

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX011719\
 Data File : VX007106.D
 Acq On : 17 Jan 2019 23:49
 Operator : JC/SP
 Sample : VX0117WBSD02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0117WBSD02

Manual Integrations
 APPROVED

MMDadoda
 1/18/2019 10:23:00 AM

Quant Time: Jan 18 07:08:12 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	510702	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	767792	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	684990	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	342673	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	278794	52.24	ug/l	0.00
Spiked Amount			Recovery	=	104.48%	
35) Dibromofluoromethane	5.50	113	247585	50.35	ug/l	0.00
Spiked Amount			Recovery	=	100.70%	
50) Toluene-d8	8.71	98	913465	50.76	ug/l	0.00
Spiked Amount			Recovery	=	101.52%	
62) 4-Bromofluorobenzene	11.13	95	318725	50.80	ug/l	0.00
Spiked Amount			Recovery	=	101.60%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	81773	19.498	ug/l	99
3) Chloromethane	1.33	50	92698	18.987	ug/l	94
4) Vinyl Chloride	1.41	62	103577	19.722	ug/l	96
5) Bromomethane	1.64	94	105742	18.845	ug/l	100
6) Chloroethane	1.72	64	67741	18.473	ug/l	96
7) Trichlorofluoromethane	1.93	101	167874	19.783	ug/l	95
8) Diethyl Ether	2.19	74	66942	19.829	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.39	101	97335	19.159	ug/l	99
10) Methyl Iodide	2.51	142	138421	20.199	ug/l	99
11) Tert butyl alcohol	3.07	59	137078	108.876	ug/l	99
12) 1,1-Dichloroethene	2.38	96	90177	19.212	ug/l	95
13) Acrolein	2.29	56	72347	134.677	ug/l	99
14) Allyl chloride	2.73	41	155525	19.334	ug/l	98
15) Acrylonitrile	3.15	53	307090	106.250	ug/l	99
16) Acetone	2.45	43	266200	100.888	ug/l	99
17) Carbon Disulfide	2.57	76	200295	16.575	ug/l	99
18) Methyl Acetate	2.78	43	167171	21.878	ug/l	97
19) Methyl tert-butyl Ether	3.20	73	337983	20.746	ug/l	98
20) Methylene Chloride	2.86	84	105996	20.790	ug/l	98
21) trans-1,2-Dichloroethene	3.17	96	99320	18.988	ug/l	97
22) Diisopropyl ether	3.87	45	304125	20.110	ug/l	97
23) Vinyl Acetate	3.82	43	1239290	97.172	ug/l	99
24) 1,1-Dichloroethane	3.70	63	167193	19.772	ug/l	98
25) 2-Butanone	4.70	43	392339	103.919	ug/l	99
26) 2,2-Dichloropropane	4.59	77	97450	14.986	ug/l	97
27) cis-1,2-Dichloroethene	4.60	96	111766	19.372	ug/l	99
28) Bromochloromethane	5.02	49	72809	19.652	ug/l	97
29) Tetrahydrofuran	5.15	42	254667	103.795	ug/l	97
30) Chloroform	5.21	83	178182	20.125	ug/l	98
31) Cyclohexane	5.57	56	140360	18.649	ug/l	96
32) 1,1,1-Trichloroethane	5.49	97	145579	19.399	ug/l	97
36) 1,1-Dichloropropene	5.80	75	126534	18.956	ug/l	99
37) Ethyl Acetate	4.85	43	146539	20.476	ug/l	98
38) Carbon Tetrachloride	5.79	117	125072	18.623	ug/l	93

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 Misc : 5.0mL/MSVOA X/WATER
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 ClientSampleID :
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Manual Integrations
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Quant Time: Jan 18 07:08:12 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)
39) Methylcyclohexane	7.46	83	149228	17.536	ug/l	98
40) Benzene	6.14	78	392973	19.293	ug/l	100
41) Methacrylonitrile	5.06	41	78711	19.092	ug/l	98
42) 1,2-Dichloroethane	6.20	62	136008	19.323	ug/l	99
43) Isopropyl Acetate	6.46	43	224159	19.857	ug/l	99
44) Trichloroethene	7.21	130	115971	19.000	ug/l	97
45) 1,2-Dichloropropane	7.51	63	101379	19.798	ug/l	93
46) Dibromomethane	7.66	93	70917	19.706	ug/l	97
47) Bromodichloromethane	7.90	83	119429	19.496	ug/l	98
48) Methyl methacrylate	7.77	41	115707	19.960	ug/l	97
49) 1,4-Dioxane	7.75	88	55509	414.267	ug/l	98
51) 4-Methyl-2-Pentanone	8.65	43	761318	104.942	ug/l	100
52) Toluene	8.79	92	249072	19.026	ug/l	95
53) t-1,3-Dichloropropene	9.04	75	122209	17.991	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	140151	18.683	ug/l	94
55) 1,1,2-Trichloroethane	9.21	97	108100	20.630	ug/l	99
56) Ethyl methacrylate	9.18	69	153149	20.020	ug/l	95
57) 1,3-Dichloropropane	9.37	76	173750	20.240	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	389364	98.995	ug/l	98
59) 2-Hexanone	9.49	43	572988	103.643	ug/l	99
60) Dibromochloromethane	9.59	129	101609	19.969	ug/l	98
61) 1,2-Dibromoethane	9.67	107	113636	19.699	ug/l	100
64) Tetrachloroethene	9.34	164	118242	19.938	ug/l	97
65) Chlorobenzene	10.14	112	292081	19.550	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.22	131	101359	20.168	ug/l	99
67) Ethyl Benzene	10.25	91	469284	19.027	ug/l	100
68) m/p-Xylenes	10.36	106	368686	37.941	ug/l	98
69) o-Xylene	10.70	106	184711	19.491	ug/l	99
70) Styrene	10.71	104	290251	19.338	ug/l	99
71) Bromoform	10.85	173	72175	19.261	ug/l	99
73) Isopropylbenzene	11.02	105	483223	19.998	ug/l	99
74) N-amyl acetate	10.90	43	194342	19.976	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	159803	20.832	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	146257m	21.062	ug/l	
77) Bromobenzene	11.26	156	130133	19.546	ug/l	98
78) n-propylbenzene	11.36	91	533640	20.118	ug/l	99
79) 2-Chlorotoluene	11.42	91	316470	19.819	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	398999	19.762	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	34121	17.489	ug/l	90
82) 4-Chlorotoluene	11.51	91	361727	19.566	ug/l	100
83) tert-Butylbenzene	11.77	119	395958	19.656	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	409936	20.191	ug/l	99
85) sec-Butylbenzene	11.94	105	475734	19.775	ug/l	100
86) p-Isopropyltoluene	12.06	119	426696	19.829	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	233625	19.414	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	234709	20.670	ug/l	99
89) n-Butylbenzene	12.39	91	351673	19.171	ug/l	98
90) Hexachloroethane	12.60	117	61569	19.788	ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	234175	19.719	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	30889	20.360	ug/l	97

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Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 32 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0117WBSD02

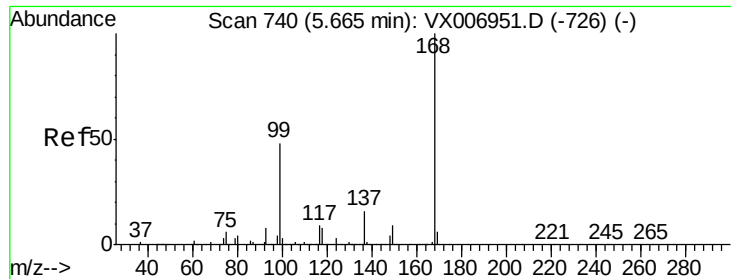
Manual Integrations
APPROVED

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1/18/2019 10:23:00 AM

Quant Time: Jan 18 07:08:12 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X010819W.M
Quant Title : SW846 8260
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	154399	18.950	ug/l	99
94) Hexachlorobutadiene	13.78	225	73107	20.220	ug/l	99
95) Naphthalene	13.83	128	496143	20.096	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	158254	19.553	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.00 min

Lab File: VX007106.D

Acq: 17 Jan 2019 23:49

Instrument :

MSVOA_X

ClientSampleId :

VX0117WBSD02

Tot Ion:168 Resp: 510702

Ion Ratio Lower Upper

168 100

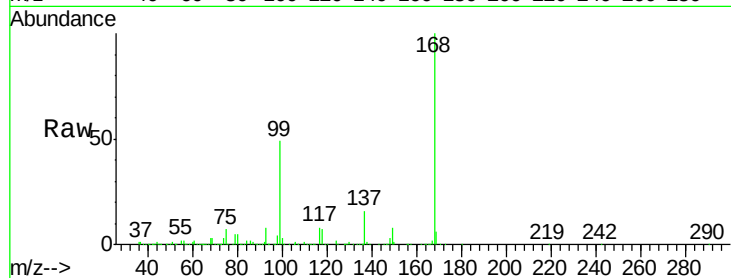
99 48.4 41.8 62.8

Manual Integrations

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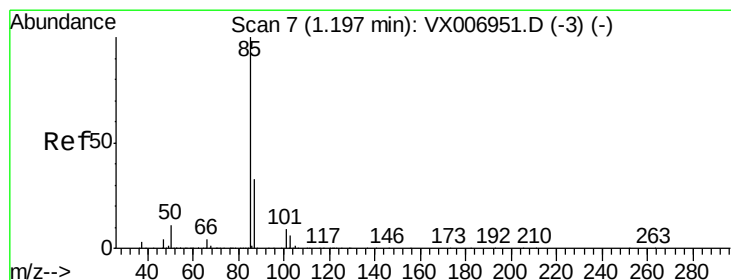
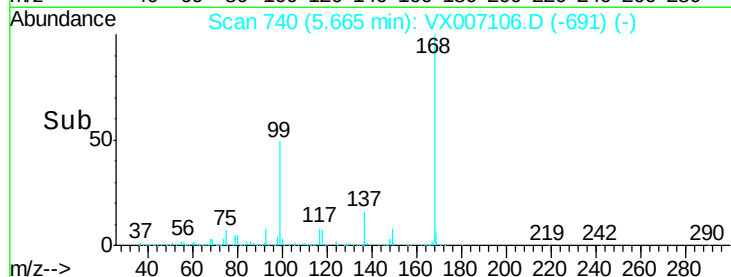
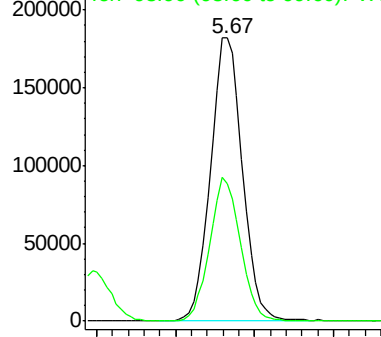
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 19.498 ug/l

RT: 1.20 min Scan# 7

Delta R.T. 0.00 min

Lab File: VX007106.D

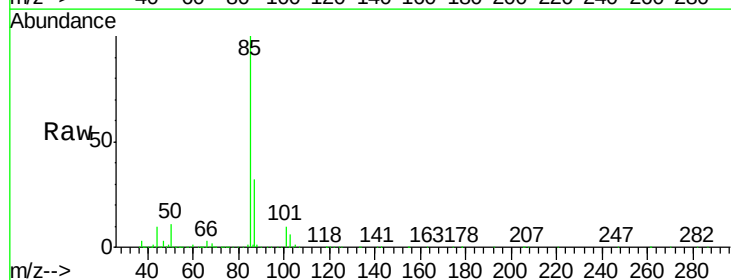
Acq: 17 Jan 2019 23:49

Tgt Ion: 85 Resp: 81773

Ion Ratio Lower Upper

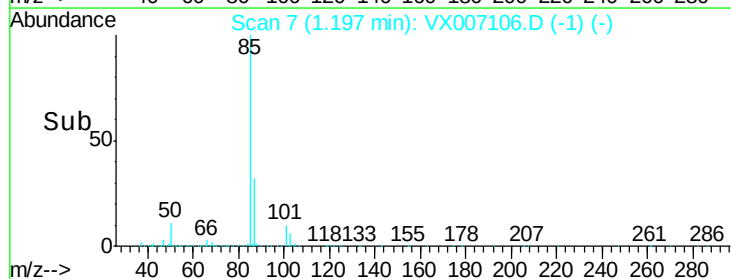
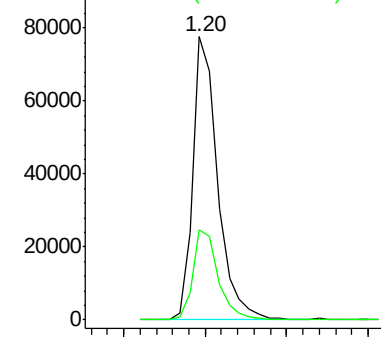
85 100

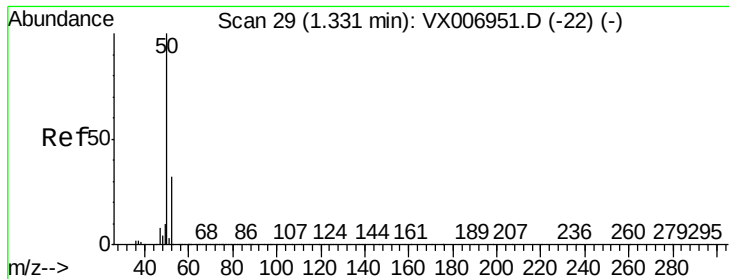
87 32.1 15.9 47.6



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 18.987 ug/l

RT: 1.33 min Scan# 29

Delta R.T. 0.00 min

Lab File: VX007106.D

Acq: 17 Jan 2019 23:49

Instrument :

MSVOA_X

ClientSampleId :

VX0117WBSD02

Tot Ion: 50 Resp: 92698

Ion Ratio Lower Upper

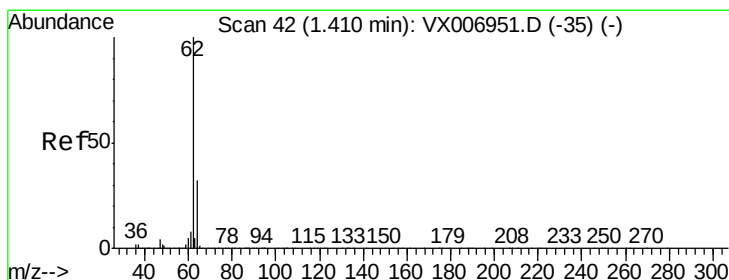
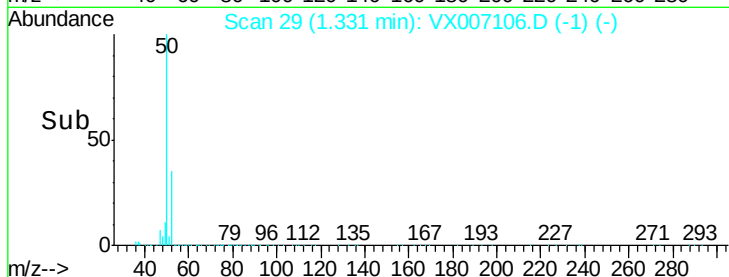
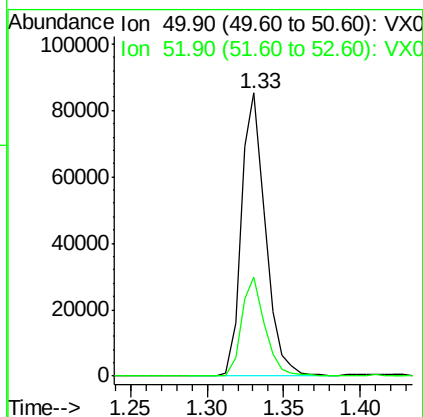
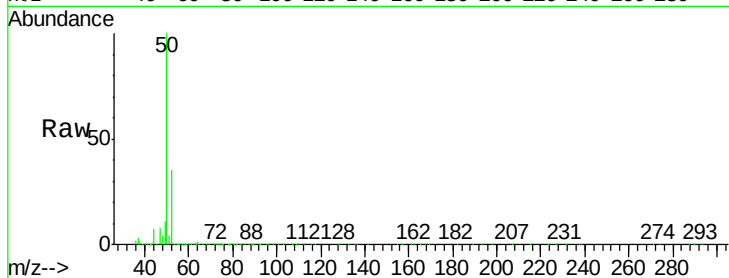
50 100

52 35.1 25.4 38.2

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#4

Vinyl Chloride

Concen: 19.722 ug/l

RT: 1.41 min Scan# 42

Delta R.T. 0.00 min

Lab File: VX007106.D

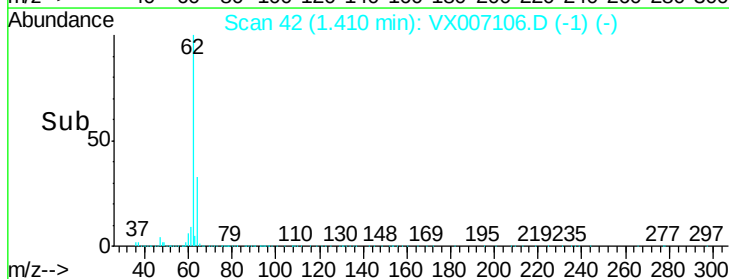
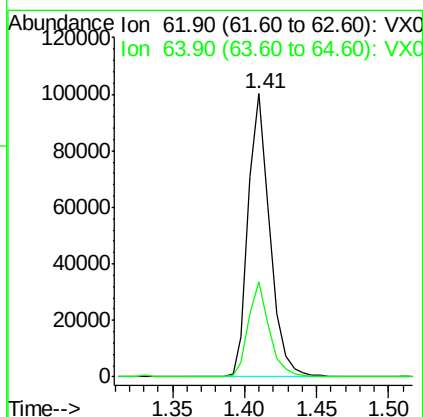
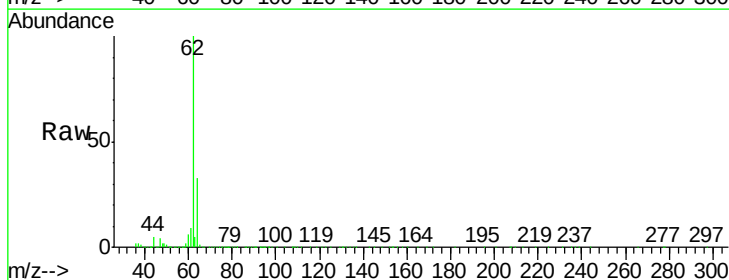
Acq: 17 Jan 2019 23:49

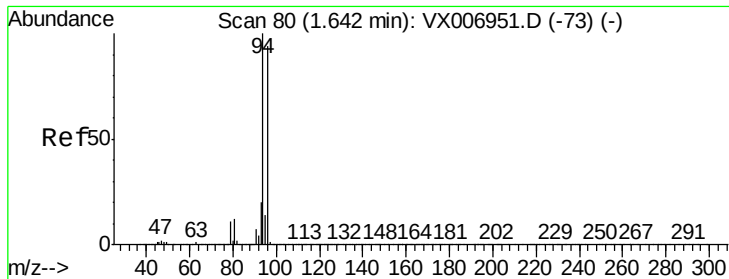
Tgt Ion: 62 Resp: 103577

Ion Ratio Lower Upper

62 100

64 33.3 25.1 37.7





#5

Bromomethane

Concen: 18.845 ug/l

RT: 1.64 min Scan# 80

Delta R.T. 0.00 min

Lab File: VX007106.D

Acq: 17 Jan 2019 23:49

Instrument :

MSVOA_X

ClientSampleId :

VX0117WBSD02

Tot Ion: 94 Resp: 105742

Ion Ratio Lower Upper

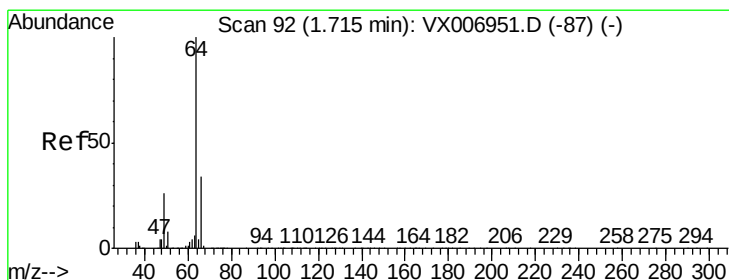
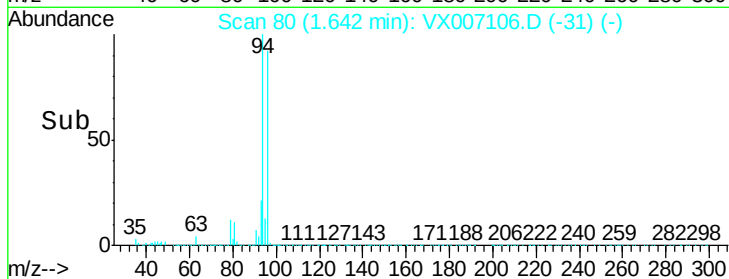
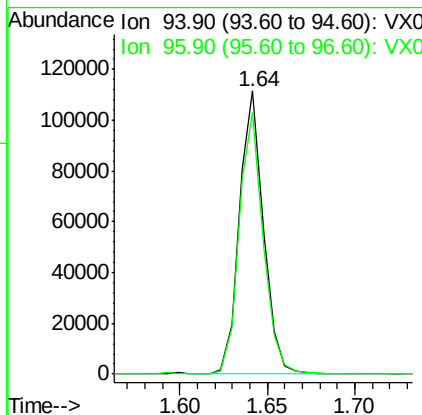
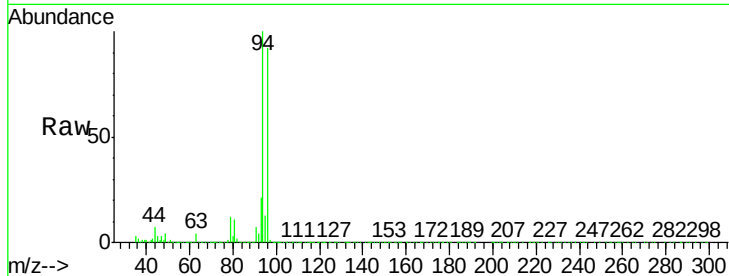
94 100

96 92.1 73.4 110.2

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#6

Chloroethane

Concen: 18.473 ug/l

RT: 1.72 min Scan# 93

Delta R.T. 0.01 min

Lab File: VX007106.D

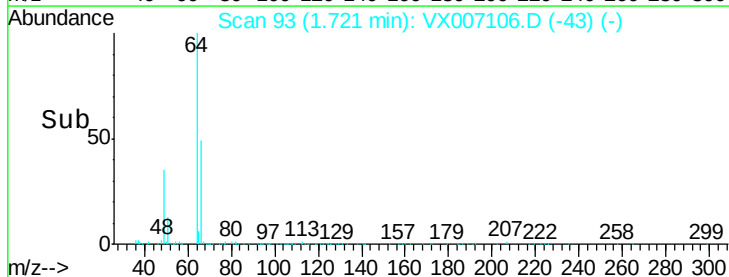
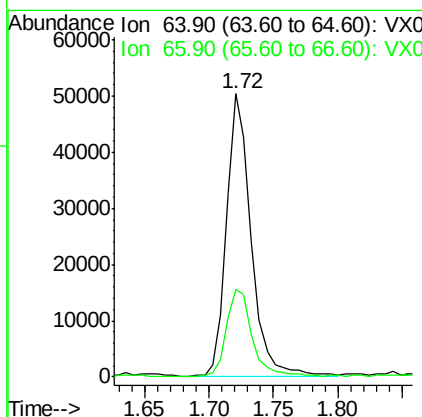
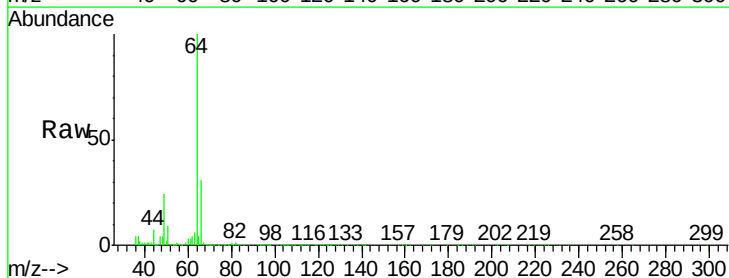
Acq: 17 Jan 2019 23:49

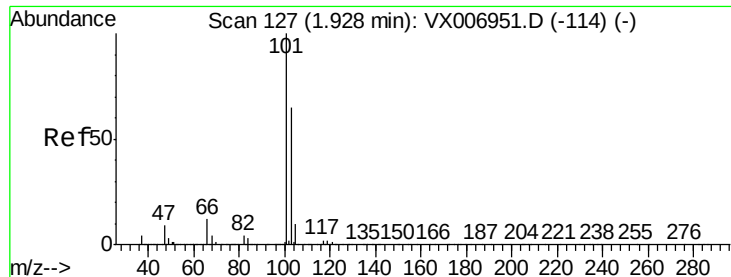
Tgt Ion: 64 Resp: 67741

Ion Ratio Lower Upper

64 100

66 30.8 26.4 39.6





#7

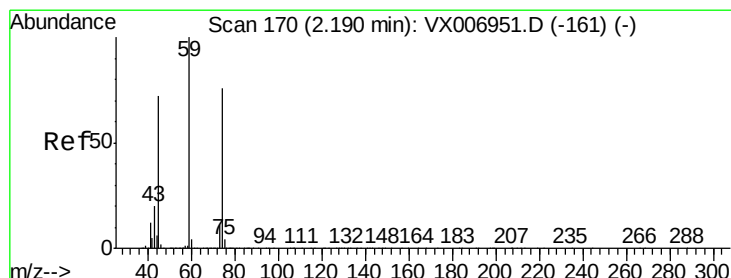
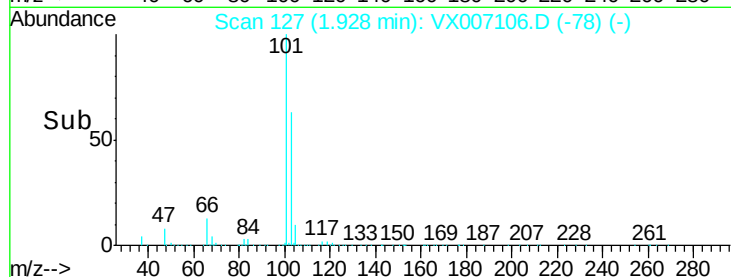
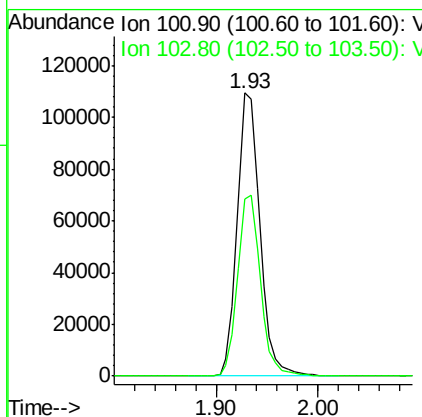
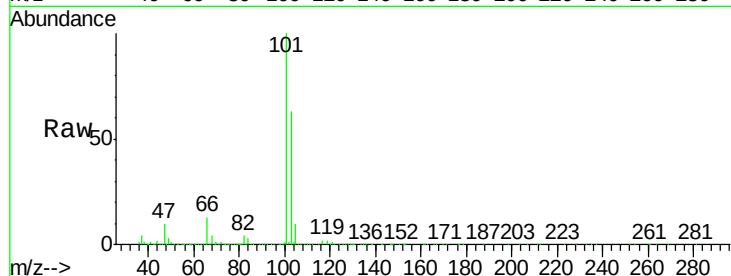
Trichlorofluoromethane
Concen: 19.783 ug/l
RT: 1.93 min Scan# 127
Delta R.T. 0.00 min
Lab File: VX007106.D
Acq: 17 Jan 2019 23:49

Instrument :
MSVOA_X
ClientSampleId :
VX0117WBSD02

Tot Ion	Ratio	Lower	Upper
101	100		
103	62.8	53.2	79.8

Manual Integrations
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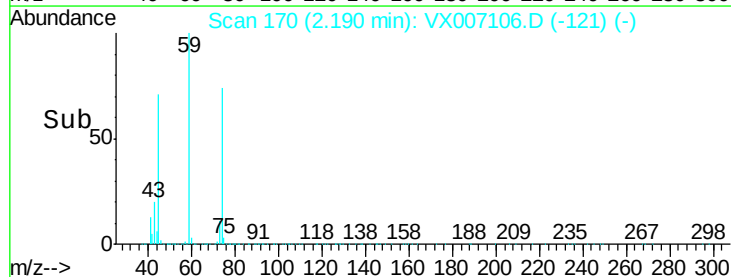
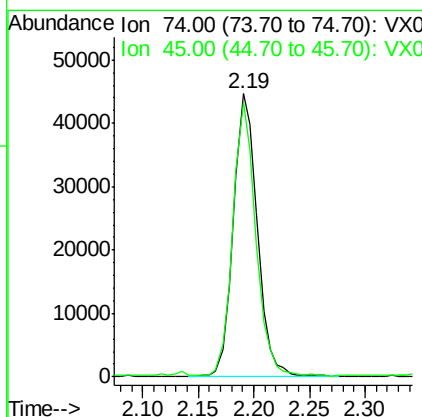
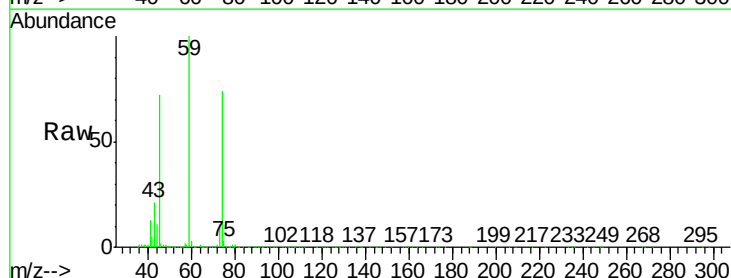
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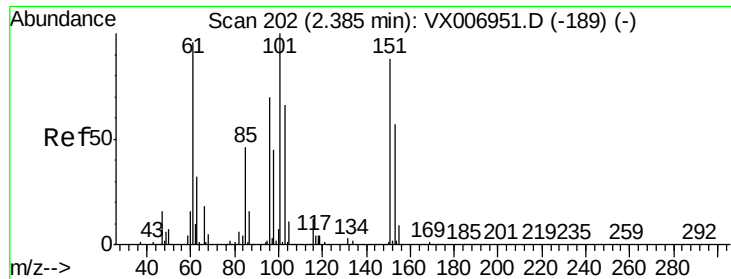


#8

Diethyl Ether
Concen: 19.829 ug/l
RT: 2.19 min Scan# 170
Delta R.T. 0.00 min
Lab File: VX007106.D
Acq: 17 Jan 2019 23:49

Tgt Ion	Ratio	Lower	Upper
74	100		
45	92.5	46.3	138.9





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.159 ug/l

RT: 2.39 min Scan# 202

Delta R.T. 0.00 min

Lab File: VX007106.D

Acq: 17 Jan 2019 23:49

Instrument :

MSVOA_X

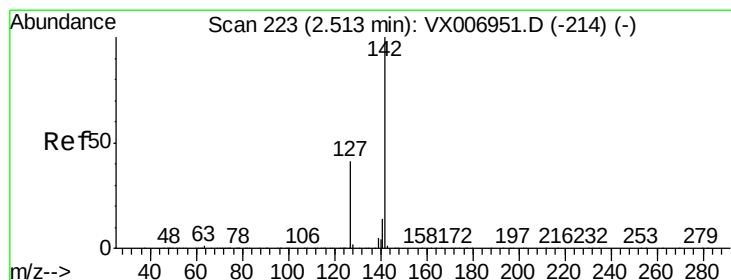
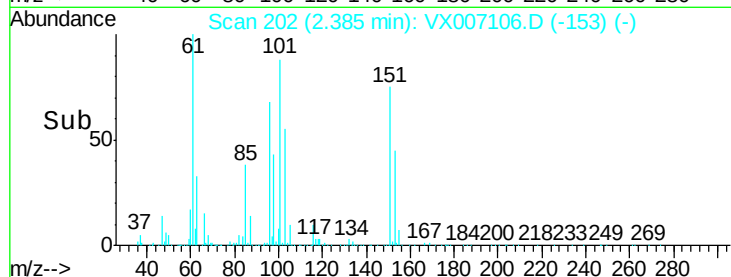
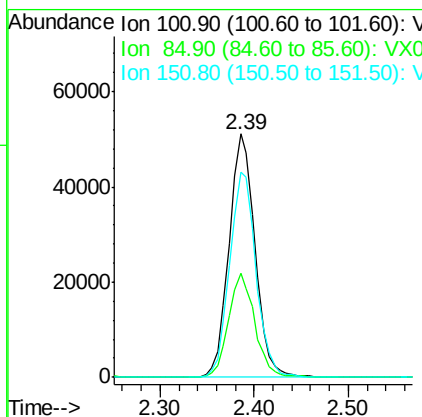
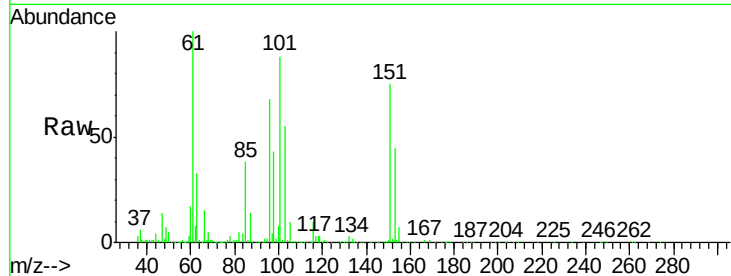
ClientSampleId :

VX0117WBSD02

Tot Ion:	101	Resp:	97335
Ion Ratio	Lower	Upper	
101	100		
85	43.3	35.1	52.7
151	86.5	68.9	103.3

Manual Integrations
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#10

Methyl Iodide

Concen: 20.199 ug/l

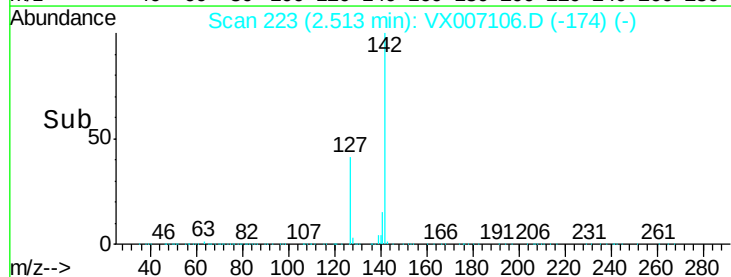
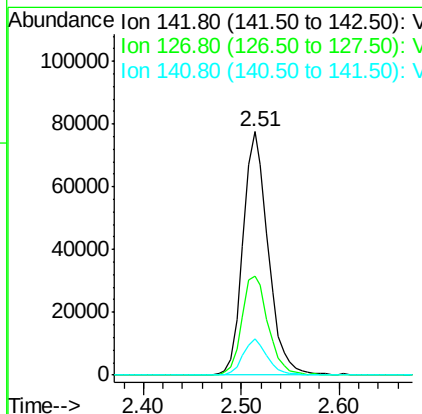
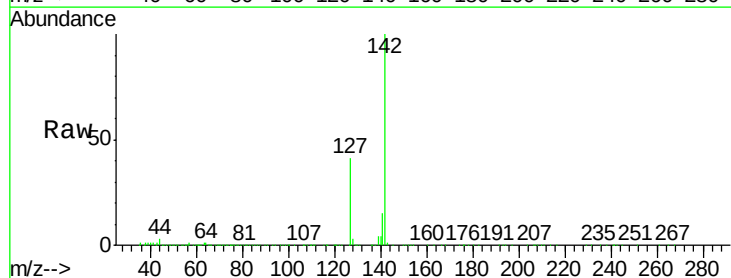
RT: 2.51 min Scan# 223

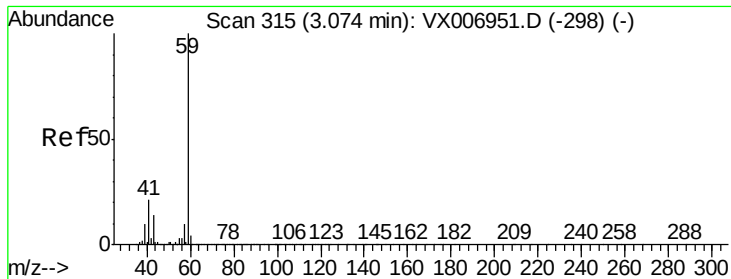
Delta R.T. 0.00 min

Lab File: VX007106.D

Acq: 17 Jan 2019 23:49

Tgt Ion:	142	Resp:	138421
Ion Ratio	Lower	Upper	
142	100		
127	42.9	33.9	50.9
141	14.7	11.4	17.0





#11

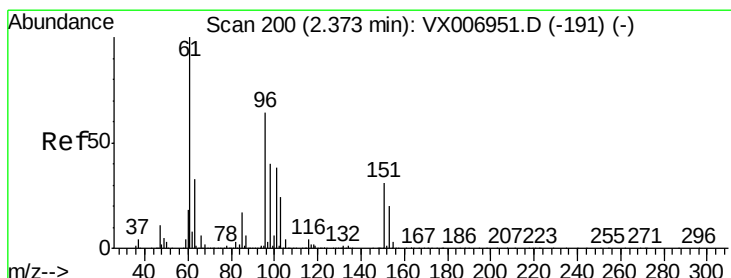
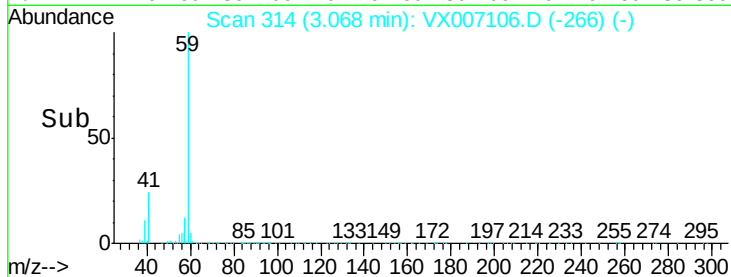
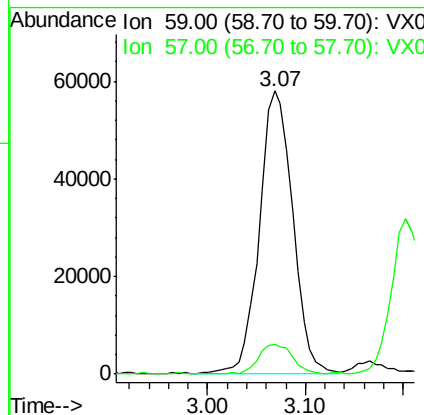
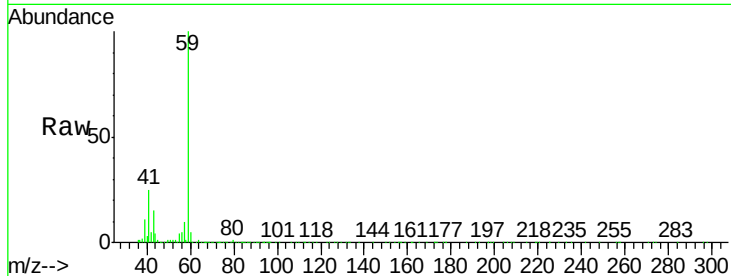
Tert butyl alcohol
Concen: 108.876 ug/l
RT: 3.07 min Scan# 314
Delta R.T. -0.01 min
Lab File: VX007106.D
Acq: 17 Jan 2019 23:49

Instrument :
MSVOA_X
ClientSampleId :
VX0117WBSD02

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.9	8.5	12.7

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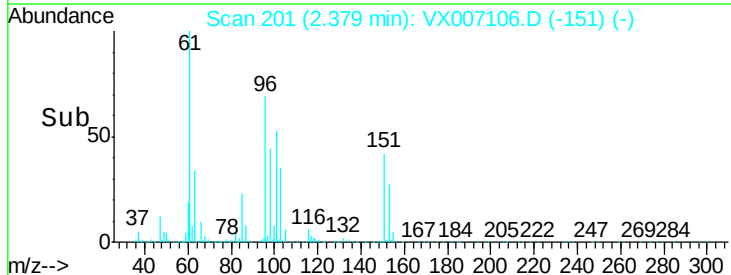
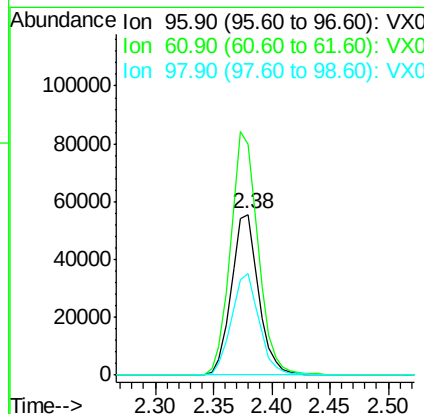
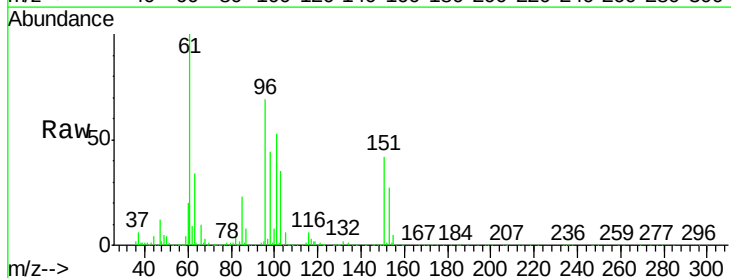
MMDadoda
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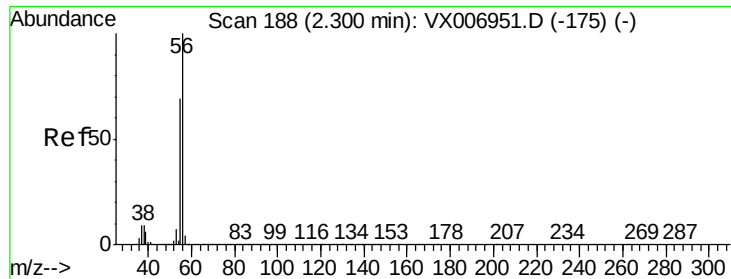


#12

1,1-Dichloroethene
Concen: 19.212 ug/l
RT: 2.38 min Scan# 201
Delta R.T. 0.01 min
Lab File: VX007106.D
Acq: 17 Jan 2019 23:49

Tgt Ion	Ratio	Lower	Upper
96	100		
61	144.2	121.4	182.2
98	63.4	51.9	77.9





#13

Acrolein

Concen: 134.677 ug/l

RT: 2.29 min Scan# 187

Delta R.T. -0.01 min

Lab File: VX007106.D

Acq: 17 Jan 2019 23:49

Instrument :

MSVOA_X

ClientSampleId :

VX0117WBSD02

Tot Ion: 56 Resp: 72347

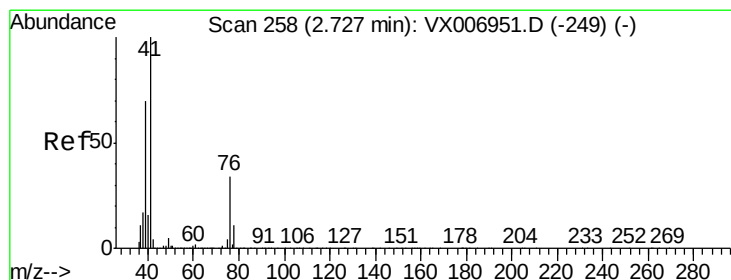
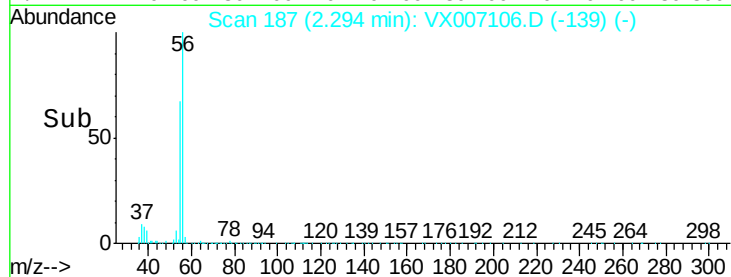
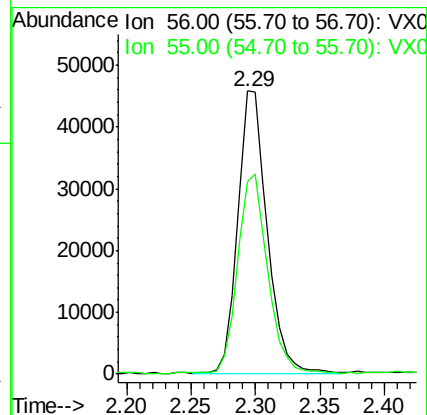
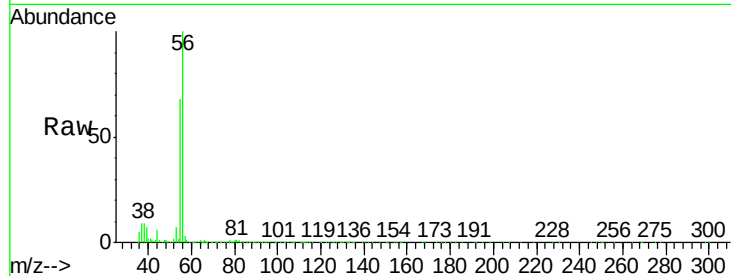
Ion Ratio Lower Upper

56 100

55 72.3 58.2 87.4

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#14

Allyl chloride

Concen: 19.334 ug/l

RT: 2.73 min Scan# 258

Delta R.T. 0.00 min

Lab File: VX007106.D

Acq: 17 Jan 2019 23:49

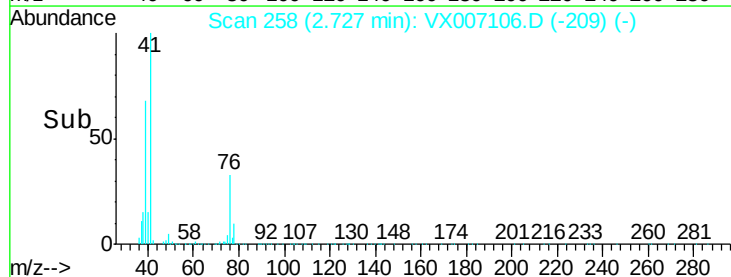
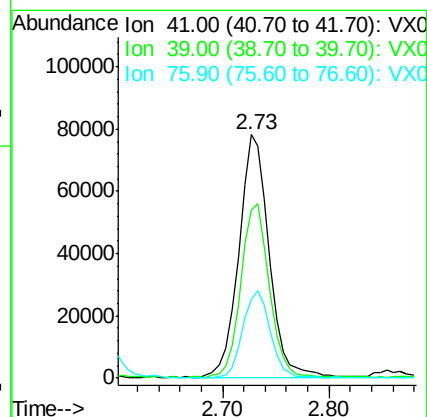
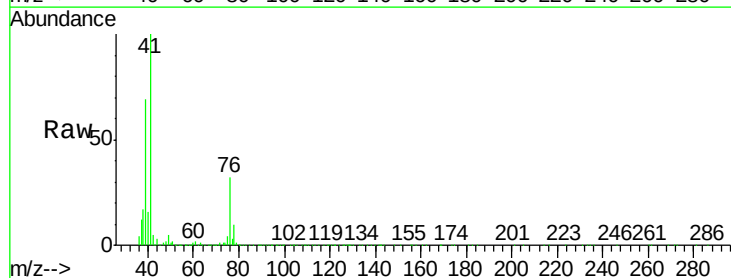
Tgt Ion: 41 Resp: 155525

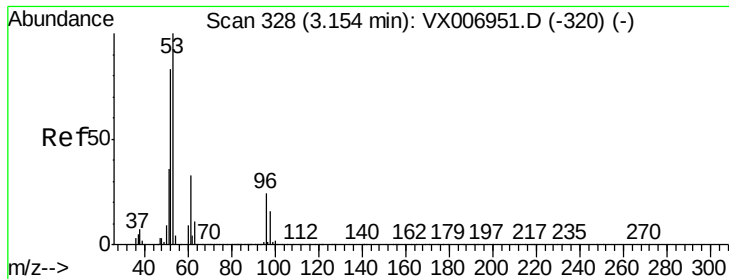
Ion Ratio Lower Upper

41 100

39 68.6 53.6 80.4

76 32.6 27.4 41.2





#15

Acrylonitrile

Concen: 106.250 ug/l

RT: 3.15 min Scan# 327

Delta R.T. -0.01 min

Lab File: VX007106.D

Acq: 17 Jan 2019 23:49

Instrument :

MSVOA_X

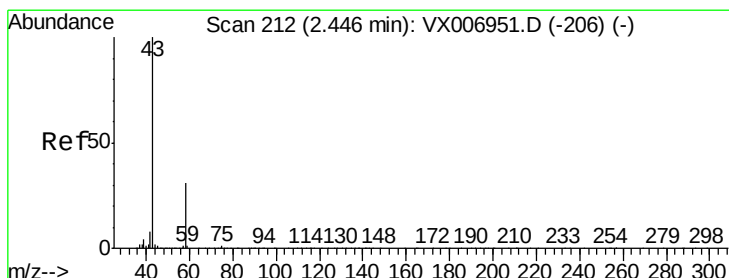
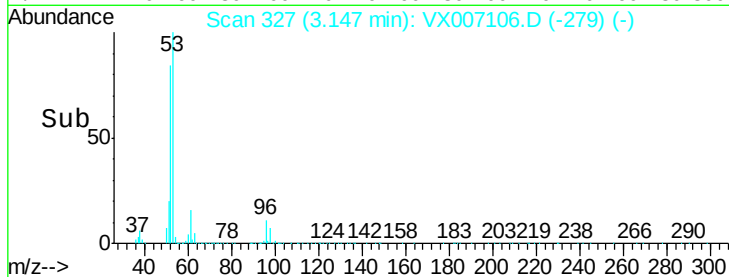
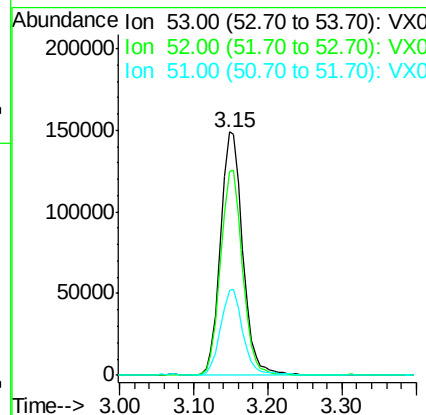
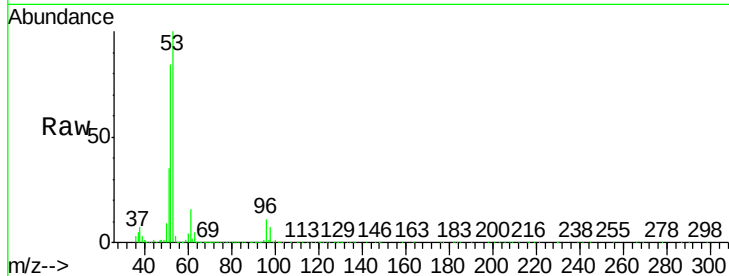
ClientSampleId :

VX0117WBSD02

Tot Ion:	53	Resp:	307090
Ion Ratio		Lower	Upper
53	100		
52	83.3	66.0	99.0
51	35.3	28.6	42.8

Manual Integrations
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#16

Acetone

Concen: 100.888 ug/l

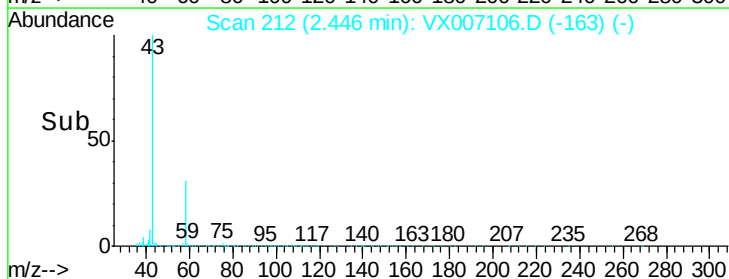
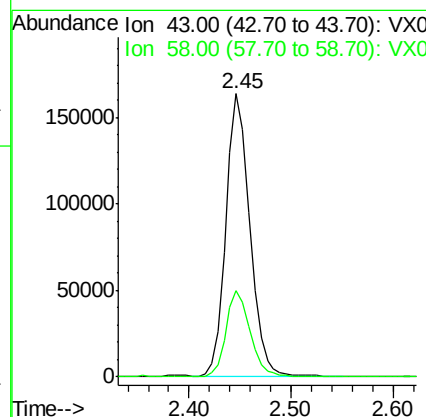
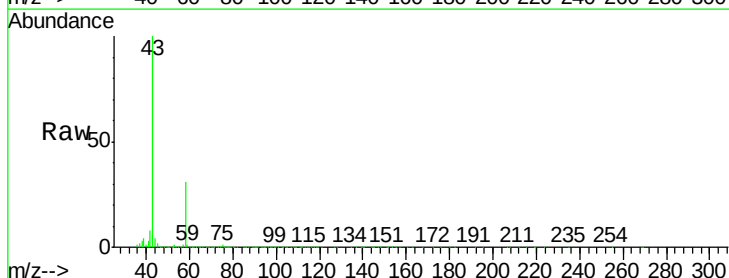
RT: 2.45 min Scan# 212

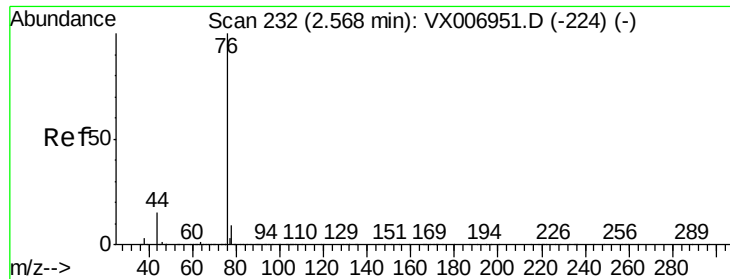
Delta R.T. 0.00 min

Lab File: VX007106.D

Acq: 17 Jan 2019 23:49

Tgt Ion:	43	Resp:	266200
Ion Ratio		Lower	Upper
43	100		
58	30.6	25.0	37.6





#17

Carbon Disulfide

Concen: 16.575 ug/l

RT: 2.57 min Scan# 233

Delta R.T. 0.01 min

Lab File: VX007106.D

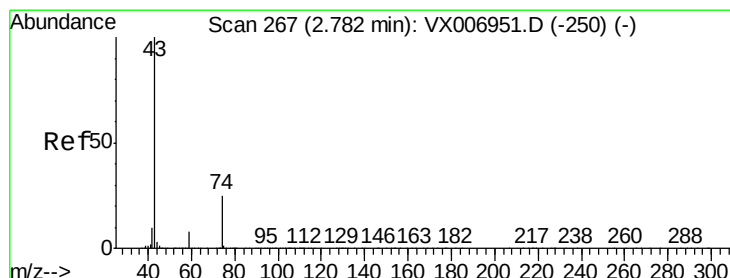
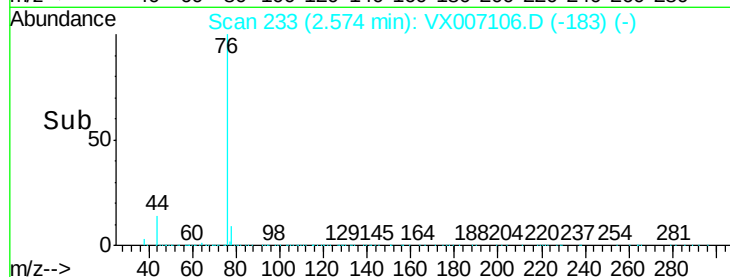
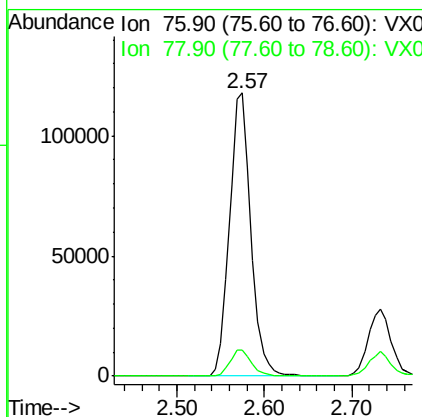
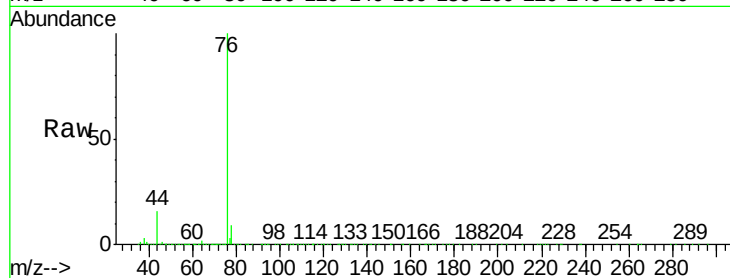
Acq: 17 Jan 2019 23:49

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.0	7.0	10.6

Instrument :
MSVOA_X
ClientSampleId :
VX0117WBSD02

Manual Integrations
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#18

Methyl Acetate

Concen: 21.878 ug/l

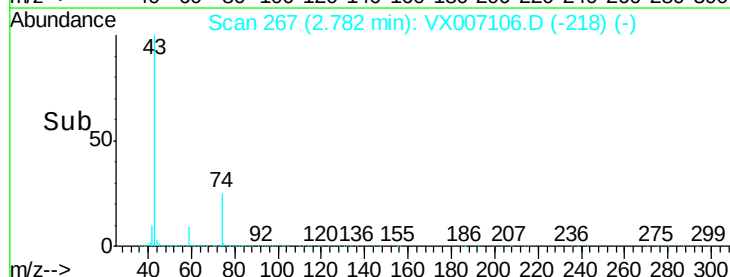
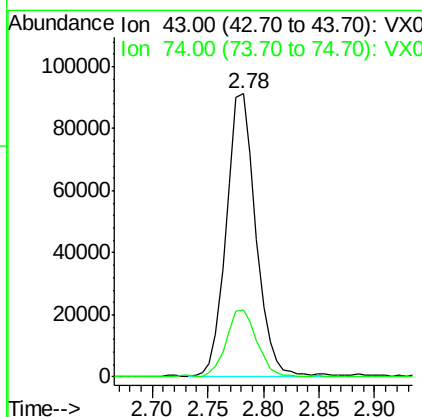
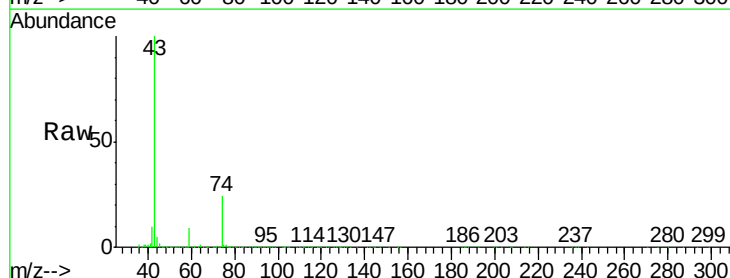
RT: 2.78 min Scan# 267

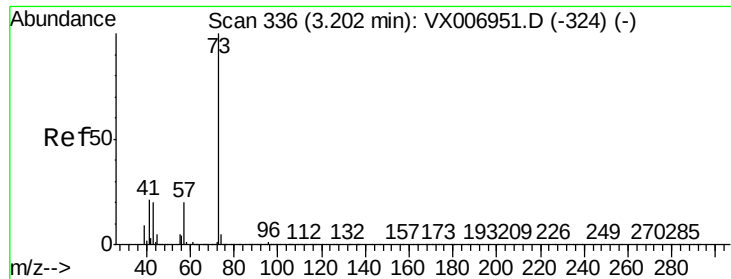
Delta R.T. 0.00 min

Lab File: VX007106.D

Acq: 17 Jan 2019 23:49

Tgt Ion	Ratio	Lower	Upper
43	100		
74	24.6	18.6	28.0





#19

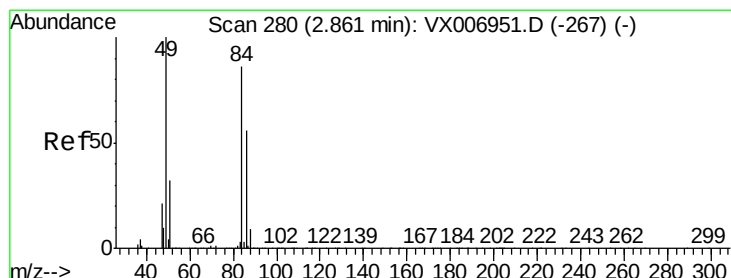
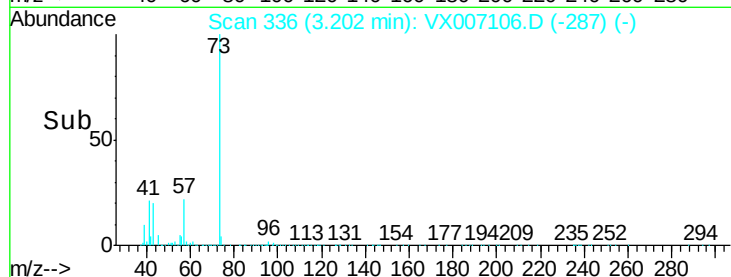
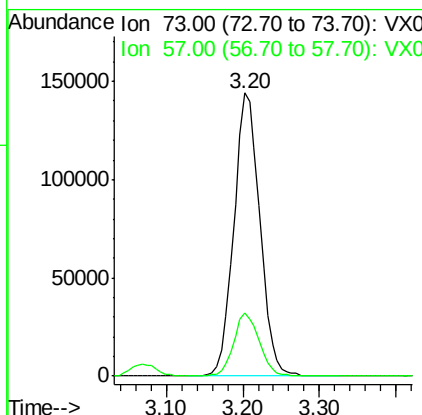
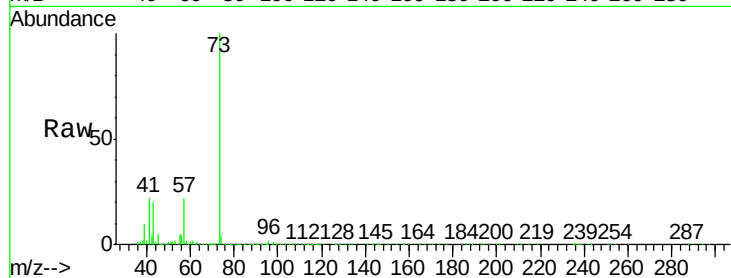
Methyl tert-butyl Ether
 Concen: 20.746 ug/l
 RT: 3.20 min Scan# 336
 Delta R.T. 0.00 min
 Lab File: VX007106.D
 Acq: 17 Jan 2019 23:49

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0117WBSD02

Tot Ion	Ratio	Lower	Upper
73	100		
57	22.0	16.8	25.2

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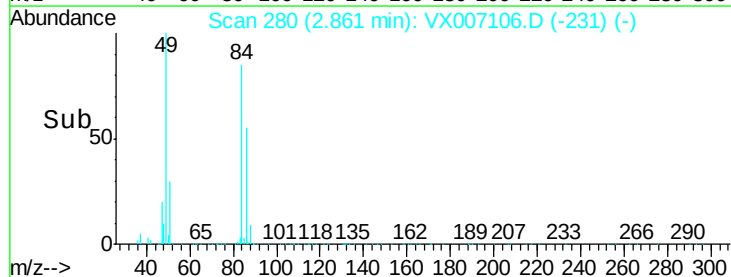
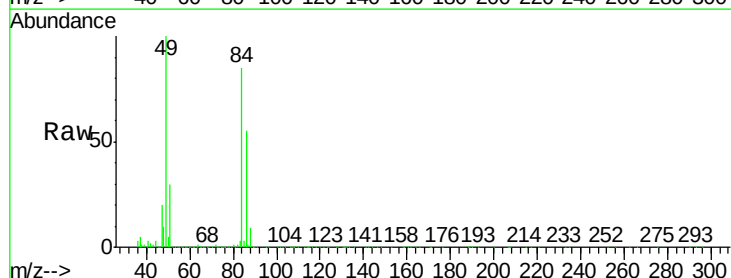
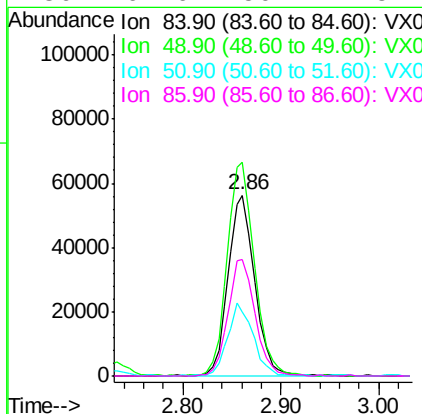
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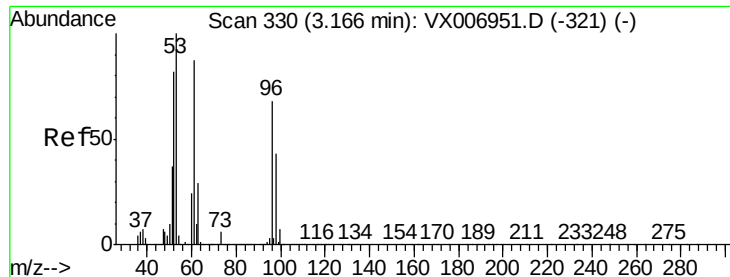


#20

Methylene Chloride
 Concen: 20.790 ug/l
 RT: 2.86 min Scan# 280
 Delta R.T. 0.00 min
 Lab File: VX007106.D
 Acq: 17 Jan 2019 23:49

Tgt Ion	Ratio	Lower	Upper
84	100		
49	117.6	91.8	137.6
51	35.4	28.5	42.7
86	64.6	50.2	75.2





#21

trans-1,2-Dichloroethene

Concen: 18.988 ug/l

RT: 3.17 min Scan# 330

Delta R.T. 0.00 min

Lab File: VX007106.D

Acq: 17 Jan 2019 23:49

Instrument :

MSVOA_X

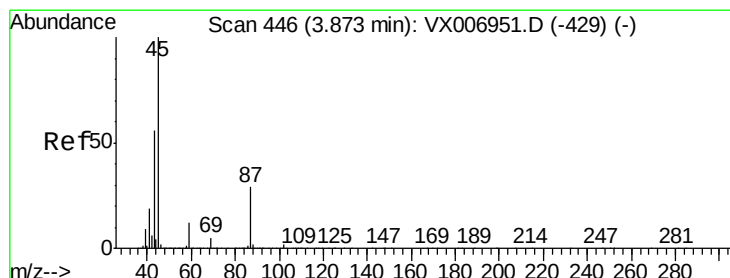
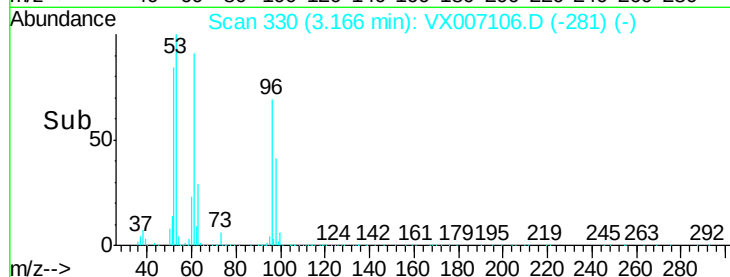
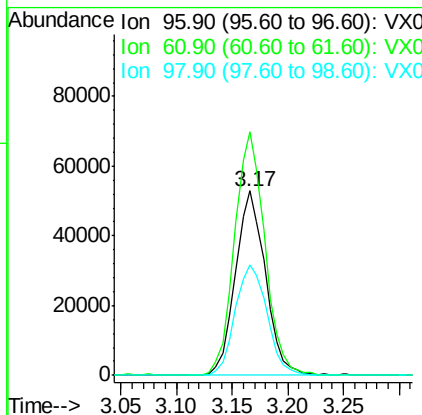
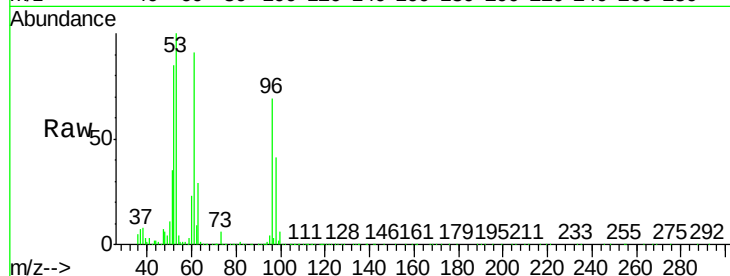
ClientSampleId :

VX0117WBSD02

Tot Ion:	96	Resp:	99320
Ion	Ratio	Lower	Upper
96	100		
61	131.6	103.7	155.5
98	59.5	51.0	76.6

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#22

Diisopropyl ether

Concen: 20.110 ug/l

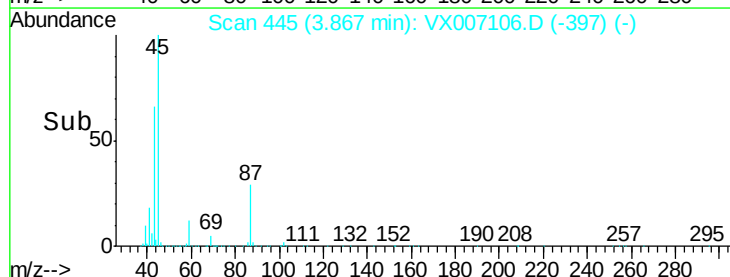
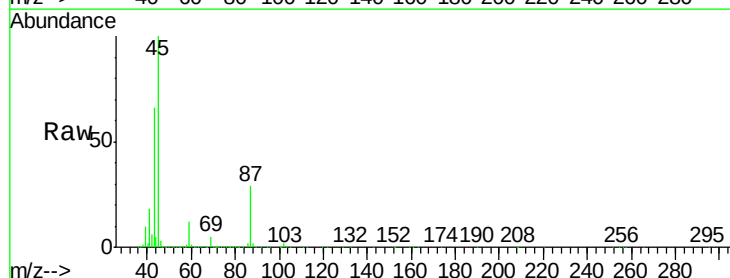
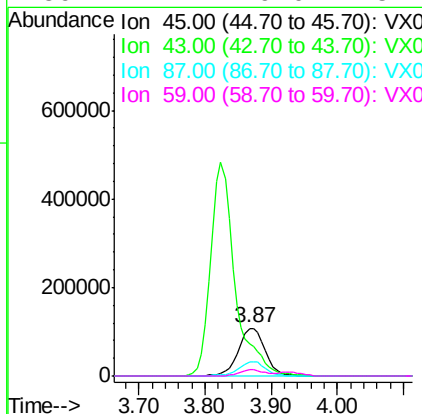
RT: 3.87 min Scan# 446

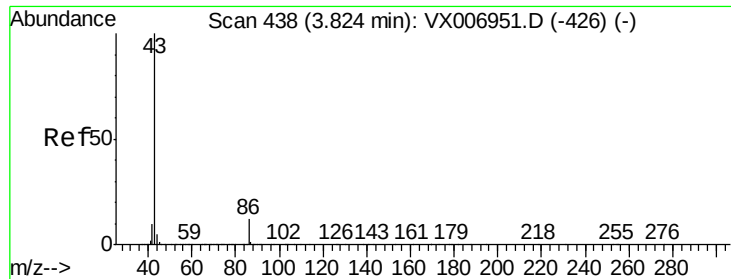
Delta R.T. -0.01 min

Lab File: VX007106.D

Acq: 17 Jan 2019 23:49

Tgt Ion:	45	Resp:	304125
Ion	Ratio	Lower	Upper
45	100		
43	65.8	51.2	76.8
87	29.5	25.8	38.6
59	12.2	9.0	13.4





#23

Vinyl Acetate

Concen: 97.172 ug/l

RT: 3.82 min Scan# 438

Delta R.T. 0.00 min

Lab File: VX007106.D

Acq: 17 Jan 2019 23:49

Tot Ion: 43 Resp: 1239290

Ion Ratio Lower Upper

43 100

86 11.0 9.2 13.8

Instrument :

MSVOA_X

ClientSampleId :

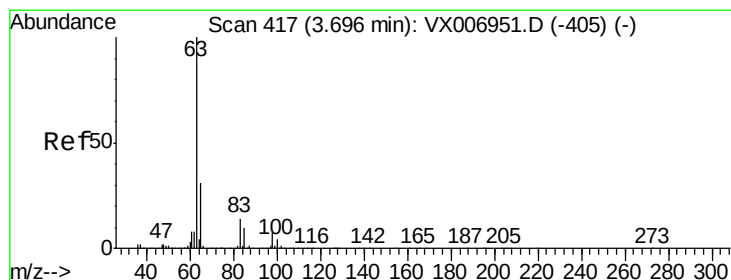
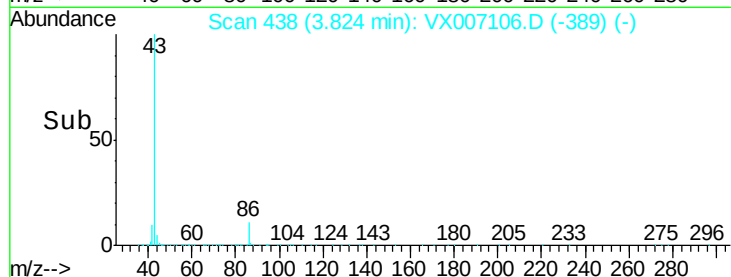
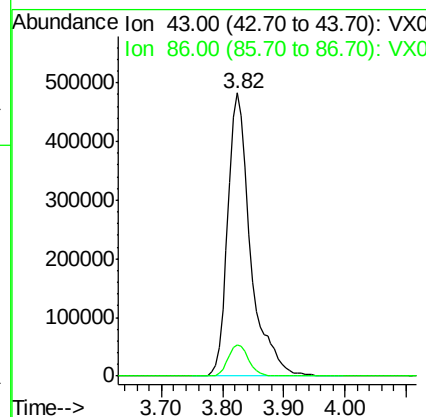
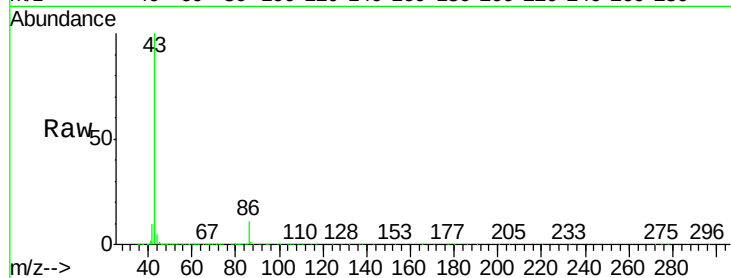
VX0117WBSD02

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#24

1,1-Dichloroethane

Concen: 19.772 ug/l

RT: 3.70 min Scan# 417

Delta R.T. 0.00 min

Lab File: VX007106.D

Acq: 17 Jan 2019 23:49

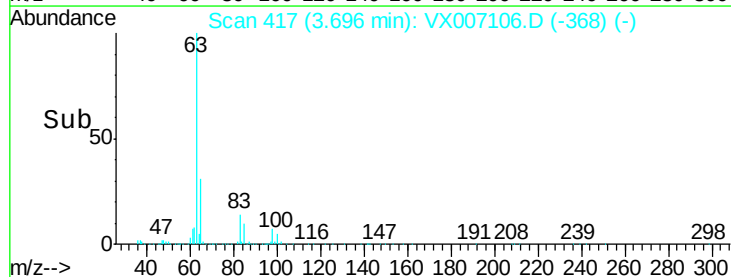
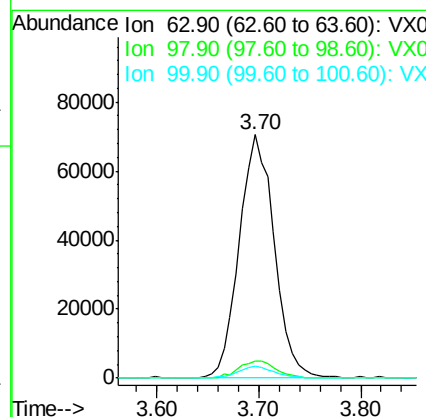
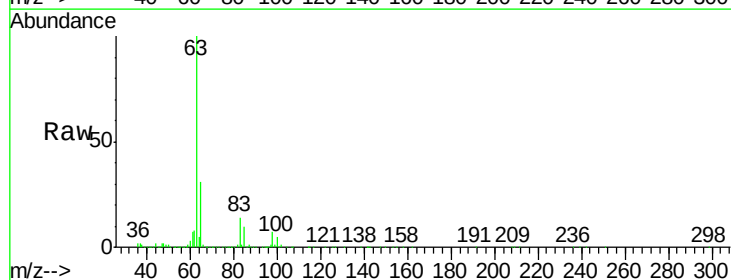
Tgt Ion: 63 Resp: 167193

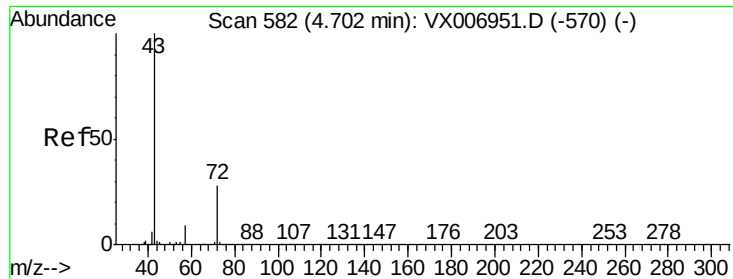
Ion Ratio Lower Upper

63 100

98 6.9 3.9 11.5

100 4.7 2.4 7.2





#25

2-Butanone

Concen: 103.919 ug/l

RT: 4.70 min Scan# 581

Delta R.T. -0.01 min

Lab File: VX007106.D

Acq: 17 Jan 2019 23:49

Instrument :

MSVOA_X

ClientSampleId :

VX0117WBSD02

Tot Ion: 43 Resp: 392339

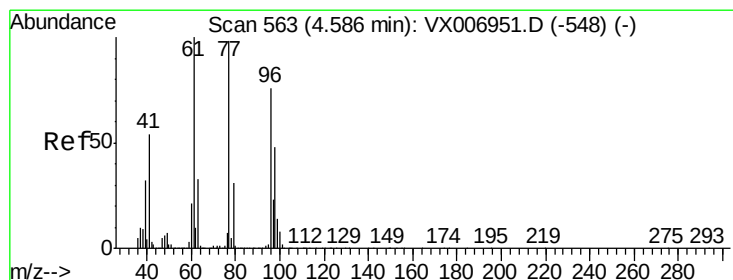
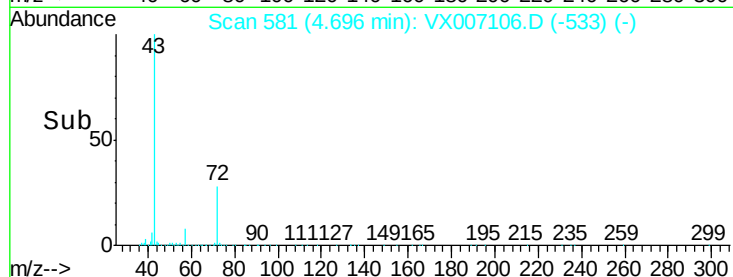
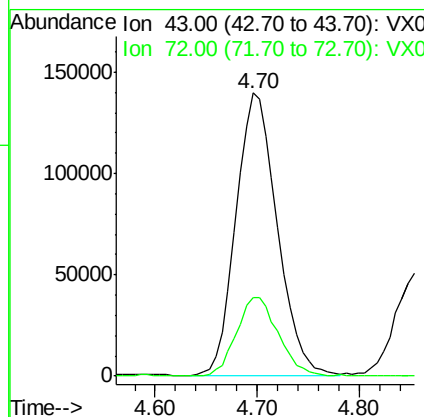
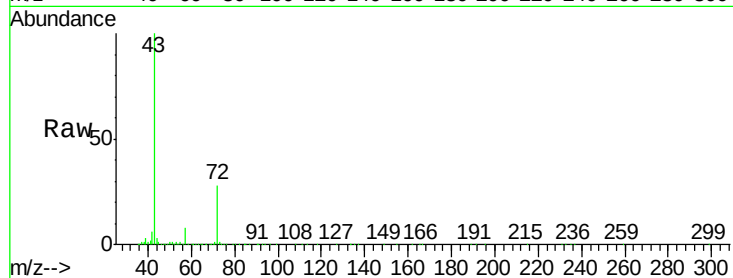
Ion Ratio Lower Upper

43 100

72 27.4 22.4 33.6

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#26

2,2-Dichloropropane

Concen: 14.986 ug/l

RT: 4.59 min Scan# 563

Delta R.T. 0.00 min

Lab File: VX007106.D

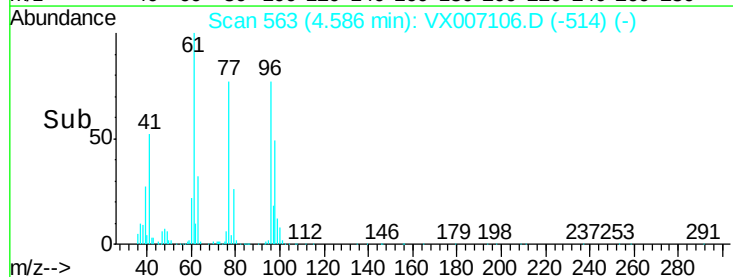
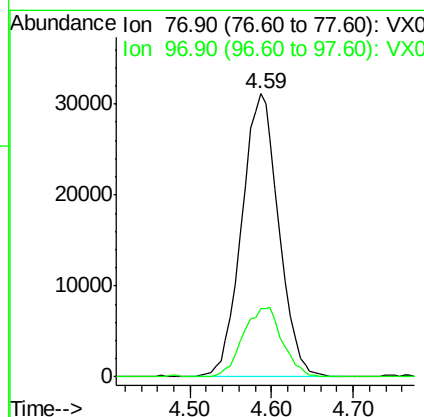
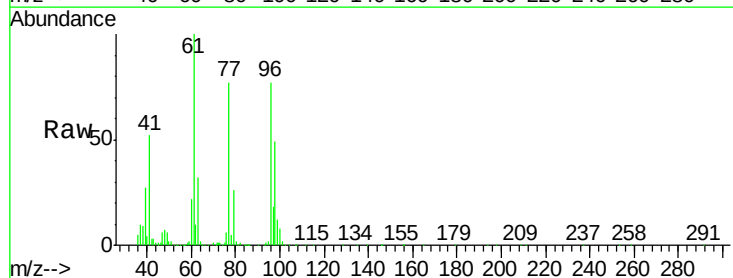
Acq: 17 Jan 2019 23:49

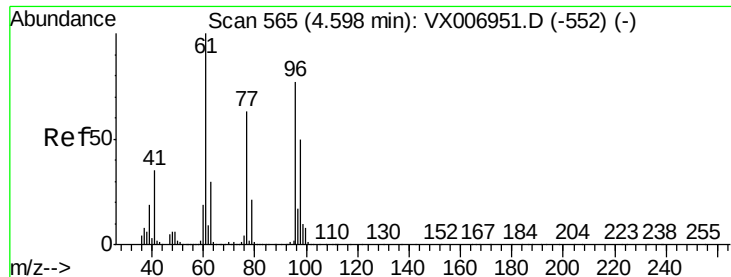
Tgt Ion: 77 Resp: 97450

Ion Ratio Lower Upper

77 100

97 26.2 12.4 37.4





#27

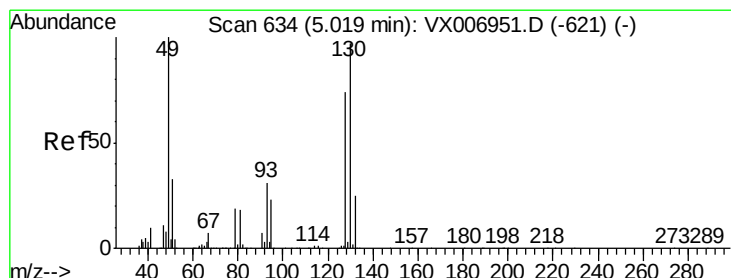
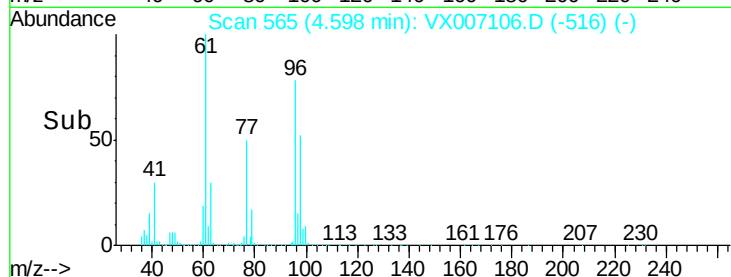
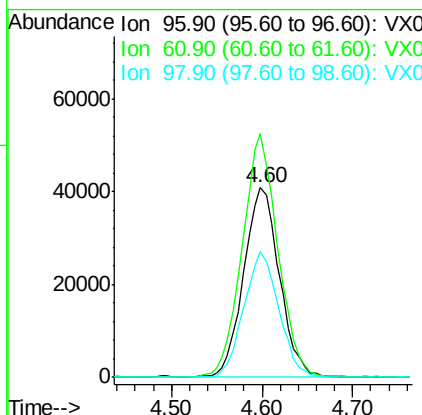
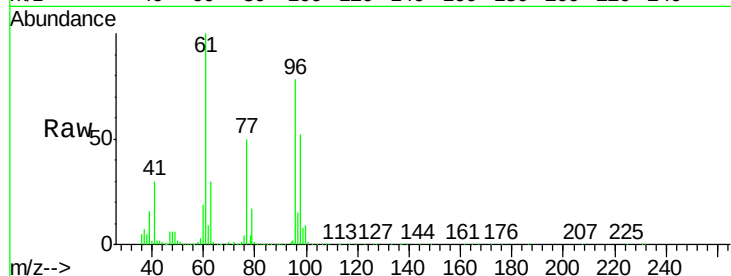
cis-1,2-Dichloroethene
Concen: 19.372 ug/l
RT: 4.60 min Scan# 565
Delta R.T. 0.00 min
Lab File: VX007106.D
Acq: 17 Jan 2019 23:49

Instrument :
MSVOA_X
ClientSampleId :
VX0117WBSD02

Tot Ion	Ratio	Resp	Lower	Upper
96	100	111766		
61	128.5	0.0	258.6	
98	65.2	0.0	132.0	

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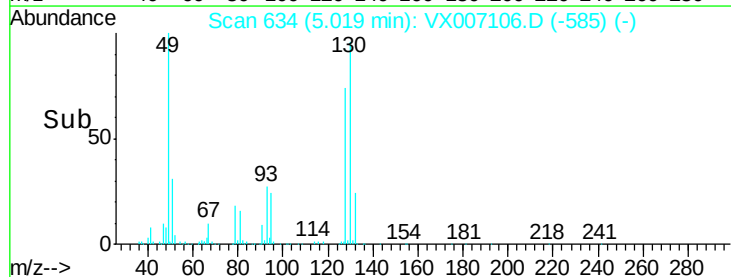
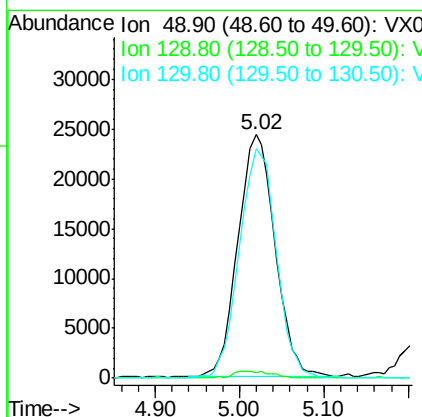
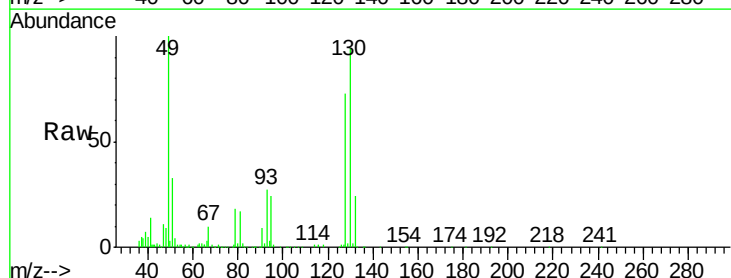
MMDadoda
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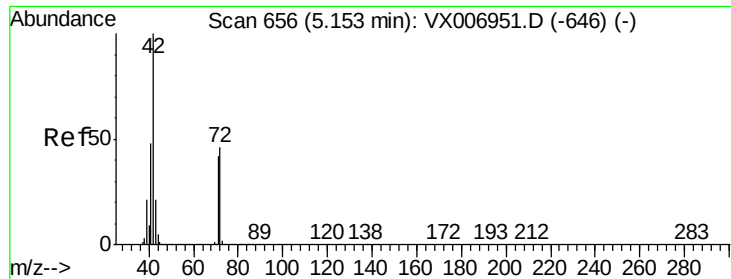


#28

Bromochloromethane
Concen: 19.652 ug/l
RT: 5.02 min Scan# 634
Delta R.T. 0.00 min
Lab File: VX007106.D
Acq: 17 Jan 2019 23:49

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	72809		
129	3.0	0.0	5.4	
130	94.3	77.7	116.5	





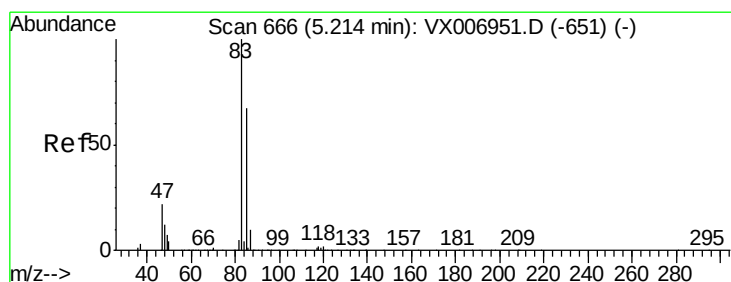
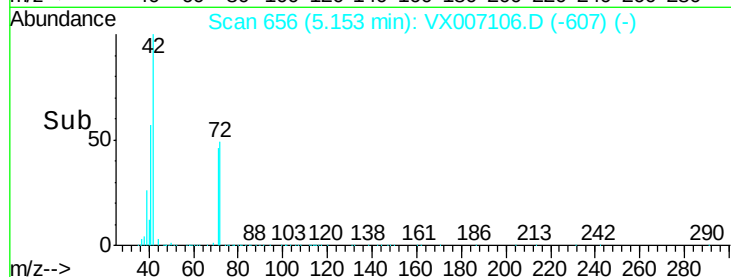
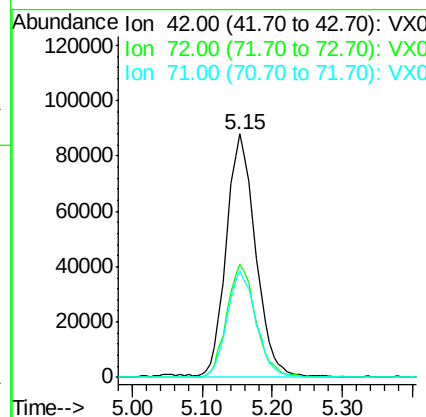
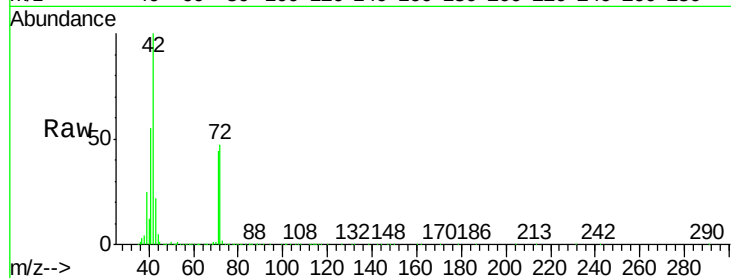
#29
Tetrahydrofuran
Concen: 103.795 ug/l
RT: 5.15 min Scan# 656
Delta R.T. 0.00 min
Lab File: VX007106.D
Acq: 17 Jan 2019 23:49

Instrument :
MSVOA_X
ClientSampleId :
VX0117WBSD02

Tot Ion	Ratio	Lower	Upper
42	100		
72	46.5	38.9	58.3
71	43.6	36.2	54.4

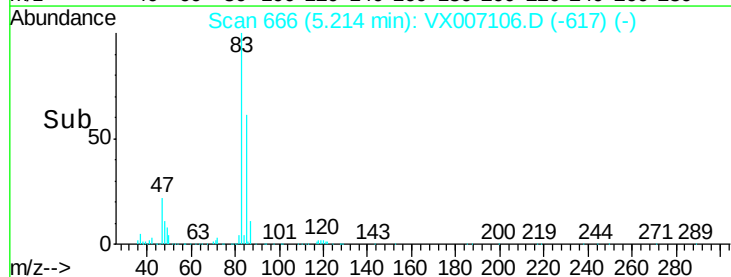
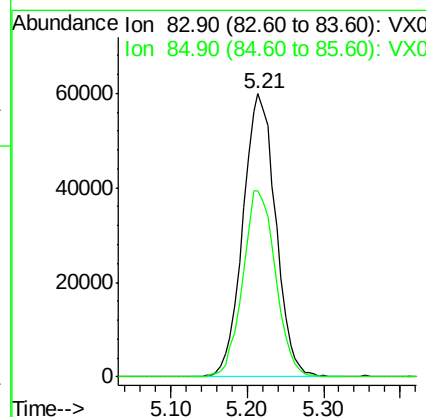
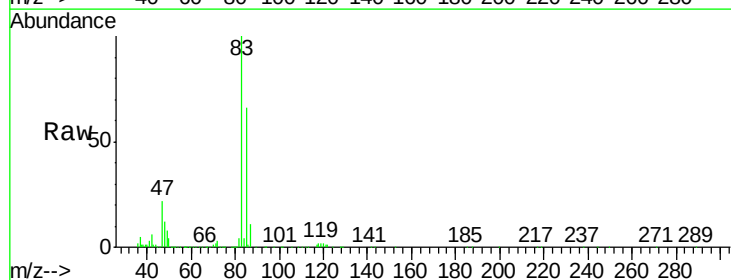
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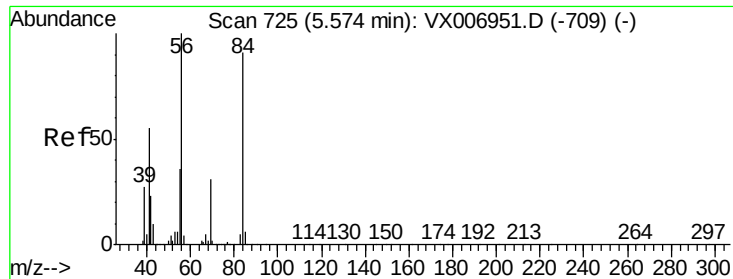
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#30
Chloroform
Concen: 20.125 ug/l
RT: 5.21 min Scan# 666
Delta R.T. 0.00 min
Lab File: VX007106.D
Acq: 17 Jan 2019 23:49

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.5	51.2	76.8





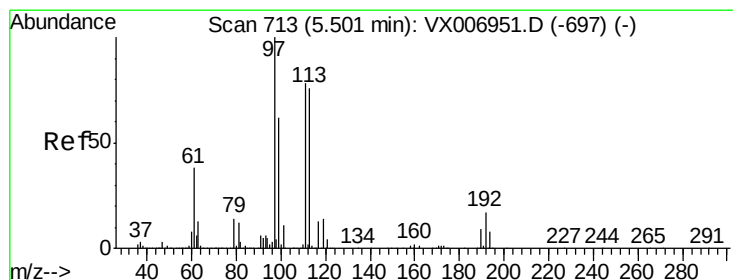
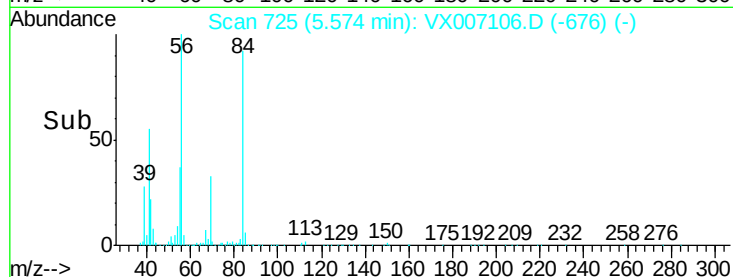
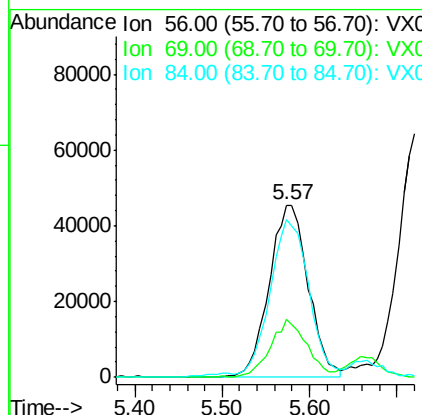
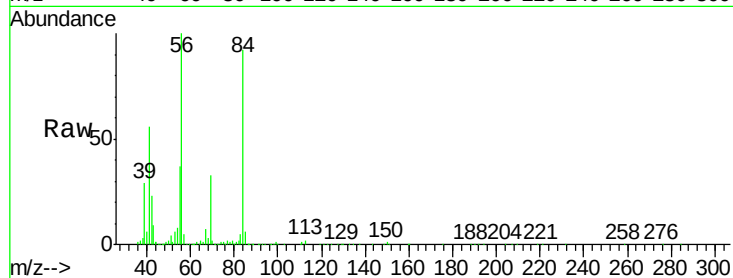
#31
Cyclohexane
Concen: 18.649 ug/l
RT: 5.57 min Scan# 725
Delta R.T. 0.00 min
Lab File: VX007106.D
Acq: 17 Jan 2019 23:49

Instrument :
MSVOA_X
ClientSampleId :
VX0117WBSD02

Tot Ion	Ratio	Lower	Upper
56	100		
69	33.1	24.4	36.6
84	91.4	70.0	105.0

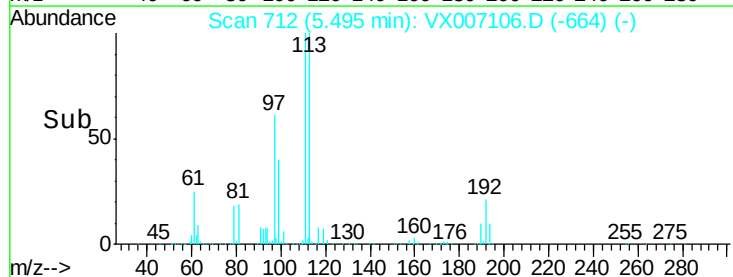
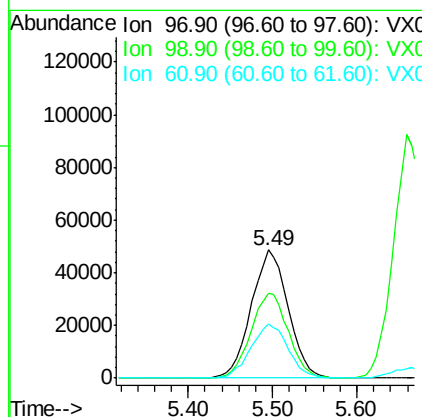
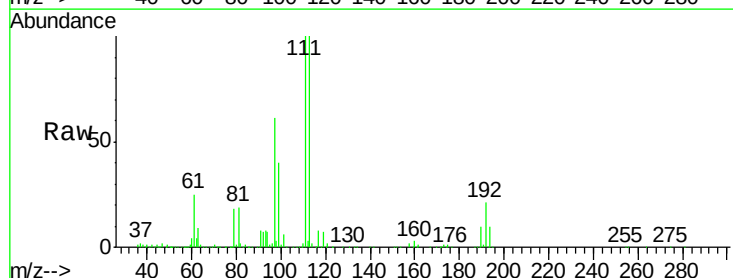
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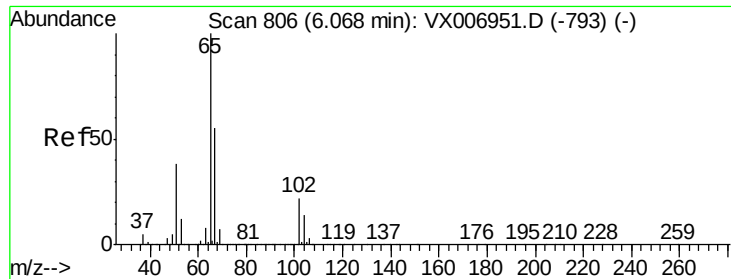
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#32
1,1,1-Trichloroethane
Concen: 19.399 ug/l
RT: 5.49 min Scan# 712
Delta R.T. -0.01 min
Lab File: VX007106.D
Acq: 17 Jan 2019 23:49

Tgt Ion	Ratio	Lower	Upper
97	100		
99	66.5	51.7	77.5
61	42.3	31.3	46.9





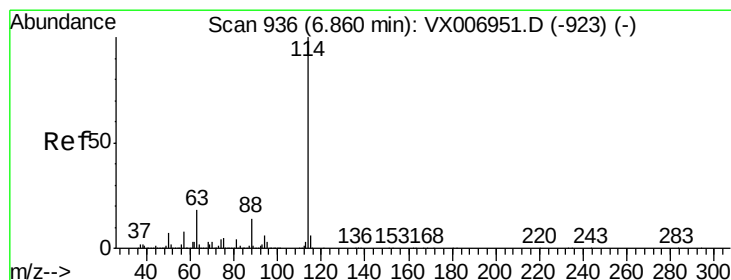
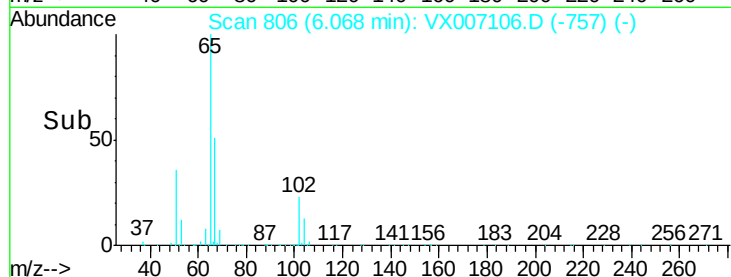
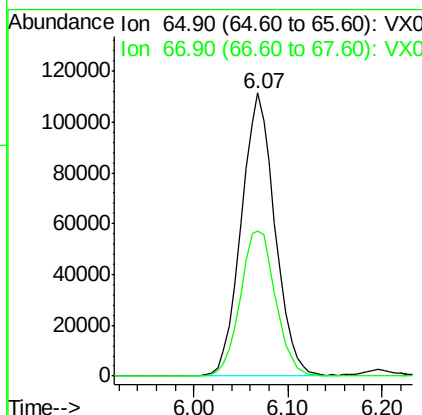
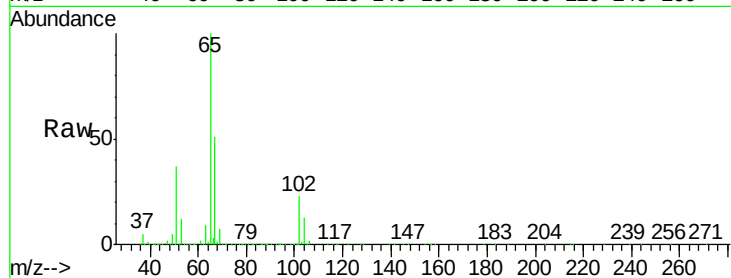
#33
 1,2-Dichloroethane-d4
 Concen: 52.235 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. 0.00 min
 Lab File: VX007106.D
 Acq: 17 Jan 2019 23:49

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0117WBSD02

Tot Ion	Ratio	Lower	Upper
65	100		
67	53.9	0.0	105.0

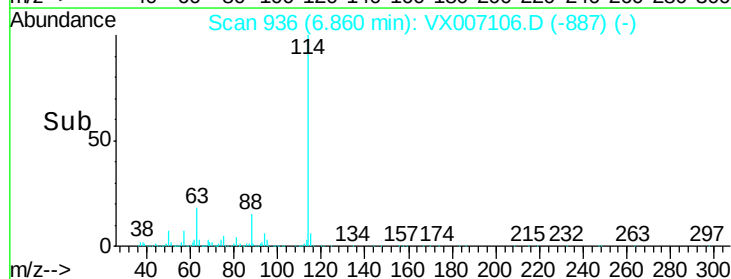
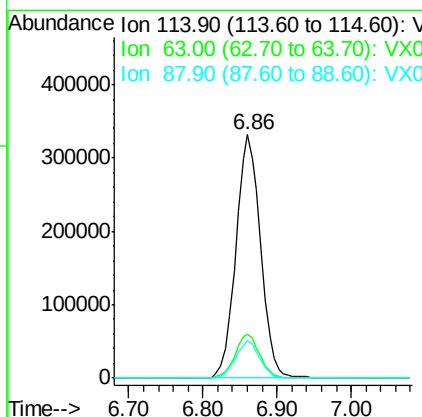
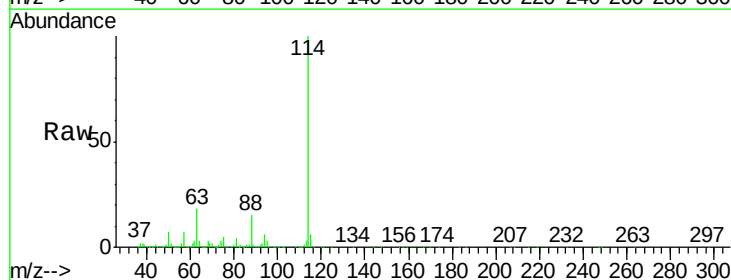
Manual Integrations
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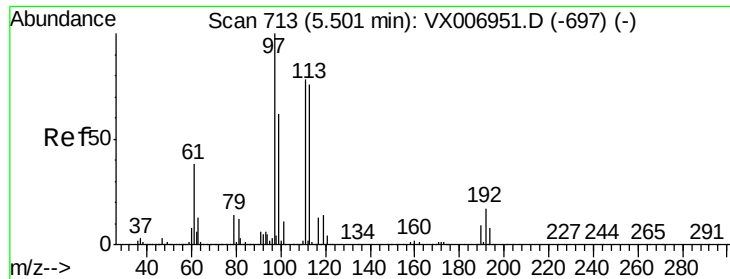
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX007106.D
 Acq: 17 Jan 2019 23:49

Tgt Ion	Ratio	Lower	Upper
114	100		
63	18.0	0.0	34.8
88	15.2	0.0	28.8





#35

Dibromofluoromethane

Concen: 50.354 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.00 min

Lab File: VX007106.D

Acq: 17 Jan 2019 23:49

Instrument :

MSVOA_X

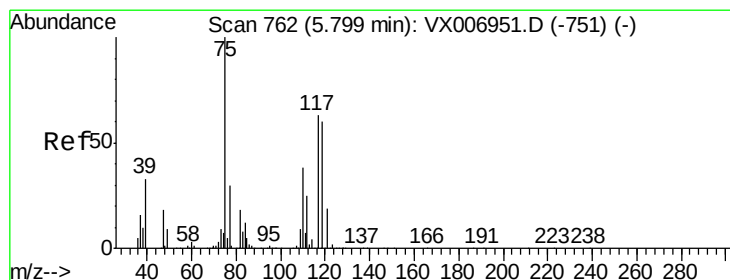
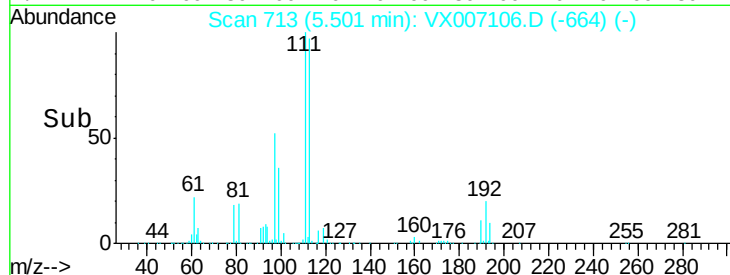
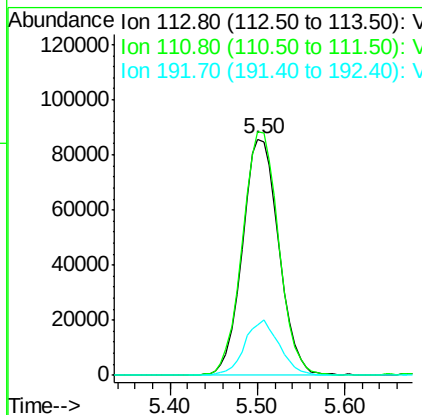
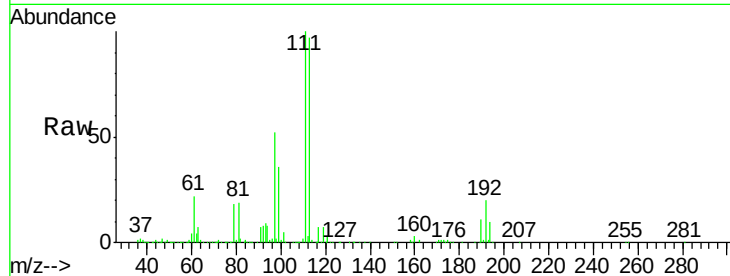
ClientSampleId :

VX0117WBSD02

Tot Ion:	113	Resp:	247585
Ion Ratio	Lower	Upper	
113	100		
111	103.0	81.6	122.4
192	22.3	16.7	25.1

Manual Integrations
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#36

1,1-Dichloropropene

Concen: 18.956 ug/l

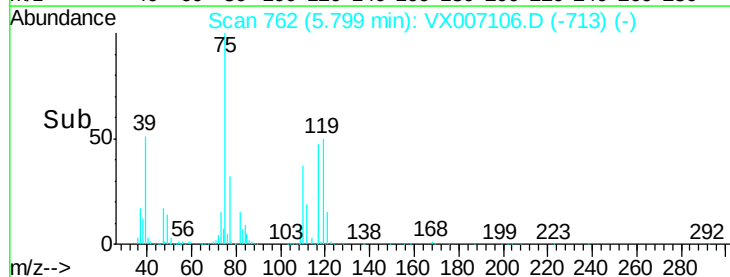
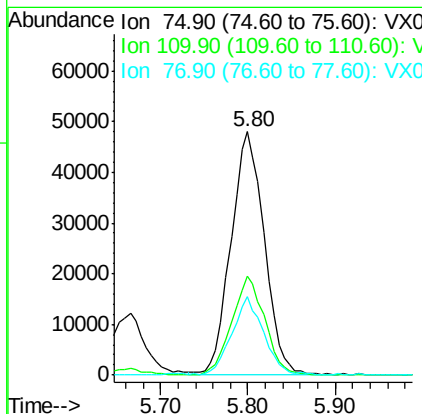
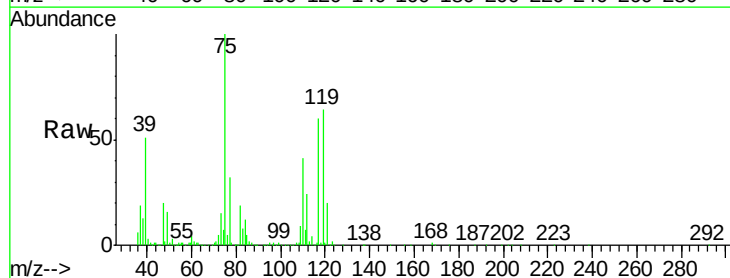
RT: 5.80 min Scan# 762

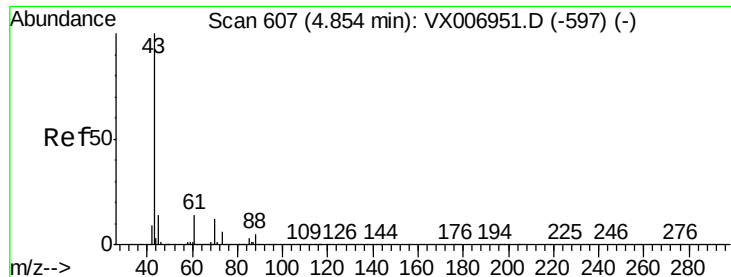
Delta R.T. 0.00 min

Lab File: VX007106.D

Acq: 17 Jan 2019 23:49

Tgt Ion:	75	Resp:	126534
Ion Ratio	Lower	Upper	
75	100		
110	40.7	20.2	60.5
77	30.5	24.8	37.2





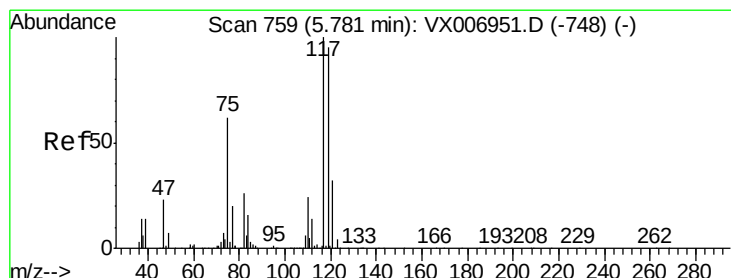
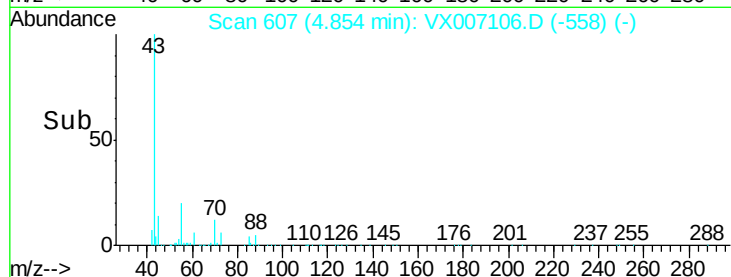
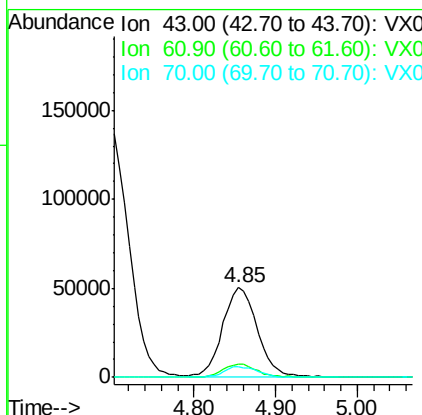
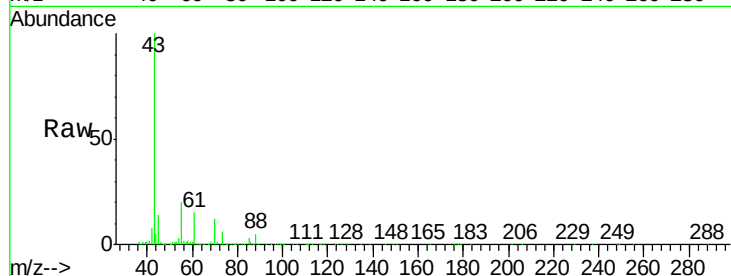
#37
Ethyl Acetate
Concen: 20.476 ug/l
RT: 4.85 min Scan# 607
Delta R.T. 0.00 min
Lab File: VX007106.D
Acq: 17 Jan 2019 23:49

Instrument :
MSVOA_X
ClientSampleId :
VX0117WBSD02

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.5	11.9	17.9
70	12.1	9.7	14.5

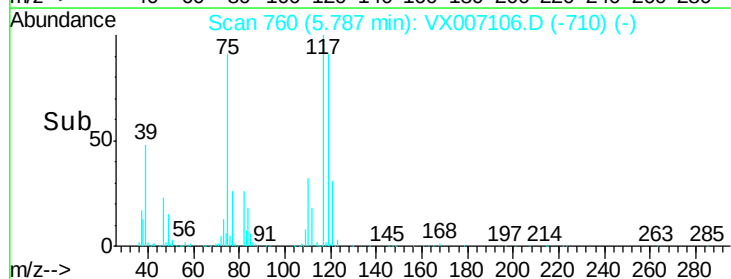
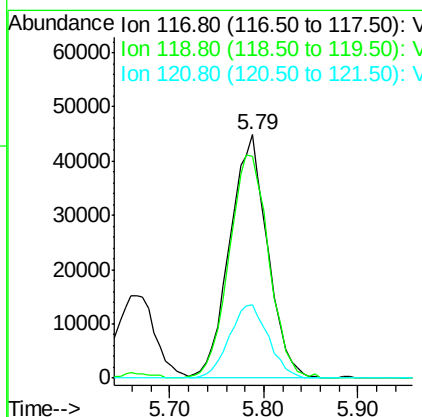
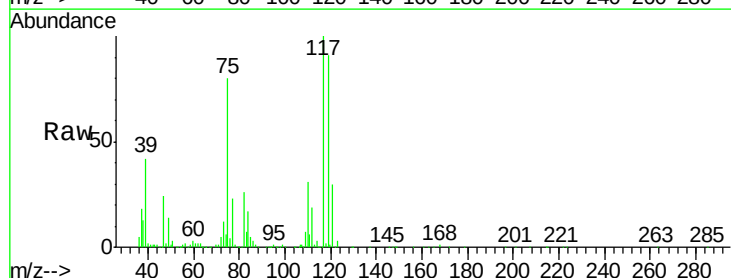
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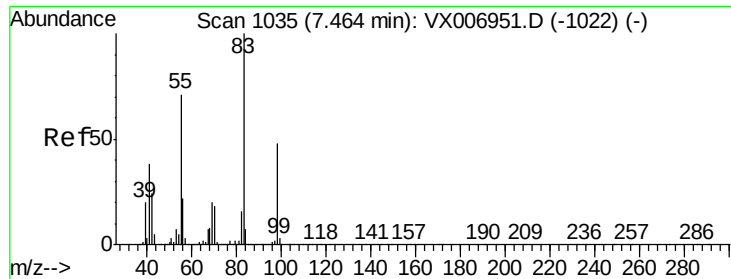
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#38
Carbon Tetrachloride
Concen: 18.623 ug/l
RT: 5.79 min Scan# 760
Delta R.T. 0.01 min
Lab File: VX007106.D
Acq: 17 Jan 2019 23:49

Tgt Ion	Ratio	Lower	Upper
117	100		
119	90.9	79.4	119.2
121	30.2	24.0	36.0





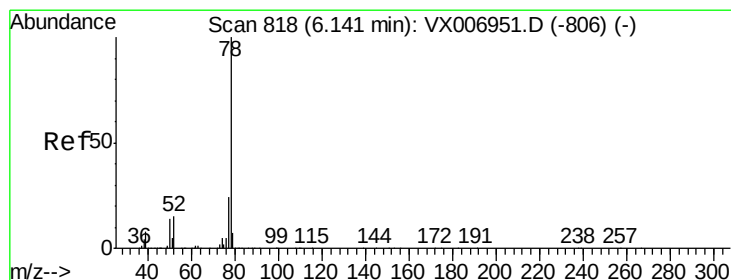
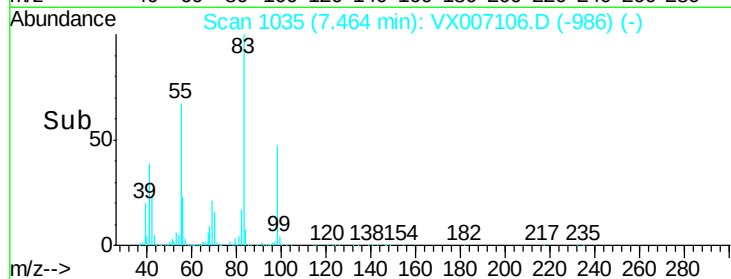
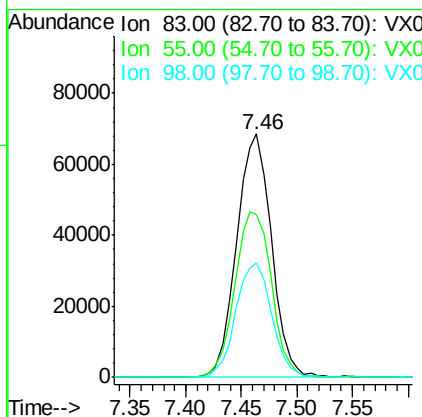
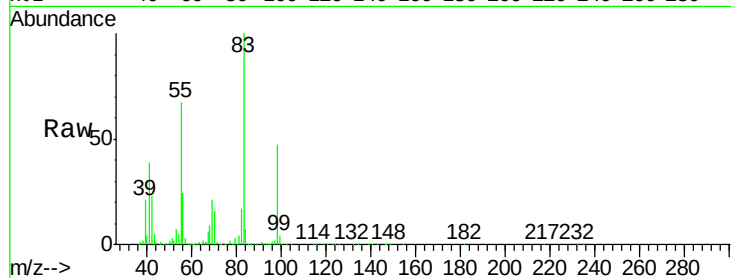
#39
Methylvlcyclohexane
Concen: 17.536 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. 0.00 min
Lab File: VX007106.D
Acq: 17 Jan 2019 23:49

Instrument :
MSVOA_X
ClientSampleId :
VX0117WBSD02

Tot Ion	83	Resp	149228
Ion Ratio	Lower	Upper	
83	100		
55	66.9	54.9	82.3
98	46.7	37.9	56.9

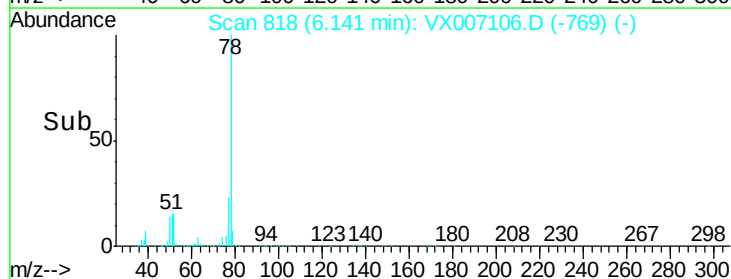
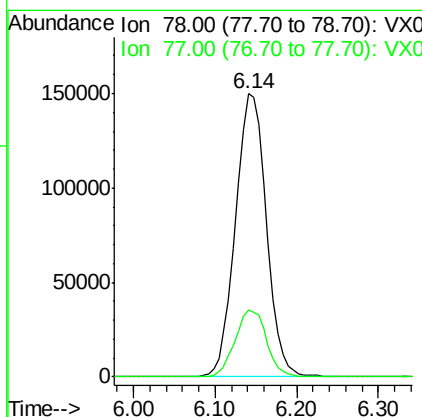
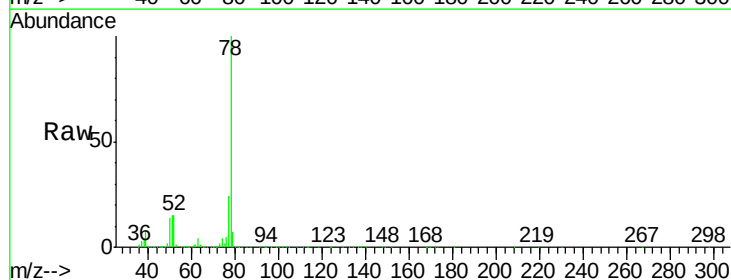
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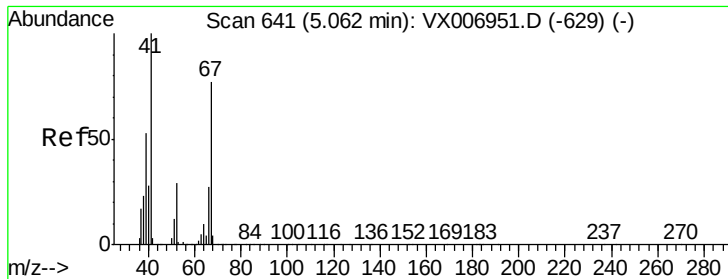
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#40
Benzene
Concen: 19.293 ug/l
RT: 6.14 min Scan# 818
Delta R.T. 0.00 min
Lab File: VX007106.D
Acq: 17 Jan 2019 23:49

Tgt Ion	78	Resp	392973
Ion Ratio	Lower	Upper	
78	100		
77	23.8	19.2	28.8





#41

Methacrylonitrile

Concen: 19.092 ug/l

RT: 5.06 min Scan# 641

Delta R.T. 0.00 min

Lab File: VX007106.D

Acq: 17 Jan 2019 23:49

Tot Ion	Ion	Ratio	Resp	Lower	Upper
41	100		78711		
39	55.1	42.8	64.2		
67	77.2	62.1	93.1		
52	32.5	23.4	35.0		

Instrument :

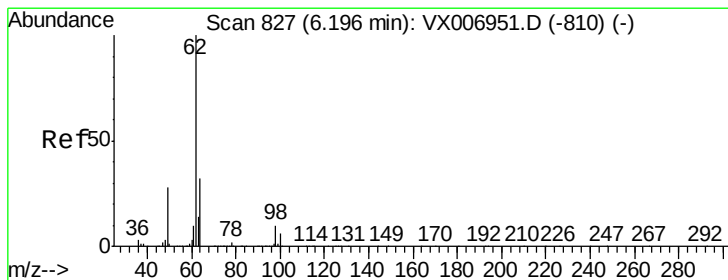
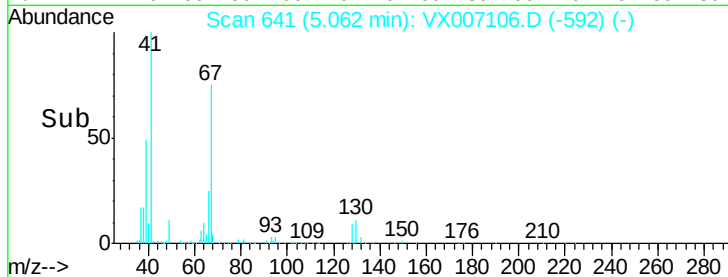
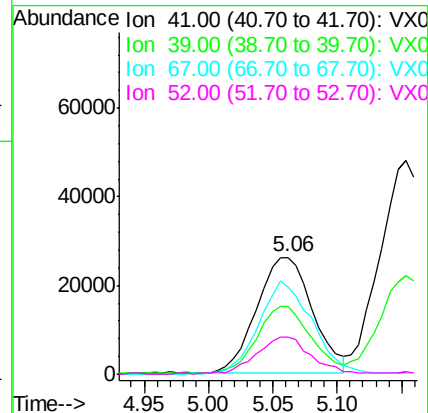
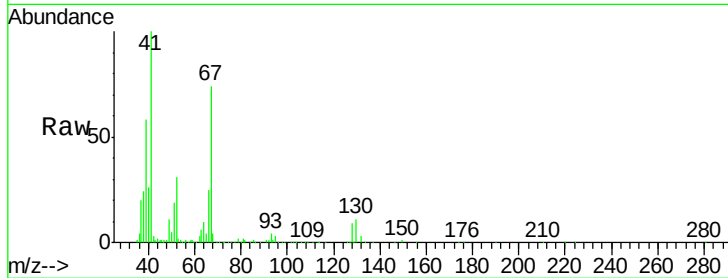
MSVOA_X

ClientSampleId :

VX0117WBSD02

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#42

1,2-Dichloroethane

Concen: 19.323 ug/l

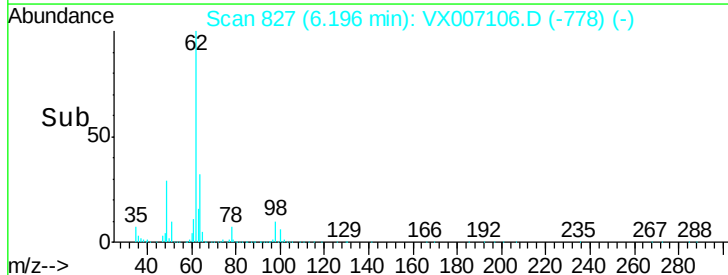
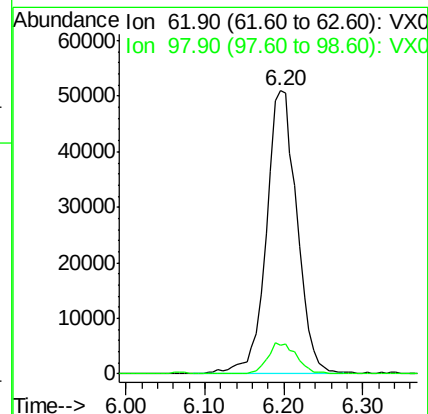
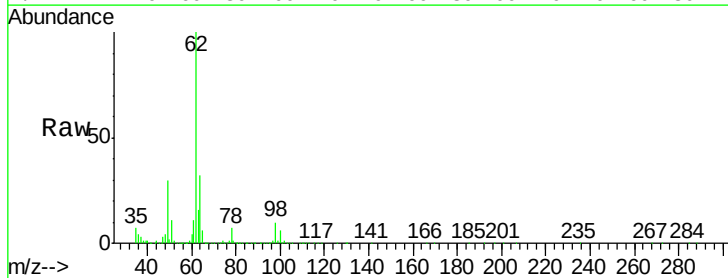
RT: 6.20 min Scan# 827

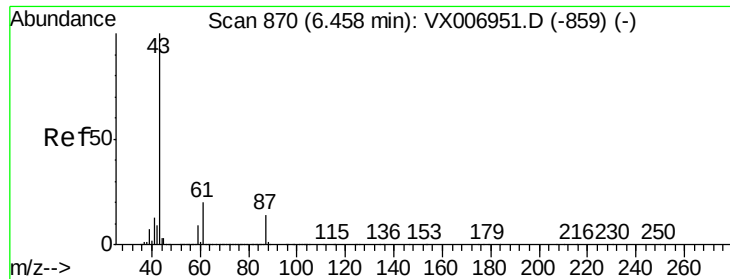
Delta R.T. 0.00 min

Lab File: VX007106.D

Acq: 17 Jan 2019 23:49

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
62	100		136008		
98	10.6	0.0	20.2		





#43

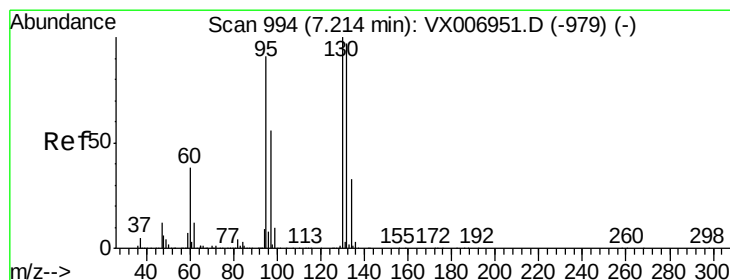
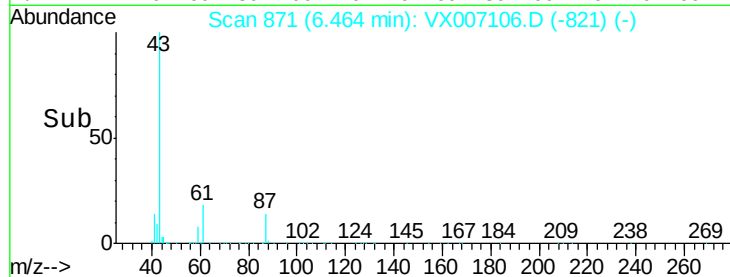
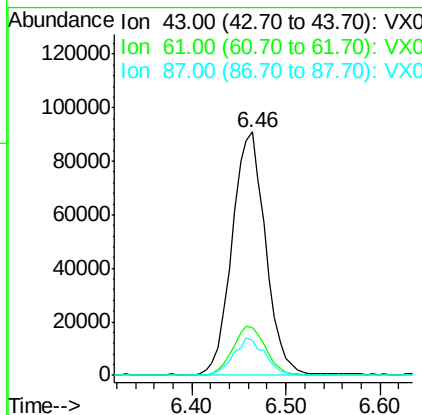
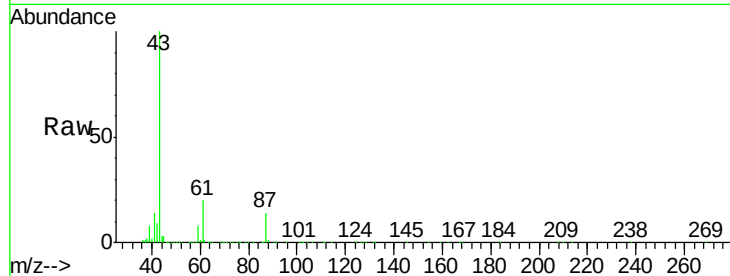
Isopropyl Acetate
 Concen: 19.857 ug/l
 RT: 6.46 min Scan# 871
 Delta R.T. 0.01 min
 Lab File: VX007106.D
 Acq: 17 Jan 2019 23:49

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0117WBSD02

Tot Ion	Ratio	Lower	Upper
43	100		
61	20.3	16.8	25.2
87	14.9	12.4	18.6

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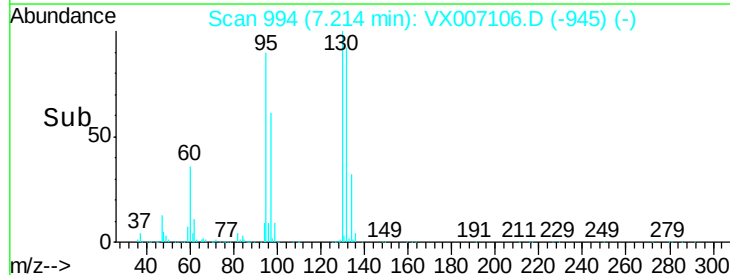
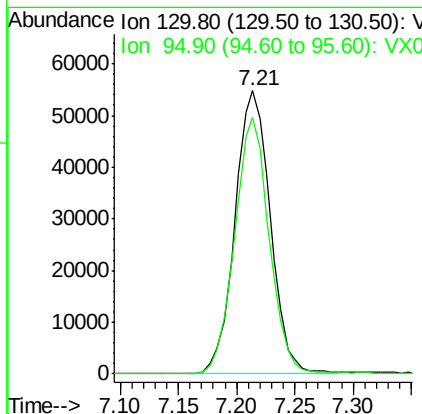
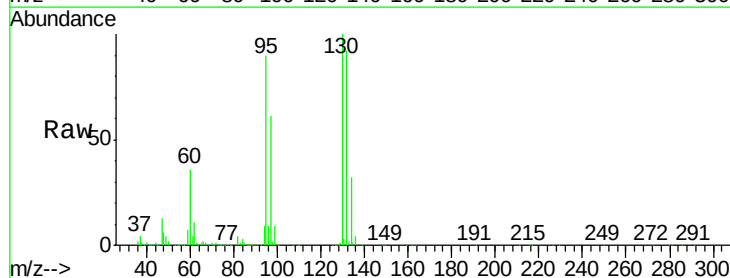
MMDadoda
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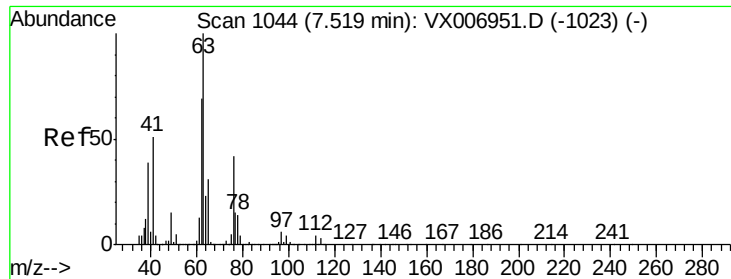


#44

Trichloroethene
 Concen: 19.000 ug/l
 RT: 7.21 min Scan# 994
 Delta R.T. 0.00 min
 Lab File: VX007106.D
 Acq: 17 Jan 2019 23:49

Tgt Ion	Ratio	Lower	Upper
130	100		
95	90.5	0.0	187.0





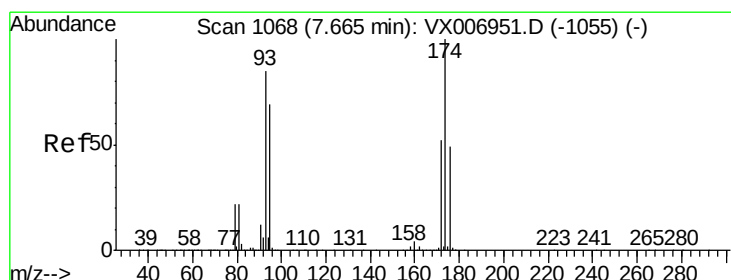
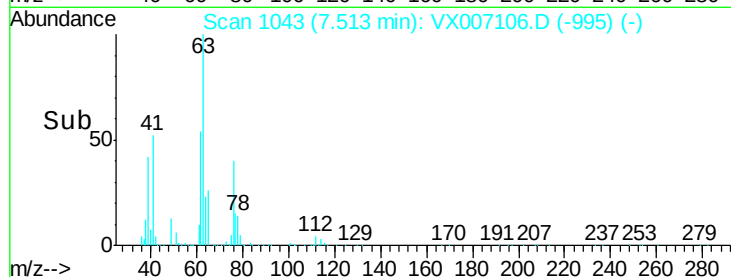
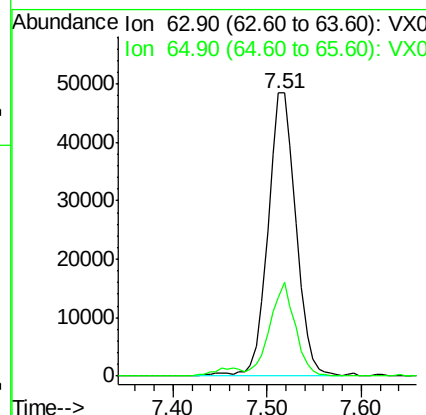
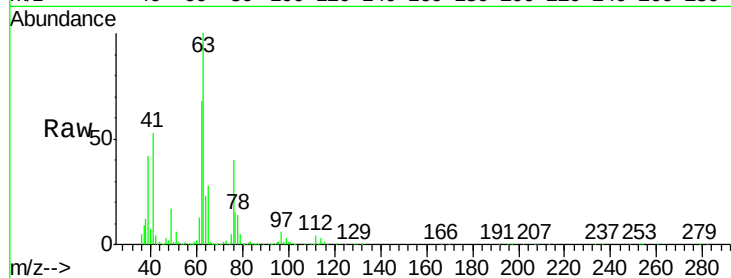
#45
 1,2-Dichloropropane
 Concen: 19.798 ug/l
 RT: 7.51 min Scan# 1043
 Delta R.T. -0.01 min
 Lab File: VX007106.D
 Acq: 17 Jan 2019 23:49

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0117WBSD02

Tot Ion: 63 Resp: 101379
 Ion Ratio Lower Upper
 63 100
 65 27.7 25.4 38.0

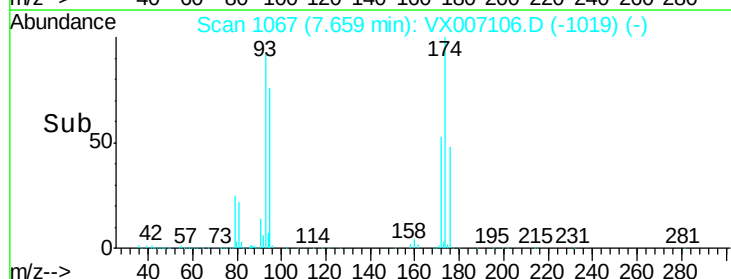
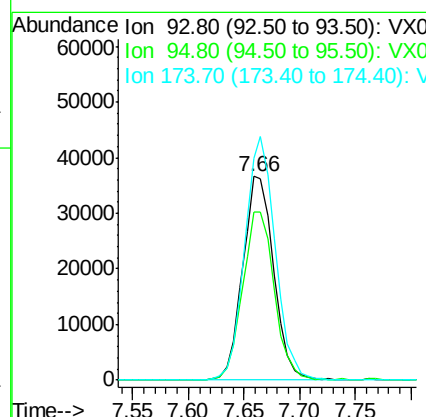
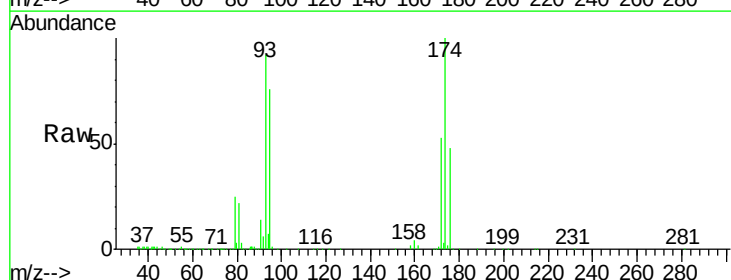
Manual Integrations
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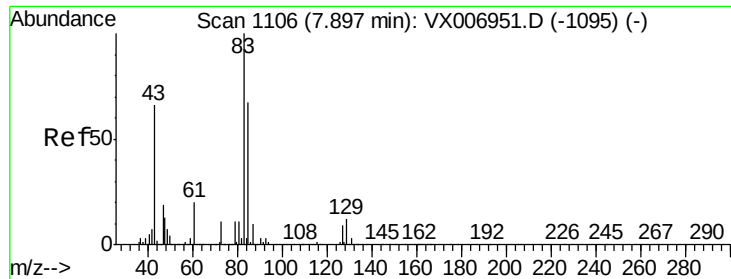
MMDadoda
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#46
 Dibromomethane
 Concen: 19.706 ug/l
 RT: 7.66 min Scan# 1067
 Delta R.T. -0.01 min
 Lab File: VX007106.D
 Acq: 17 Jan 2019 23:49

Tgt Ion: 93 Resp: 70917
 Ion Ratio Lower Upper
 93 100
 95 84.6 66.2 99.4
 174 117.1 91.0 136.4





#47

Bromodichloromethane

Concen: 19.496 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. 0.00 min

Lab File: VX007106.D

Acq: 17 Jan 2019 23:49

Instrument :

MSVOA_X

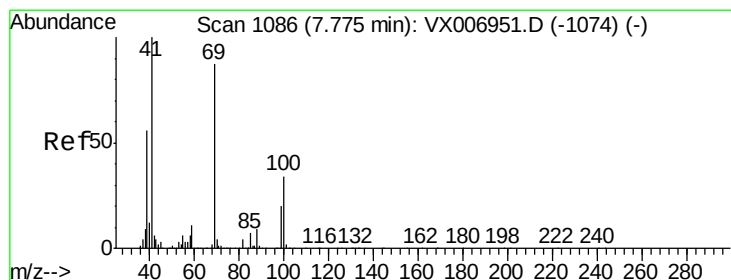
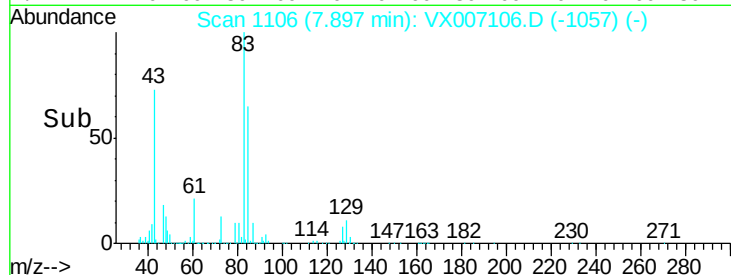
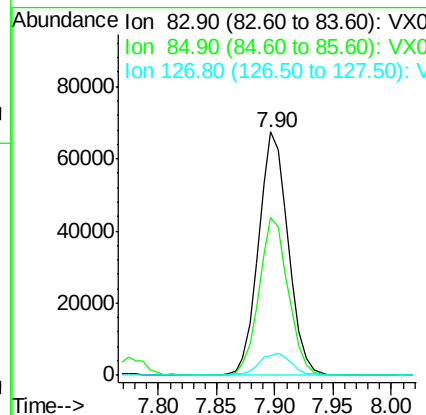
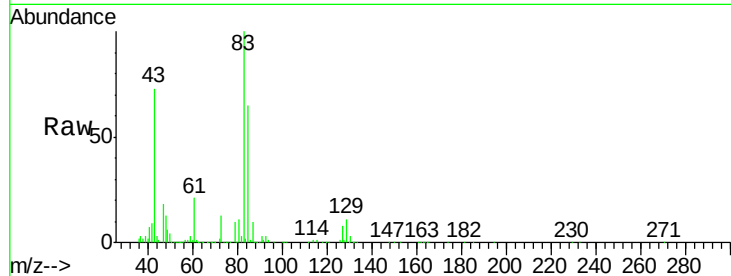
ClientSampleId :

VX0117WBSD02

Tot Ion:	83	Resp:	119429
Ion	Ratio	Lower	Upper
83	100		
85	65.0	53.2	79.8
127	8.3	7.8	11.6

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#48

Methyl methacrylate

Concen: 19.960 ug/l

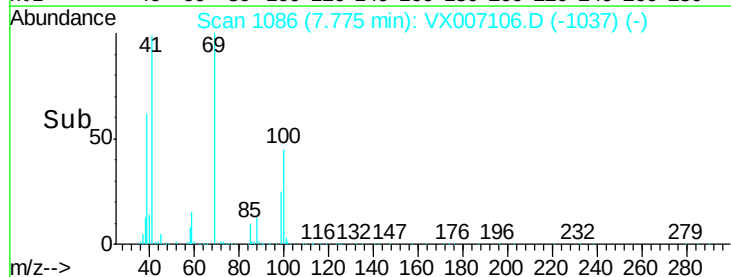
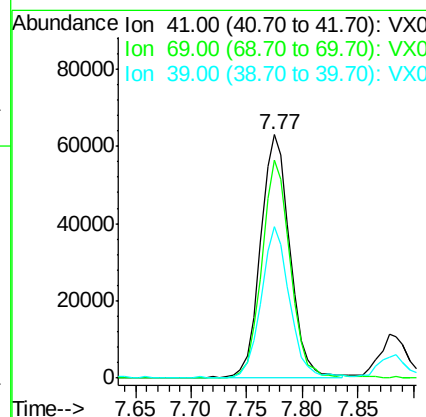
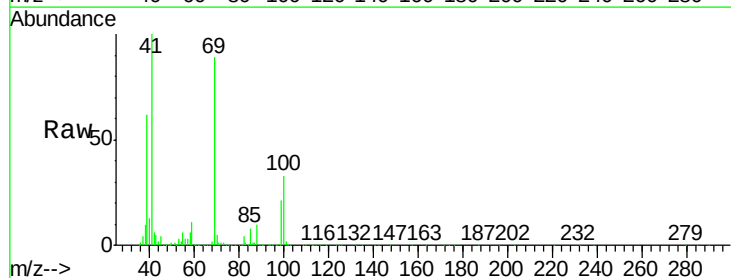
RT: 7.77 min Scan# 1086

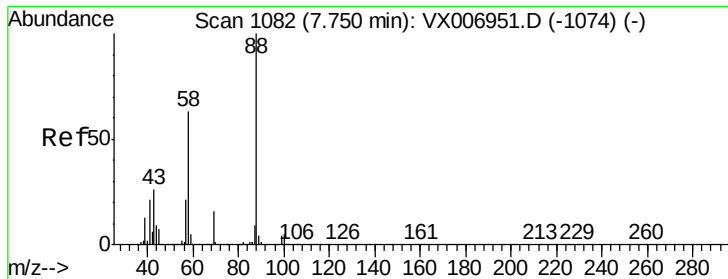
Delta R.T. 0.00 min

Lab File: VX007106.D

Acq: 17 Jan 2019 23:49

Tgt Ion:	41	Resp:	115707
Ion	Ratio	Lower	Upper
41	100		
69	87.5	72.4	108.6
39	59.0	45.8	68.8





#49

1,4-Dioxane

Concen: 414.267 ug/l

RT: 7.75 min Scan# 1082

Delta R.T. 0.00 min

Lab File: VX007106.D

Acq: 17 Jan 2019 23:49

Instrument :

MSVOA_X

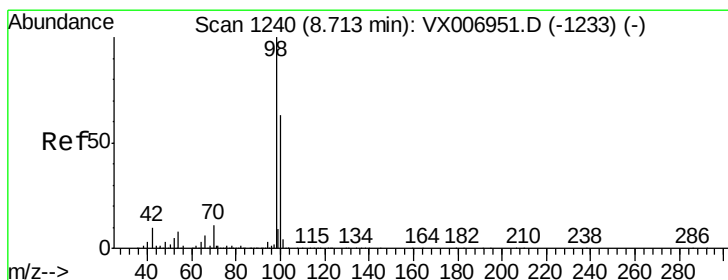
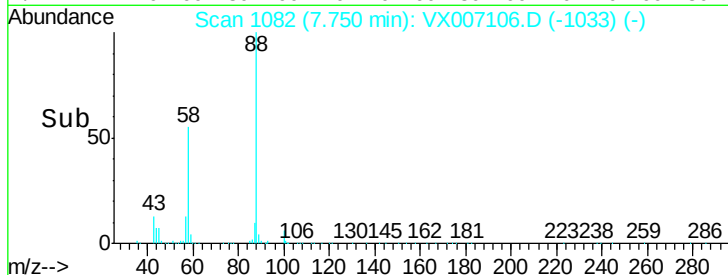
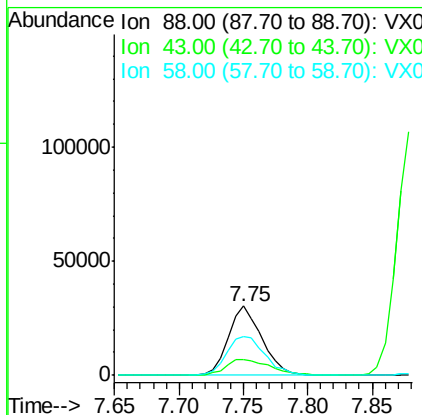
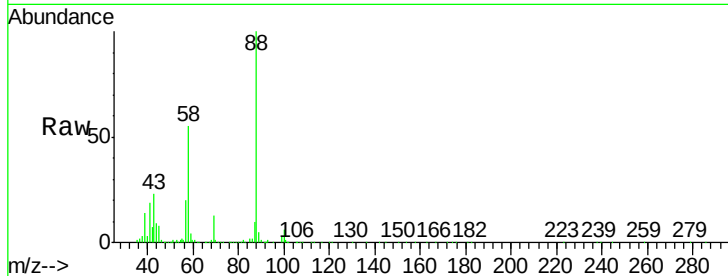
ClientSampleId :

VX0117WBSD02

Tot Ion:	88	Resp:	55509
Ion	Ratio	Lower	Upper
88	100		
43	30.2	22.2	33.4
58	63.3	51.0	76.4

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#50

Toluene-d8

Concen: 50.755 ug/l

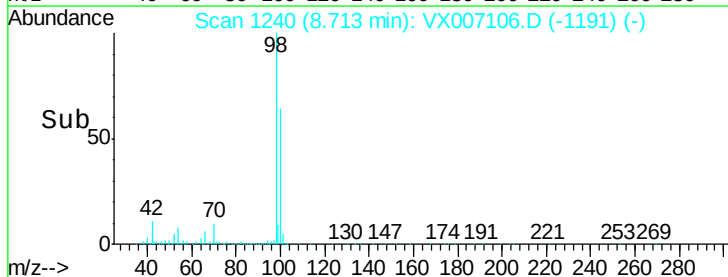
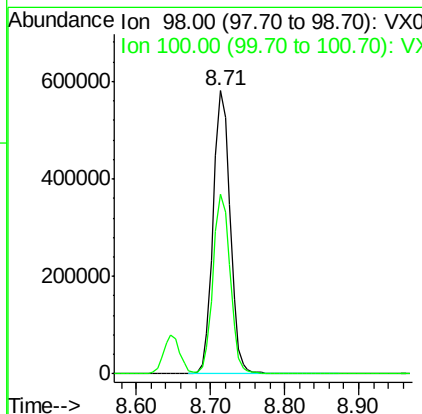
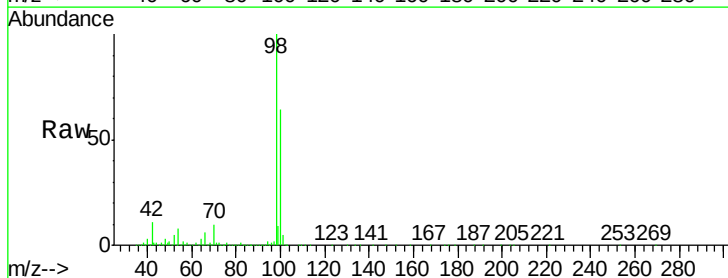
RT: 8.71 min Scan# 1240

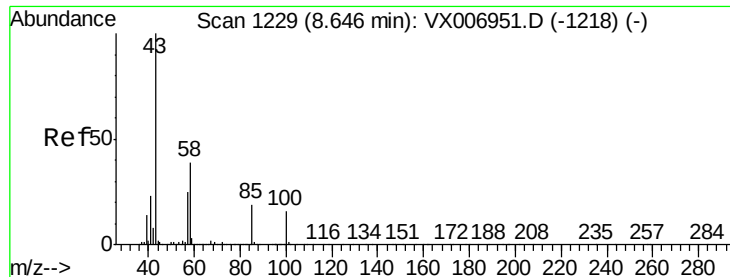
Delta R.T. 0.00 min

Lab File: VX007106.D

Acq: 17 Jan 2019 23:49

Tgt Ion:	98	Resp:	913465
Ion	Ratio	Lower	Upper
98	100		
100	64.0	52.0	78.0





#51

4-Methyl-2-Pentanone

Concen: 104.942 ug/l

RT: 8.65 min Scan# 1229

Delta R.T. 0.00 min

Lab File: VX007106.D

Acq: 17 Jan 2019 23:49

Instrument :

MSVOA_X

ClientSampleId :

VX0117WBSD02

Tot Ion: 43 Resp: 761318

Ion Ratio Lower Upper

43 100

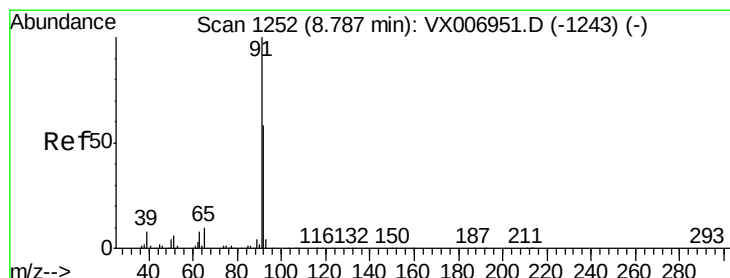
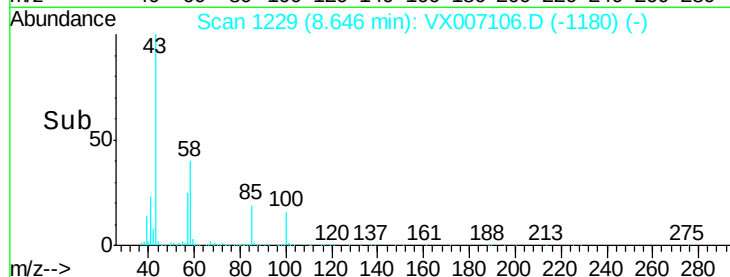
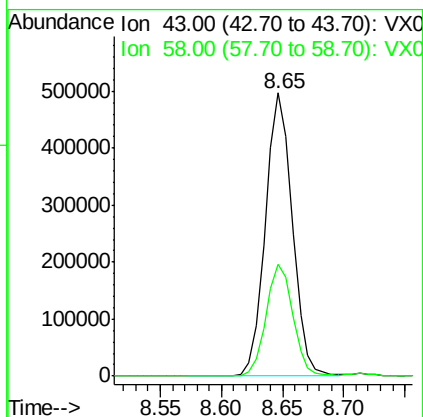
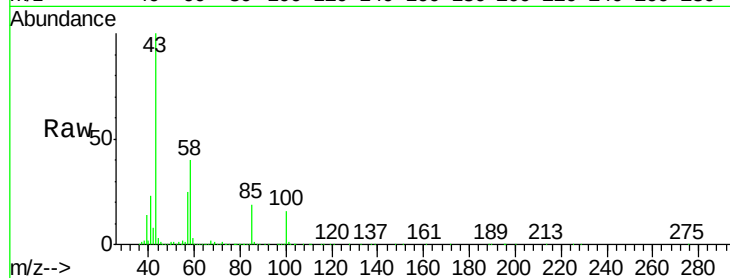
58 39.4 31.8 47.6

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#52

Toluene

Concen: 19.026 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. 0.00 min

Lab File: VX007106.D

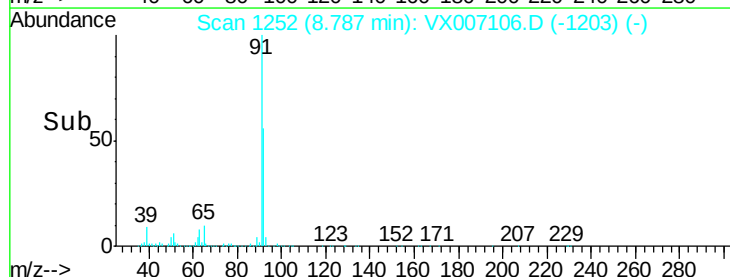
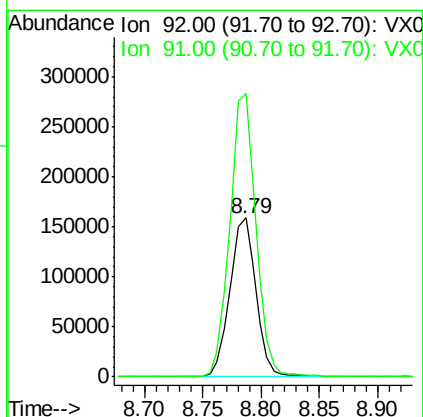
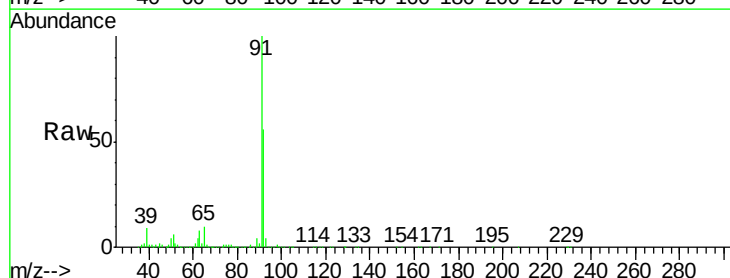
Acq: 17 Jan 2019 23:49

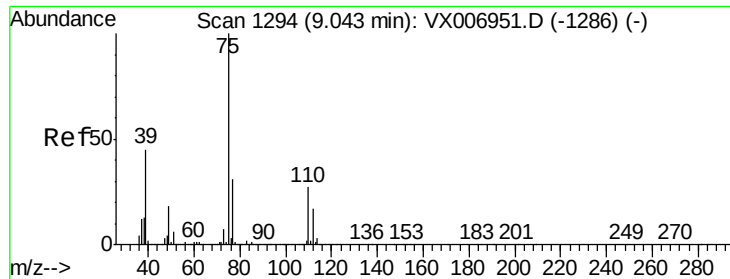
Tgt Ion: 92 Resp: 249072

Ion Ratio Lower Upper

92 100

91 179.1 137.6 206.4





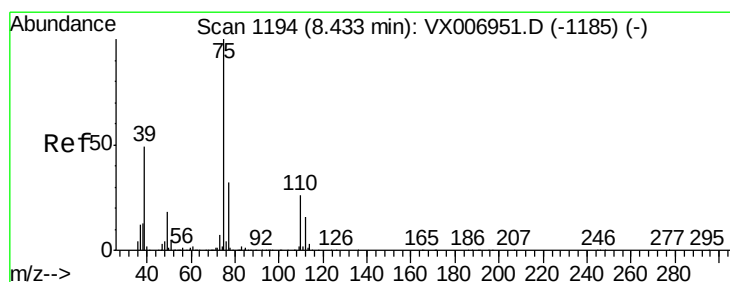
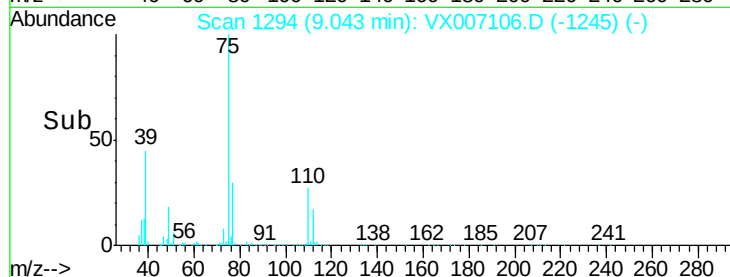
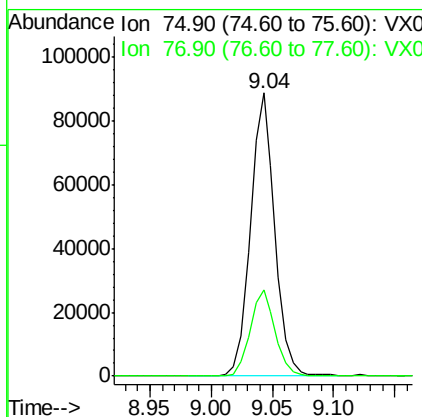
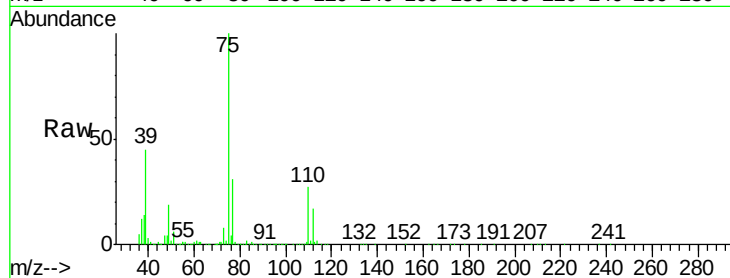
#53
t-1,3-Dichloropropene
Concen: 17.991 ug/l
RT: 9.04 min Scan# 1294
Delta R.T. 0.00 min
Lab File: VX007106.D
Acq: 17 Jan 2019 23:49

Instrument :
MSVOA_X
ClientSampleId :
VX0117WBSD02

Tot Ion	Ratio	Lower	Upper
75	100		
77	30.6	25.4	38.0

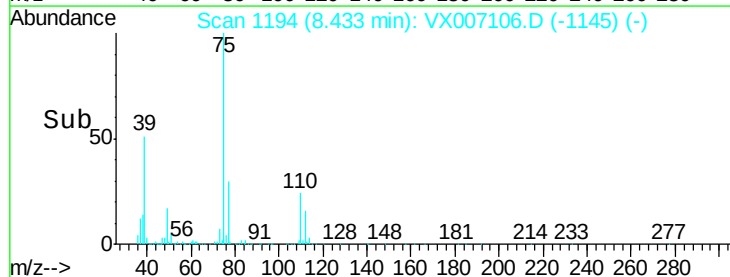
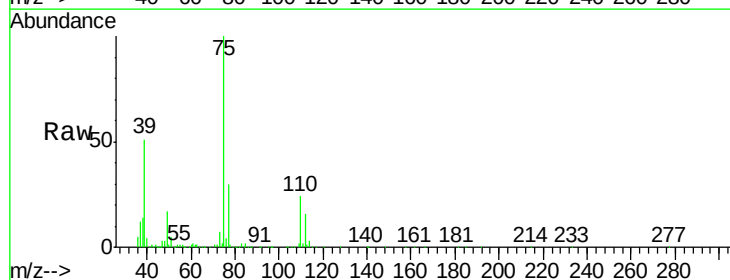
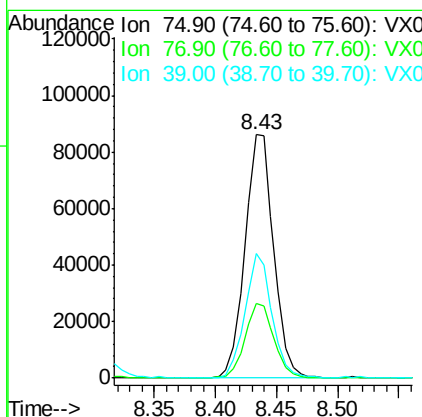
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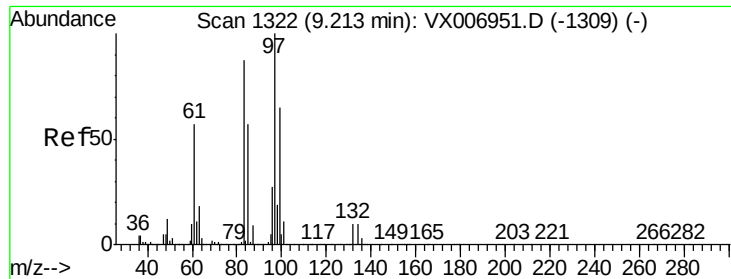
MMDadoda
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#54
cis-1,3-Dichloropropene
Concen: 18.683 ug/l
RT: 8.43 min Scan# 1194
Delta R.T. 0.00 min
Lab File: VX007106.D
Acq: 17 Jan 2019 23:49

Tgt Ion	Ratio	Lower	Upper
75	100		
77	30.4	26.2	39.2
39	50.7	36.7	55.1





#55

1,1,2-Trichloroethane

Concen: 20.630 ug/l

RT: 9.21 min Scan# 1322

Delta R.T. 0.00 min

Lab File: VX007106.D

Acq: 17 Jan 2019 23:49

Instrument :

MSVOA_X

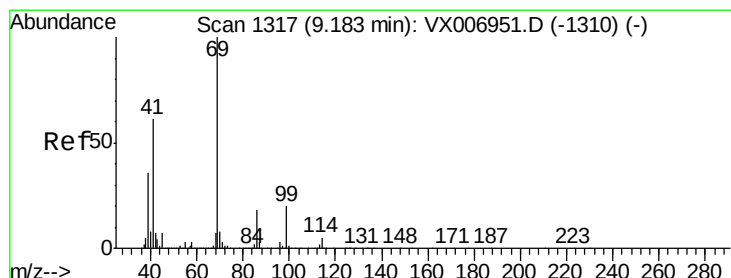
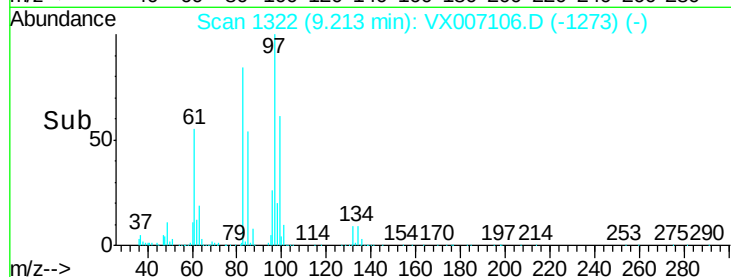
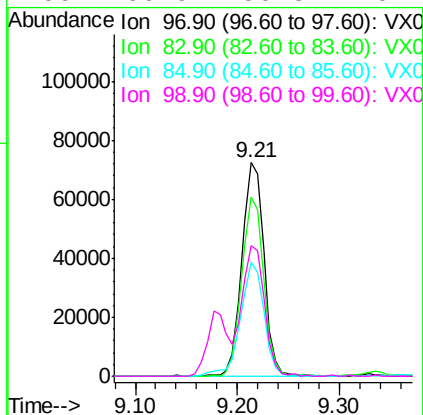
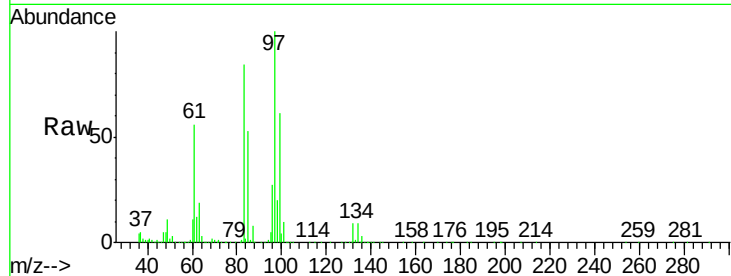
ClientSampleId :

VX0117WBSD02

Tot Ion	Ratio	Lower	Upper
97	100		
83	83.6	66.6	99.8
85	53.5	42.7	64.1
99	60.9	50.8	76.2

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#56

Ethyl methacrylate

Concen: 20.020 ug/l

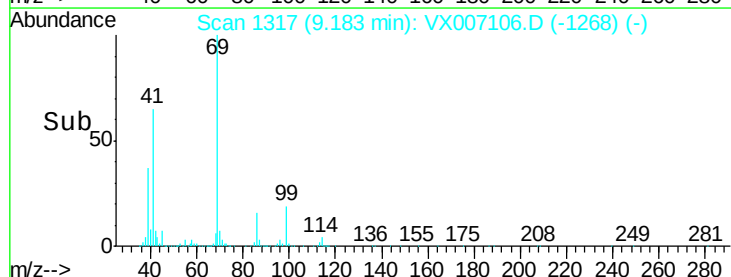
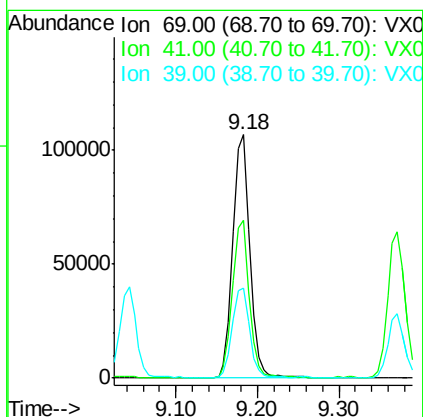
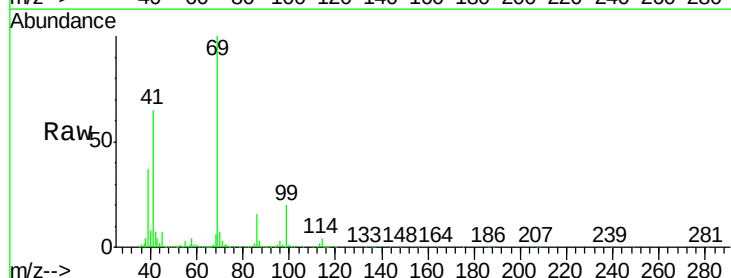
RT: 9.18 min Scan# 1317

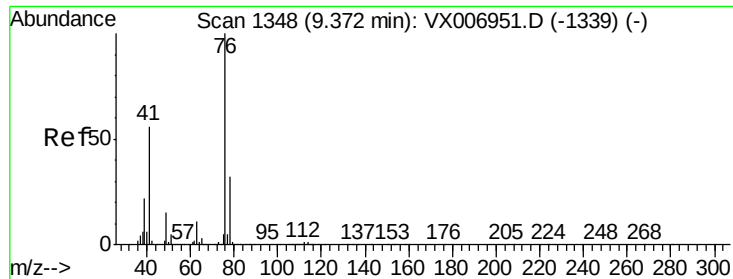
Delta R.T. 0.00 min

Lab File: VX007106.D

Acq: 17 Jan 2019 23:49

Tgt Ion	Ratio	Lower	Upper
69	100		
41	63.7	48.7	73.1
39	37.5	27.0	40.6





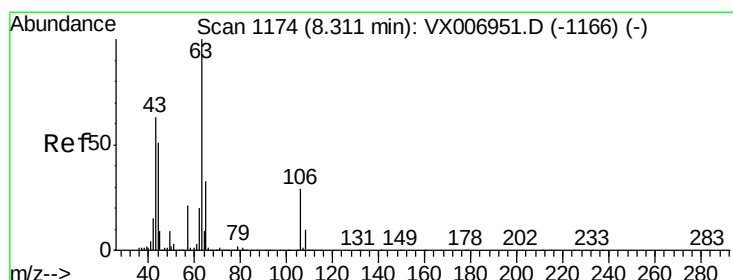
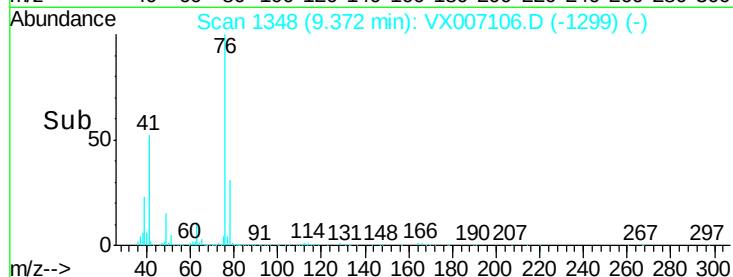
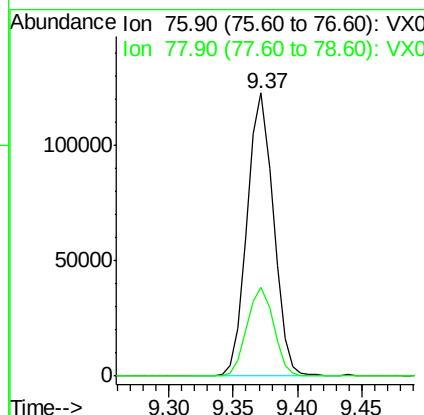
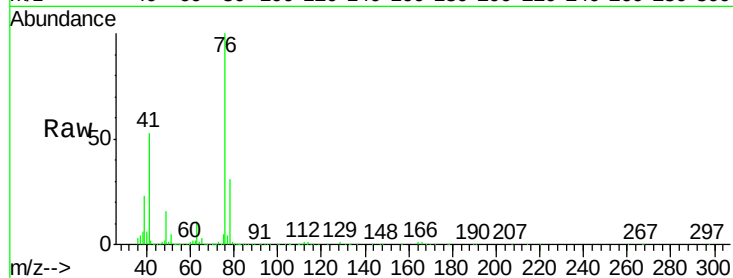
#57
 1,3-Dichloropropane
 Concen: 20.240 ug/l
 RT: 9.37 min Scan# 1348
 Delta R.T. 0.00 min
 Lab File: VX007106.D
 Acq: 17 Jan 2019 23:49

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0117WBSD02

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.1	26.0	39.0

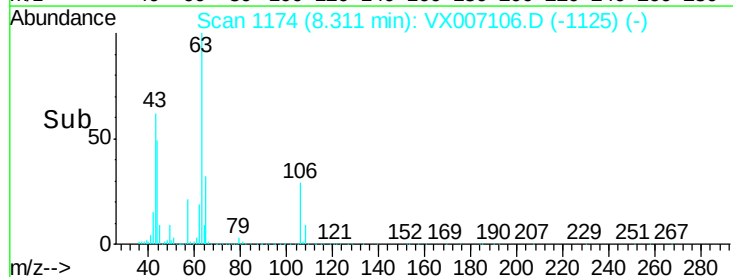
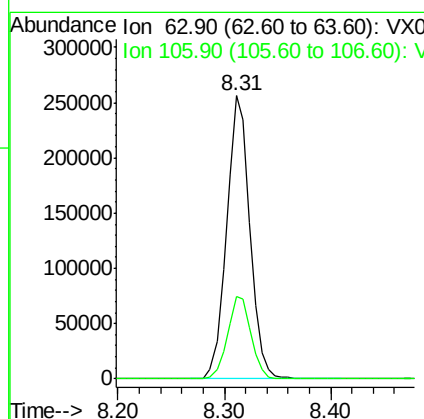
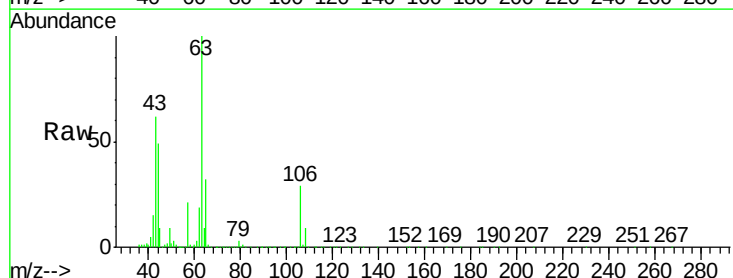
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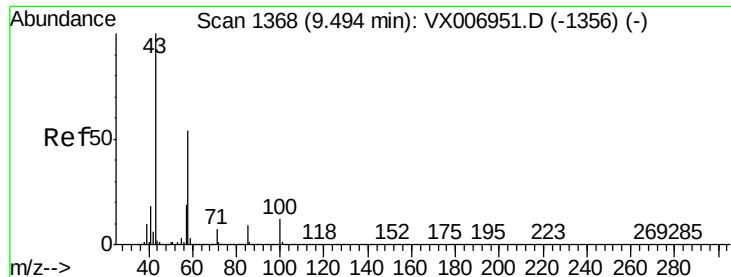
MMDadoda
 1/18/2019 10:23:00 AM



#58
 2-Chloroethyl Vinyl ether
 Concen: 98.995 ug/l
 RT: 8.31 min Scan# 1174
 Delta R.T. 0.00 min
 Lab File: VX007106.D
 Acq: 17 Jan 2019 23:49

Tgt Ion	Ratio	Lower	Upper
63	100		
106	29.7	24.6	36.8





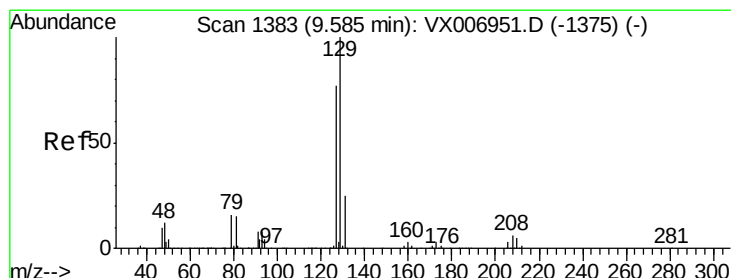
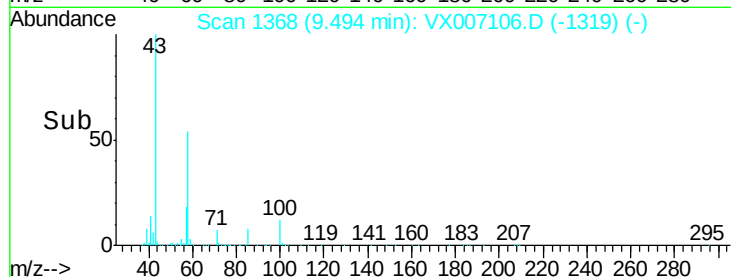
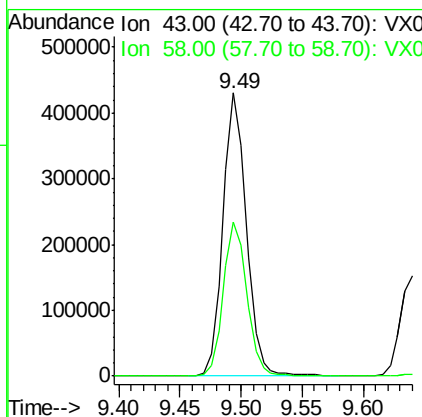
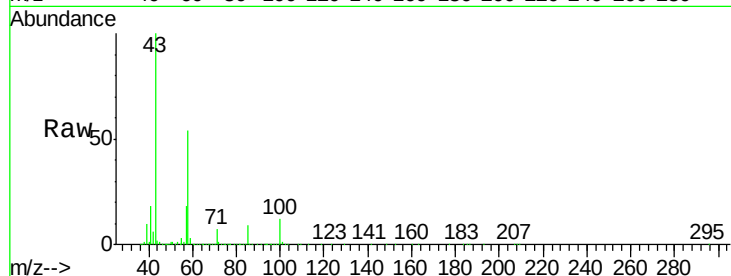
#59
2-Hexanone
Concen: 103.643 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. 0.00 min
Lab File: VX007106.D
Acq: 17 Jan 2019 23:49

Instrument :
MSVOA_X
ClientSampleId :
VX0117WBSD02

Tot Ion: 43 Resp: 572988
Ion Ratio Lower Upper
43 100
58 55.0 27.7 83.1

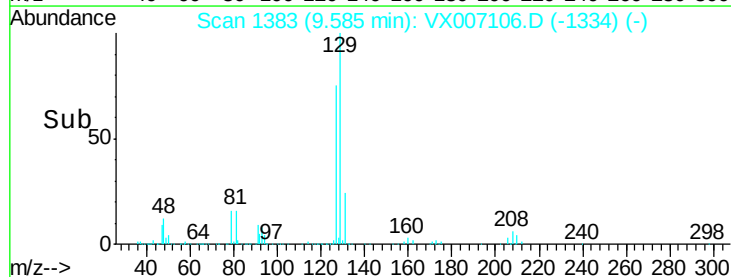
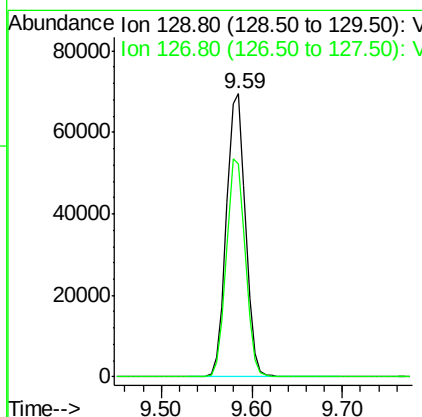
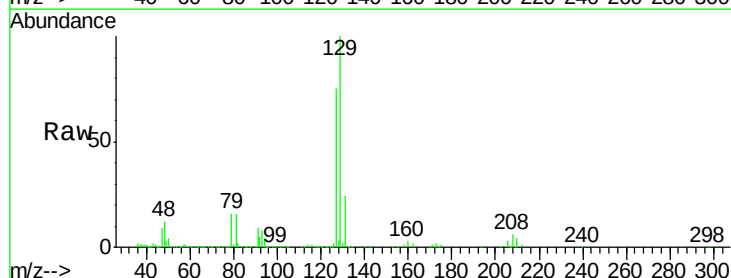
Manual Integrations
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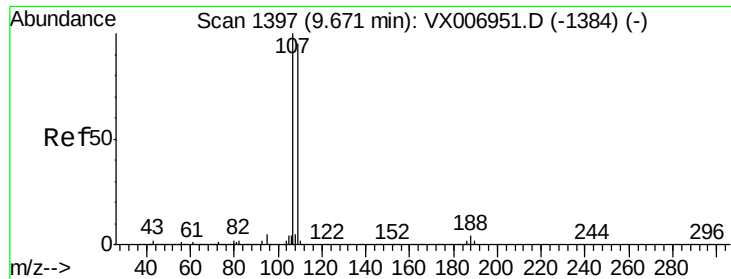
MMDadoda
1/18/2019 10:23:00 AM



#60
Dibromochloromethane
Concen: 19.969 ug/l
RT: 9.59 min Scan# 1383
Delta R.T. 0.00 min
Lab File: VX007106.D
Acq: 17 Jan 2019 23:49

Tgt Ion: 129 Resp: 101609
Ion Ratio Lower Upper
129 100
127 76.6 39.3 117.8





#61

1,2-Dibromoethane

Concen: 19.699 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. 0.00 min

Lab File: VX007106.D

Acq: 17 Jan 2019 23:49

Instrument :

MSVOA_X

ClientSampleId :

VX0117WBSD02

Tot Ion:107 Resp: 113636

Ion Ratio Lower Upper

107 100

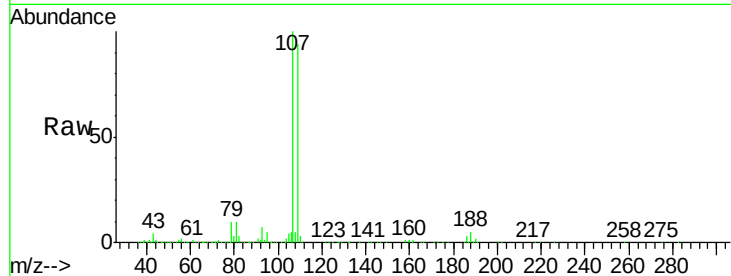
109 94.7 75.8 113.6

Manual Integrations

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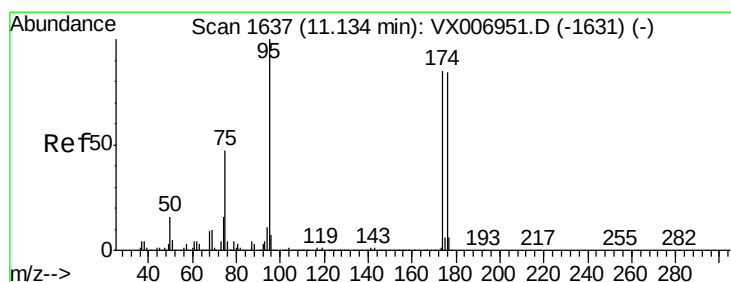
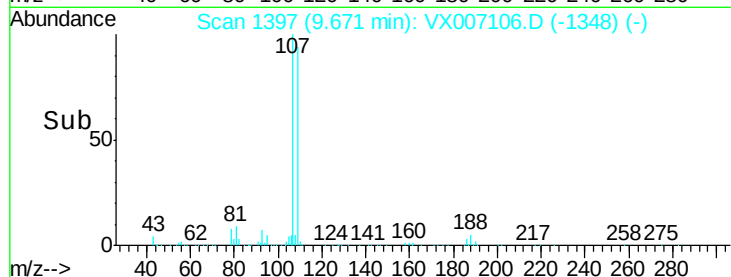
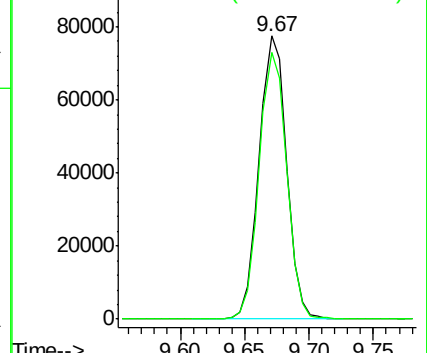
MMDadoda

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Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 50.798 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX007106.D

Acq: 17 Jan 2019 23:49

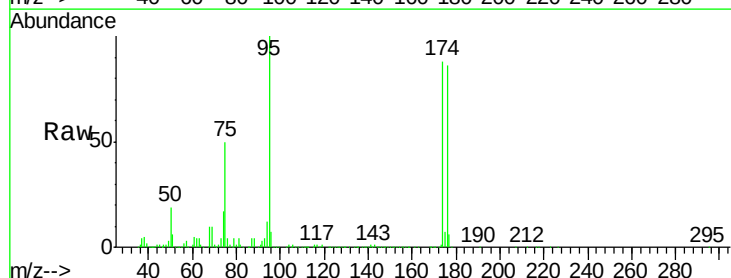
Tgt Ion: 95 Resp: 318725

Ion Ratio Lower Upper

95 100

174 94.6 0.0 182.2

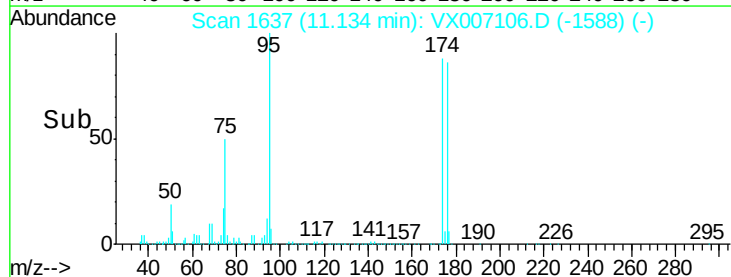
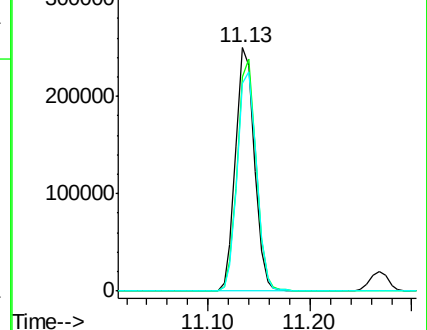
176 91.9 0.0 178.8

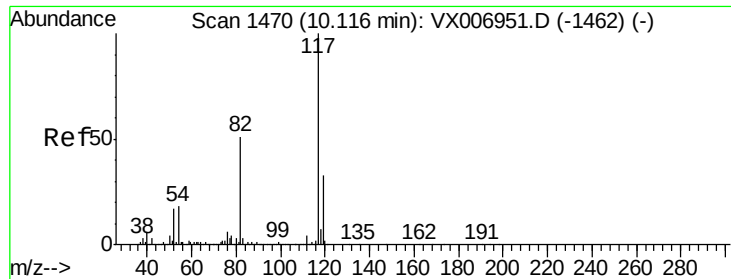


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





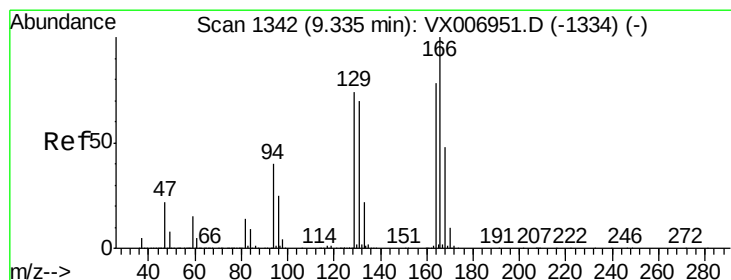
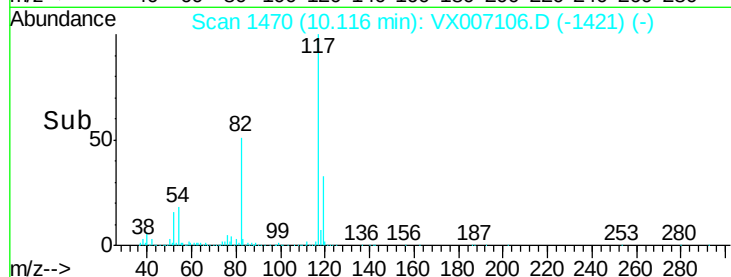
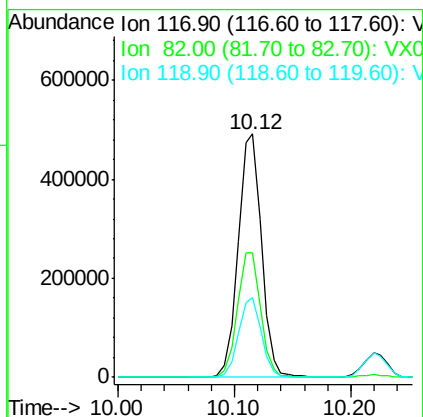
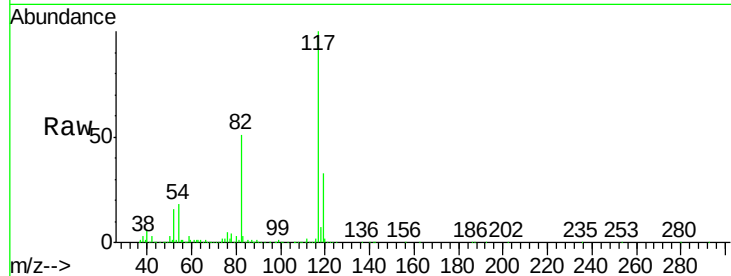
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VX007106.D
Acq: 17 Jan 2019 23:49

Instrument :
MSVOA_X
ClientSampleId :
VX0117WBSD02

Tot Ion	Ratio	Resp	Lower	Upper
117	100	684990		
82	51.0		41.0	61.6
119	32.7		25.4	38.0

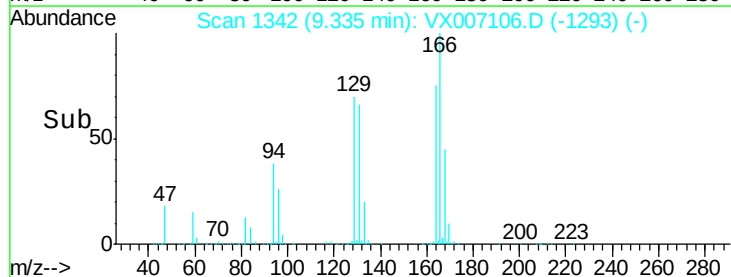
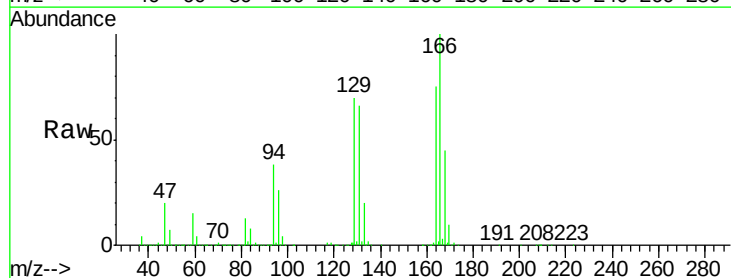
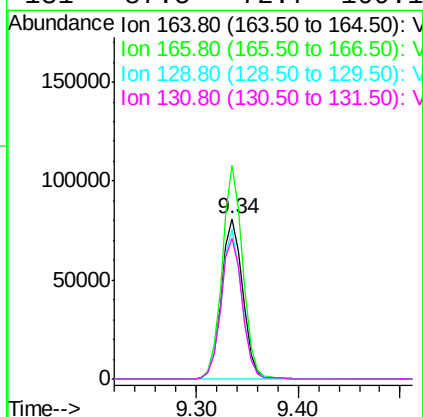
Manual Integrations
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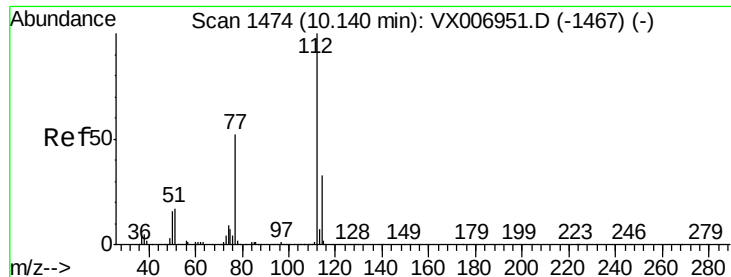
MMDadoda
1/18/2019 10:23:00 AM



#64
Tetrachloroethene
Concen: 19.938 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX007106.D
Acq: 17 Jan 2019 23:49

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	118242		
166	133.0		102.5	153.7
129	93.0		75.1	112.7
131	87.5		72.7	109.1





#65

Chlorobenzene

Concen: 19.550 ug/l

RT: 10.14 min Scan# 1474

Delta R.T. 0.00 min

Lab File: VX007106.D

Acq: 17 Jan 2019 23:49

Instrument :

MSVOA_X

ClientSampleId :

VX0117WBSD02

Tot Ion:112 Resp: 292081

Ion Ratio Lower Upper

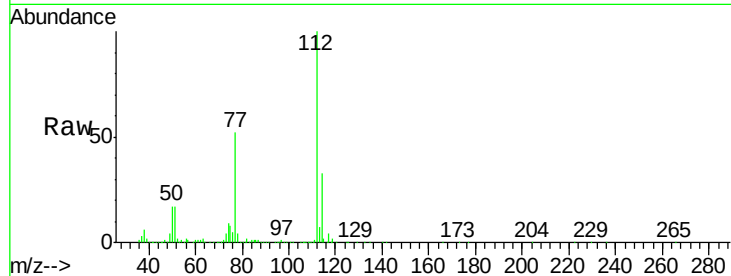
112 100

114 33.3 25.7 38.5

Manual Integrations
APPROVED

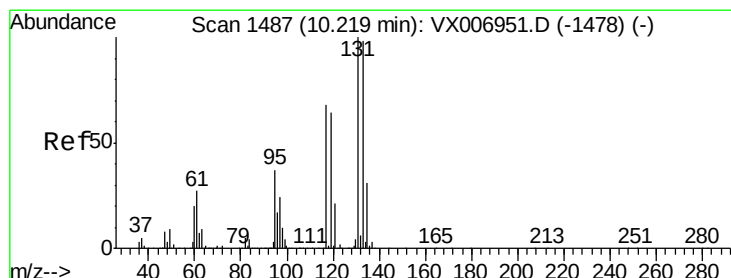
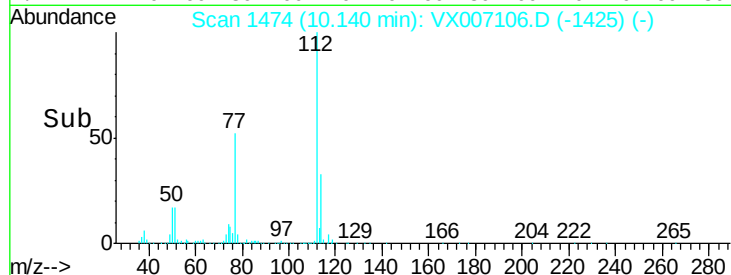
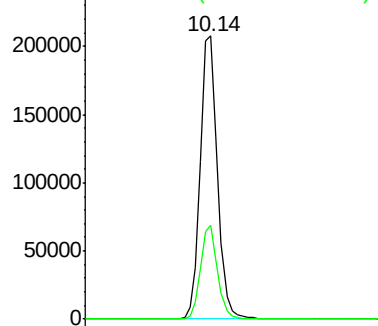
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Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 20.168 ug/l

RT: 10.22 min Scan# 1487

Delta R.T. 0.00 min

Lab File: VX007106.D

Acq: 17 Jan 2019 23:49

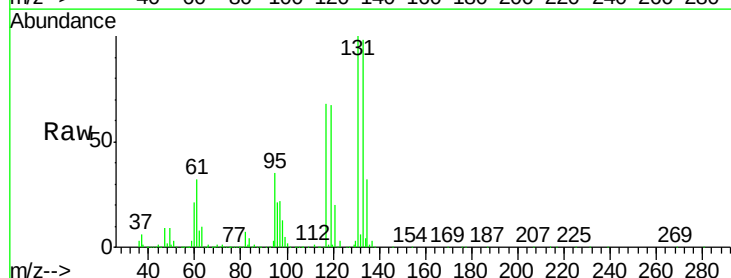
Tgt Ion:131 Resp: 101359

Ion Ratio Lower Upper

131 100

133 96.8 48.0 144.2

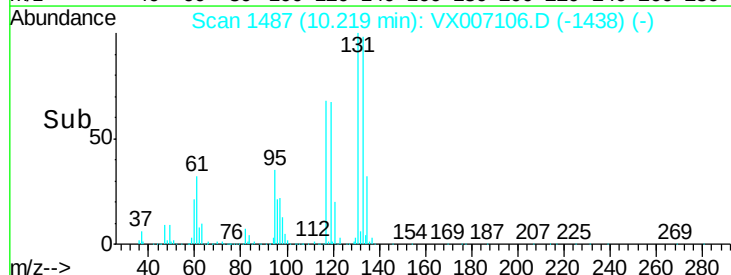
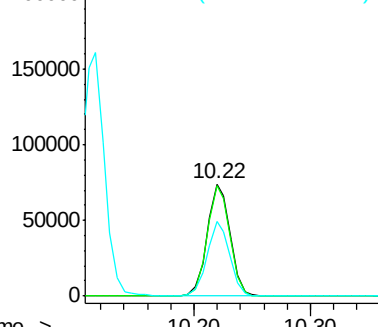
119 65.6 32.6 97.8

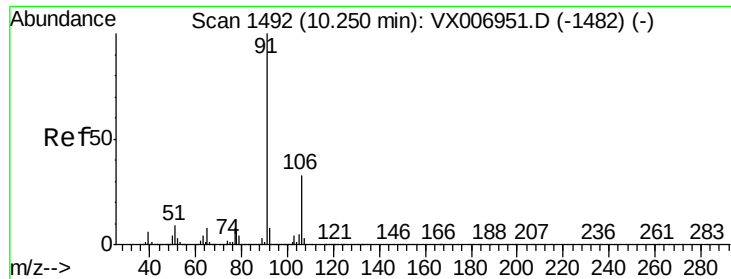


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





#67

Ethyl Benzene

Concen: 19.027 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. 0.00 min

Lab File: VX007106.D

Acq: 17 Jan 2019 23:49

Instrument :

MSVOA_X

ClientSampleId :

VX0117WBSD02

Tot Ion: 91 Resp: 469284

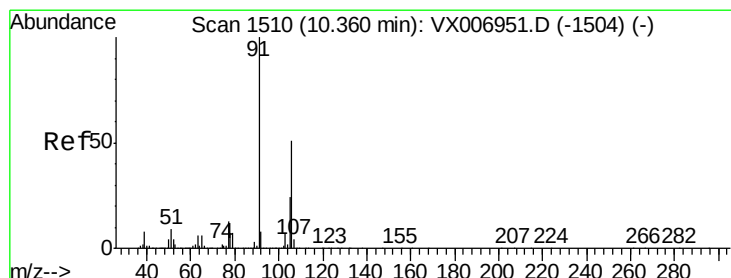
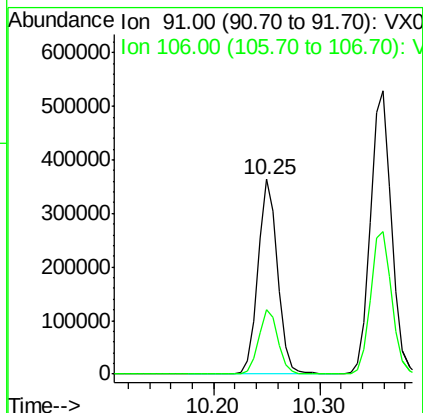
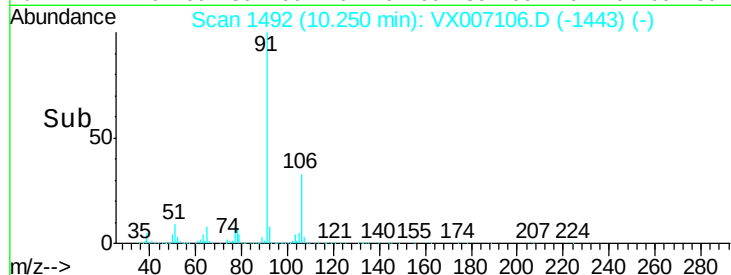
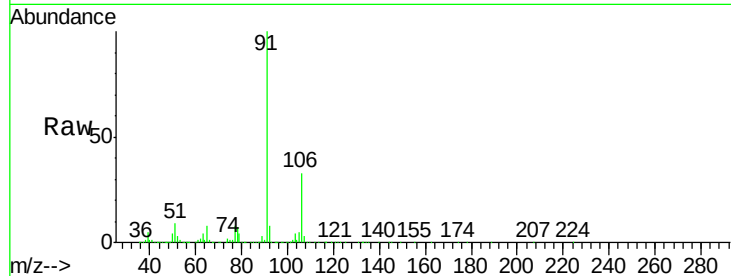
Ion Ratio Lower Upper

91 100

106 33.2 26.4 39.6

Manual Integrations
APPROVED

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#68

m/p-Xylenes

Concen: 37.941 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. 0.00 min

Lab File: VX007106.D

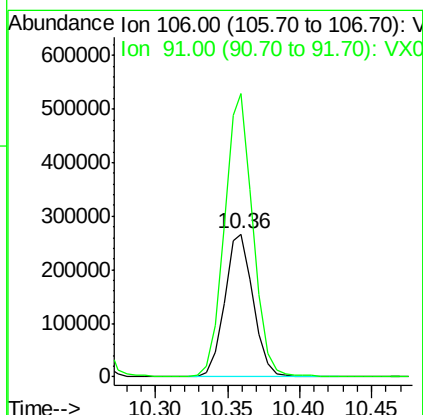
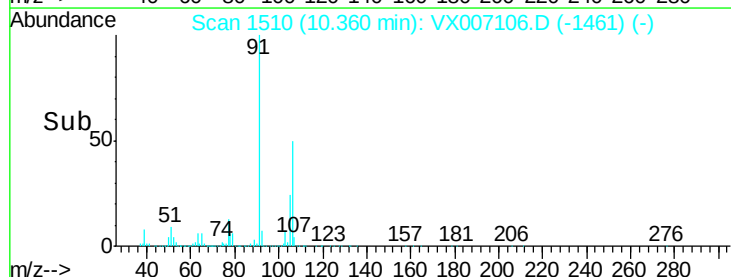
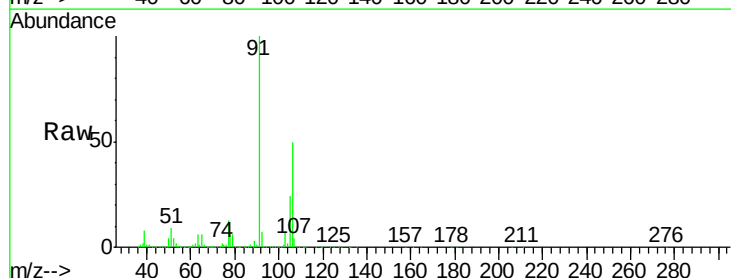
Acq: 17 Jan 2019 23:49

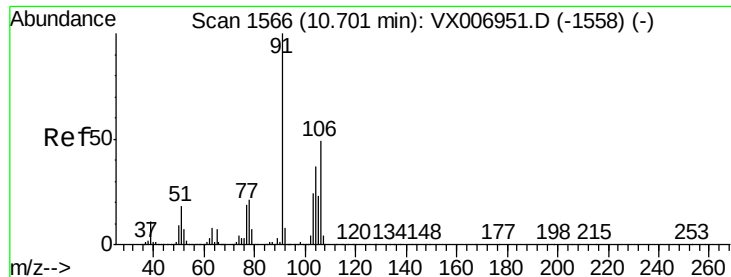
Tgt Ion: 106 Resp: 368686

Ion Ratio Lower Upper

106 100

91 197.3 155.8 233.6





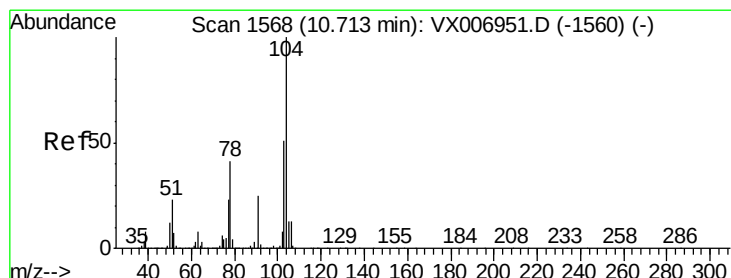
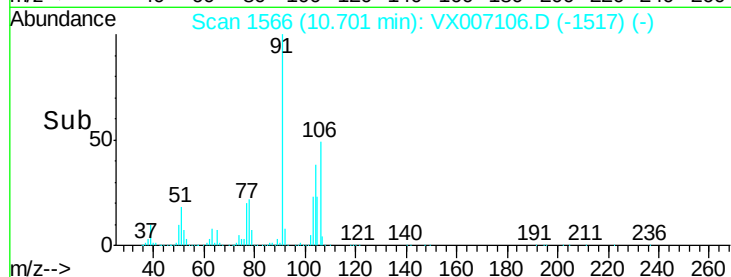
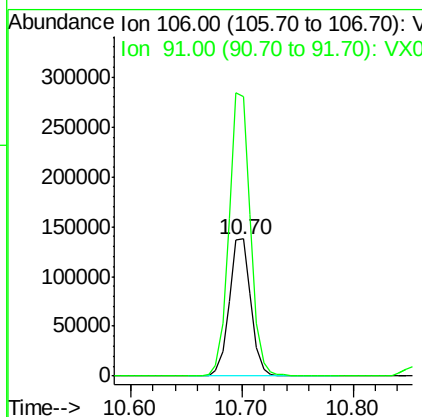
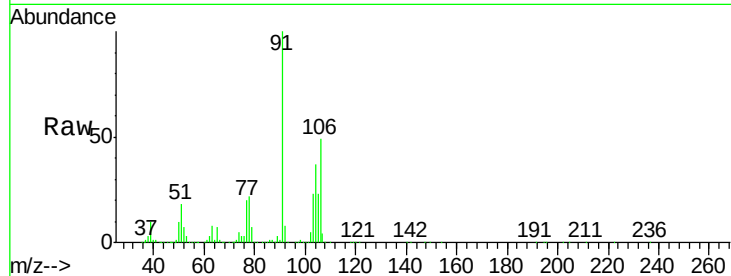
#69
o-Xylene
Concen: 19.491 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. 0.00 min
Lab File: VX007106.D
Acq: 17 Jan 2019 23:49

Instrument :
MSVOA_X
ClientSampleId :
VX0117WBSD02

Tot Ion	Ion	Ratio	Resp	Lower	Upper
106	100				
91	203.7	101.3	184711	303.7	

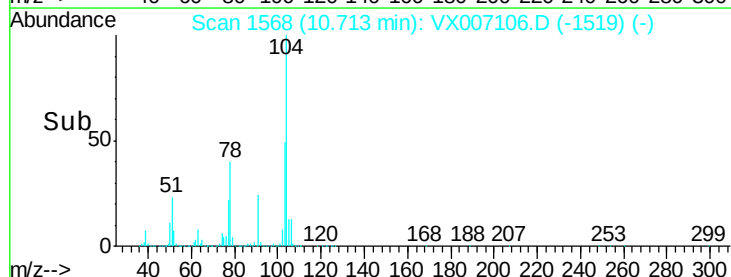
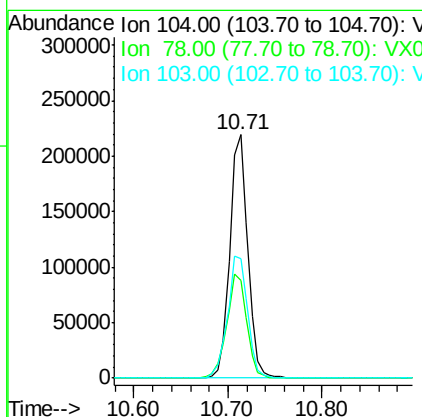
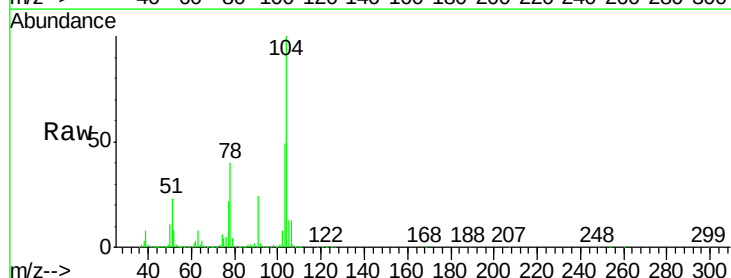
Manual Integrations
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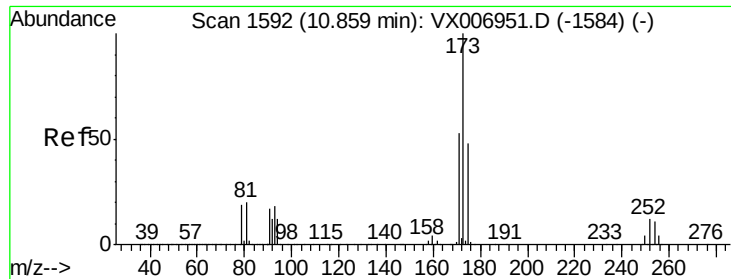
MMDadoda
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#70
Styrene
Concen: 19.338 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX007106.D
Acq: 17 Jan 2019 23:49

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
104	100				
78	47.7	37.7	290251	56.5	
103	56.2	43.8		65.8	





#71

Bromoform

Concen: 19.261 ug/l

RT: 10.85 min Scan# 1591

Delta R.T. -0.01 min

Lab File: VX007106.D

Acq: 17 Jan 2019 23:49

Instrument :

MSVOA_X

ClientSampled :

VX0117WBSD02

Tot Ion:173 Resp: 72175

Ion Ratio Lower Upper

173 100

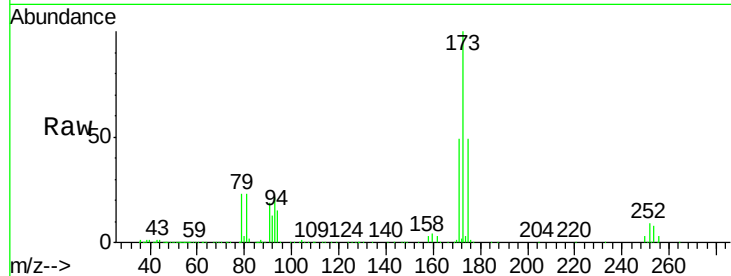
175 49.9 24.7 74.1

254 0.2 0.2 0.2

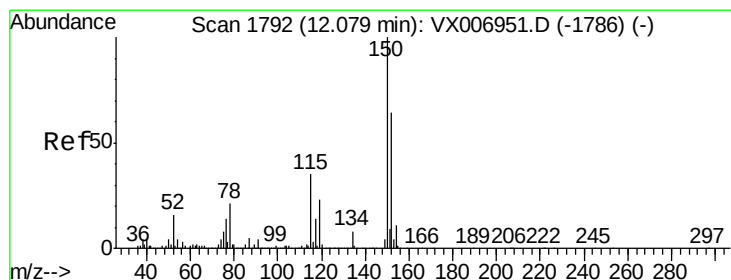
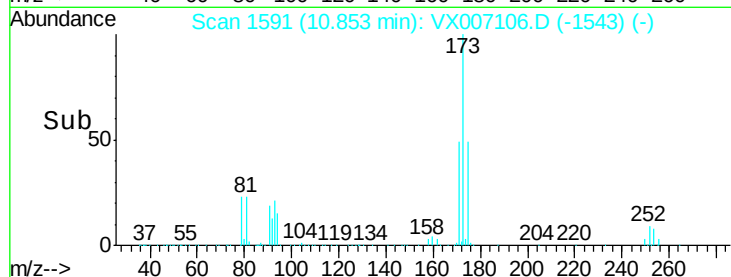
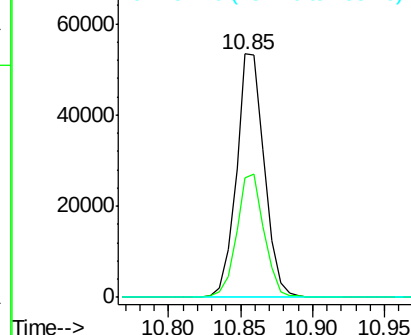
Manual Integrations
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Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX007106.D

Acq: 17 Jan 2019 23:49

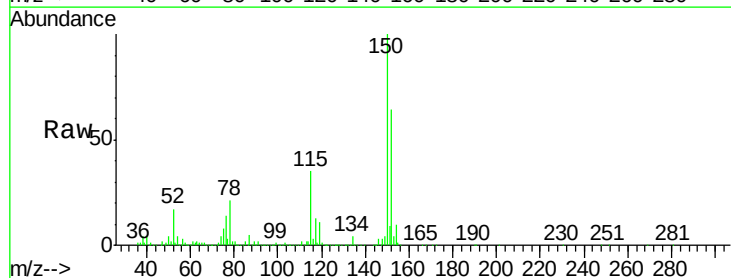
Tgt Ion:152 Resp: 342673

Ion Ratio Lower Upper

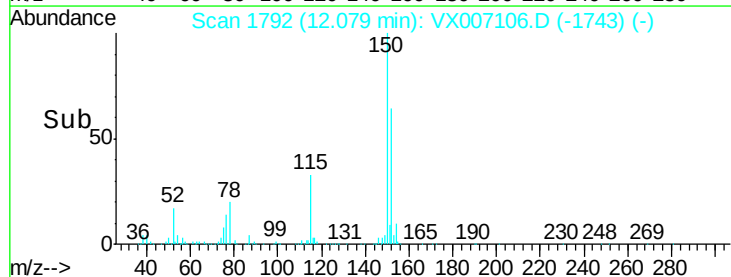
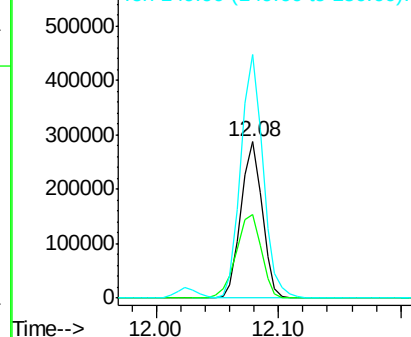
152 100

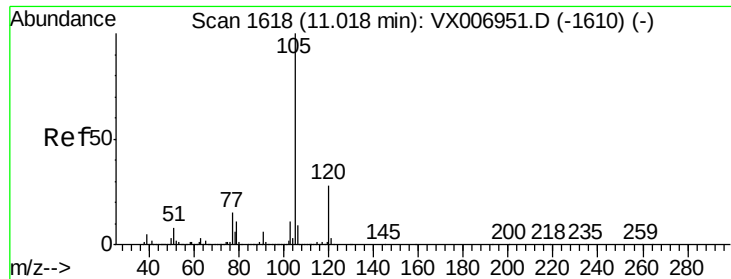
115 63.6 39.1 117.2

150 163.5 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: 19.998 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX007106.D

Acq: 17 Jan 2019 23:49

Instrument :

MSVOA_X

ClientSampleId :

VX0117WBSD02

Tot Ion: 105 Resp: 483223

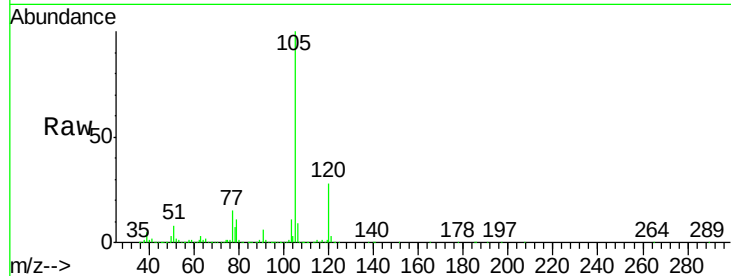
Ion Ratio Lower Upper

105 100

120 27.9 14.1 42.4

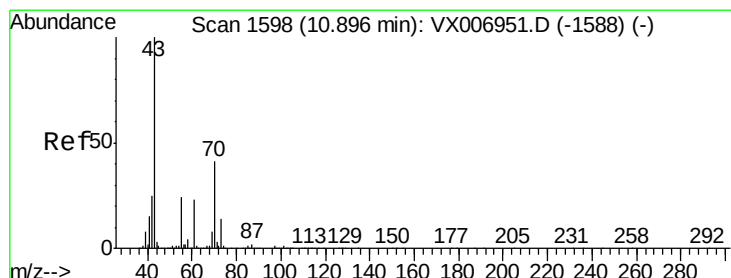
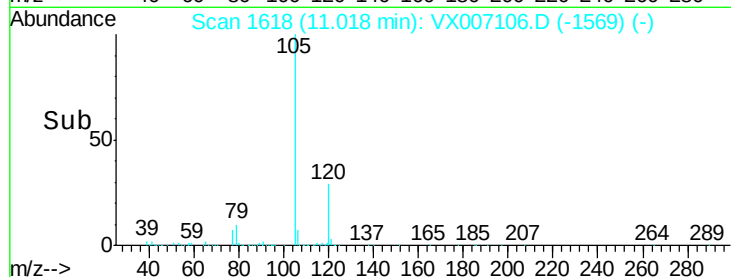
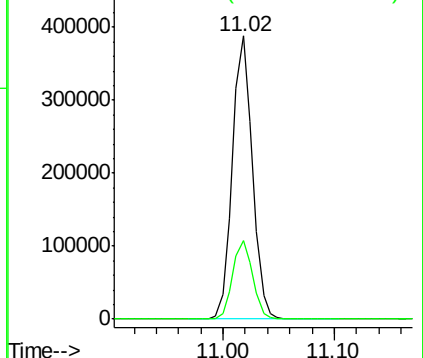
Manual Integrations
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 19.976 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. 0.00 min

Lab File: VX007106.D

Acq: 17 Jan 2019 23:49

Tgt Ion: 43 Resp: 194342

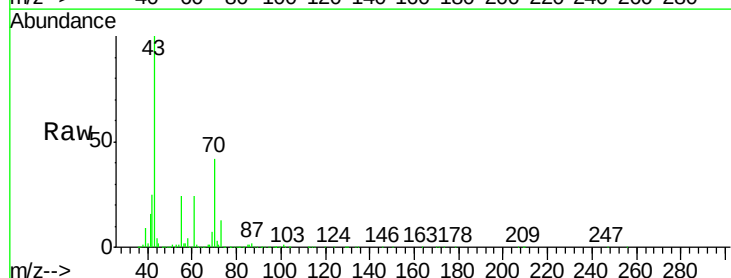
Ion Ratio Lower Upper

43 100

70 42.9 35.8 53.8

55 24.8 19.4 29.0

61 24.5 20.1 30.1

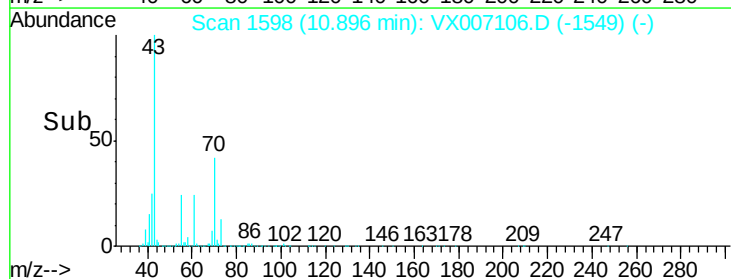
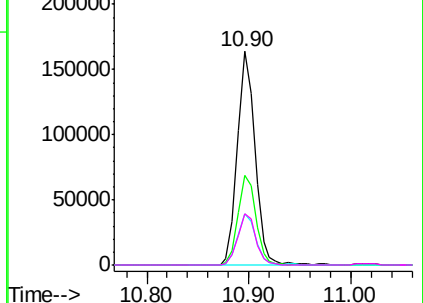


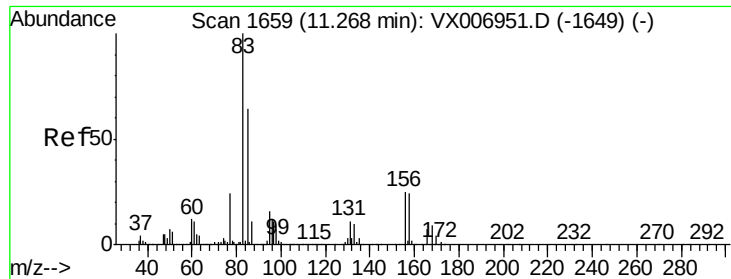
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 20.832 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. 0.00 min

Lab File: VX007106.D

Acq: 17 Jan 2019 23:49

Instrument :

MSVOA_X

ClientSampleId :

VX0117WBSD02

Tot Ion: 83 Resp: 159803

Ion Ratio Lower Upper

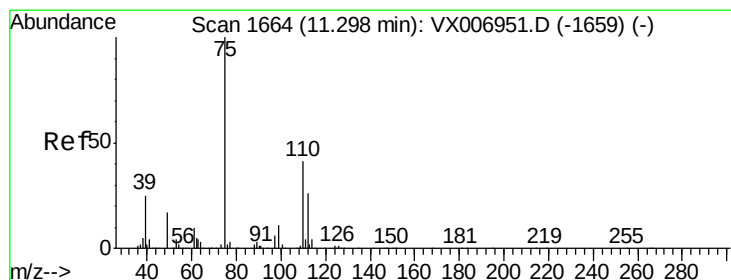
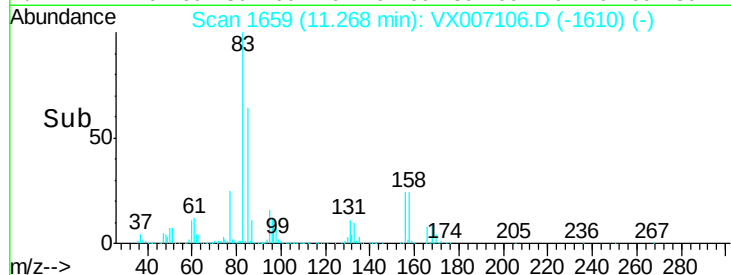
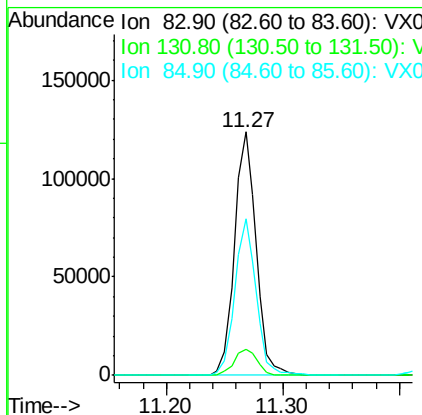
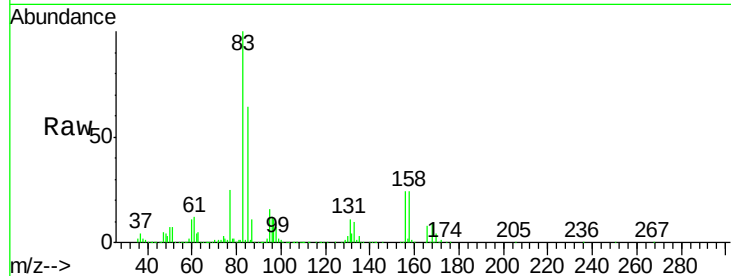
83 100

131 11.5 5.7 17.1

85 64.0 32.2 96.6

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 21.062 ug/l m

RT: 11.30 min Scan# 1664

Delta R.T. 0.00 min

Lab File: VX007106.D

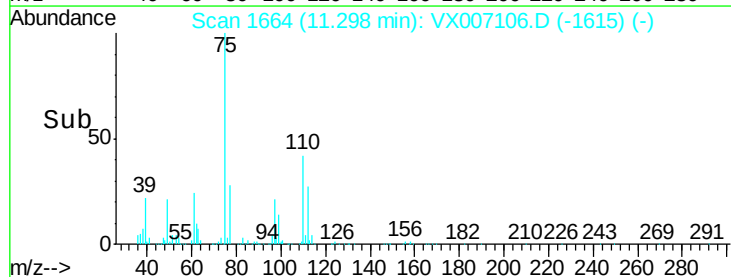
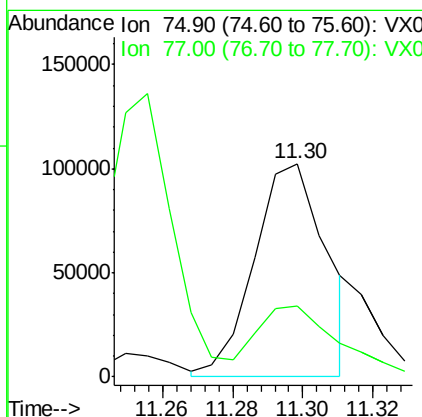
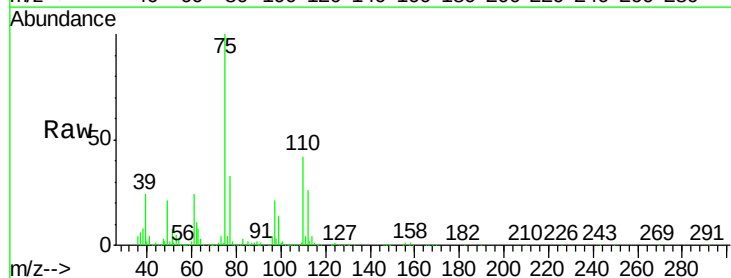
Acq: 17 Jan 2019 23:49

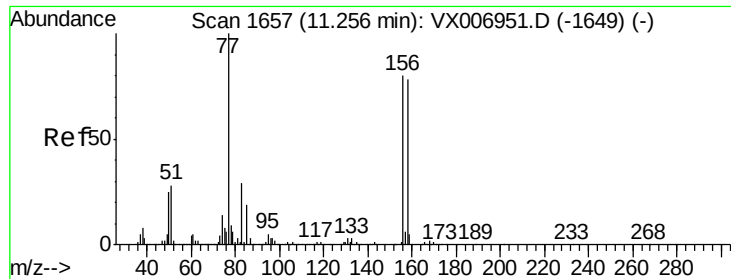
Tgt Ion: 75 Resp: 146257

Ion Ratio Lower Upper

75 100

77 37.6 18.5 55.5





#77

Bromobenzene

Concen: 19.546 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. 0.00 min

Lab File: VX007106.D

Acq: 17 Jan 2019 23:49

Instrument :

MSVOA_X

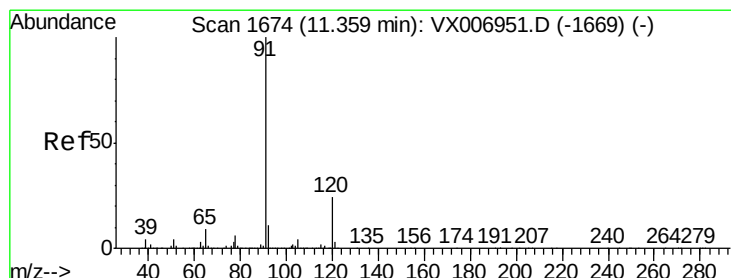
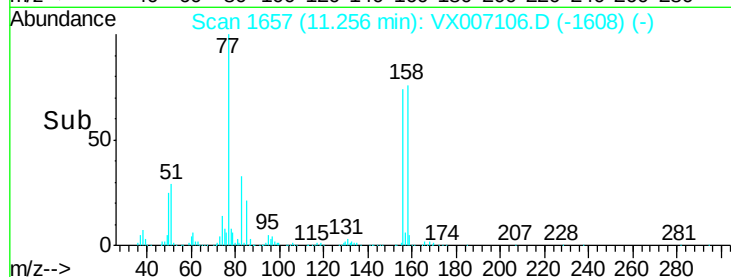
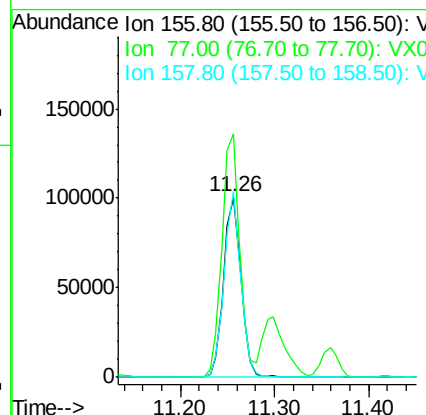
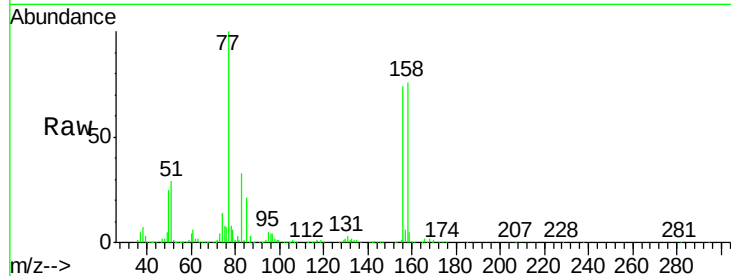
ClientSampleId :

VX0117WBSD02

Tot Ion	Ratio	Lower	Upper
156	100		
77	138.6	68.0	204.0
158	98.1	48.3	144.8

Manual Integrations
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#78

n-propylbenzene

Concen: 20.118 ug/l

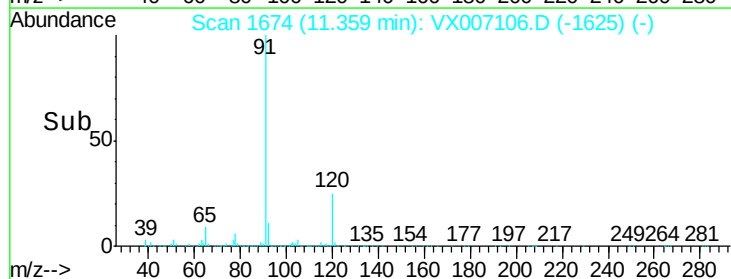
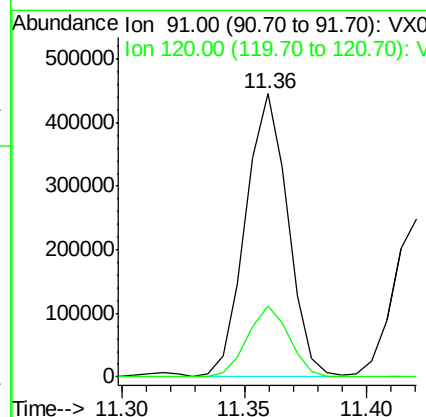
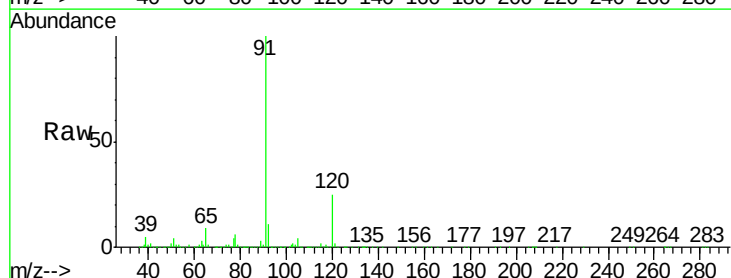
RT: 11.36 min Scan# 1674

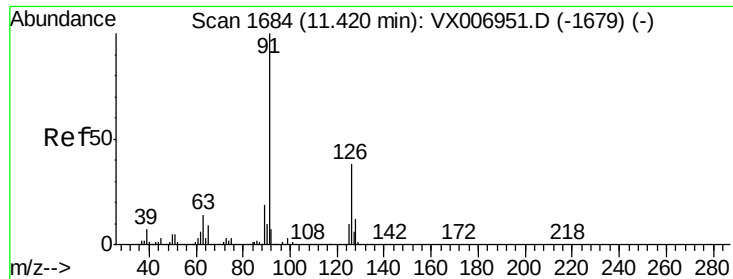
Delta R.T. 0.00 min

Lab File: VX007106.D

Acq: 17 Jan 2019 23:49

Tgt Ion	Ratio	Lower	Upper
91	100		
120	25.0	12.7	38.0





#79

2-Chlorotoluene

Concen: 19.819 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. 0.00 min

Lab File: VX007106.D

Acq: 17 Jan 2019 23:49

Instrument :

MSVOA_X

ClientSampleId :

VX0117WBSD02

Tot Ion: 91 Resp: 316470

Ion Ratio Lower Upper

91 100

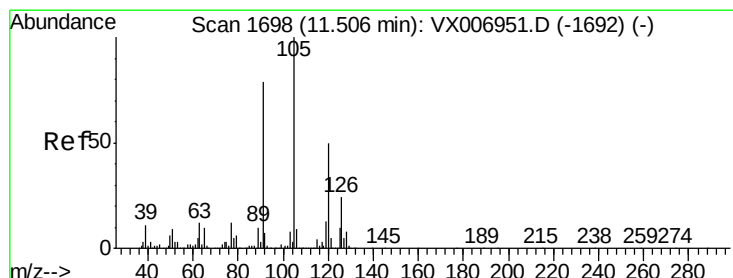
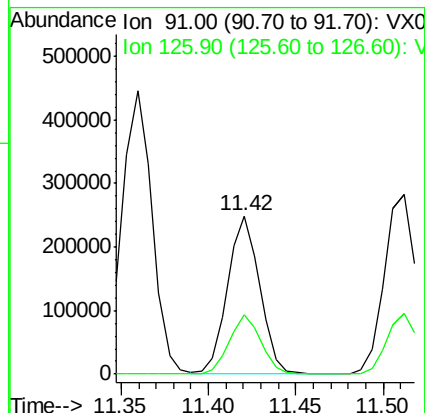
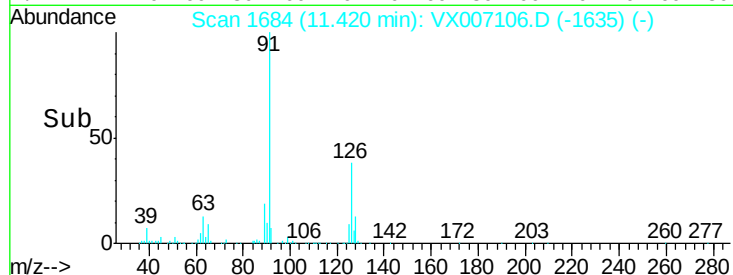
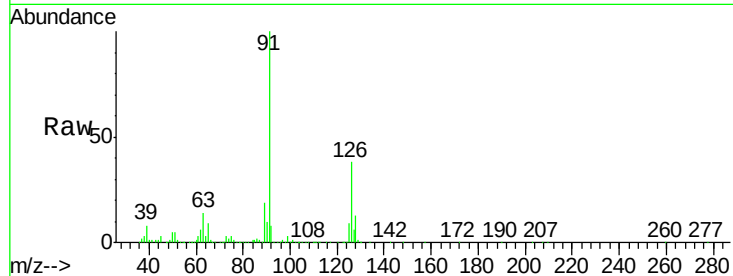
126 37.6 18.6 56.0

Manual Integrations

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#80

1,3,5-Trimethylbenzene

Concen: 19.762 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX007106.D

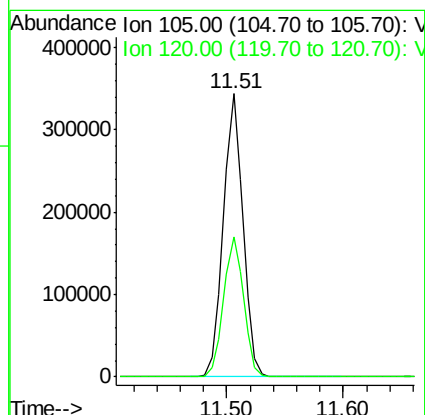
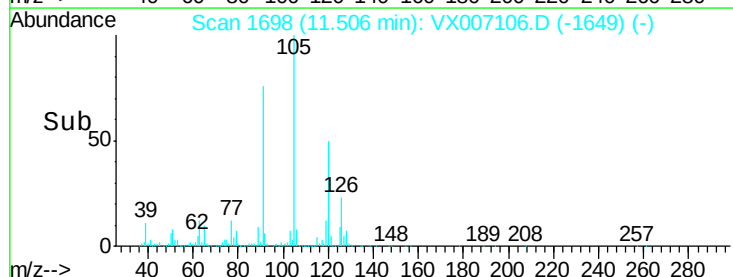
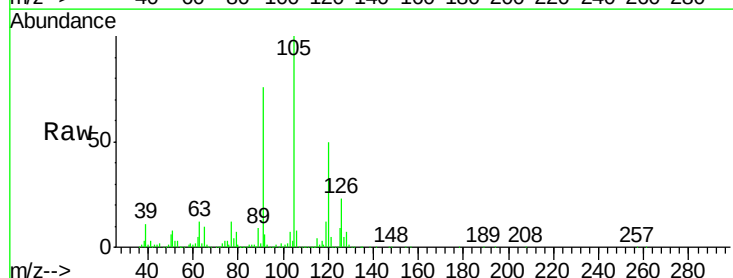
Acq: 17 Jan 2019 23:49

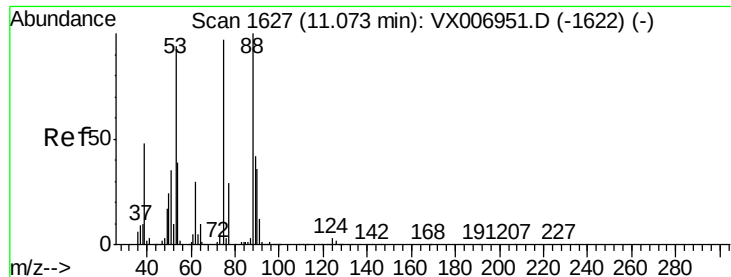
Tgt Ion: 105 Resp: 398999

Ion Ratio Lower Upper

105 100

120 50.4 25.1 75.3





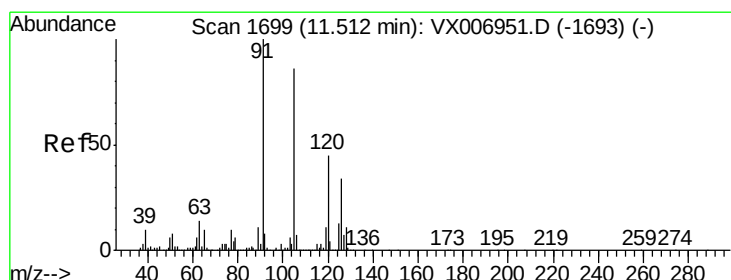
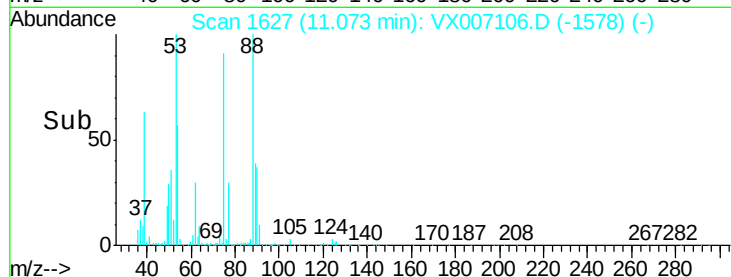
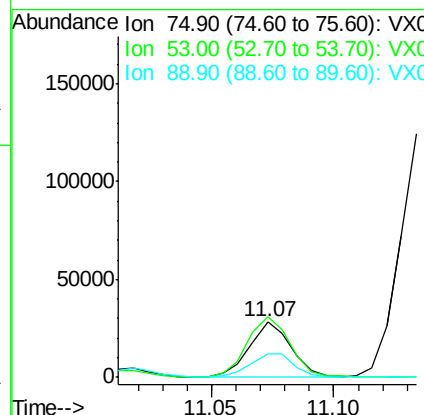
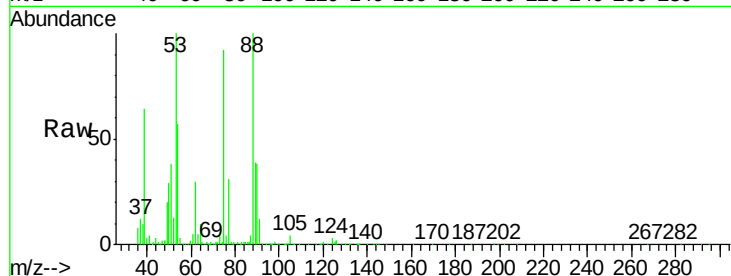
#81
trans-1,4-Dichloro-2-butene
Concen: 17.489 ug/l
RT: 11.07 min Scan# 1627
Delta R.T. 0.00 min
Lab File: VX007106.D
Acq: 17 Jan 2019 23:49

Instrument :
MSVOA_X
ClientSampleId :
VX0117WBSD02

Tot Ion	Ratio	Lower	Upper
75	100		
53	113.2	79.7	119.5
89	45.7	38.0	57.0

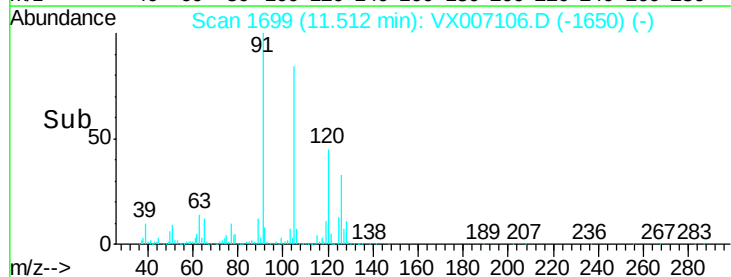
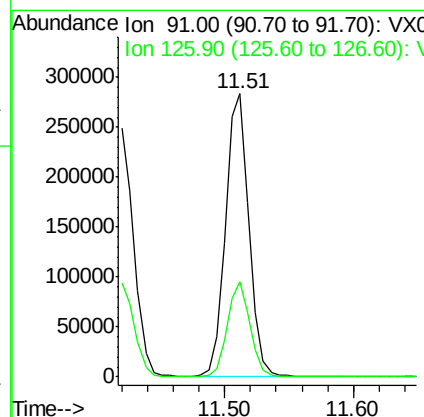
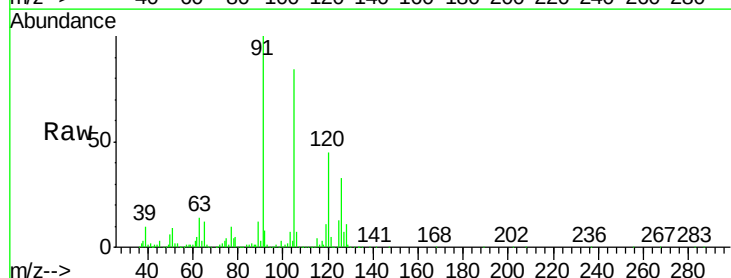
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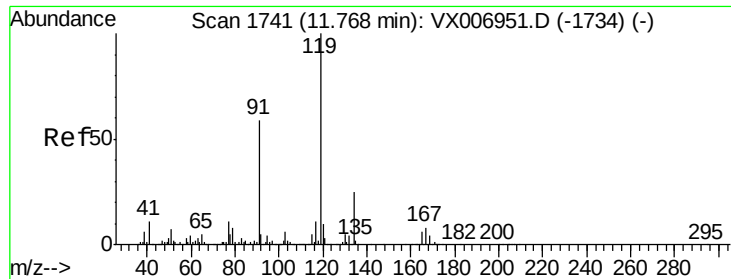
MMDadoda
1/18/2019 10:23:00 AM



#82
4-Chlorotoluene
Concen: 19.566 ug/l
RT: 11.51 min Scan# 1699
Delta R.T. 0.00 min
Lab File: VX007106.D
Acq: 17 Jan 2019 23:49

Tgt Ion	Ratio	Lower	Upper
91	100		
126	32.7	16.3	48.9





#83

tert-Butylbenzene

Concen: 19.656 ug/l

RT: 11.77 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VX007106.D

Acq: 17 Jan 2019 23:49

Instrument :

MSVOA_X

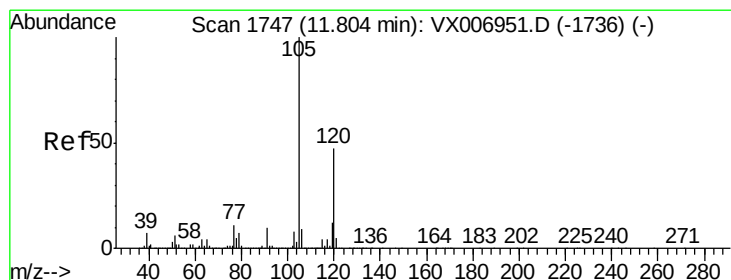
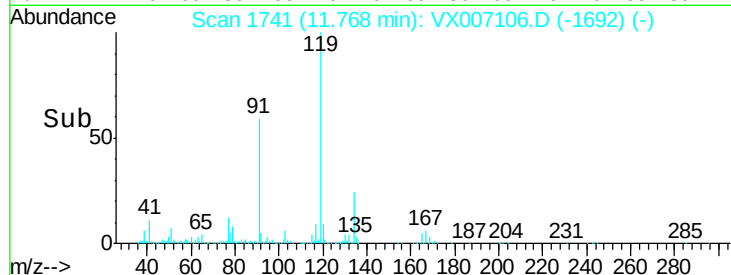
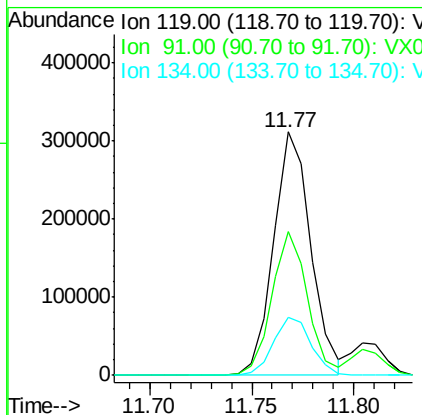
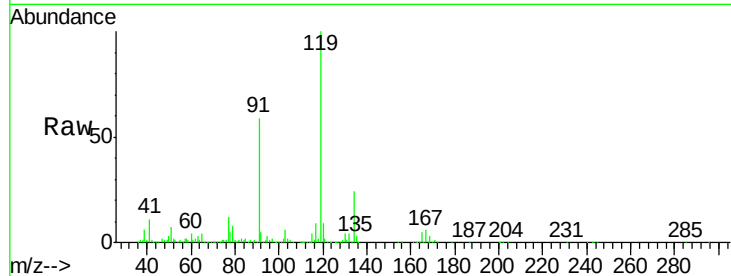
ClientSampleId :

VX0117WBSD02

Tot Ion:	119	Resp:	395958
Ion Ratio	Lower	Upper	
119	100		
91	56.7	27.7	83.1
134	24.4	11.9	35.5

Manual Integrations
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#84

1,2,4-Trimethylbenzene

Concen: 20.191 ug/l

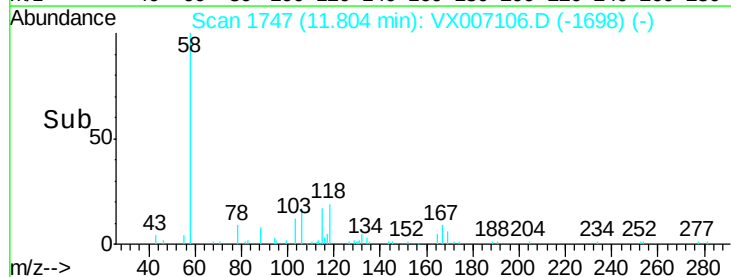
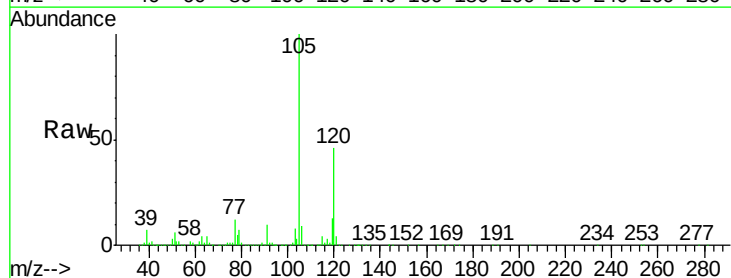
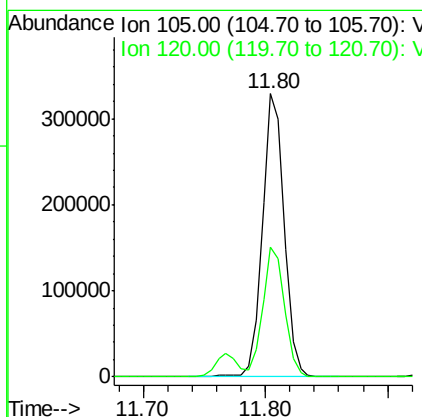
RT: 11.80 min Scan# 1747

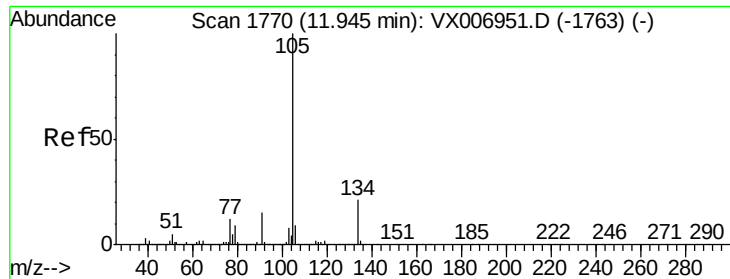
Delta R.T. 0.00 min

Lab File: VX007106.D

Acq: 17 Jan 2019 23:49

Tgt Ion:	105	Resp:	409936
Ion Ratio	Lower	Upper	
105	100		
120	45.4	23.2	69.6





#85

sec-Butylbenzene

Concen: 19.775 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. 0.00 min

Lab File: VX007106.D

Acq: 17 Jan 2019 23:49

Instrument :

MSVOA_X

ClientSampleId :

VX0117WBSD02

Tot Ion:105 Resp: 475734

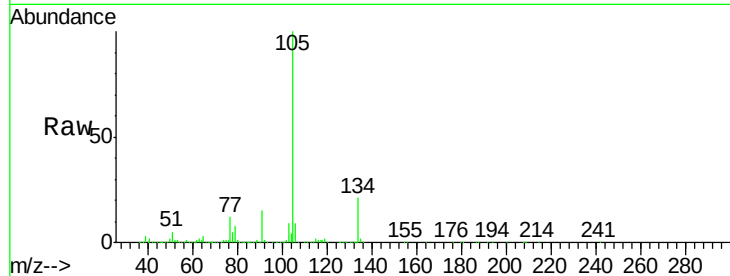
Ion Ratio Lower Upper

105 100

134 21.4 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

11.94

400000

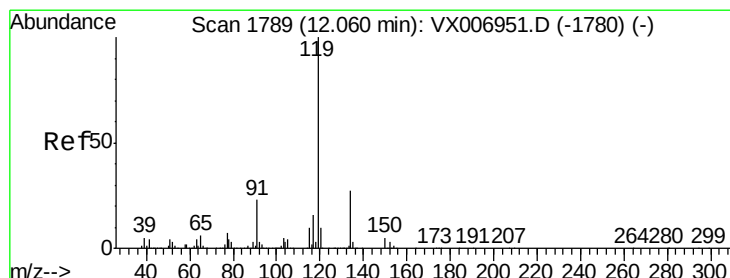
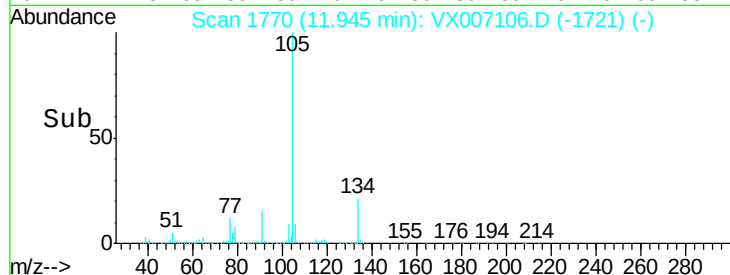
300000

200000

100000

0

Time-->



#86

p-Isopropyltoluene

Concen: 19.829 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. 0.00 min

Lab File: VX007106.D

Acq: 17 Jan 2019 23:49

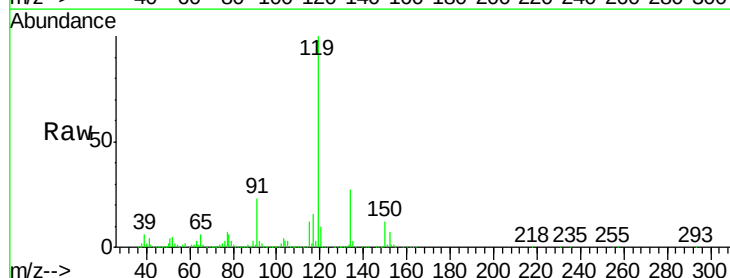
Tgt Ion:119 Resp: 426696

Ion Ratio Lower Upper

119 100

134 27.6 14.0 41.9

91 22.4 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): V

12.06

400000

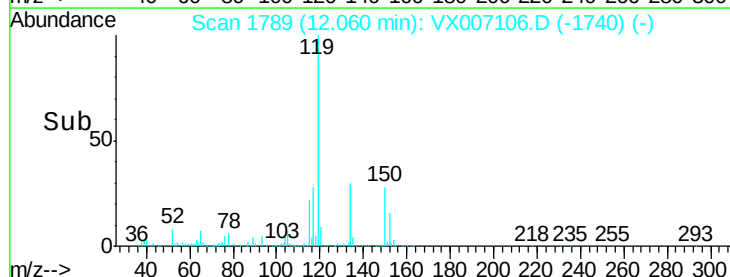
300000

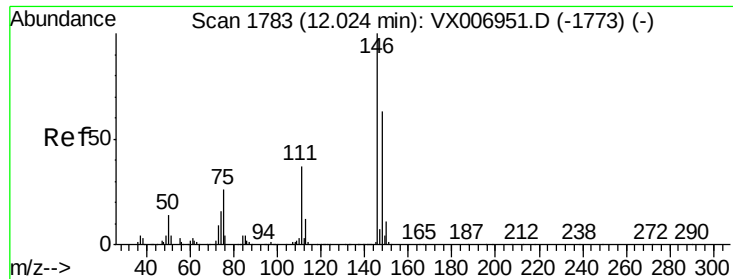
200000

100000

0

Time-->





#87

1,3-Dichlorobenzene

Concen: 19.414 ug/l

RT: 12.02 min Scan# 1783

Delta R.T. 0.00 min

Lab File: VX007106.D

Acq: 17 Jan 2019 23:49

Instrument :

MSVOA_X

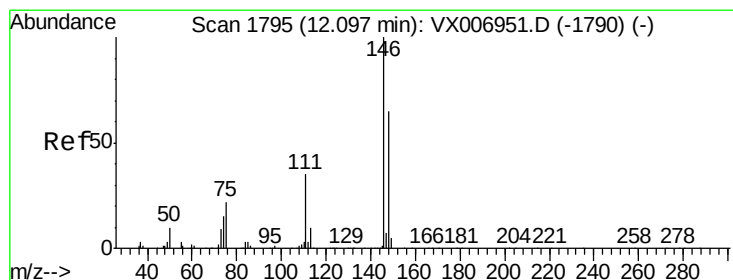
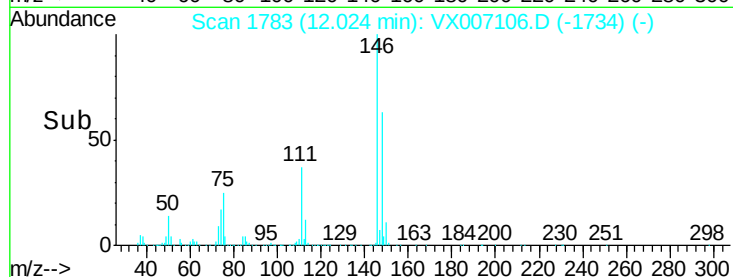
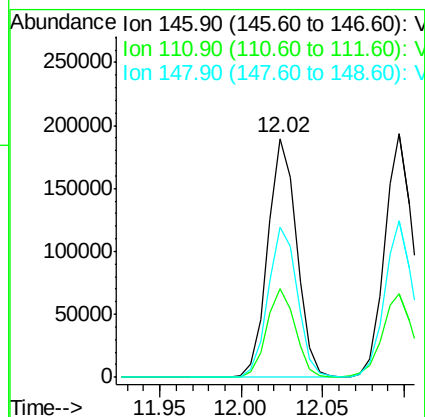
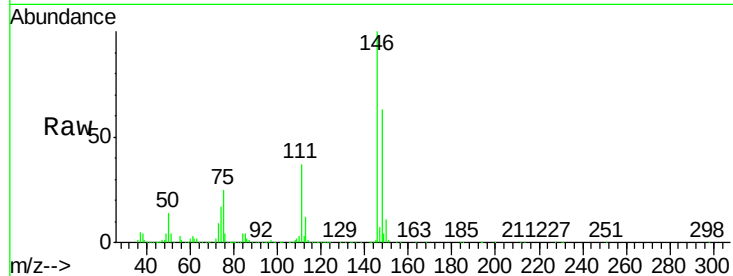
ClientSampleId :

VX0117WBSD02

Tot Ion:	146	Resp:	233625
Ion Ratio	Lower	Upper	
146	100		
111	36.6	18.6	55.8
148	63.6	31.8	95.3

Manual Integrations
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#88

1,4-Dichlorobenzene

Concen: 20.670 ug/l

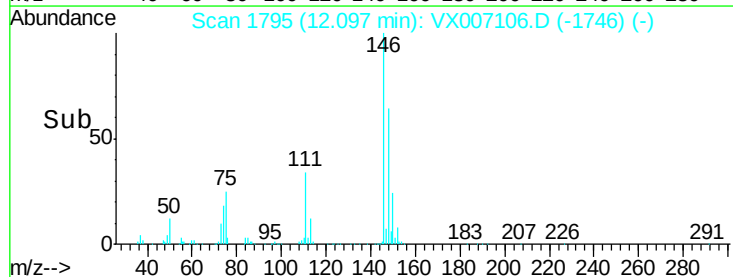
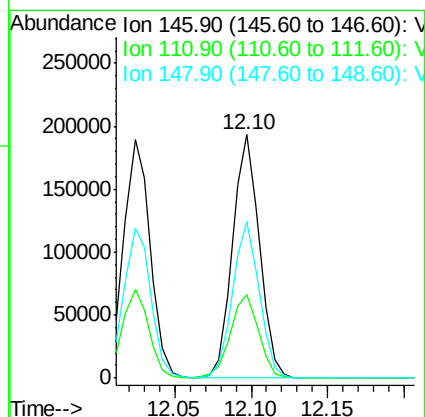
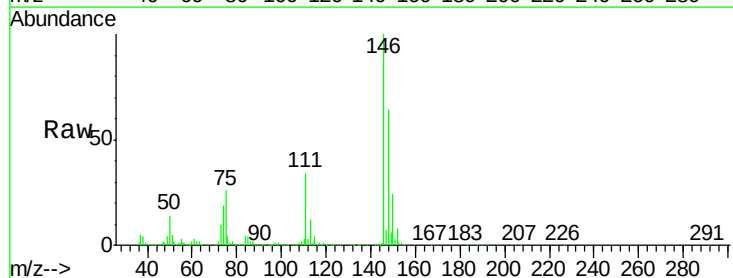
RT: 12.10 min Scan# 1795

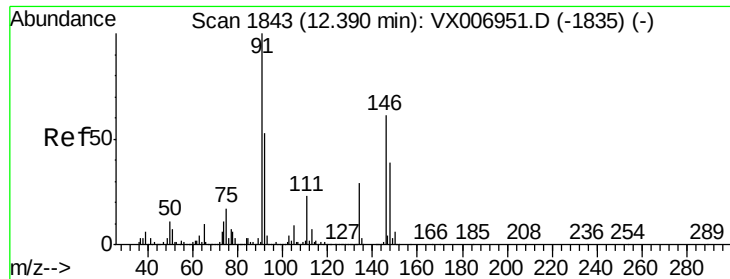
Delta R.T. 0.00 min

Lab File: VX007106.D

Acq: 17 Jan 2019 23:49

Tgt Ion:	146	Resp:	234709
Ion Ratio	Lower	Upper	
146	100		
111	36.2	18.1	54.1
148	64.5	31.9	95.9





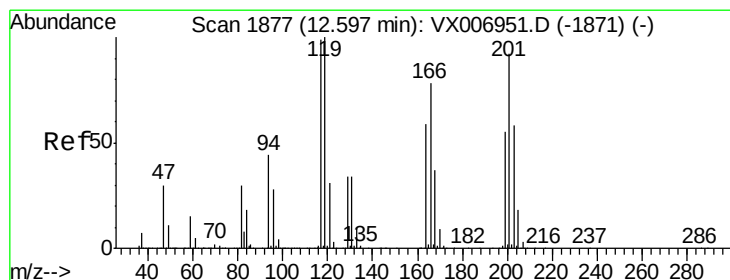
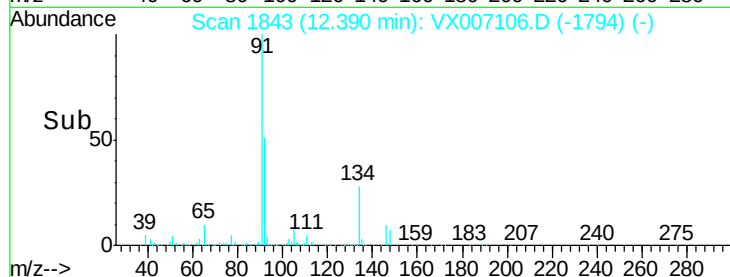
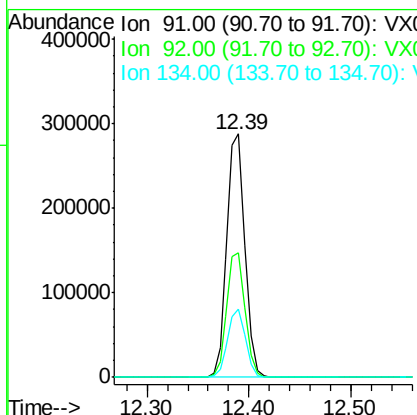
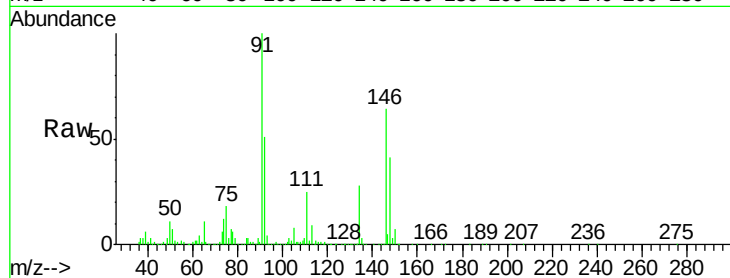
#89
n-Butylbenzene
Concen: 19.171 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. 0.00 min
Lab File: VX007106.D
Acq: 17 Jan 2019 23:49

Instrument :
MSVOA_X
ClientSampleId :
VX0117WBSD02

Tot Ion	Ratio	Lower	Upper
91	100		
92	52.0	26.8	80.4
134	27.8	14.4	43.2

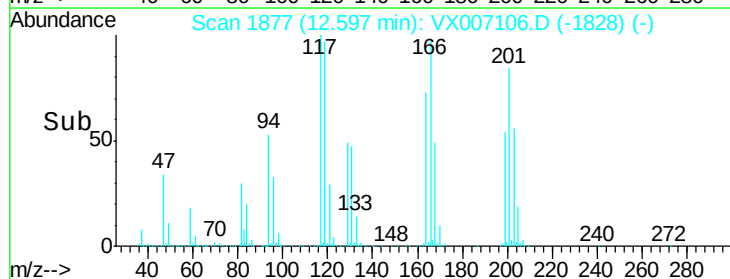
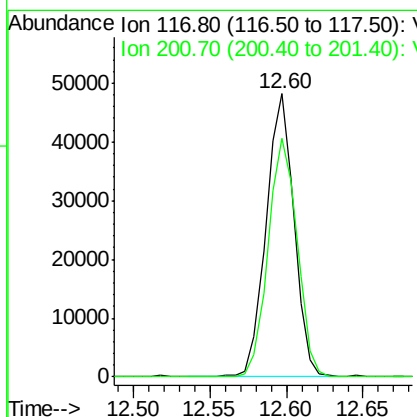
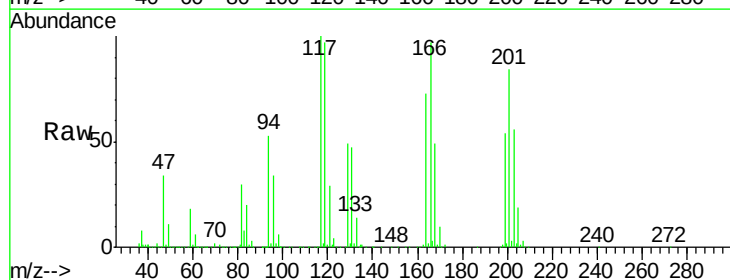
Manual Integrations
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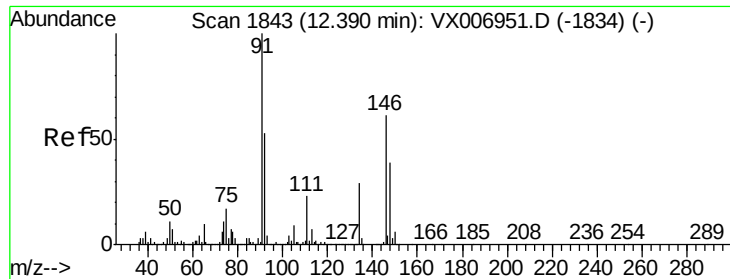
MMDadoda
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#90
Hexachloroethane
Concen: 19.788 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. 0.00 min
Lab File: VX007106.D
Acq: 17 Jan 2019 23:49

Tgt Ion	Ratio	Lower	Upper
117	100		
201	87.4	42.9	128.7





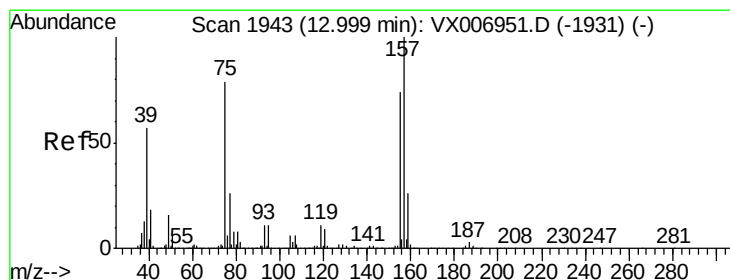
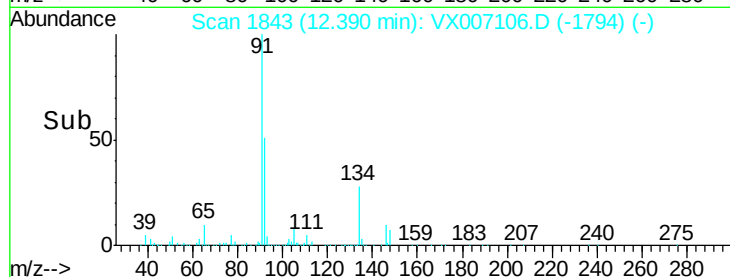
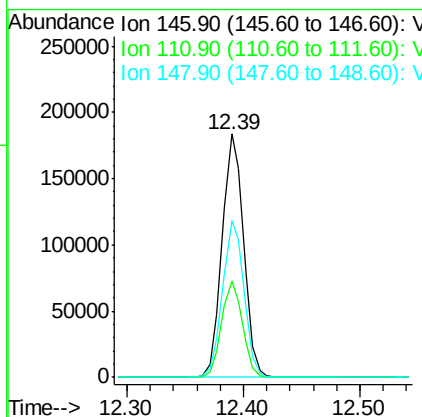
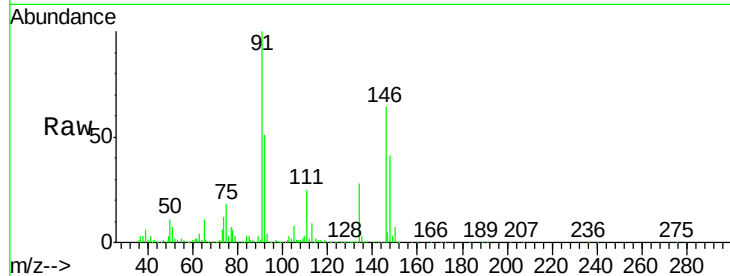
#91
 1,2-Dichlorobenzene
 Concen: 19.719 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. 0.00 min
 Lab File: VX007106.D
 Acq: 17 Jan 2019 23:49

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0117WBSD02

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.2	19.4	58.2
148	64.1	32.3	96.9

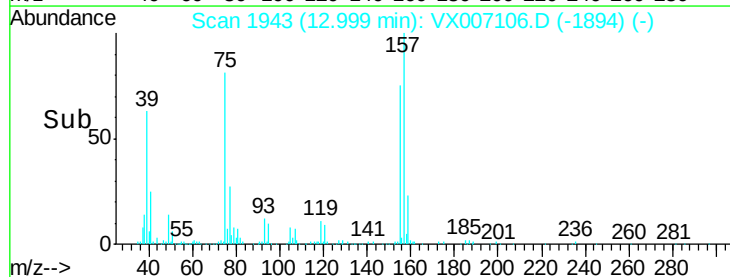
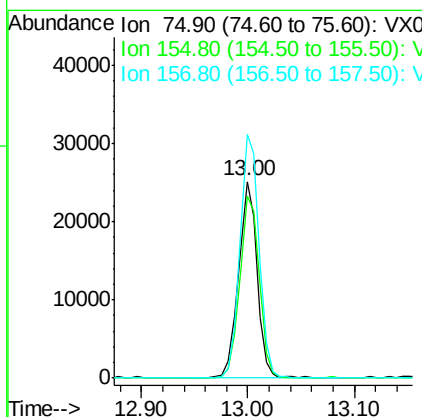
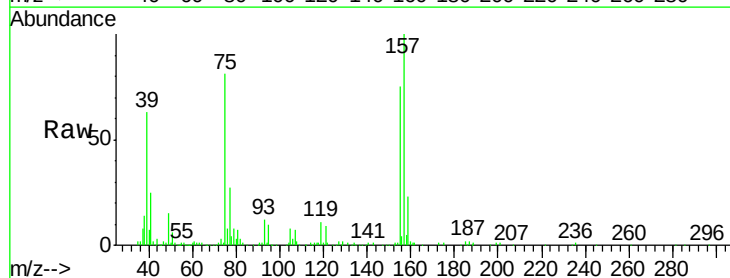
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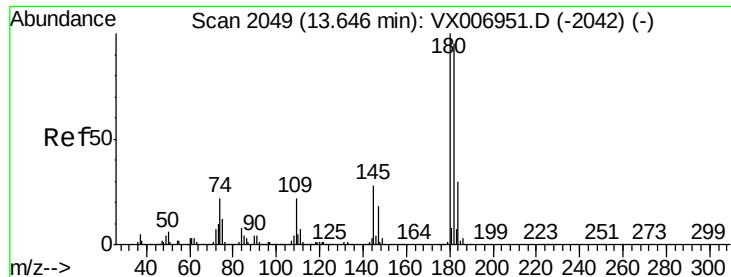
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 20.360 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VX007106.D
 Acq: 17 Jan 2019 23:49

Tgt Ion	Ratio	Lower	Upper
75	100		
155	96.6	50.6	151.8
157	127.1	64.6	193.8





#93

1,2,4-Trichlorobenzene

Concen: 18.950 ug/l

RT: 13.65 min Scan# 2049

Delta R.T. 0.00 min

Lab File: VX007106.D

Acq: 17 Jan 2019 23:49

Instrument :

MSVOA_X

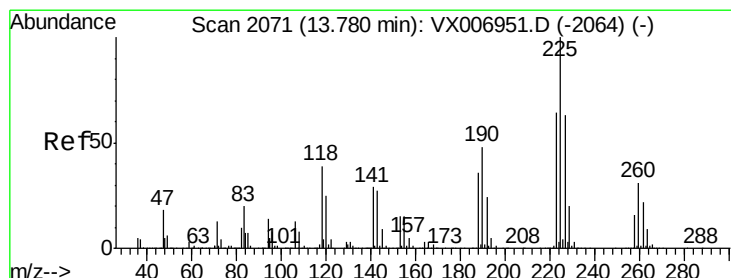
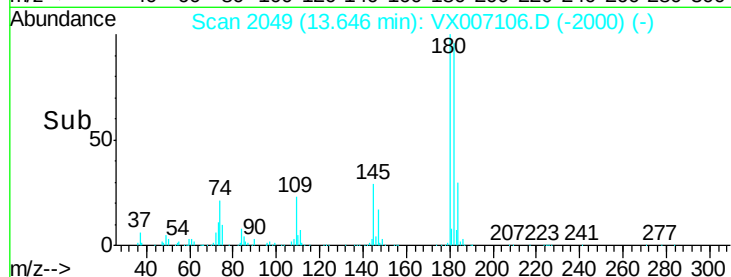
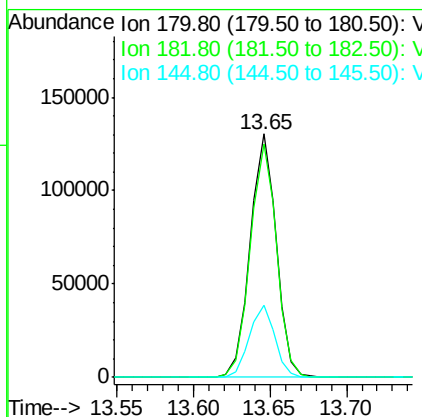
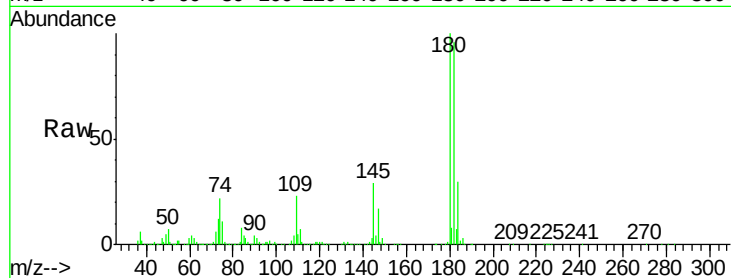
ClientSampled :

VX0117WBSD02

Tot Ion:	180	Resp:	154399
Ion Ratio	Lower	Upper	
180	100		
182	96.3	47.3	142.0
145	29.1	14.8	44.3

Manual Integrations
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#94

Hexachlorobutadiene

Concen: 20.220 ug/l

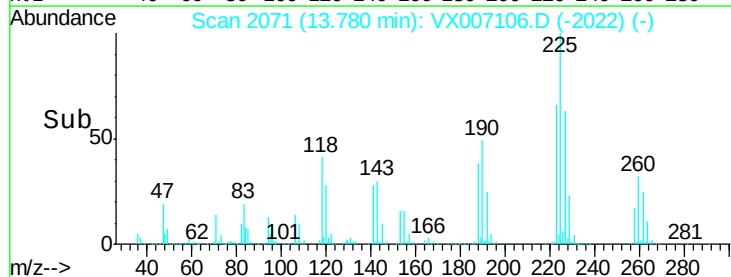
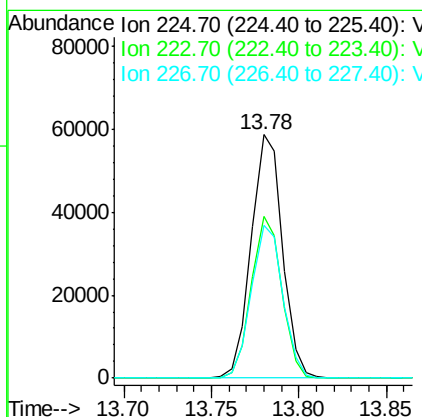
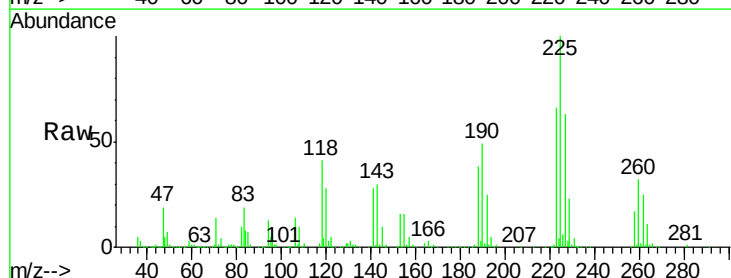
RT: 13.78 min Scan# 2071

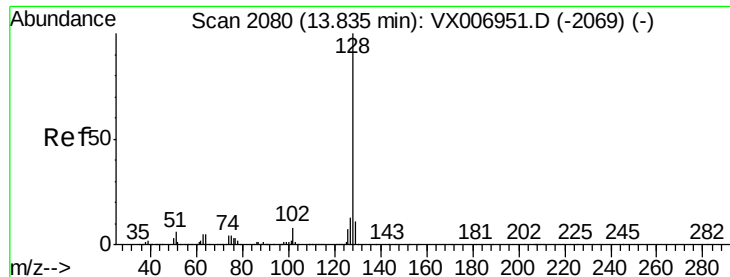
Delta R.T. 0.00 min

Lab File: VX007106.D

Acq: 17 Jan 2019 23:49

Tgt Ion:	225	Resp:	73107
Ion Ratio	Lower	Upper	
225	100		
223	64.1	32.1	96.3
227	63.2	32.3	96.8





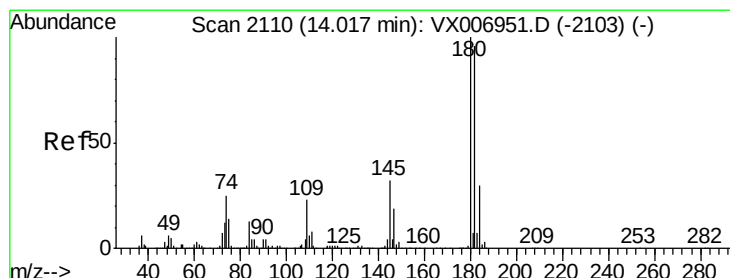
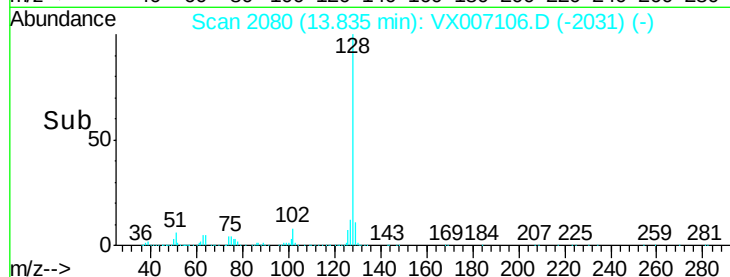
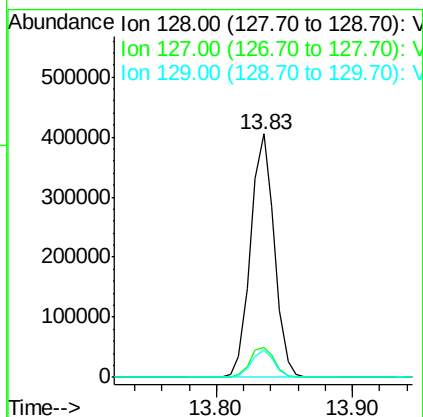
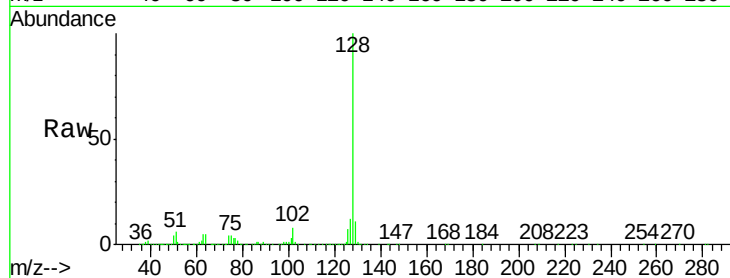
#95
Naphthalene
Concen: 20.096 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VX007106.D
Acq: 17 Jan 2019 23:49

Instrument :
MSVOA_X
ClientSampled :
VX0117WBSD02

Tot Ion	Ratio	Resp	Lower	Upper
128	100	496143		
127	12.8	10.1	15.1	
129	10.9	8.6	13.0	

Manual Integrations
APPROVED

MMDadoda
1/18/2019 10:23:00 AM



#96
1,2,3-Trichlorobenzene
Concen: 19.553 ug/l
RT: 14.02 min Scan# 2110
Delta R.T. 0.00 min
Lab File: VX007106.D
Acq: 17 Jan 2019 23:49

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	158254		
182	95.0	48.5	145.5	
145	30.1	16.0	47.9	

