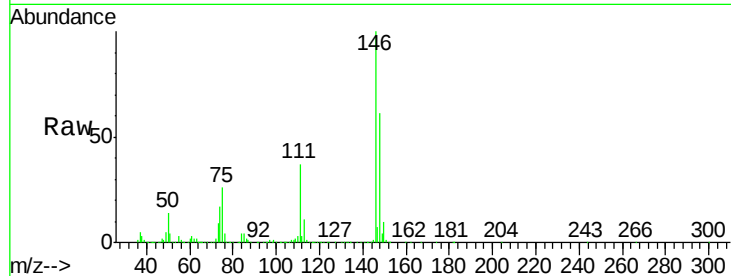
#87
 1,3-Dichlorobenzene
 Concen: 19.628 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. 0.00 min
 Lab File: VX007072.D
 Acq: 16 Jan 2019 13:27

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0116WBSD01

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.6	18.6	55.8
148	63.3	31.8	95.3

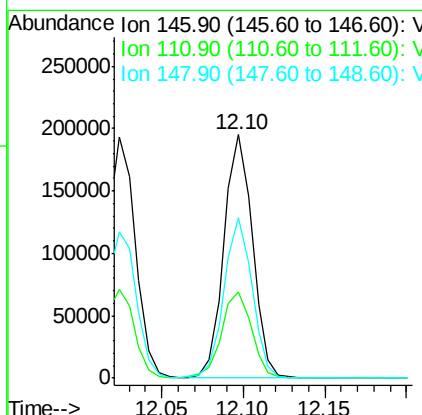
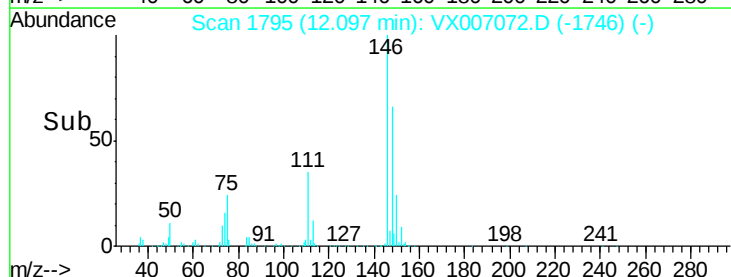
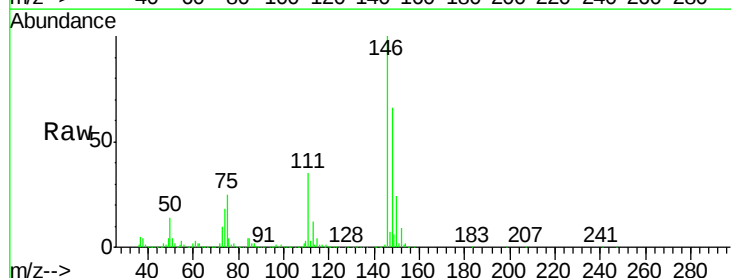
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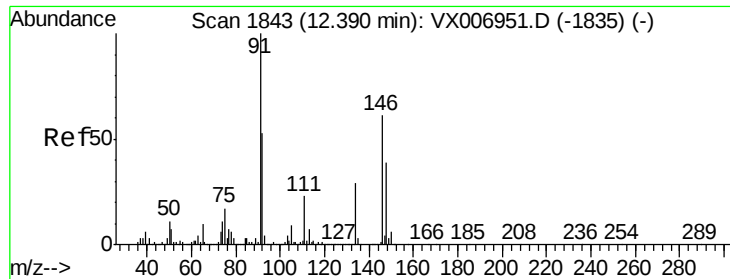
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#88
 1,4-Dichlorobenzene
 Concen: 20.750 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. 0.00 min
 Lab File: VX007072.D
 Acq: 16 Jan 2019 13:27

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.5	18.1	54.1
148	64.9	31.9	95.9





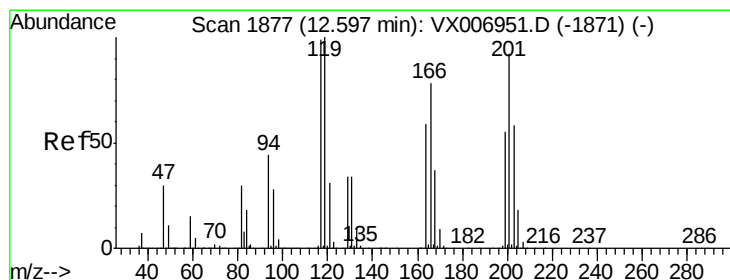
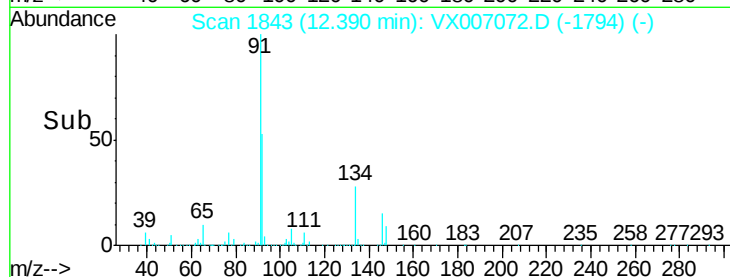
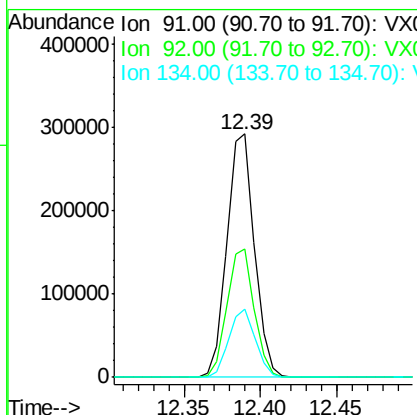
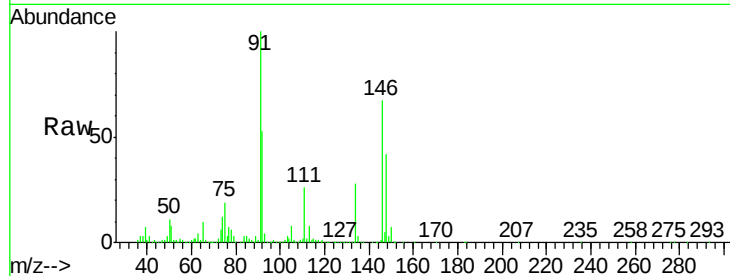
#89
n-Butylbenzene
Concen: 19.592 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. 0.00 min
Lab File: VX007072.D
Acq: 16 Jan 2019 13:27

Instrument :
MSVOA_X
ClientSampleId :
VX0116WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
91	100			
92	52.5	26.8	80.4	
134	27.4	14.4	43.2	

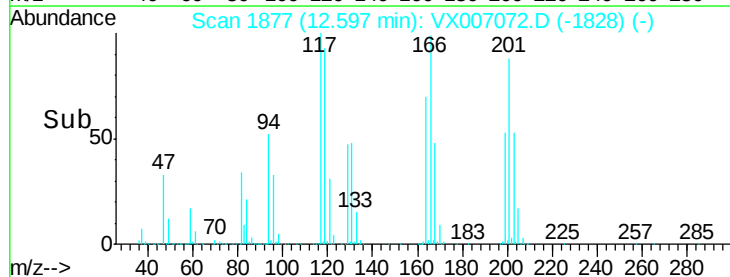
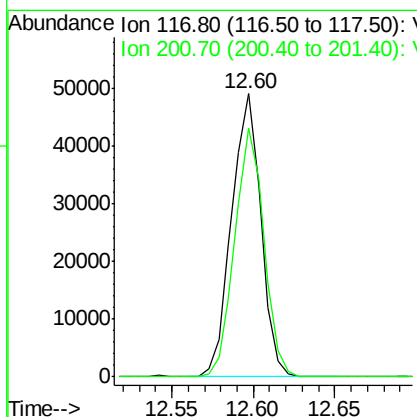
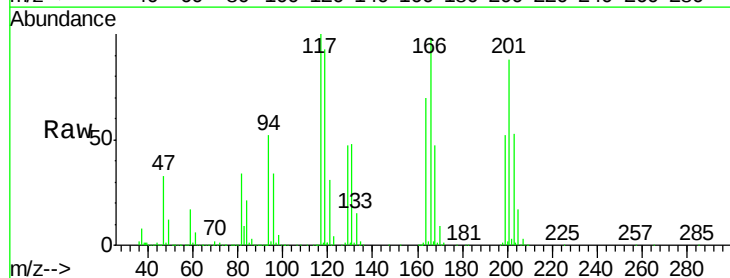
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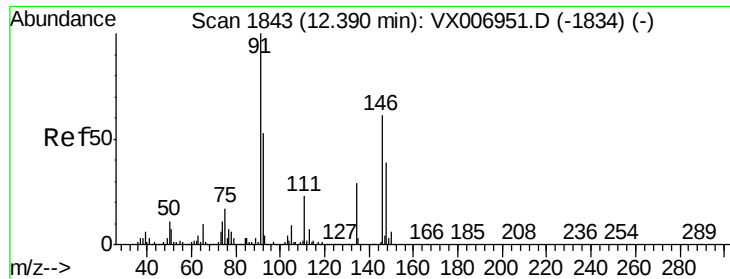
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#90
Hexachloroethane
Concen: 19.554 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. 0.00 min
Lab File: VX007072.D
Acq: 16 Jan 2019 13:27

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
201	87.8	42.9	128.7	





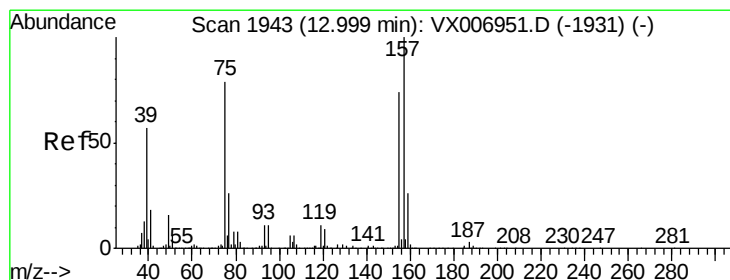
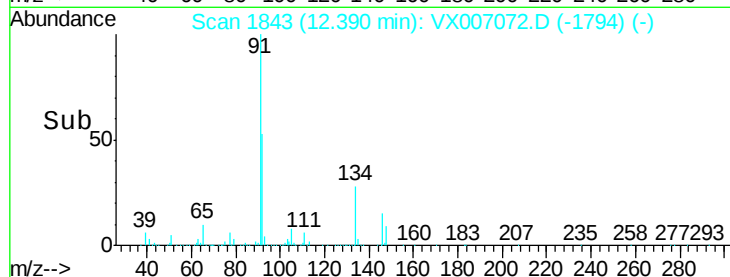
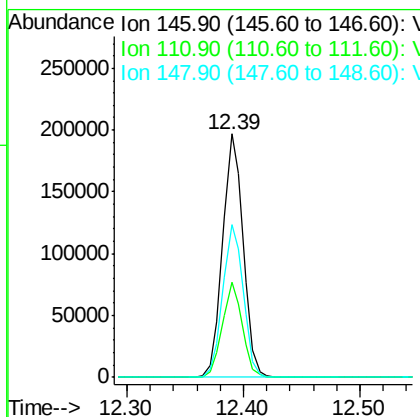
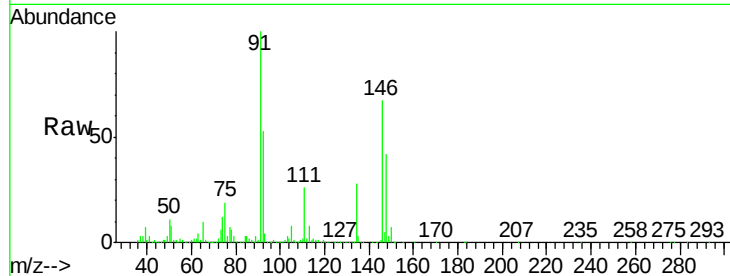
#91
 1,2-Dichlorobenzene
 Concen: 19.980 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. 0.00 min
 Lab File: VX007072.D
 Acq: 16 Jan 2019 13:27

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0116WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
146	100	239585		
111	37.9	19.4	58.2	
148	62.8	32.3	96.9	

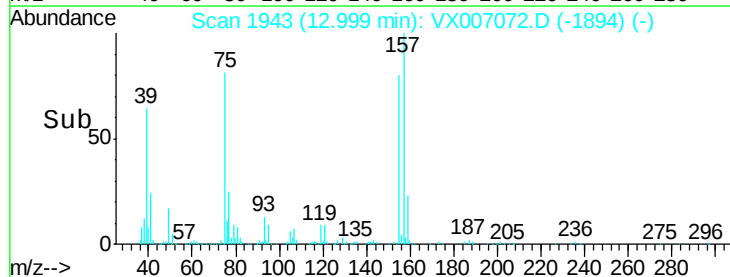
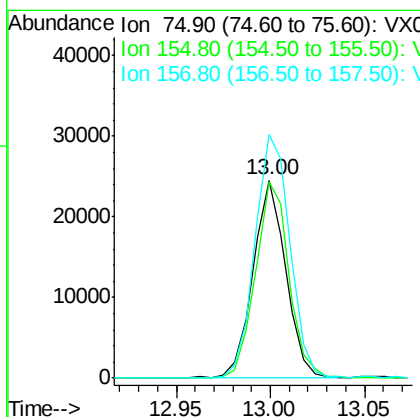
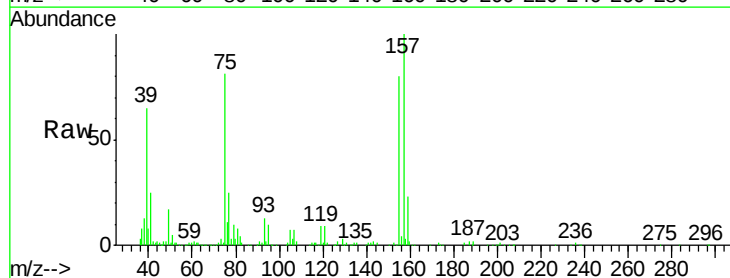
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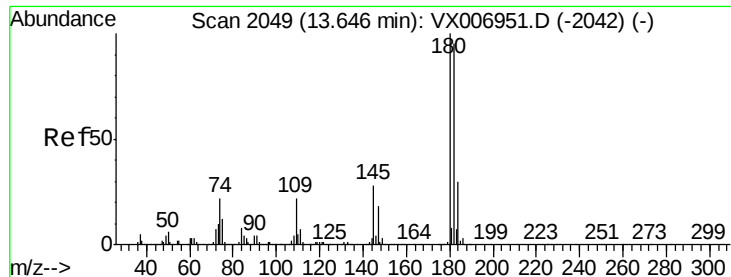
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 19.340 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VX007072.D
 Acq: 16 Jan 2019 13:27

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	29627		
155	101.4	50.6	151.8	
157	130.8	64.6	193.8	





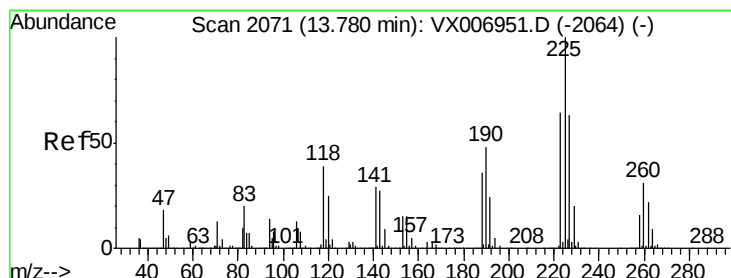
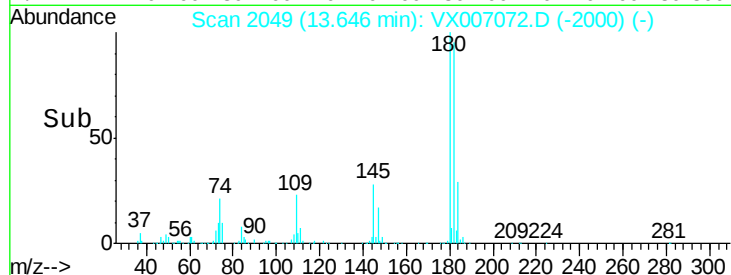
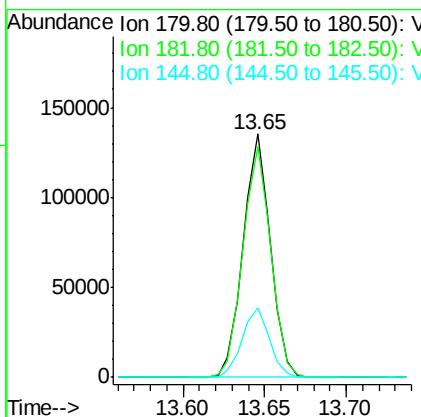
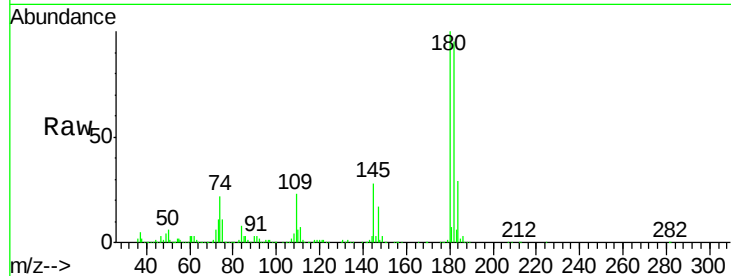
#93
 1,2,4-Trichlorobenzene
 Concen: 19.232 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. 0.00 min
 Lab File: VX007072.D
 Acq: 16 Jan 2019 13:27

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0116WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
180	100	158225		
182	96.9	47.3	142.0	
145	28.7	14.8	44.3	

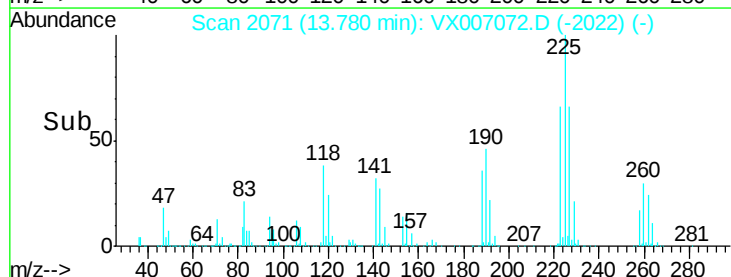
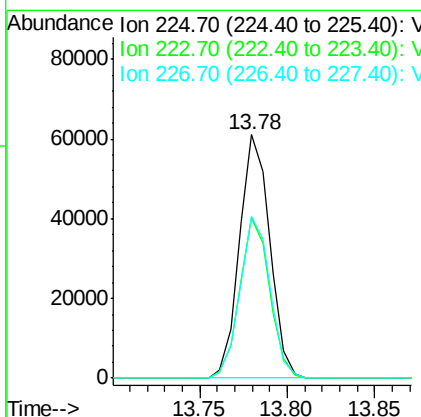
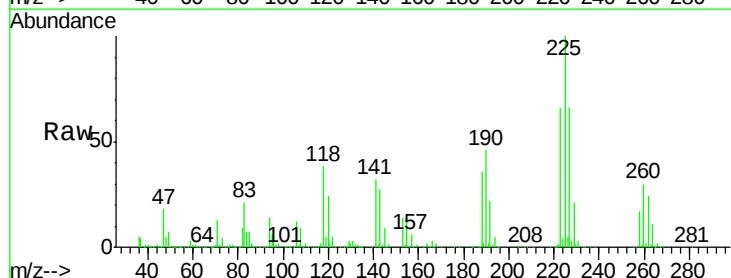
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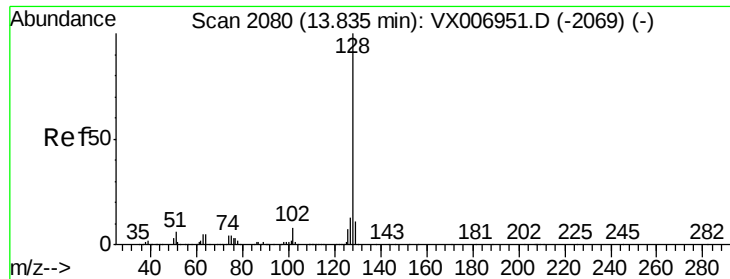
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#94
 Hexachlorobutadiene
 Concen: 20.148 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. 0.00 min
 Lab File: VX007072.D
 Acq: 16 Jan 2019 13:27

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	73557		
223	65.3	32.1	96.3	
227	65.9	32.3	96.8	





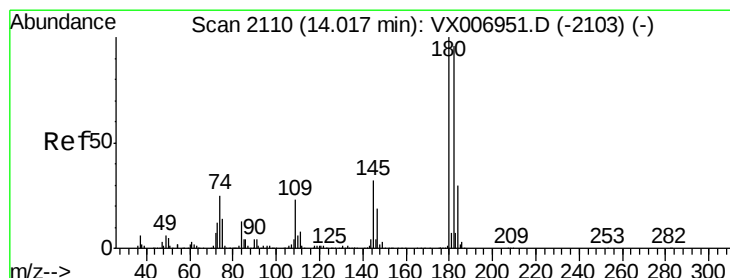
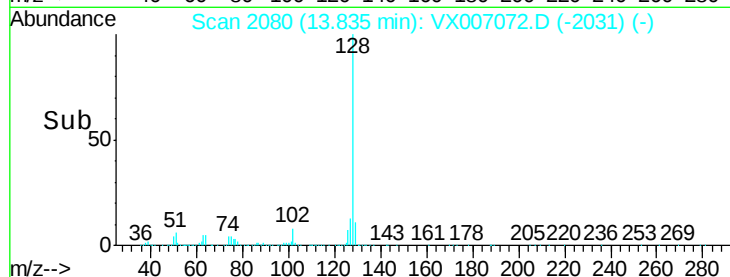
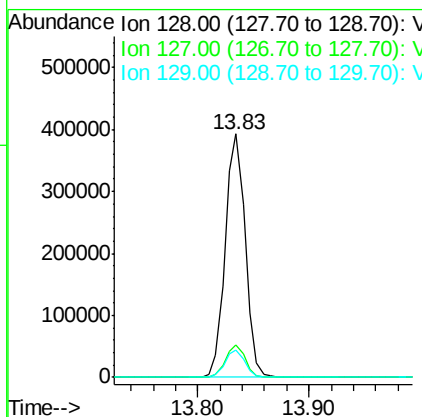
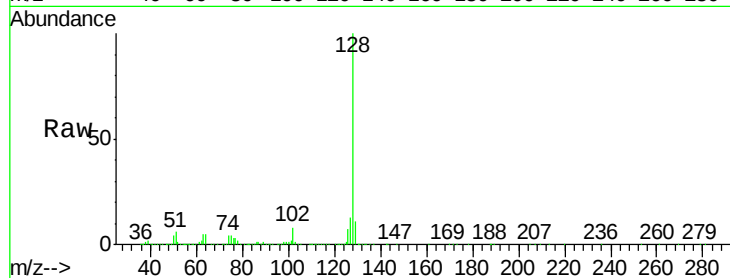
#95
Naphthalene
Concen: 19.555 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VX007072.D
Acq: 16 Jan 2019 13:27

Instrument :
MSVOA_X
ClientSampleId :
VX0116WBSD01

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.1	15.1
129	11.1	8.6	13.0

Manual Integrations
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#96
1,2,3-Trichlorobenzene
Concen: 19.182 ug/l
RT: 14.02 min Scan# 2110
Delta R.T. 0.00 min
Lab File: VX007072.D
Acq: 16 Jan 2019 13:27

Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.8	48.5	145.5
145	31.3	16.0	47.9

