

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX121818\
 Data File : VX006601.D
 Acq On : 18 Dec 2018 16:45
 Operator : JC/MD
 Sample : VX1218WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1218WBSD01

Manual Integrations
 APPROVED

MMDadoda
 12/19/2018 11:22:36 AM

Quant Time: Dec 19 06:31:54 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121818W.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 18 13:23:17 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	630261	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	979245	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	901709	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	454893	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	336621	49.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.12%	
35) Dibromofluoromethane	5.50	113	299678	48.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.78%	
50) Toluene-d8	8.71	98	1142234	48.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.86%	
62) 4-Bromofluorobenzene	11.13	95	416835	48.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.50%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	109973	19.073	ug/l	98
3) Chloromethane	1.33	50	120946	19.470	ug/l	96
4) Vinyl Chloride	1.41	62	130598	20.130	ug/l	98
5) Bromomethane	1.64	94	128512	20.080	ug/l	99
6) Chloroethane	1.72	64	79259	17.644	ug/l	97
7) Trichlorofluoromethane	1.93	101	199237	19.698	ug/l	98
8) Diethyl Ether	2.19	74	78552	19.553	ug/l	91
9) 1,1,2-Trichlorotrifluoroet	2.39	101	116932	19.689	ug/l	99
10) Methyl Iodide	2.51	142	164261	19.322	ug/l	98
11) Tert butyl alcohol	3.07	59	144619	95.399	ug/l	99
12) 1,1-Dichloroethene	2.37	96	108164	19.208	ug/l	93
13) Acrolein	2.29	56	97907	95.737	ug/l	98
14) Allyl chloride	2.73	41	185884	19.611	ug/l	97
15) Acrylonitrile	3.15	53	334049	99.246	ug/l	99
16) Acetone	2.45	43	287645	92.171	ug/l	98
17) Carbon Disulfide	2.57	76	260367	17.472	ug/l	98
18) Methyl Acetate	2.78	43	189109	20.608	ug/l	96
19) Methyl tert-butyl Ether	3.20	73	382870	20.485	ug/l	99
20) Methylene Chloride	2.86	84	126453	19.595	ug/l	92
21) trans-1,2-Dichloroethene	3.17	96	116207	18.625	ug/l	96
22) Diisopropyl ether	3.87	45	346496	19.982	ug/l	97
23) Vinyl Acetate	3.82	43	1369202	96.531	ug/l	99
24) 1,1-Dichloroethane	3.70	63	197590	19.088	ug/l	99
25) 2-Butanone	4.70	43	420186	95.720	ug/l	99
26) 2,2-Dichloropropane	4.59	77	145711	18.223	ug/l	98
27) cis-1,2-Dichloroethene	4.60	96	134631	19.557	ug/l	97
28) Bromochloromethane	5.01	49	87503	18.900	ug/l	98
29) Tetrahydrofuran	5.15	42	280130	96.889	ug/l	97
30) Chloroform	5.21	83	211654	19.745	ug/l	96
31) Cyclohexane	5.57	56	183098	19.470	ug/l	96
32) 1,1,1-Trichloroethane	5.49	97	176170	19.463	ug/l	97
36) 1,1-Dichloropropene	5.80	75	155182	19.134	ug/l	99
37) Ethyl Acetate	4.85	43	160446	19.007	ug/l	98
38) Carbon Tetrachloride	5.79	117	146023	18.526	ug/l	99

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Manual Integrations
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Quant Time: Dec 19 06:31:54 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121818W.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 18 13:23:17 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	199214	18.657	ug/l	98
40) Benzene	6.14	78	477578	19.372	ug/l	99
41) Methacrylonitrile	5.06	41	89080	18.779	ug/l	98
42) 1,2-Dichloroethane	6.20	62	163026	19.406	ug/l	99
43) Isopropyl Acetate	6.46	43	253613	19.746	ug/l	99
44) Trichloroethene	7.21	130	141480	18.961	ug/l	97
45) 1,2-Dichloropropane	7.51	63	115442	19.243	ug/l	98
46) Dibromomethane	7.66	93	82198	18.627	ug/l	95
47) Bromodichloromethane	7.90	83	136118	18.580	ug/l	97
48) Methyl methacrylate	7.77	41	127399	19.505	ug/l	95
49) 1,4-Dioxane	7.75	88	63055	356.170	ug/l	99
51) 4-Methyl-2-Pentanone	8.65	43	807981	98.868	ug/l	98
52) Toluene	8.78	92	316449	19.869	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	144867	18.437	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	165590	19.207	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	127758	19.597	ug/l	98
56) Ethyl methacrylate	9.18	69	183266	19.890	ug/l	99
57) 1,3-Dichloropropane	9.37	76	202910	19.346	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	493668	100.793	ug/l	100
59) 2-Hexanone	9.49	43	612503	97.957	ug/l	99
60) Dibromochloromethane	9.59	129	113101	18.141	ug/l	98
61) 1,2-Dibromoethane	9.67	107	136534	19.702	ug/l	99
64) Tetrachloroethene	9.34	164	133714	18.727	ug/l	96
65) Chlorobenzene	10.14	112	361928	18.973	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	114167	19.182	ug/l	100
67) Ethyl Benzene	10.25	91	600319	19.258	ug/l	100
68) m/p-Xylenes	10.36	106	477462	38.817	ug/l	99
69) o-Xylene	10.69	106	236648	19.483	ug/l	99
70) Styrene	10.71	104	372774	19.399	ug/l	98
71) Bromoform	10.86	173	78613	17.797	ug/l #	98
73) Isopropylbenzene	11.02	105	624672	20.073	ug/l	99
74) N-amyl acetate	10.90	43	218269	19.595	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.27	83	188778	20.397	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	169714m	21.287	ug/l	
77) Bromobenzene	11.26	156	168598	20.039	ug/l	97
78) n-propylbenzene	11.36	91	684866	19.985	ug/l	100
79) 2-Chlorotoluene	11.42	91	412918	19.883	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	514084	20.056	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	38146	16.802	ug/l #	69
82) 4-Chlorotoluene	11.51	91	475305	19.952	ug/l	100
83) tert-Butylbenzene	11.77	119	525056	20.467	ug/l	96
84) 1,2,4-Trimethylbenzene	11.80	105	526630	19.533	ug/l	100
85) sec-Butylbenzene	11.94	105	621125	19.747	ug/l	100
86) p-Isopropyltoluene	12.07	119	557643	20.169	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	293909	19.383	ug/l	98
88) 1,4-Dichlorobenzene	12.10	146	294632	18.932	ug/l	99
89) n-Butylbenzene	12.39	91	459309	19.520	ug/l	99
90) Hexachloroethane	12.60	117	71725	18.777	ug/l	91
91) 1,2-Dichlorobenzene	12.39	146	296127	19.523	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	34248	17.884	ug/l	93

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Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX1218WBSD01

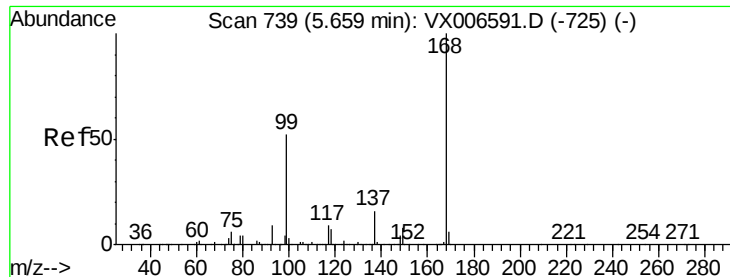
Manual Integrations
APPROVED

MMDadoda
12/19/2018 11:22:36 AM

Quant Time: Dec 19 06:31:54 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121818W.M
Quant Title : SW846 8260
QLast Update : Tue Dec 18 13:23:17 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	198046	18.928	ug/l	98
94) Hexachlorobutadiene	13.78	225	90209	18.292	ug/l	99
95) Naphthalene	13.83	128	639607	19.153	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	204593	18.939	ug/l	98

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



#1

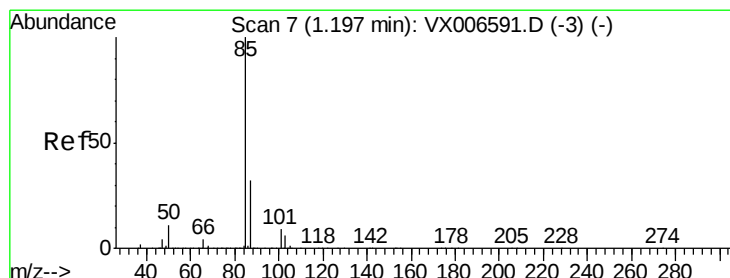
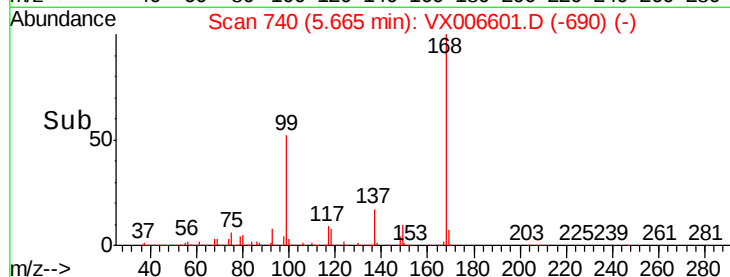
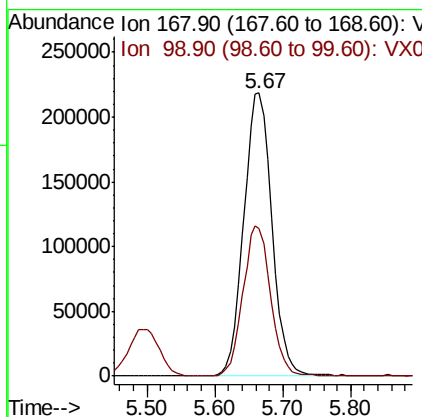
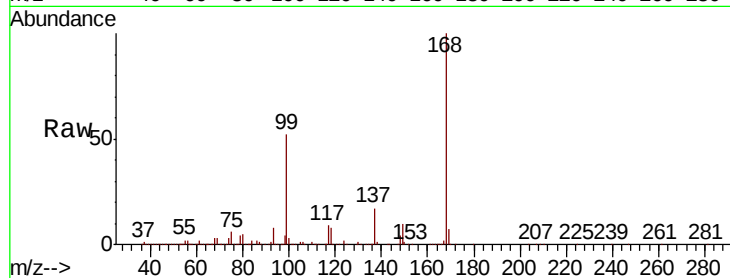
Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 5.67 min Scan# 740
 Delta R.T. 0.01 min
 Lab File: VX006601.D
 Acq: 18 Dec 2018 16:45

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1218WBSD01

Tot Ion	Ratio	Lower	Upper
168	100		
99	52.0	37.8	56.8

Manual Integrations
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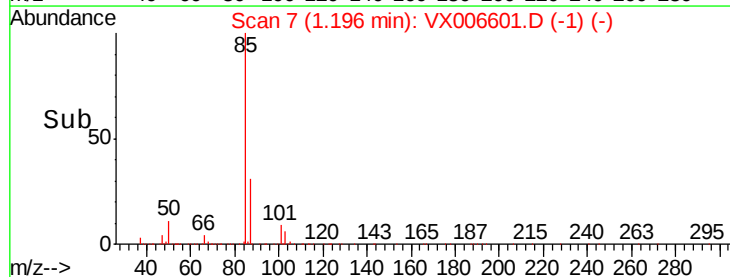
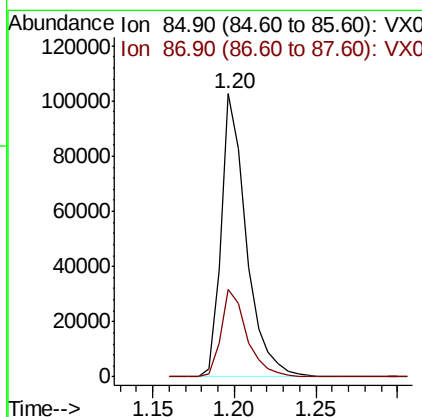
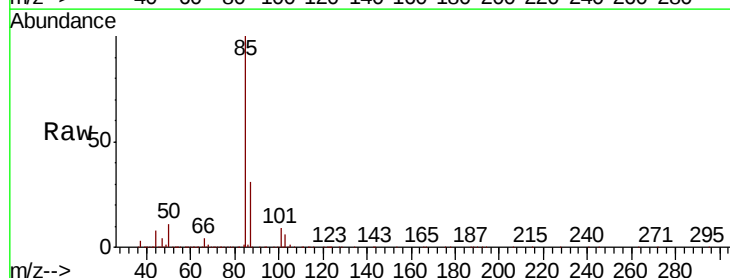
MMDadoda
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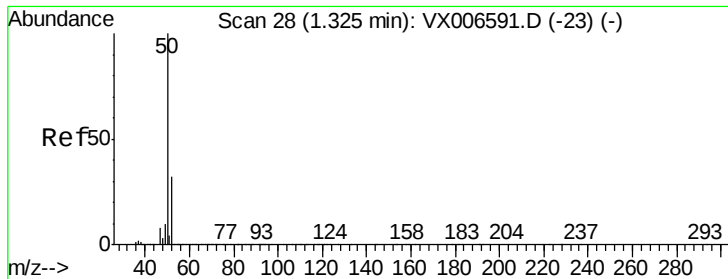


#2

Dichlorodifluoromethane
 Concen: 19.073 ug/l
 RT: 1.20 min Scan# 7
 Delta R.T. -0.00 min
 Lab File: VX006601.D
 Acq: 18 Dec 2018 16:45

Tgt Ion	Ratio	Lower	Upper
85	100		
87	30.9	16.1	48.2





#3

Chloromethane

Concen: 19.470 ug/l

RT: 1.33 min Scan# 29

Delta R.T. 0.01 min

Lab File: VX006601.D

Acq: 18 Dec 2018 16:45

Instrument :

MSVOA_X

ClientSampleId :

VX1218WBSD01

Tot Ion: 50 Resp: 120946

Ion Ratio Lower Upper

50 100

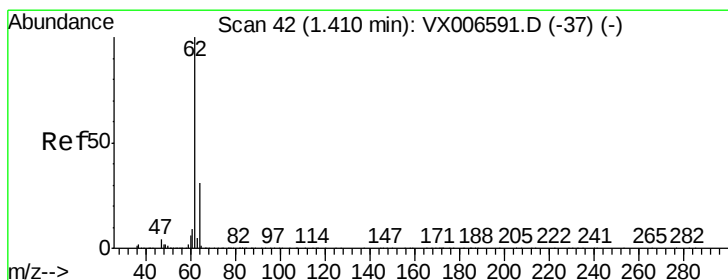
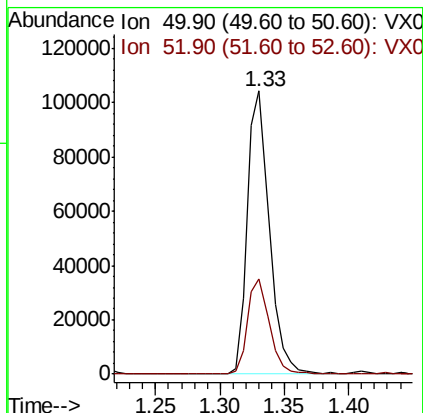
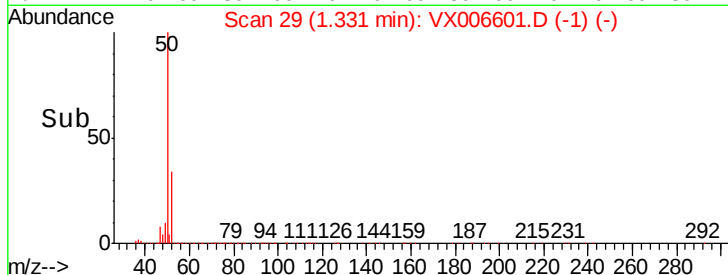
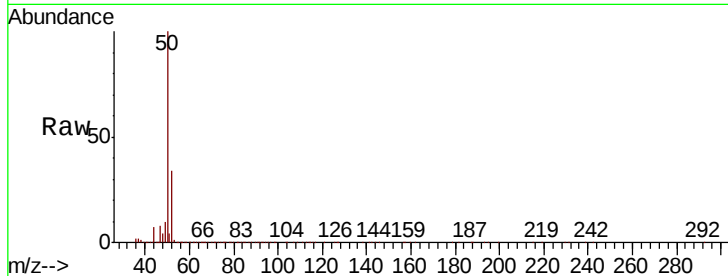
52 33.6 25.2 37.8

Manual Integrations

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#4

Vinyl Chloride

Concen: 20.130 ug/l

RT: 1.41 min Scan# 42

Delta R.T. -0.00 min

Lab File: VX006601.D

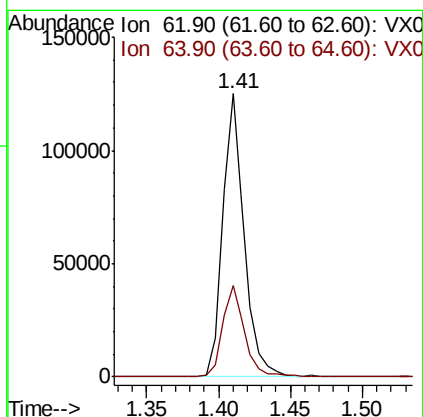
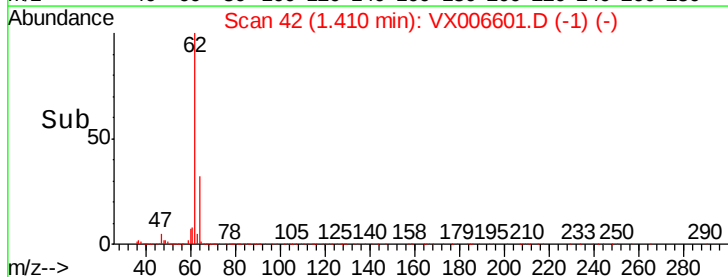
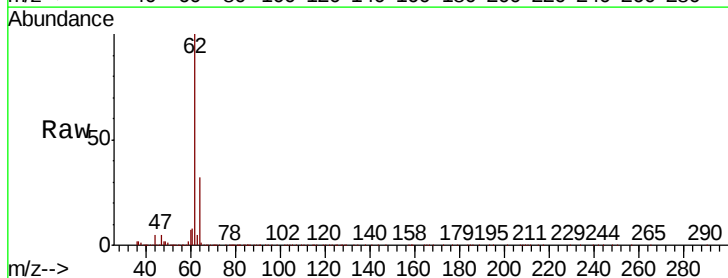
Acq: 18 Dec 2018 16:45

Tgt Ion: 62 Resp: 130598

Ion Ratio Lower Upper

62 100

64 32.0 24.9 37.3





#5

Bromomethane

Concen: 20.080 ug/l

RT: 1.64 min Scan# 80

Delta R.T. 0.00 min

Lab File: VX006601.D

Acq: 18 Dec 2018 16:45

Tot Ion: 94 Resp: 128512

Ion Ratio Lower Upper

94 100

96 92.0 74.5 111.7

Instrument :

MSVOA_X

ClientSampleId :

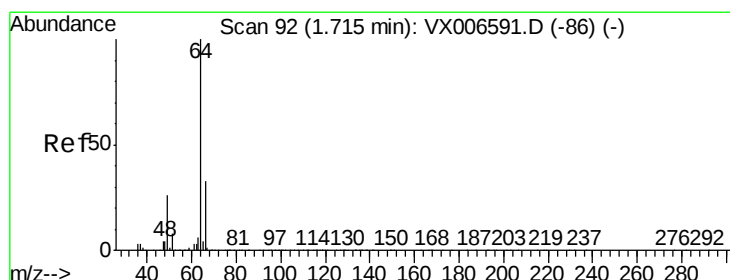
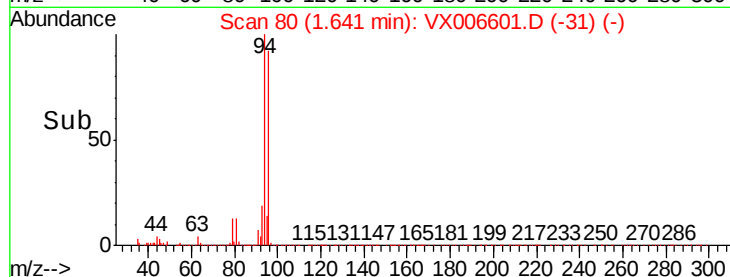
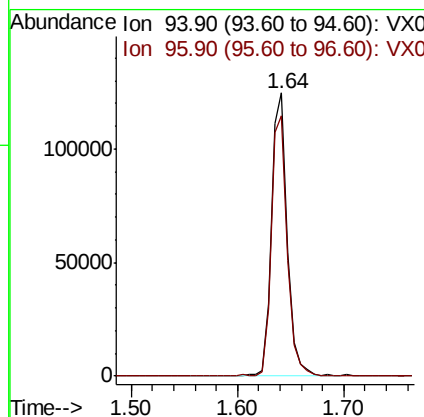
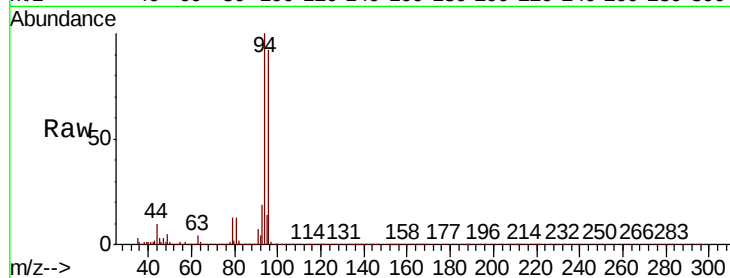
VX1218WBSD01

Manual Integrations

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#6

Chloroethane

Concen: 17.644 ug/l

RT: 1.72 min Scan# 93

Delta R.T. 0.01 min

Lab File: VX006601.D

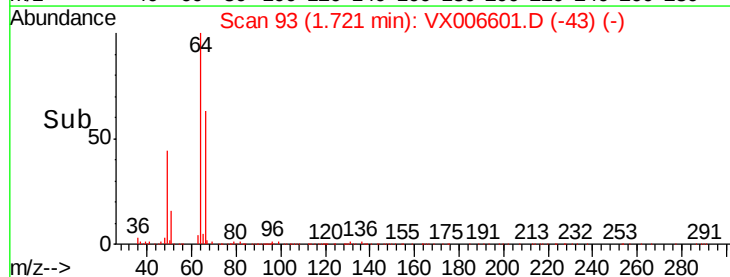
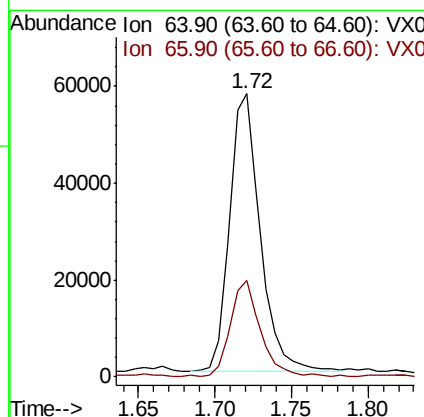
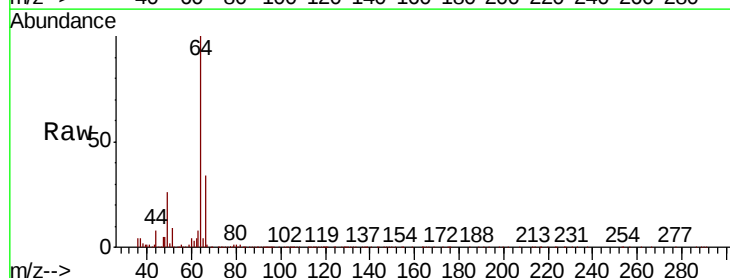
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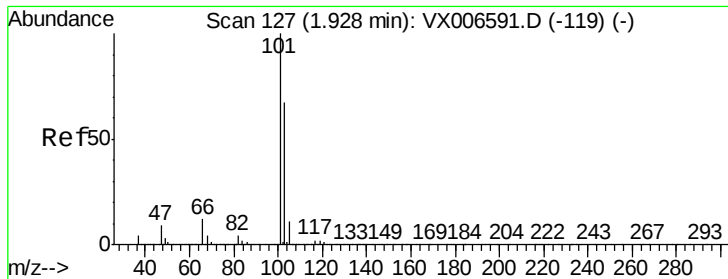
Tgt Ion: 64 Resp: 79259

Ion Ratio Lower Upper

64 100

66 34.2 25.9 38.9





#7

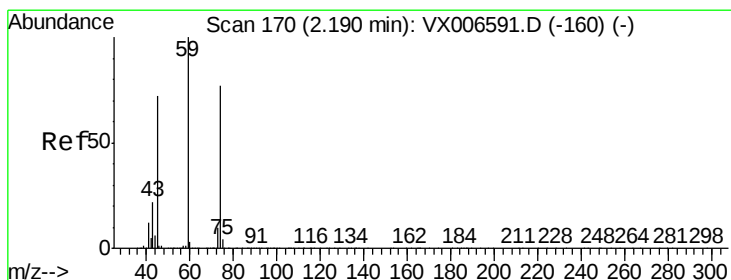
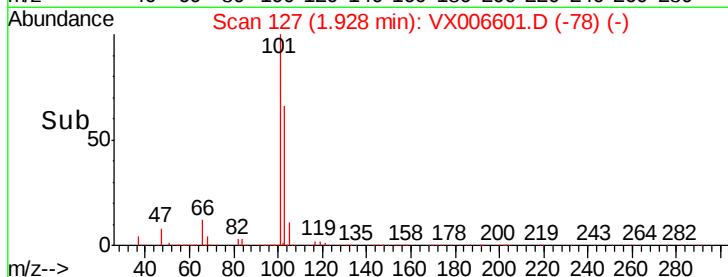
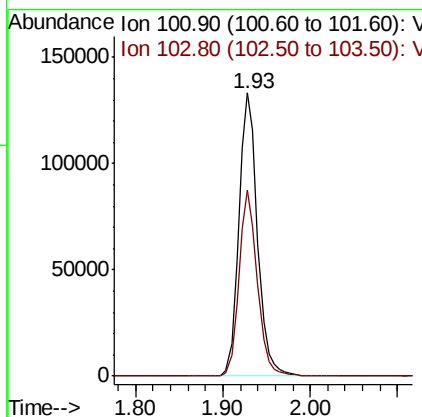
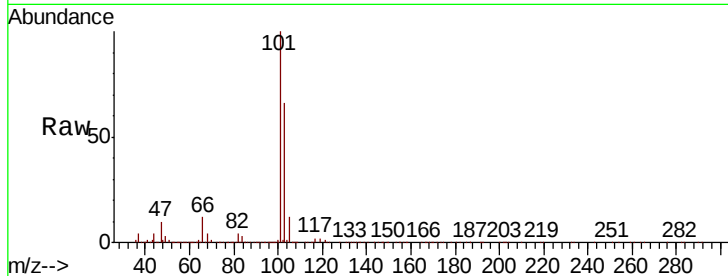
Trichlorofluoromethane
Concen: 19.698 ug/l
RT: 1.93 min Scan# 127
Delta R.T. -0.00 min
Lab File: VX006601.D
Acq: 18 Dec 2018 16:45

Instrument :
MSVOA_X
ClientSampleId :
VX1218WBSD01

Tot Ion	Ratio	Lower	Upper
101	100		
103	65.6	51.0	76.4

Manual Integrations
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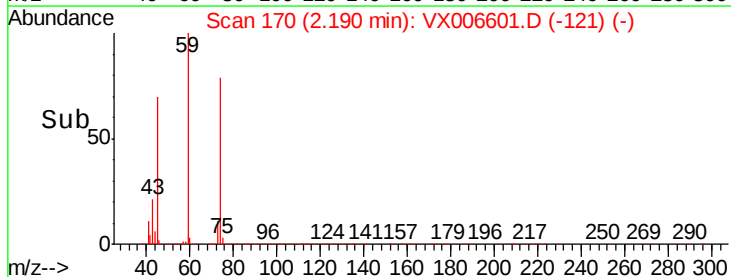
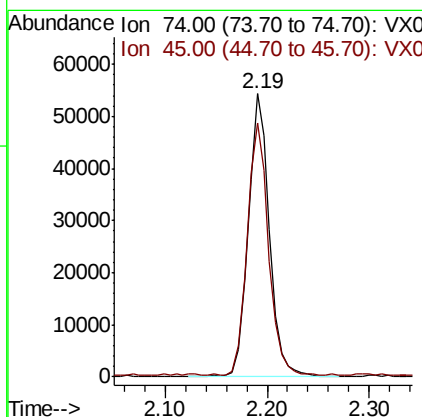
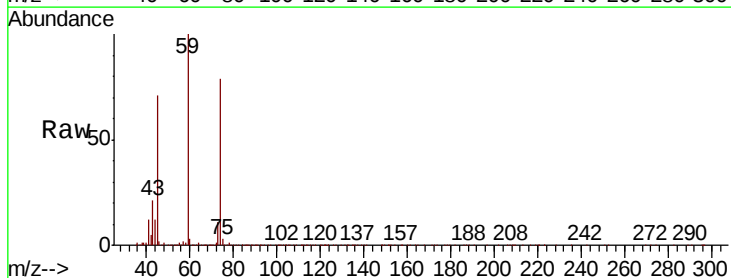
MMDadoda
12/19/2018 11:22:36 AM

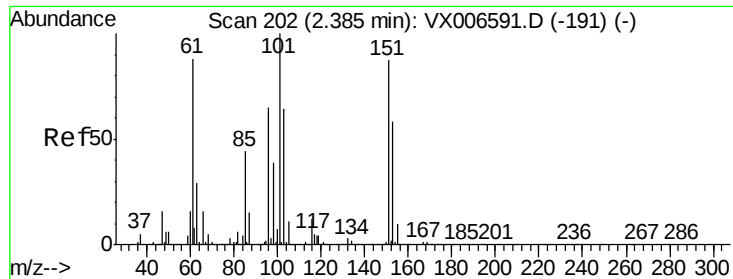


#8

Diethyl Ether
Concen: 19.553 ug/l
RT: 2.19 min Scan# 170
Delta R.T. -0.00 min
Lab File: VX006601.D
Acq: 18 Dec 2018 16:45

Tgt Ion	Ratio	Lower	Upper
74	100		
45	89.9	49.5	148.7





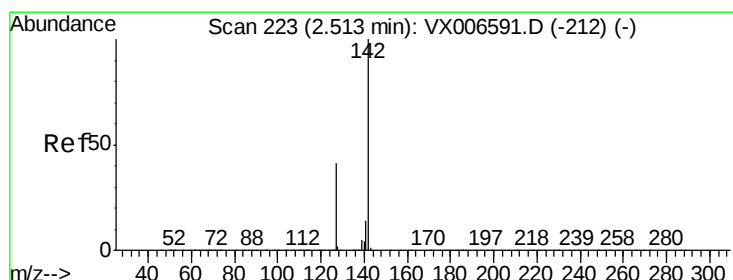
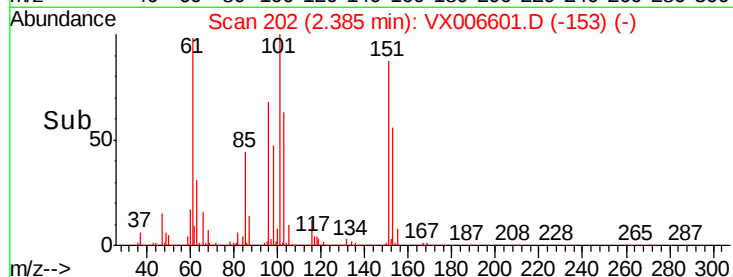
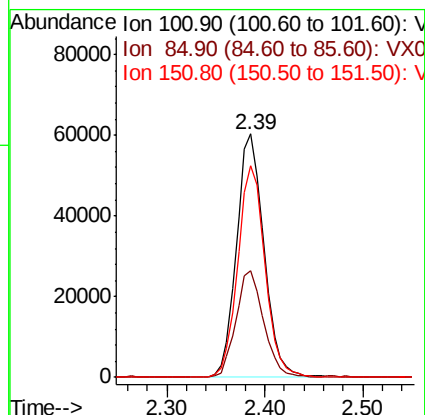
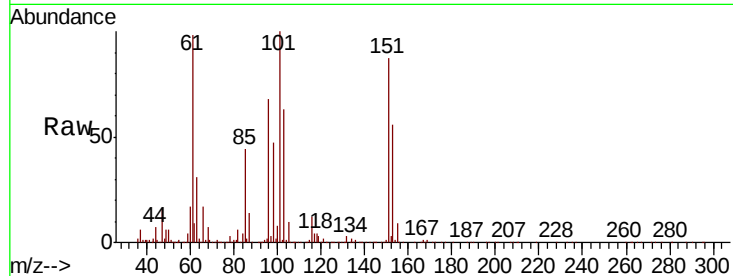
#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.689 ug/l
RT: 2.39 min Scan# 202
Delta R.T. -0.00 min
Lab File: VX006601.D
Acq: 18 Dec 2018 16:45

Instrument :
MSVOA_X
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Tot Ion	Ratio	Resp	Lower	Upper
101	100	116932		
85	44.8	35.5	53.3	
151	87.1	68.6	103.0	

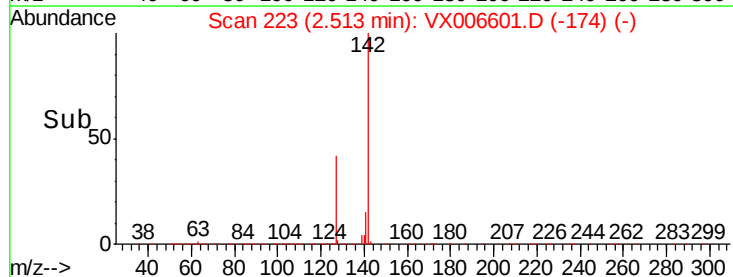
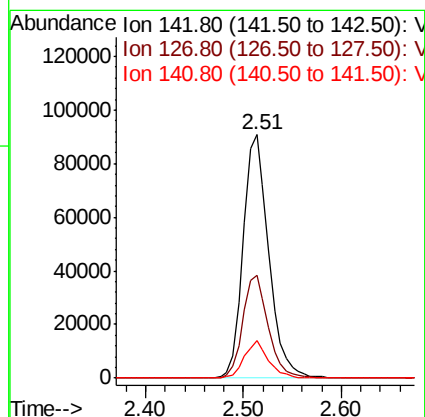
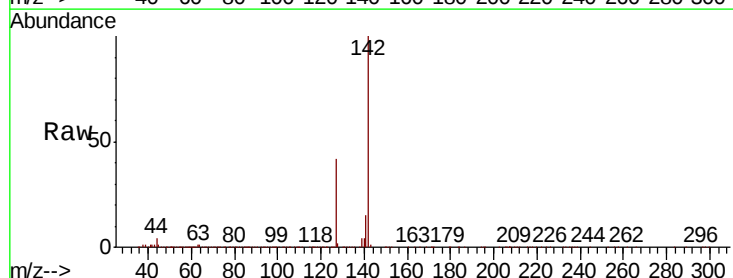
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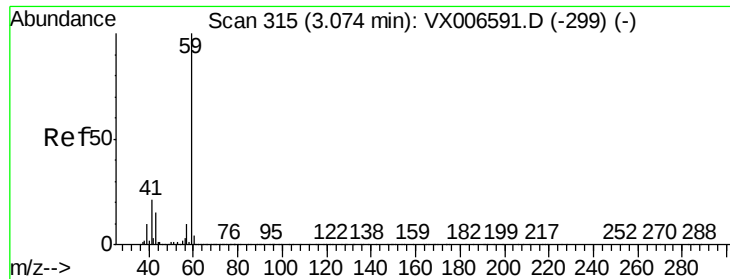
MMDadoda
12/19/2018 11:22:36 AM



#10
Methyl Iodide
Concen: 19.322 ug/l
RT: 2.51 min Scan# 223
Delta R.T. -0.00 min
Lab File: VX006601.D
Acq: 18 Dec 2018 16:45

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	164261		
127	42.4	34.8	52.2	
141	14.7	11.4	17.2	





#11

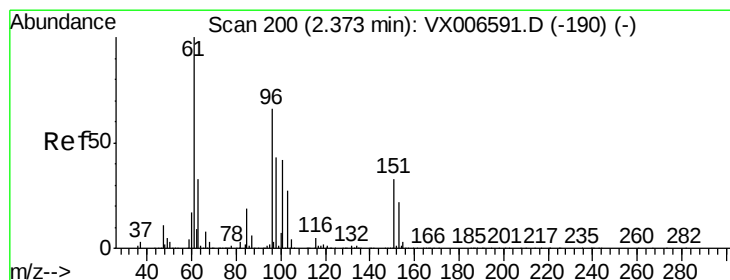
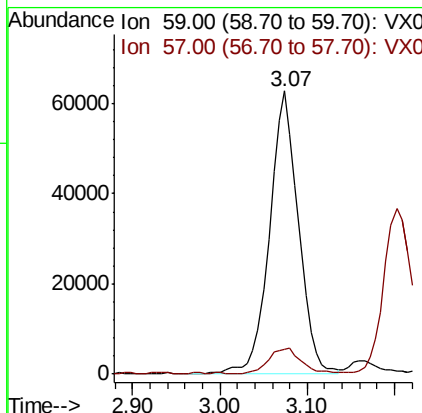
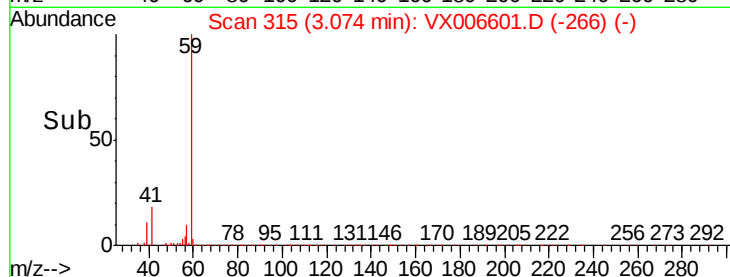
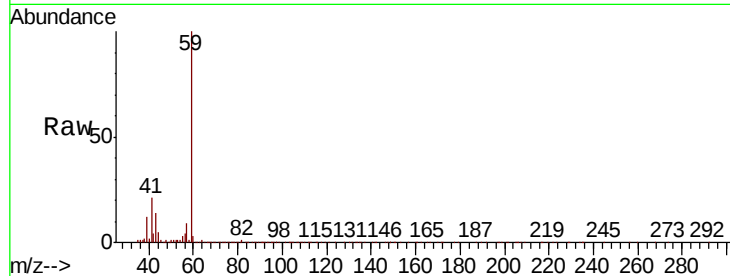
Tert butyl alcohol
Concen: 95.399 ug/l
RT: 3.07 min Scan# 315
Delta R.T. -0.00 min
Lab File: VX006601.D
Acq: 18 Dec 2018 16:45

Instrument :
MSVOA_X
ClientSampleId :
VX1218WBSD01

Tot Ion	Ratio	Lower	Upper
59	100		
57	9.8	8.2	12.2

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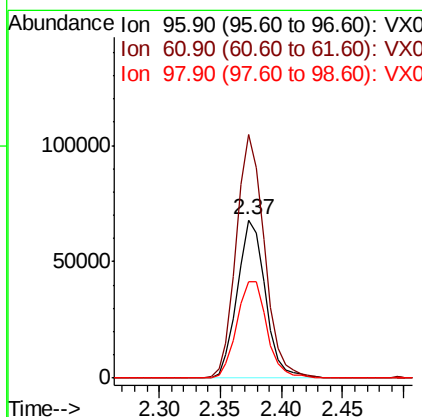
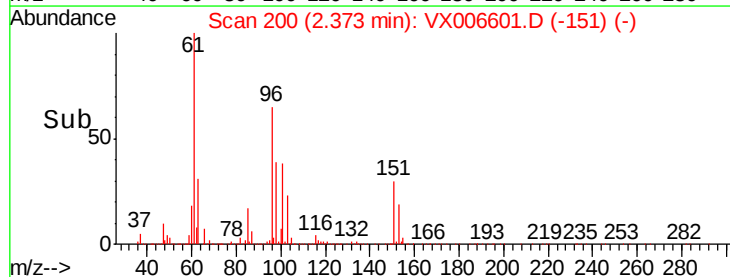
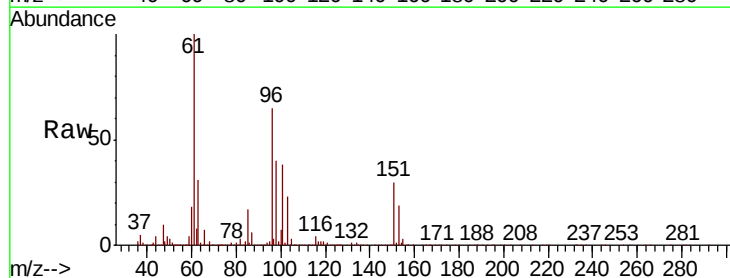
MMDadoda
12/19/2018 11:22:36 AM

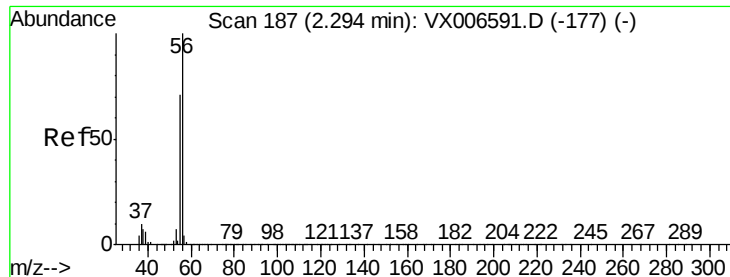


#12

1,1-Dichloroethene
Concen: 19.208 ug/l
RT: 2.37 min Scan# 200
Delta R.T. -0.00 min
Lab File: VX006601.D
Acq: 18 Dec 2018 16:45

Tgt Ion	Ratio	Lower	Upper
96	100		
61	153.8	131.7	197.5
98	60.7	51.8	77.6





#13

Acrolein

Concen: 95.737 ug/l

RT: 2.29 min Scan# 187

Delta R.T. -0.00 min

Lab File: VX006601.D

Acq: 18 Dec 2018 16:45

Instrument :

MSVOA_X

ClientSampleId :

VX1218WBSD01

Tot Ion: 56 Resp: 97907

Ion Ratio Lower Upper

56 100

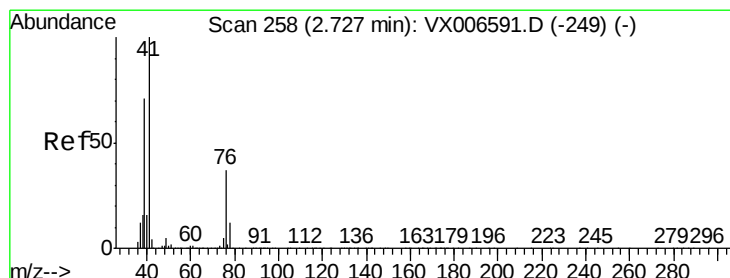
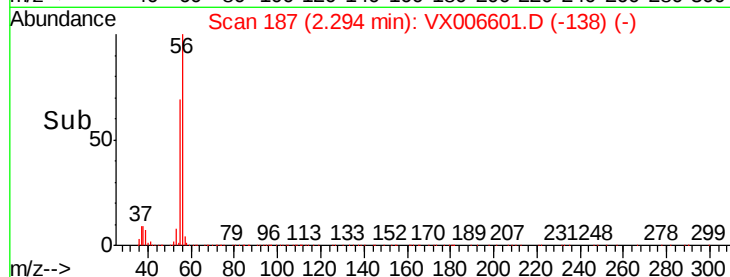
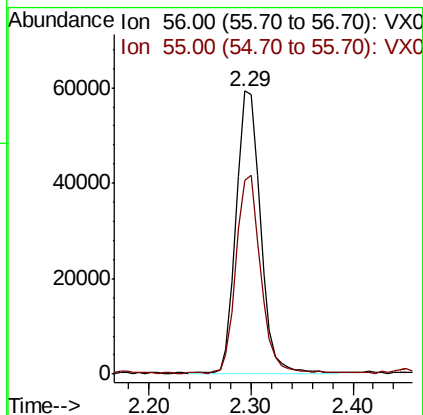
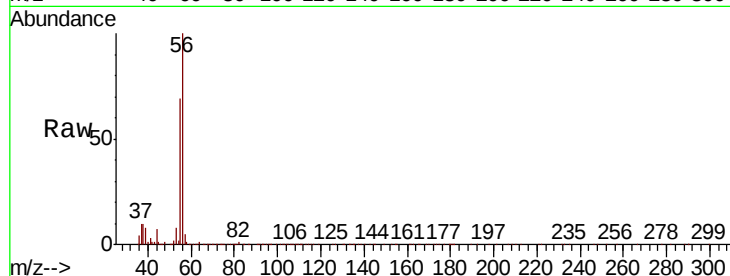
55 70.4 57.8 86.6

Manual Integrations

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#14

Allyl chloride

Concen: 19.611 ug/l

RT: 2.73 min Scan# 258

Delta R.T. -0.00 min

Lab File: VX006601.D

Acq: 18 Dec 2018 16:45

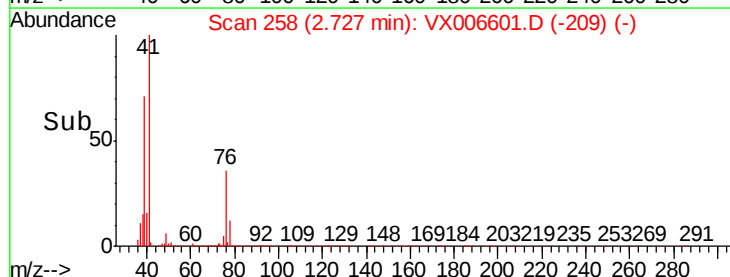
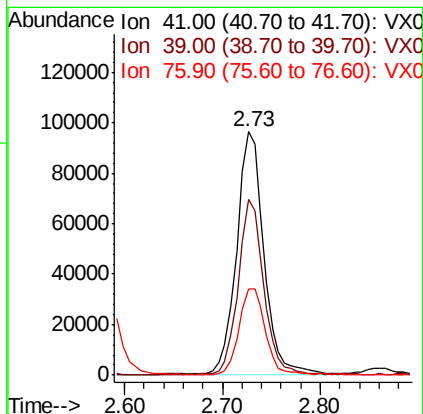
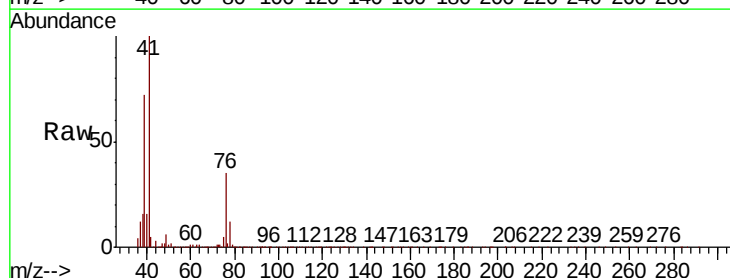
Tgt Ion: 41 Resp: 185884

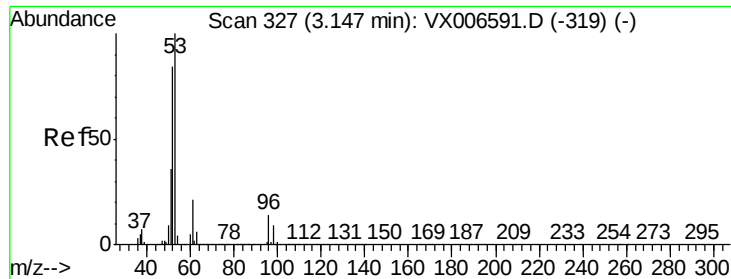
Ion Ratio Lower Upper

41 100

39 67.0 52.4 78.6

76 34.4 25.4 38.0





#15

Acrylonitrile

Concen: 99.246 ug/l

RT: 3.15 min Scan# 327

Delta R.T. -0.00 min

Lab File: VX006601.D

Acq: 18 Dec 2018 16:45

Instrument :

MSVOA_X

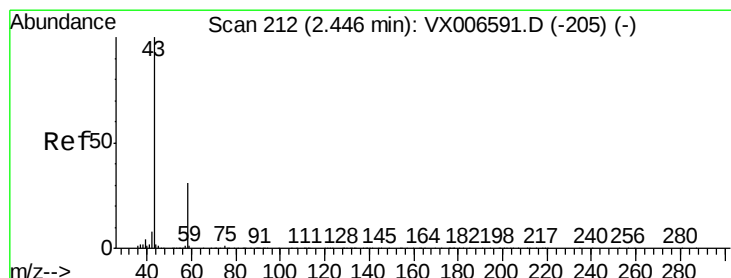
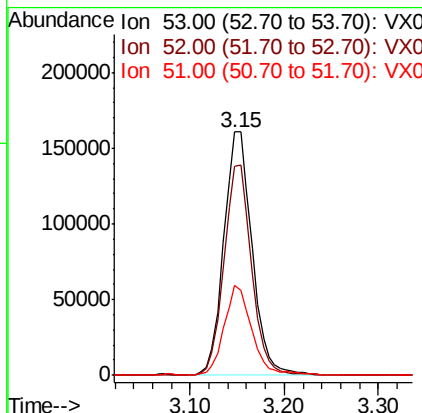
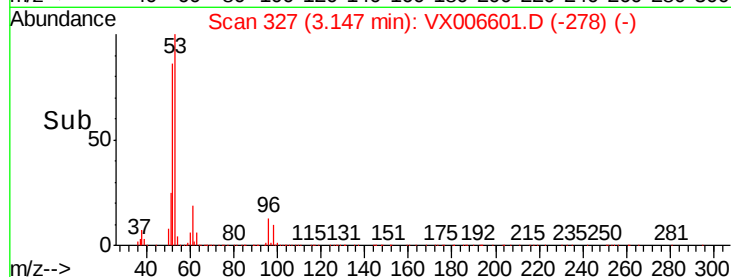
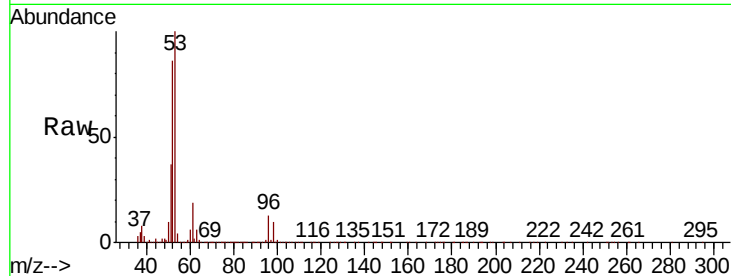
ClientSampleId :

VX1218WBSD01

Tot Ion:	53	Resp:	334049
Ion Ratio	Lower	Upper	
53	100		
52	83.9	66.2	99.4
51	35.8	28.7	43.1

Manual Integrations
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#16

Acetone

Concen: 92.171 ug/l

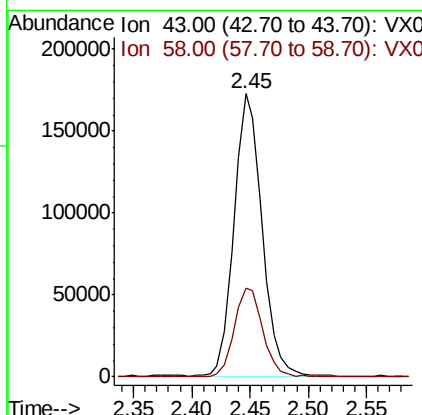
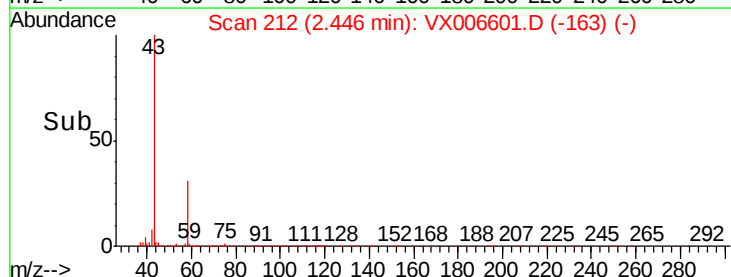
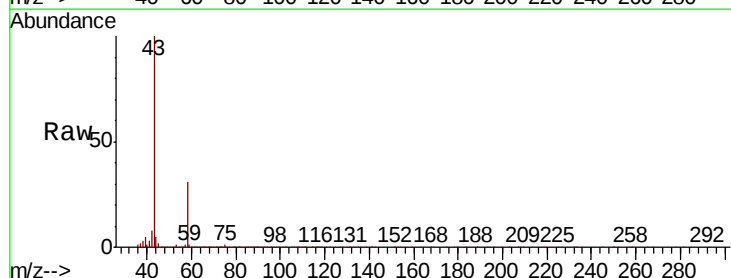
RT: 2.45 min Scan# 212

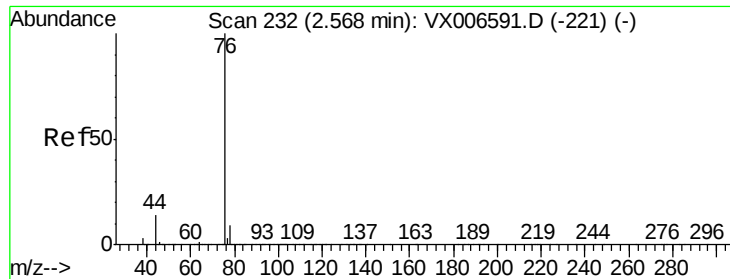
Delta R.T. -0.00 min

Lab File: VX006601.D

Acq: 18 Dec 2018 16:45

Tgt Ion:	43	Resp:	287645
Ion Ratio	Lower	Upper	
43	100		
58	31.2	24.0	36.0





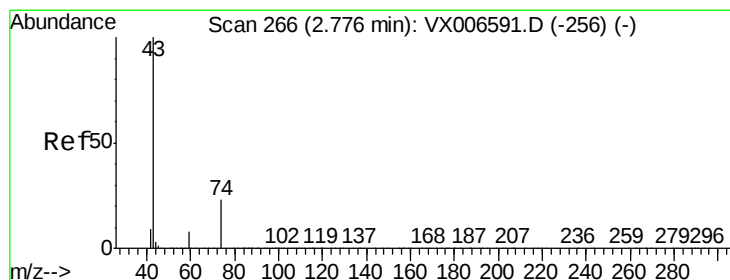
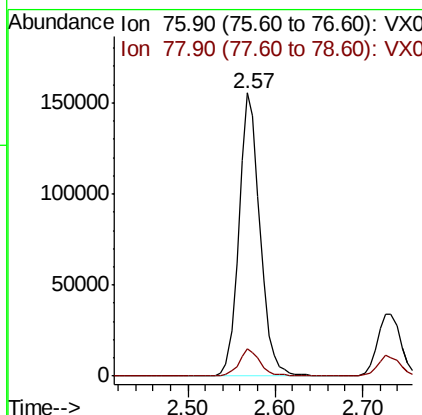
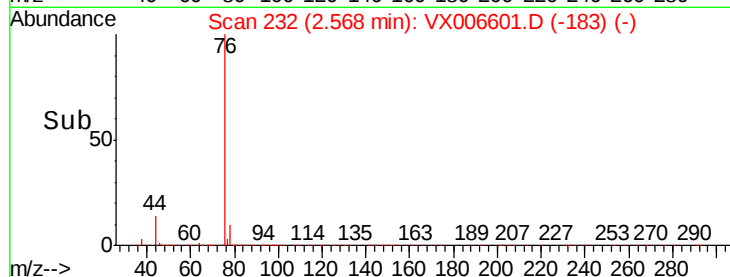
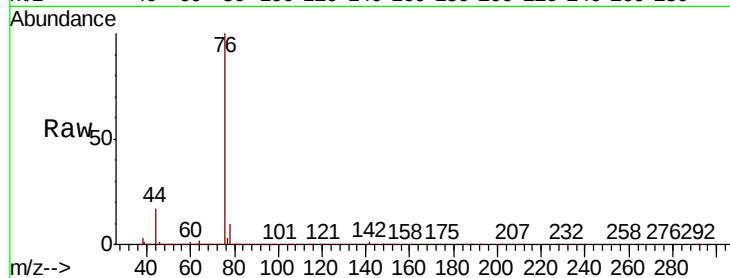
#17
Carbon Disulfide
Concen: 17.472 ug/l
RT: 2.57 min Scan# 232
Delta R.T. -0.00 min
Lab File: VX006601.D
Acq: 18 Dec 2018 16:45

Instrument :
MSVOA_X
ClientSampleId :
VX1218WBSD01

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.6	7.1	10.7

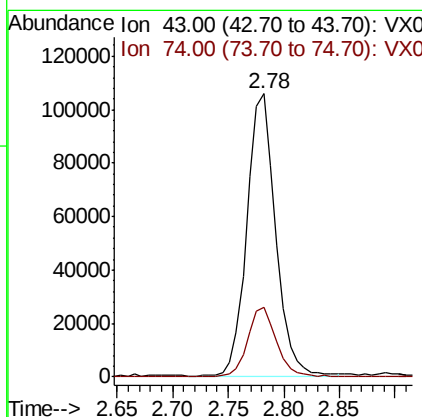
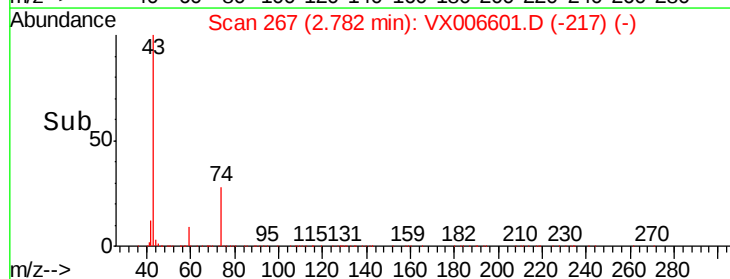
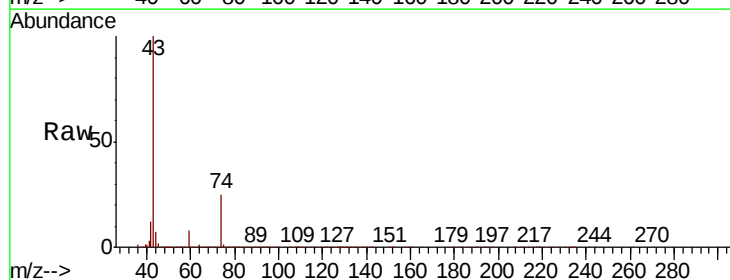
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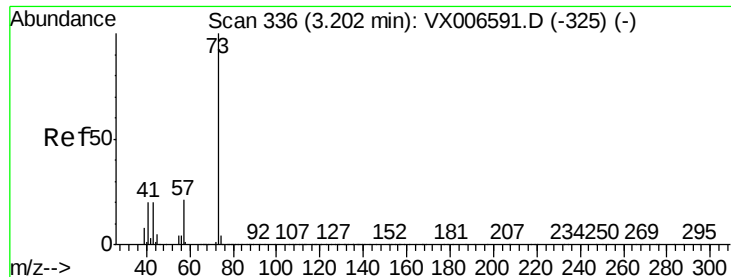
MMDadoda
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#18
Methyl Acetate
Concen: 20.608 ug/l
RT: 2.78 min Scan# 267
Delta R.T. 0.01 min
Lab File: VX006601.D
Acq: 18 Dec 2018 16:45

Tgt Ion	Ratio	Lower	Upper
43	100		
74	24.3	17.9	26.9





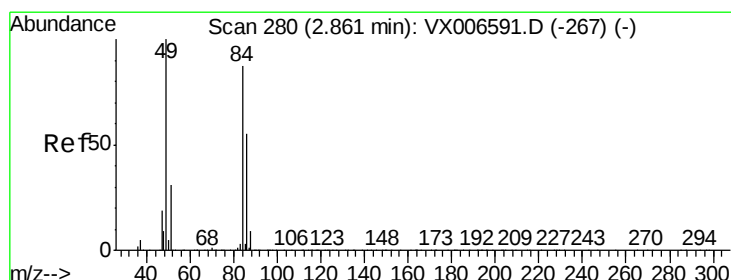
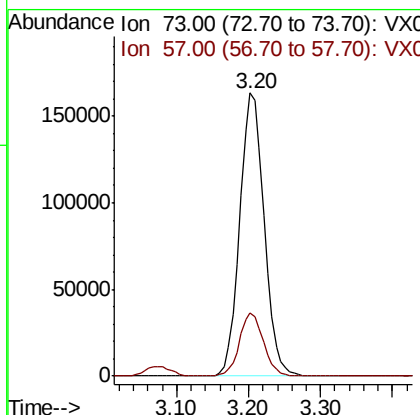
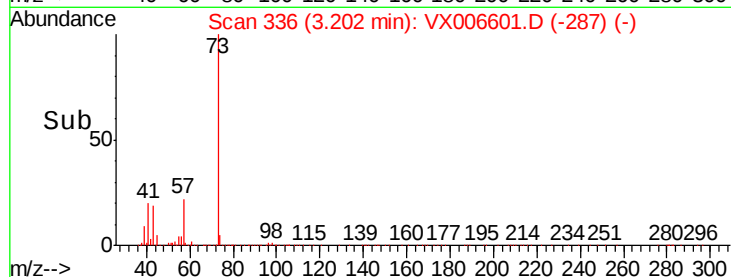
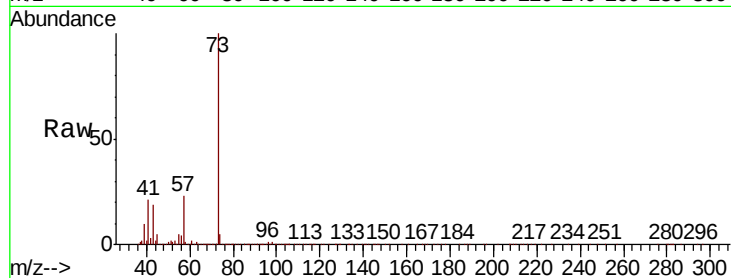
#19
Methvl tert-butvl Ether
Concen: 20.485 ug/l
RT: 3.20 min Scan# 336
Delta R.T. -0.00 min
Lab File: VX006601.D
Acq: 18 Dec 2018 16:45

Instrument :
MSVOA_X
ClientSampleId :
VX1218WBSD01

Tot Ion	Ratio	Lower	Upper
73	100		
57	22.4	17.5	26.3

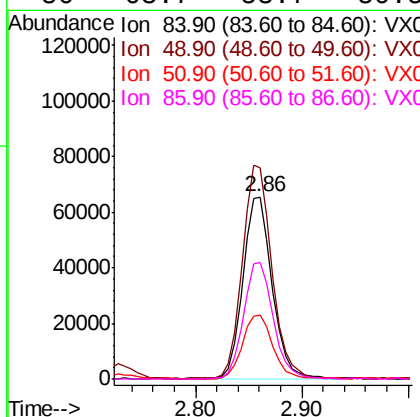
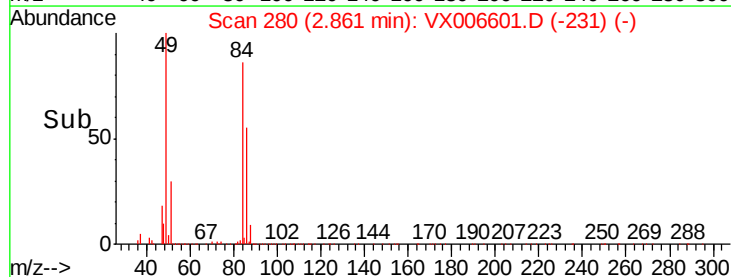
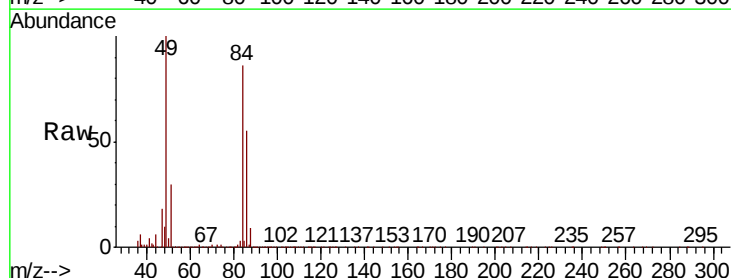
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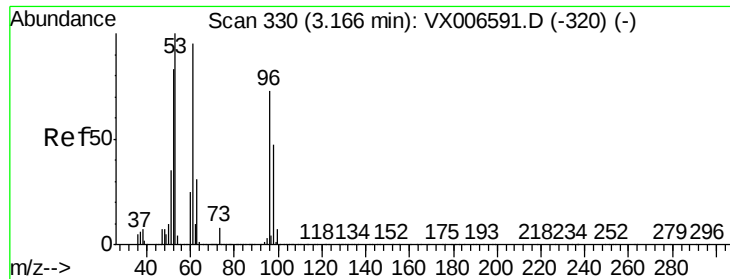
MMDadoda
12/19/2018 11:22:36 AM



#20
Methylene Chloride
Concen: 19.595 ug/l
RT: 2.86 min Scan# 280
Delta R.T. -0.00 min
Lab File: VX006601.D
Acq: 18 Dec 2018 16:45

Tgt Ion	Ratio	Lower	Upper
84	100		
49	116.0	102.2	153.4
51	35.1	31.1	46.7
86	63.7	53.7	80.5





#21

trans-1,2-Dichloroethene

Concen: 18.625 ug/l

RT: 3.17 min Scan# 330

Delta R.T. -0.00 min

Lab File: VX006601.D

Acq: 18 Dec 2018 16:45

Instrument :

MSVOA_X

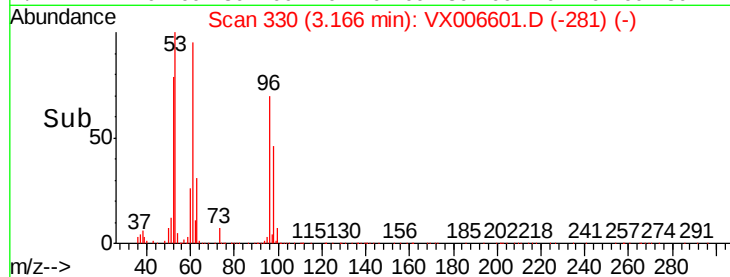
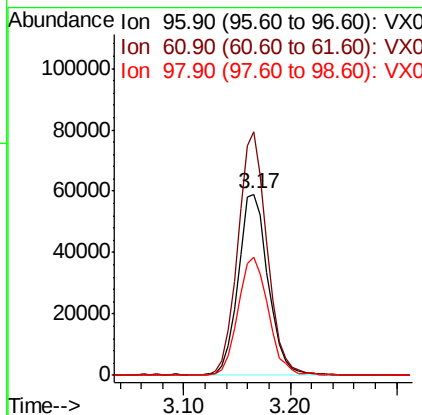
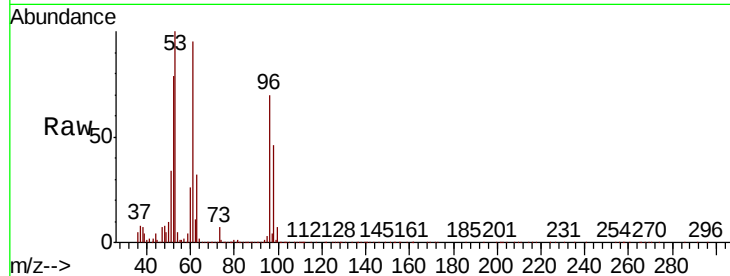
ClientSampleId :

VX1218WBSD01

Tot Ion:	96	Resp:	116207
Ion	Ratio	Lower	Upper
96	100		
61	134.4	113.3	169.9
98	65.5	53.2	79.8

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#22

Diisopropyl ether

Concen: 19.982 ug/l

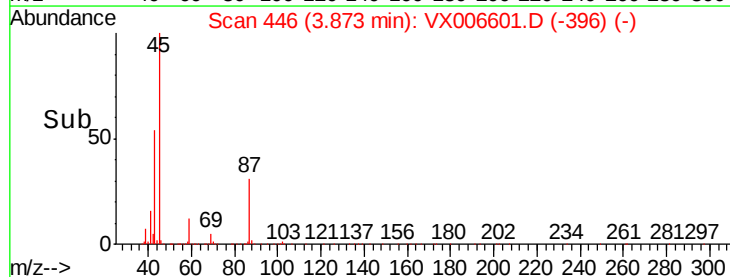
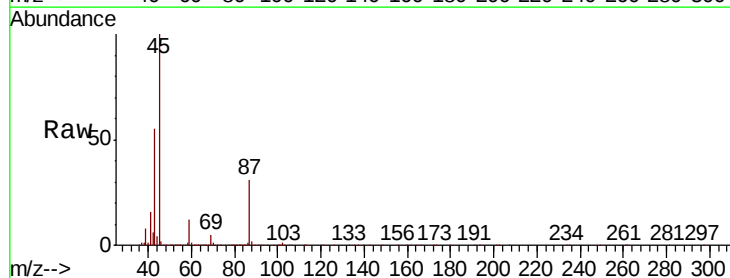
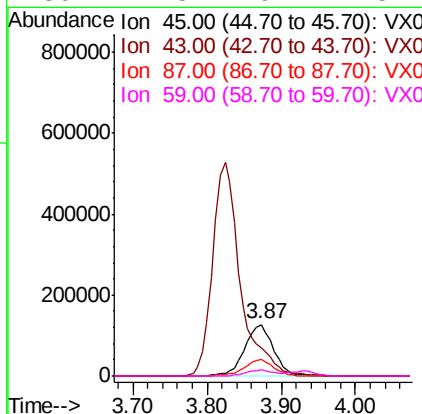
RT: 3.87 min Scan# 446

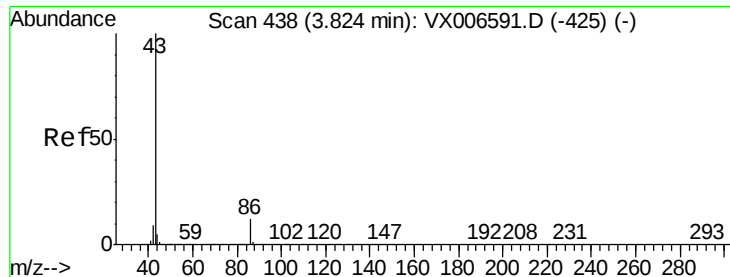
Delta R.T. 0.01 min

Lab File: VX006601.D

Acq: 18 Dec 2018 16:45

Tgt Ion:	45	Resp:	346496
Ion	Ratio	Lower	Upper
45	100		
43	54.2	46.2	69.2
87	31.4	24.9	37.3
59	11.8	9.1	13.7





#23

Vinyl Acetate

Concen: 96.531 ug/l

RT: 3.82 min Scan# 438

Delta R.T. -0.00 min

Lab File: VX006601.D

Acq: 18 Dec 2018 16:45

Instrument :

MSVOA_X

ClientSampleId :

VX1218WBSD01

Tot Ion: 43 Resp: 1369202

Ion Ratio Lower Upper

43 100

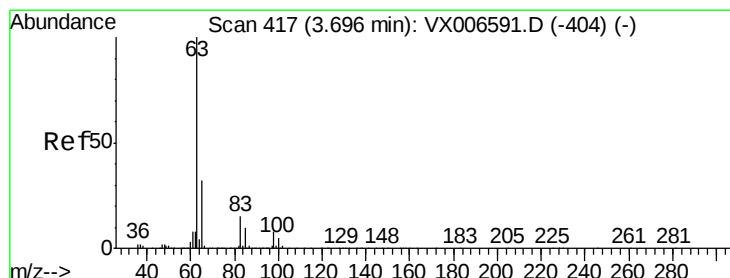
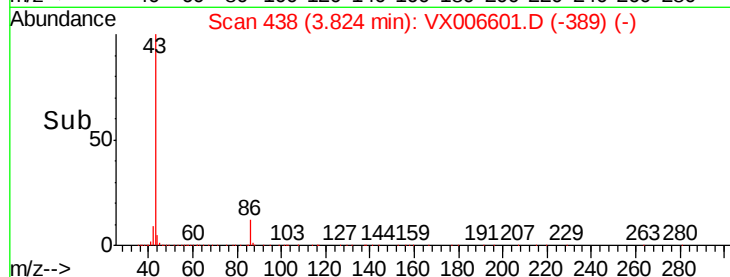
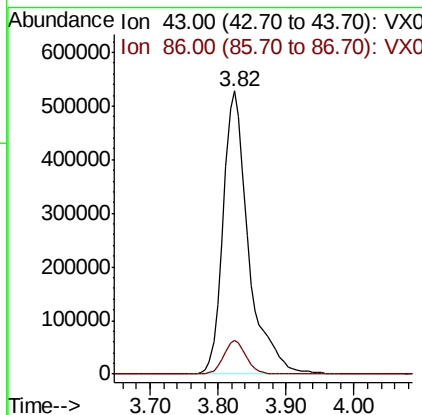
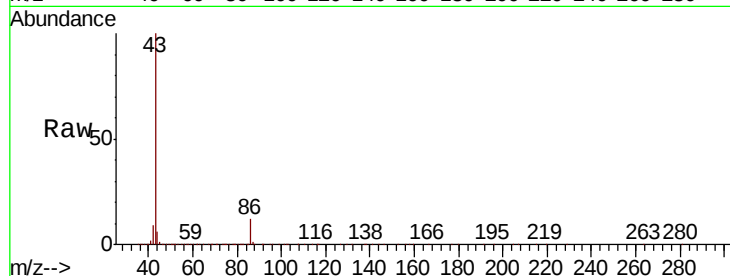
86 12.1 9.4 14.0

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#24

1,1-Dichloroethane

Concen: 19.088 ug/l

RT: 3.70 min Scan# 417

Delta R.T. -0.00 min

Lab File: VX006601.D

Acq: 18 Dec 2018 16:45

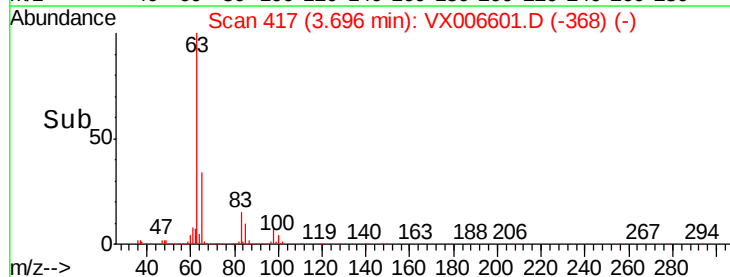
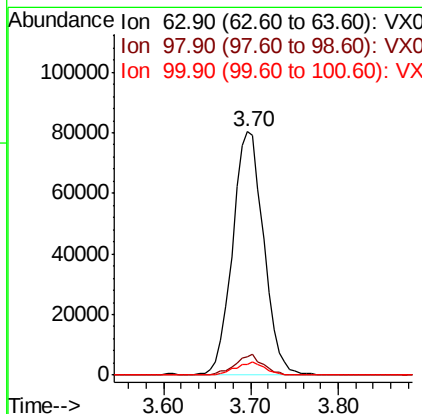
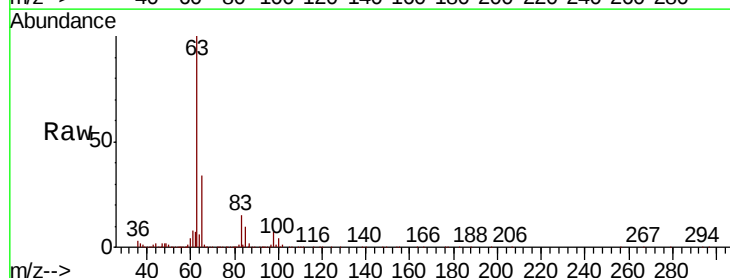
Tgt Ion: 63 Resp: 197590

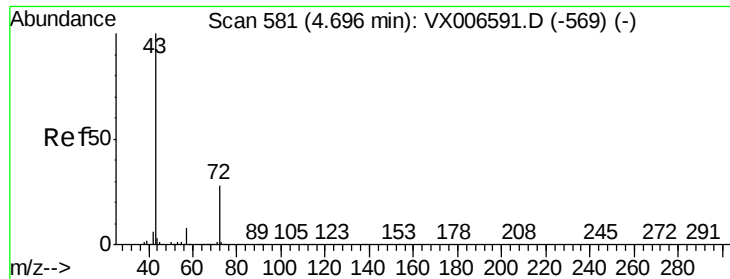
Ion Ratio Lower Upper

63 100

98 7.3 3.8 11.4

100 4.4 2.5 7.4





#25

2-Butanone

Concen: 95.720 ug/l

RT: 4.70 min Scan# 582

Delta R.T. 0.01 min

Lab File: VX006601.D

Acq: 18 Dec 2018 16:45

Instrument :

MSVOA_X

ClientSampleId :

VX1218WBSD01

Tot Ion: 43 Resp: 420186

Ion Ratio Lower Upper

43 100

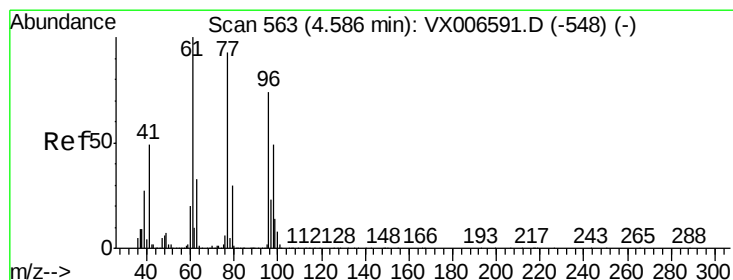
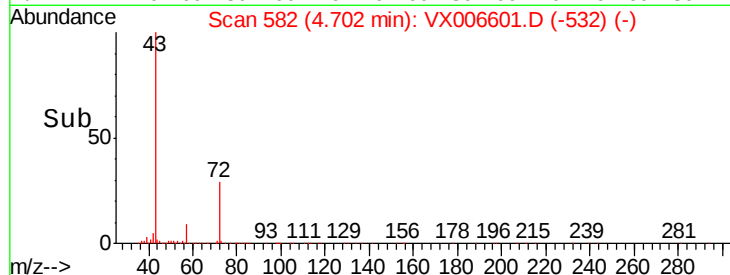
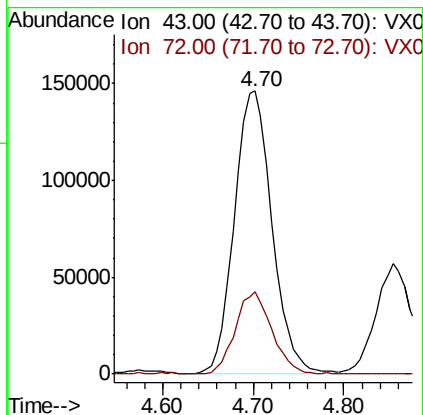
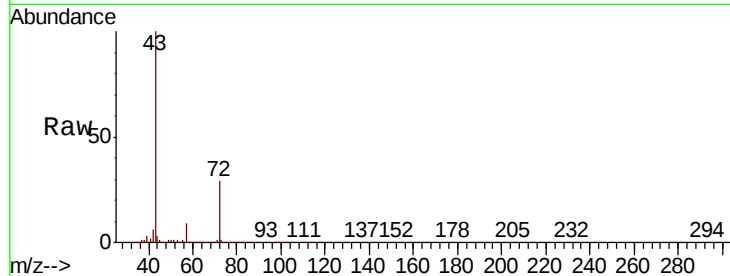
72 28.8 22.6 33.8

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 18.223 ug/l

RT: 4.59 min Scan# 563

Delta R.T. -0.00 min

Lab File: VX006601.D

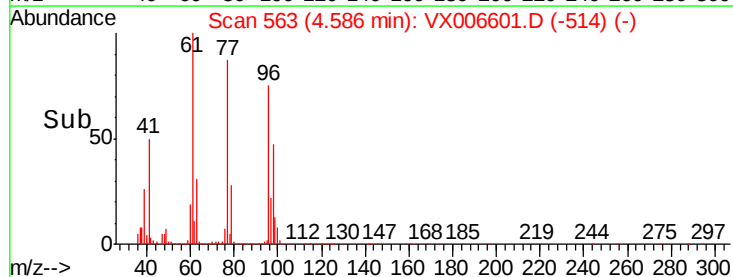
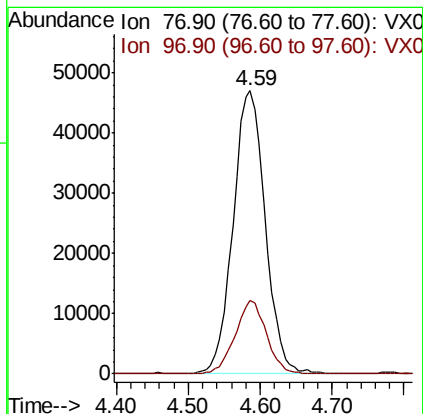
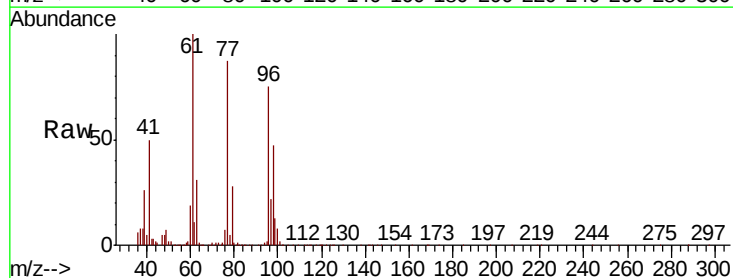
Acq: 18 Dec 2018 16:45

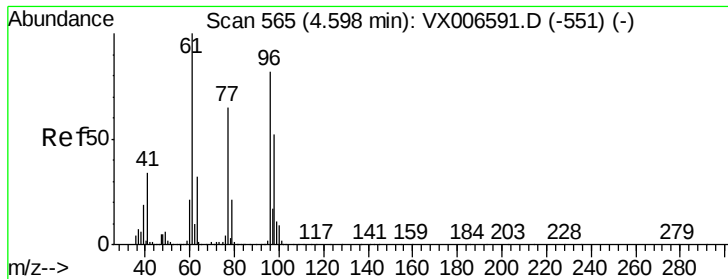
Tgt Ion: 77 Resp: 145711

Ion Ratio Lower Upper

77 100

97 25.2 12.3 36.8





#27

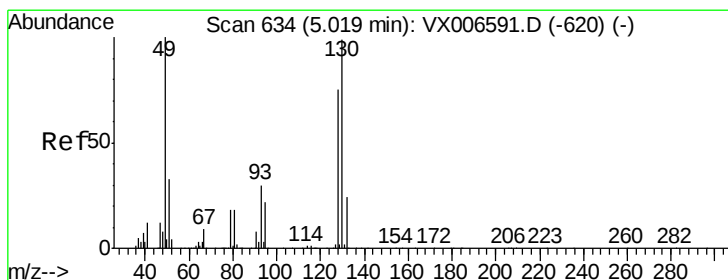
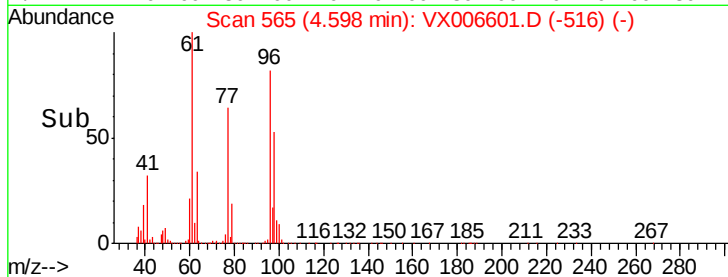
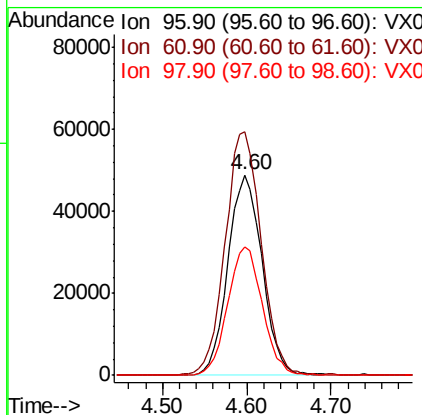
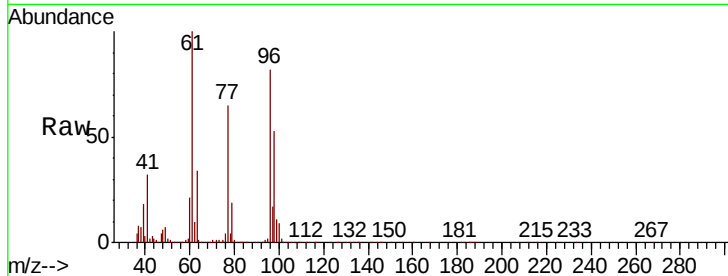
cis-1,2-Dichloroethene
 Concen: 19.557 ug/l
 RT: 4.60 min Scan# 565
 Delta R.T. -0.00 min
 Lab File: VX006601.D
 Acq: 18 Dec 2018 16:45

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1218WBSD01

Tot Ion	Ratio	Lower	Upper
96	100		
61	127.6	0.0	265.0
98	65.0	0.0	130.2

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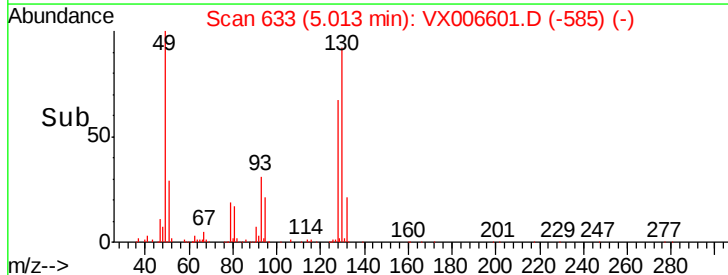
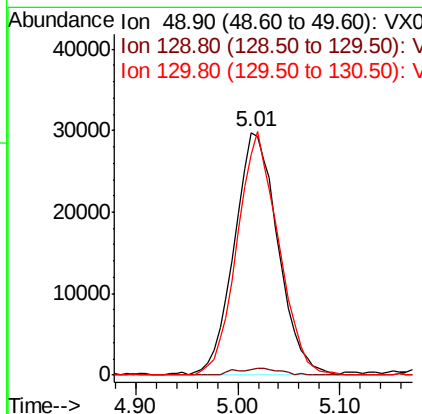
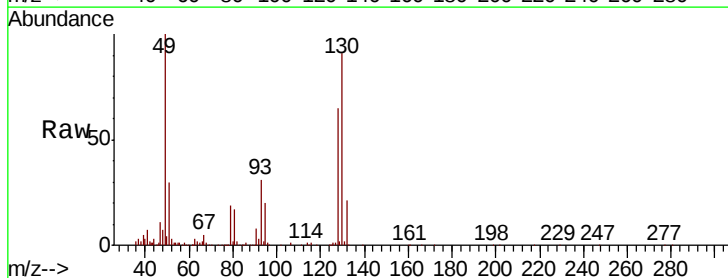
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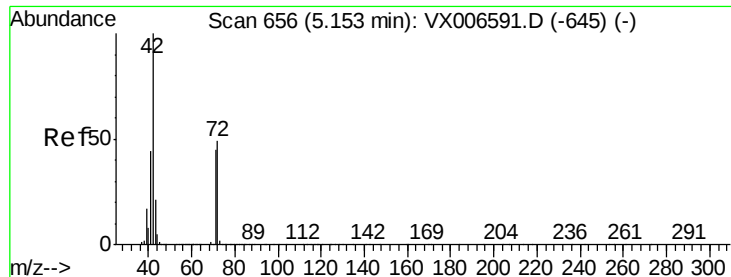


#28

Bromochloromethane
 Concen: 18.900 ug/l
 RT: 5.01 min Scan# 633
 Delta R.T. -0.01 min
 Lab File: VX006601.D
 Acq: 18 Dec 2018 16:45

Tgt Ion	Ratio	Lower	Upper
49	100		
129	3.0	0.0	5.0
130	96.3	78.3	117.5





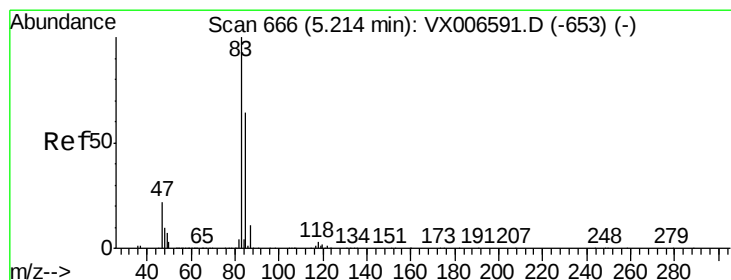
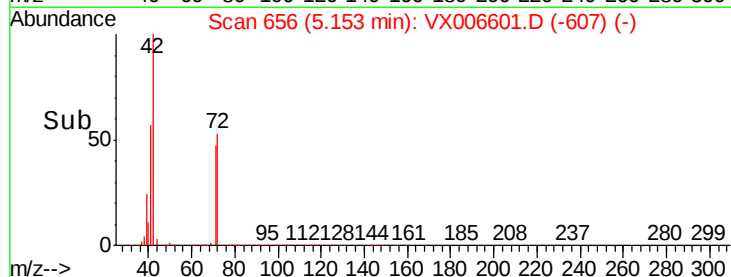
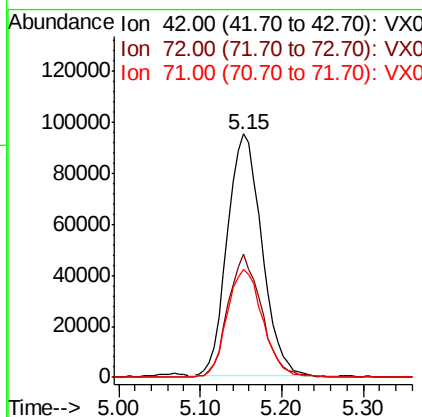
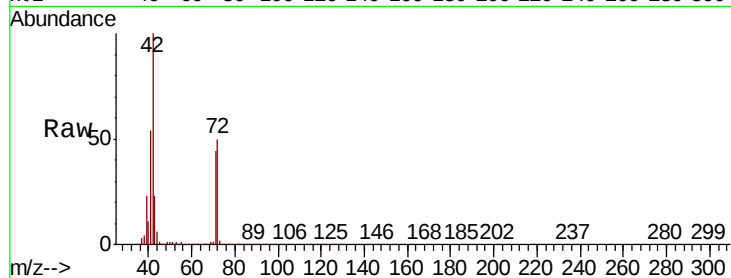
#29
Tetrahydrofuran
Concen: 96.889 ug/l
RT: 5.15 min Scan# 656
Delta R.T. -0.00 min
Lab File: VX006601.D
Acq: 18 Dec 2018 16:45

Instrument :
MSVOA_X
ClientSampleId :
VX1218WBSD01

Tot Ion	Ratio	Lower	Upper
42	100		
72	49.5	37.8	56.8
71	45.5	35.2	52.8

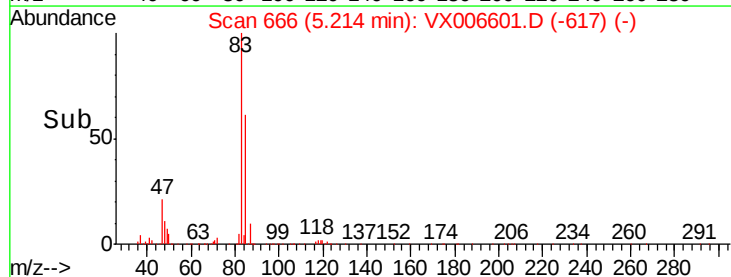
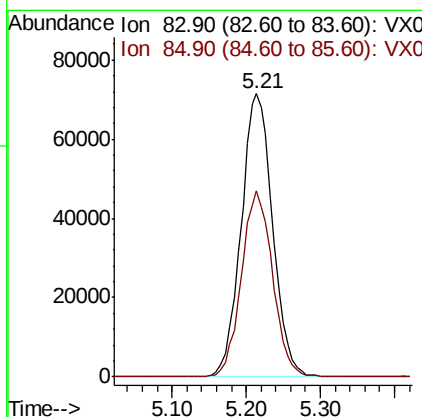
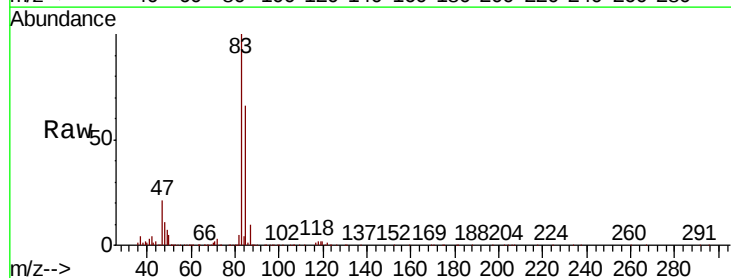
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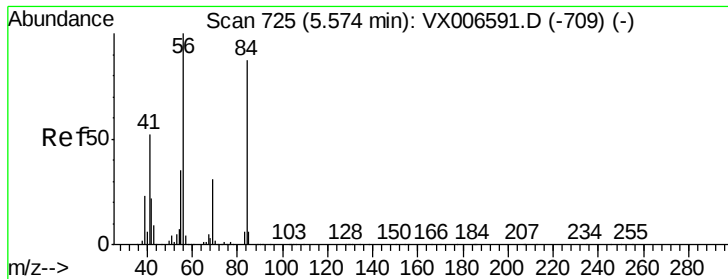
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#30
Chloroform
Concen: 19.745 ug/l
RT: 5.21 min Scan# 666
Delta R.T. -0.00 min
Lab File: VX006601.D
Acq: 18 Dec 2018 16:45

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.6	50.3	75.5





#31

Cyclohexane

Concen: 19.470 ug/l

RT: 5.57 min Scan# 725

Delta R.T. -0.00 min

Lab File: VX006601.D

Acq: 18 Dec 2018 16:45

Instrument :

MSVOA_X

ClientSampleId :

VX1218WBSD01

Tot Ion: 56 Resp: 183098

Ion Ratio Lower Upper

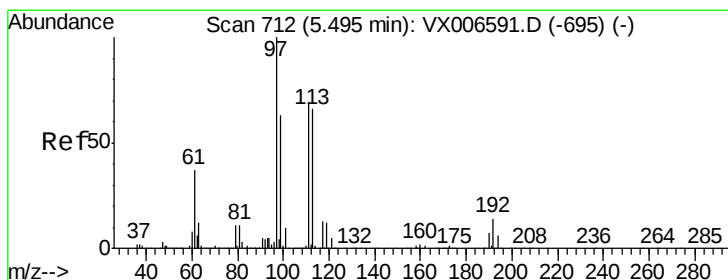
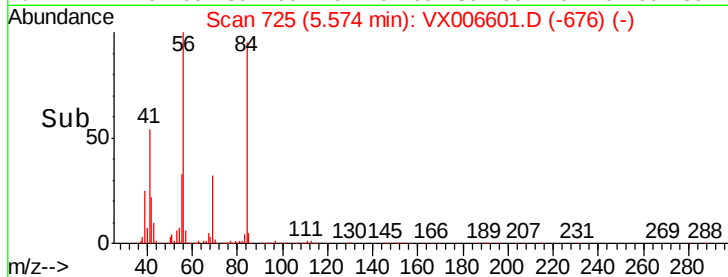
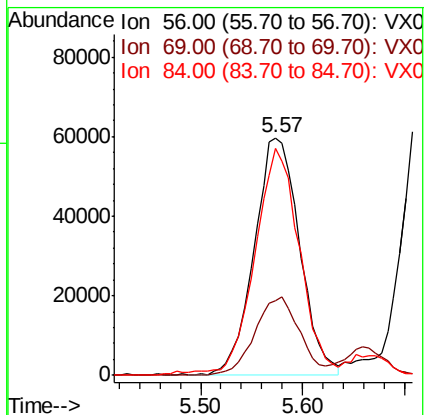
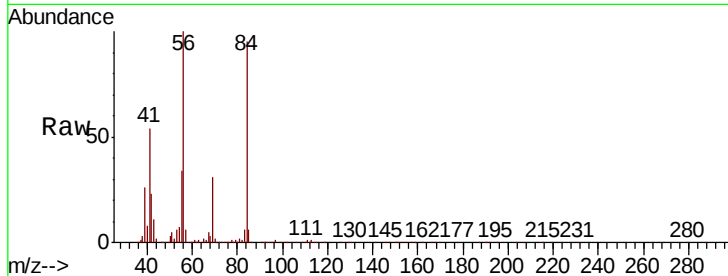
56 100

69 31.6 24.5 36.7

84 94.2 71.8 107.6

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 19.463 ug/l

RT: 5.49 min Scan# 712

Delta R.T. -0.00 min

Lab File: VX006601.D

Acq: 18 Dec 2018 16:45

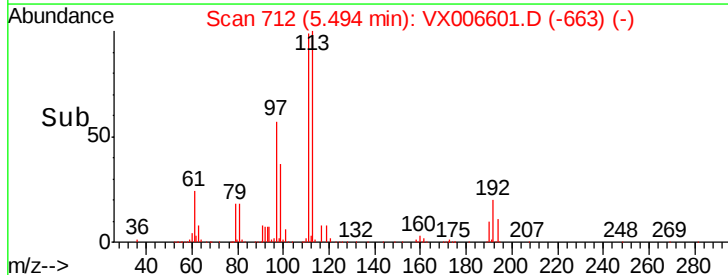
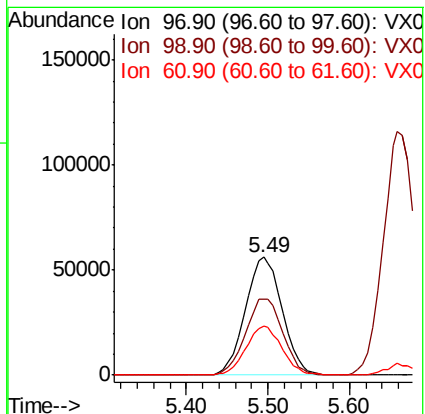
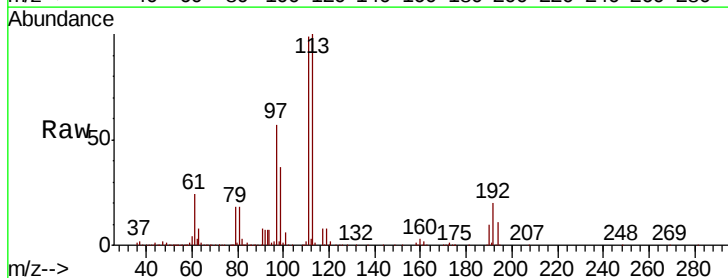
Tgt Ion: 97 Resp: 176170

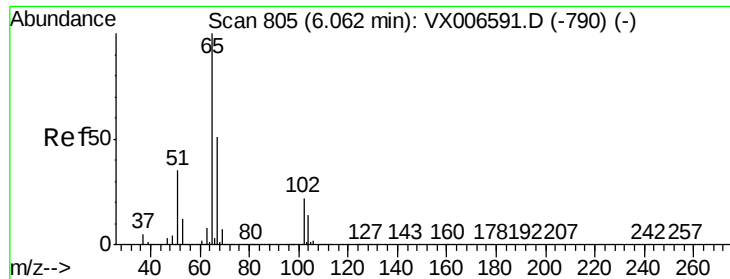
Ion Ratio Lower Upper

97 100

99 66.0 51.6 77.4

61 41.0 30.6 46.0





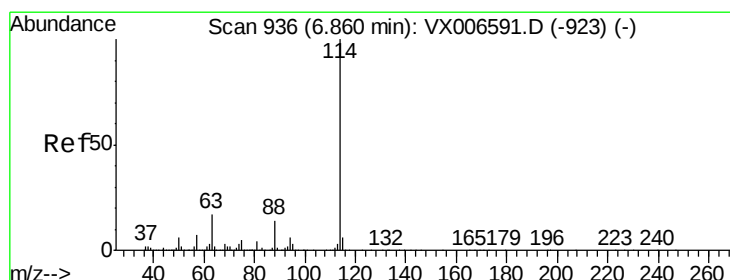
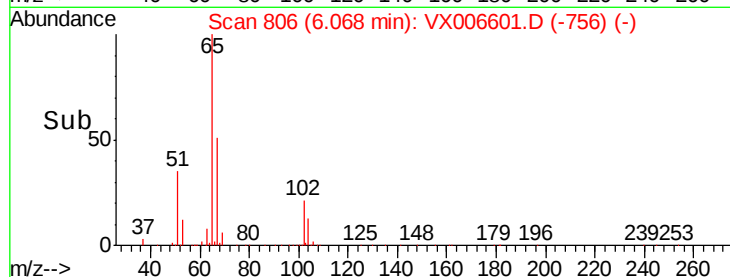
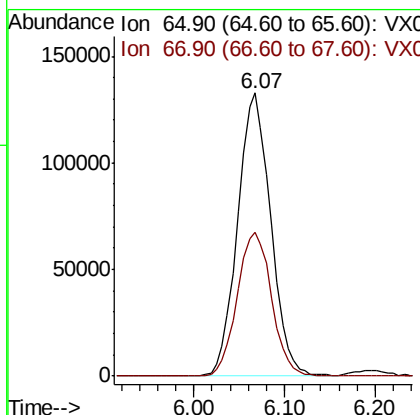
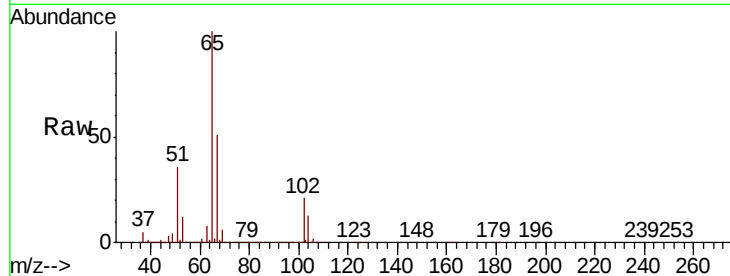
#33
 1,2-Dichloroethane-d4
 Concen: 49.556 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. 0.01 min
 Lab File: VX006601.D
 Acq: 18 Dec 2018 16:45

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1218WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
65	100	336621		
67	52.8	0.0	107.2	

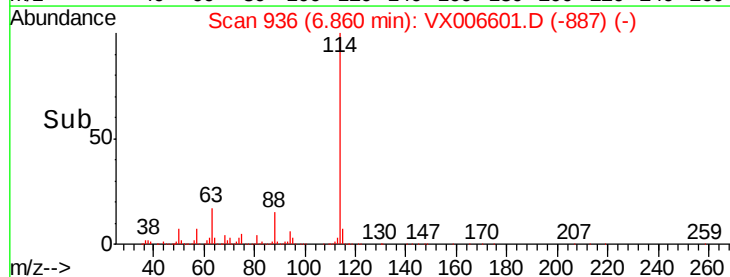
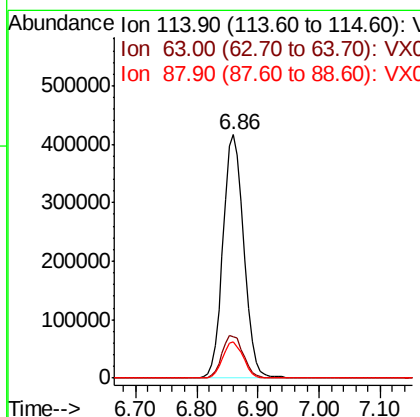
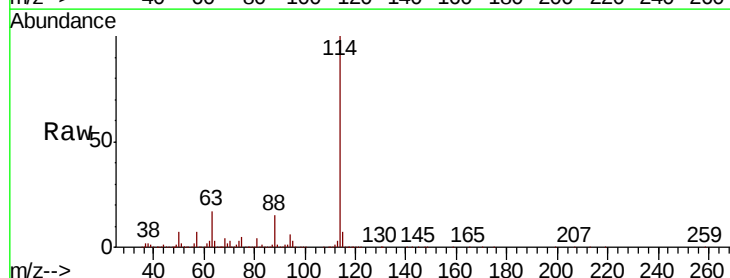
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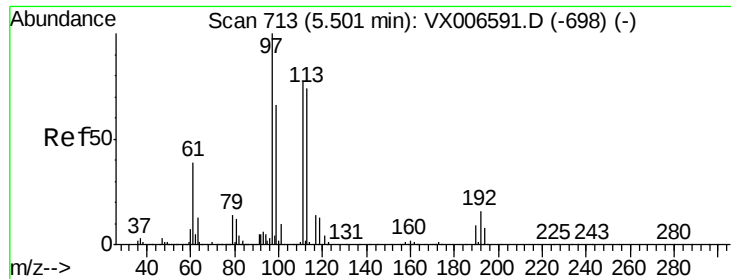
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX006601.D
 Acq: 18 Dec 2018 16:45

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	979245		
63	17.0	0.0	36.6	
88	14.8	0.0	29.0	





#35

Dibromofluoromethane

Concen: 48.393 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX006601.D

Acq: 18 Dec 2018 16:45

Instrument :

MSVOA_X

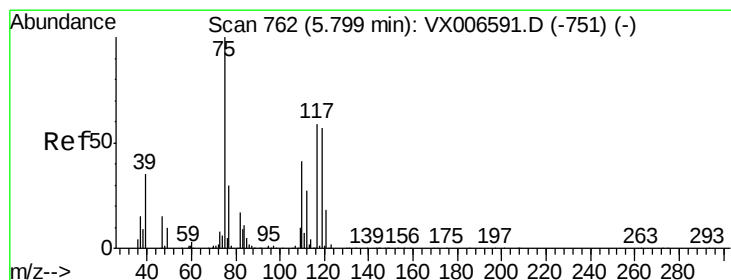
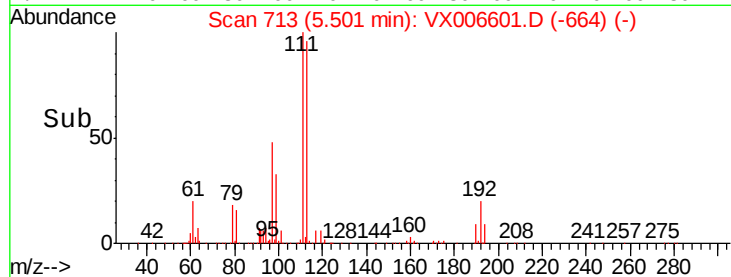
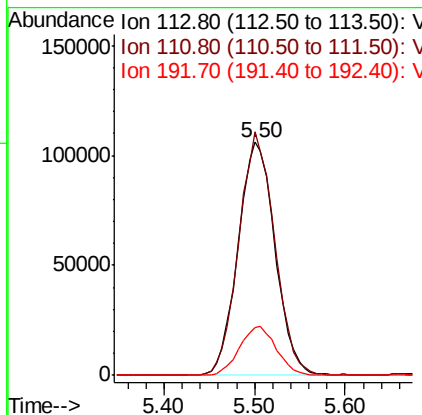
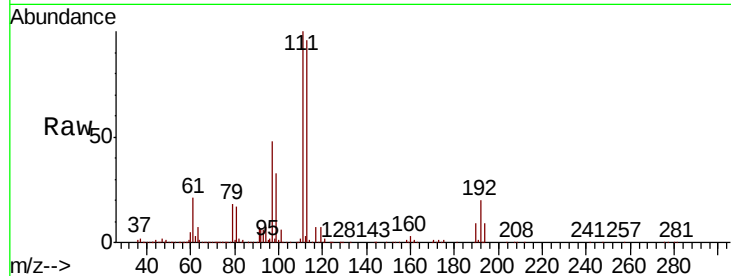
ClientSampleId :

VX1218WBSD01

Tot Ion:	113	Resp:	299678
Ion Ratio	Lower	Upper	
113	100		
111	101.4	81.1	121.7
192	21.0	18.2	27.2

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#36

1,1-Dichloropropene

Concen: 19.134 ug/l

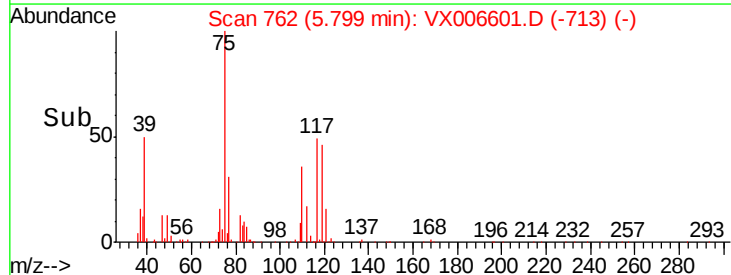
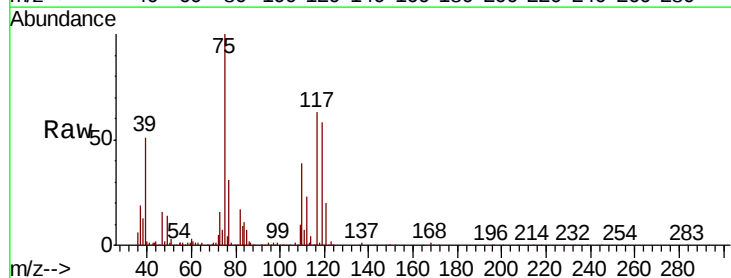
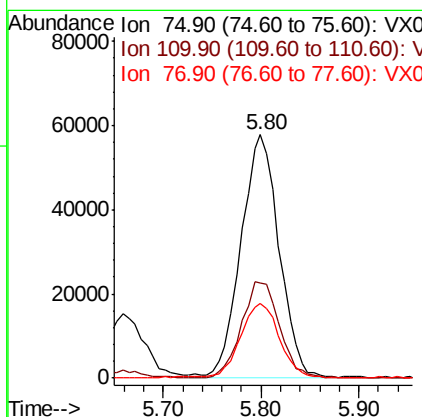
RT: 5.80 min Scan# 762

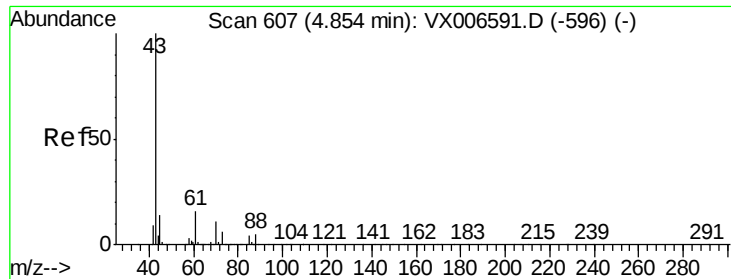
Delta R.T. -0.00 min

Lab File: VX006601.D

Acq: 18 Dec 2018 16:45

Tgt Ion:	75	Resp:	155182
Ion Ratio	Lower	Upper	
75	100		
110	40.1	20.4	61.3
77	31.3	24.9	37.3





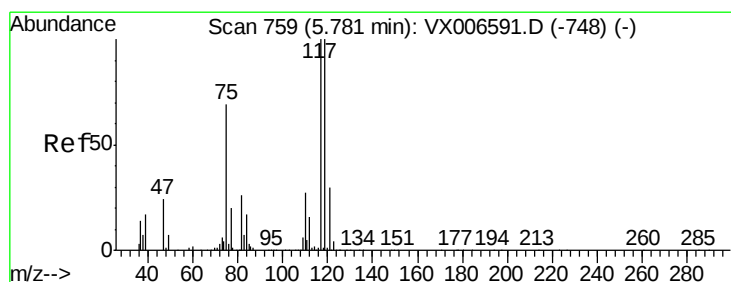
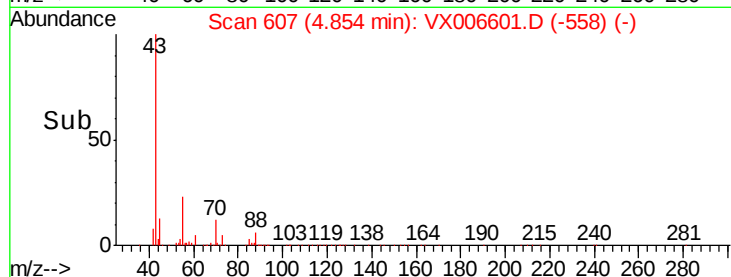
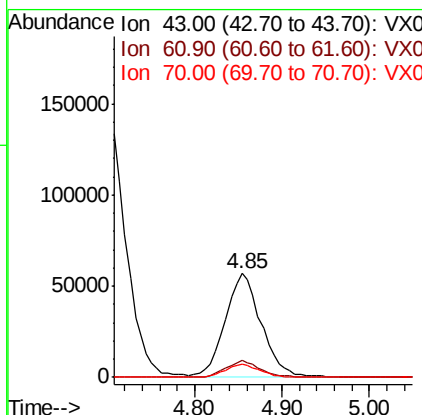
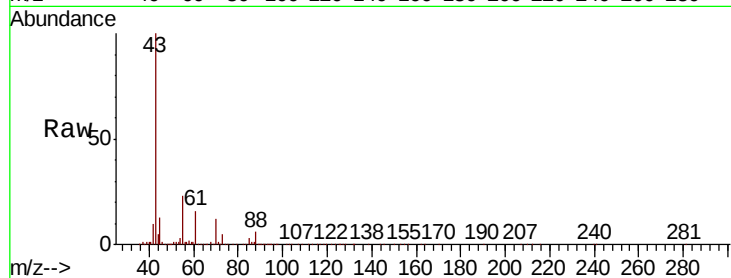
#37
Ethyl Acetate
Concen: 19.007 ug/l
RT: 4.85 min Scan# 607
Delta R.T. -0.00 min
Lab File: VX006601.D
Acq: 18 Dec 2018 16:45

Instrument :
MSVOA_X
ClientSampleId :
VX1218WBSD01

Tot Ion:	43	Resp:	160446
Ion	Ratio	Lower	Upper
43	100		
61	15.0	11.5	17.3
70	12.0	9.0	13.6

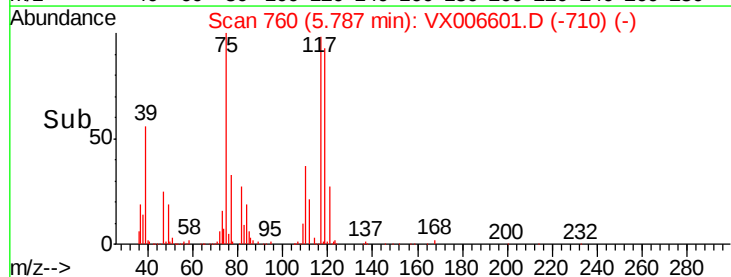
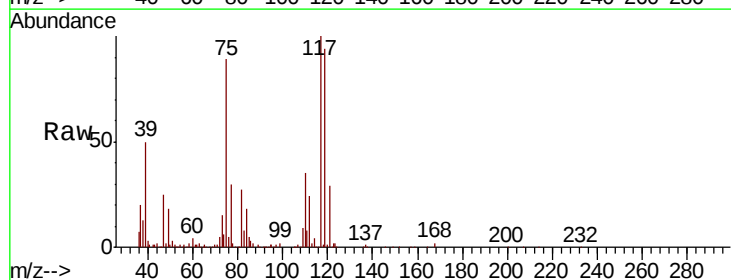
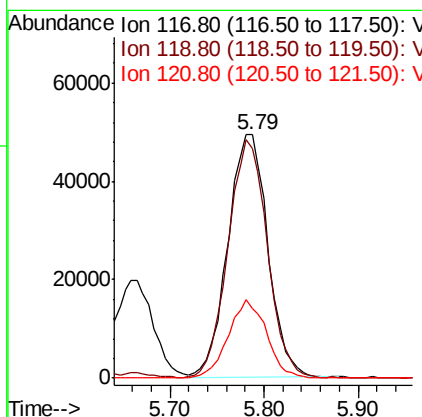
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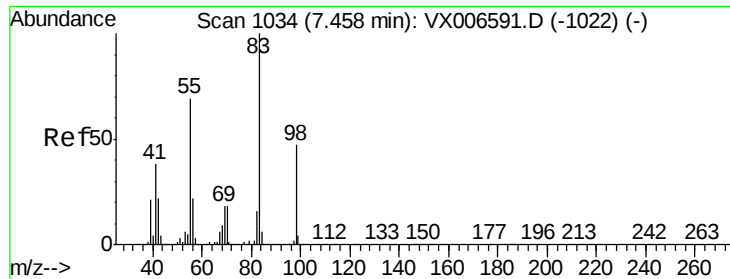
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#38
Carbon Tetrachloride
Concen: 18.526 ug/l
RT: 5.79 min Scan# 760
Delta R.T. 0.01 min
Lab File: VX006601.D
Acq: 18 Dec 2018 16:45

Tgt Ion:	117	Resp:	146023
Ion	Ratio	Lower	Upper
117	100		
119	94.7	75.8	113.8
121	28.6	24.6	37.0





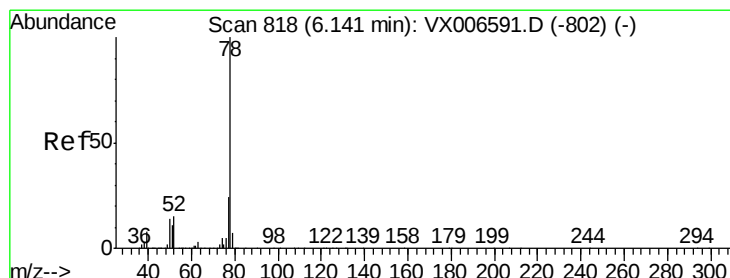
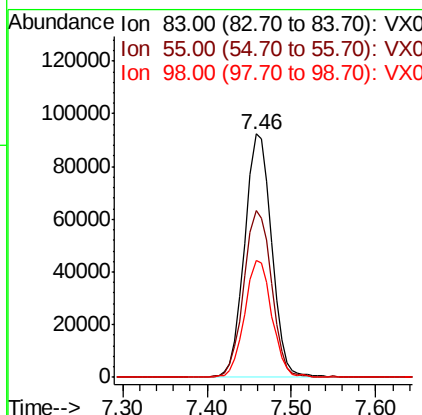
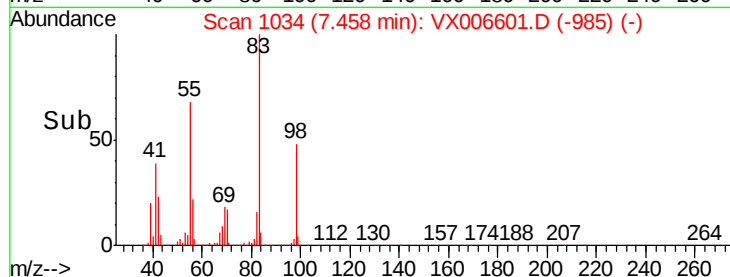
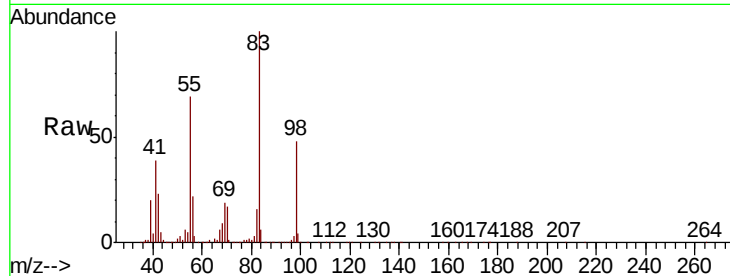
#39
Methvlcvclohexane
Concen: 18.657 ug/l
RT: 7.46 min Scan# 1034
Delta R.T. -0.00 min
Lab File: VX006601.D
Acq: 18 Dec 2018 16:45

Instrument :
MSVOA_X
ClientSampleId :
VX1218WBSD01

Tot Ion	Ratio	Lower	Upper
83	100		
55	68.3	56.4	84.6
98	47.8	39.0	58.6

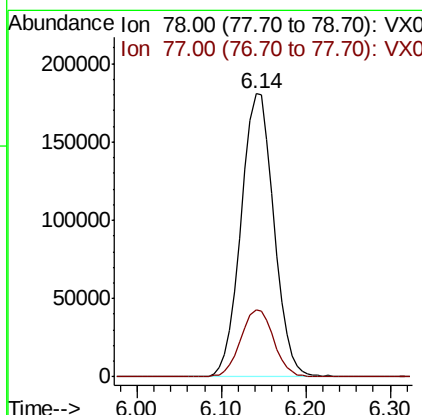
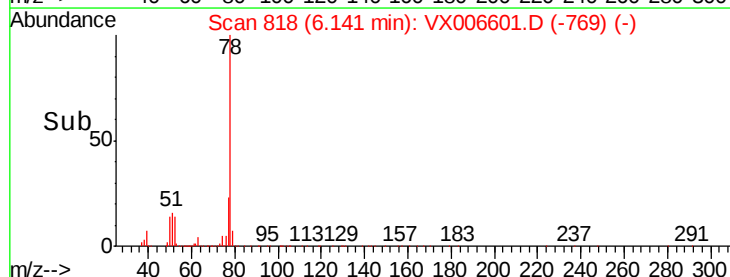
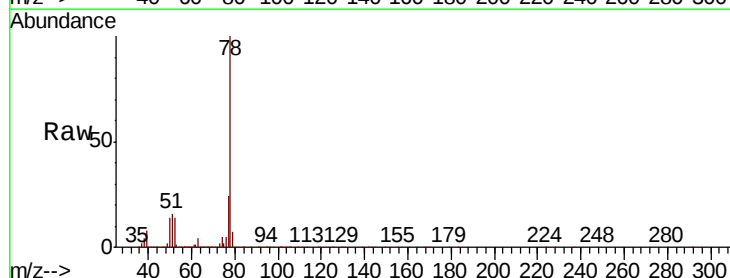
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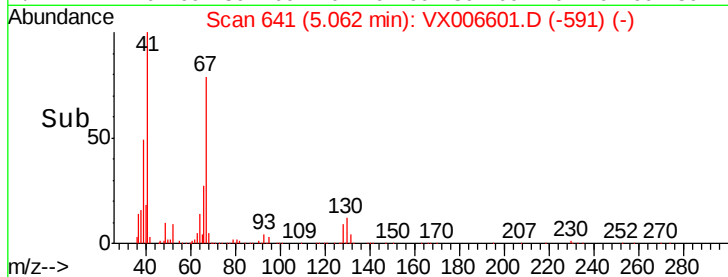
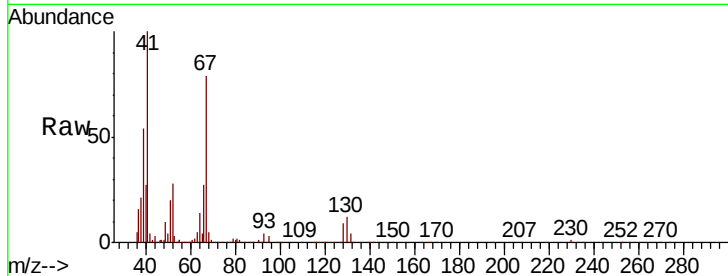
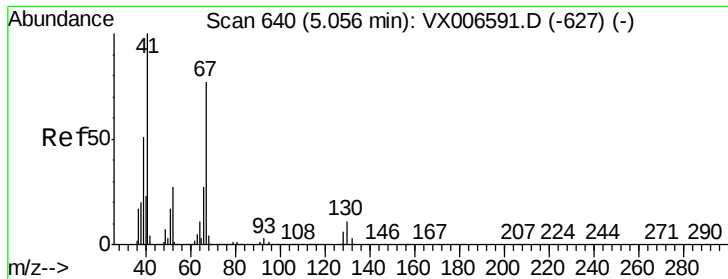
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#40
Benzene
Concen: 19.372 ug/l
RT: 6.14 min Scan# 818
Delta R.T. -0.00 min
Lab File: VX006601.D
Acq: 18 Dec 2018 16:45

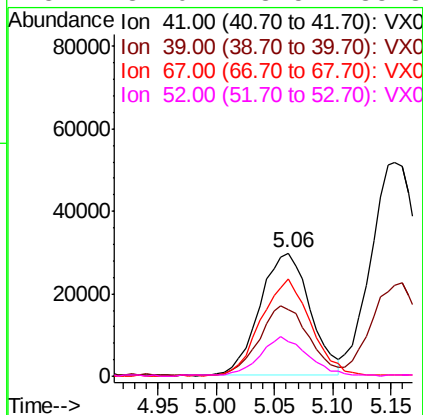
Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.4	19.2	28.8





#41
Methacrylonitrile
Concen: 18.779 ug/l
RT: 5.06 min Scan# 641
Delta R.T. 0.01 min
Lab File: VX006601.D
Acq: 18 Dec 2018 16:45

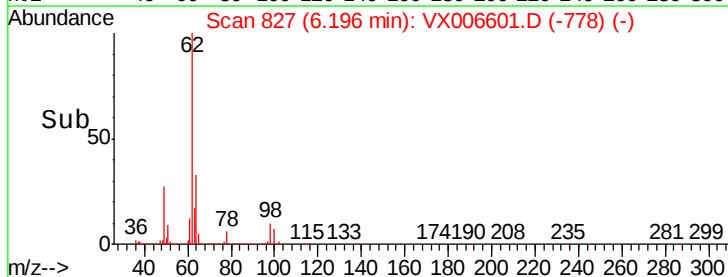
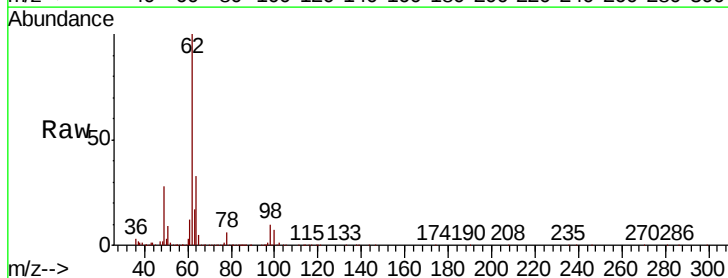
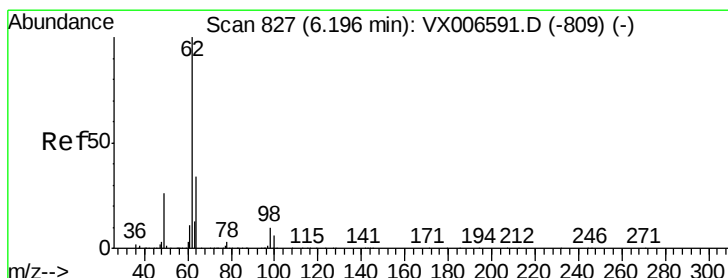
Tot Ion	Ion	Ratio	Resp	Lower	Upper
41	100		89080		
39	56.3	44.0	66.0		
67	78.1	61.4	92.0		
52	31.0	23.5	35.3		



Instrument :
MSVOA_X
ClientSampleId :
VX1218WBSD01

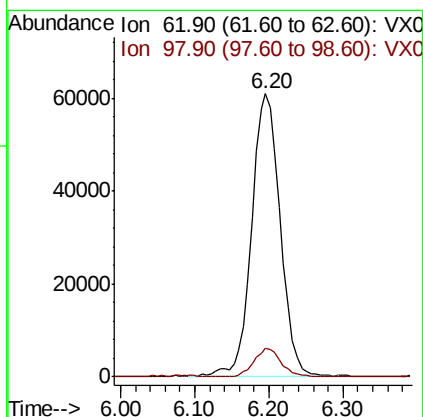
Manual Integrations
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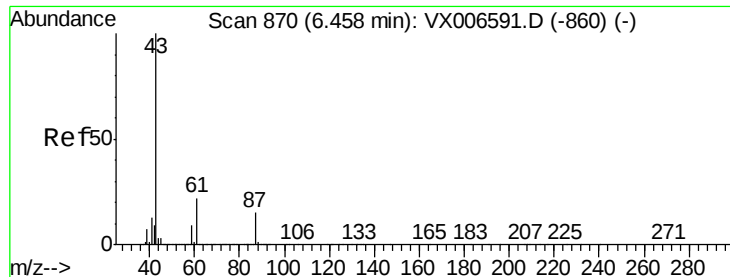
MMDadoda
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#42
1,2-Dichloroethane
Concen: 19.406 ug/l
RT: 6.20 min Scan# 827
Delta R.T. -0.00 min
Lab File: VX006601.D
Acq: 18 Dec 2018 16:45

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
62	100		163026		
98	9.8	0.0	20.2		





#43

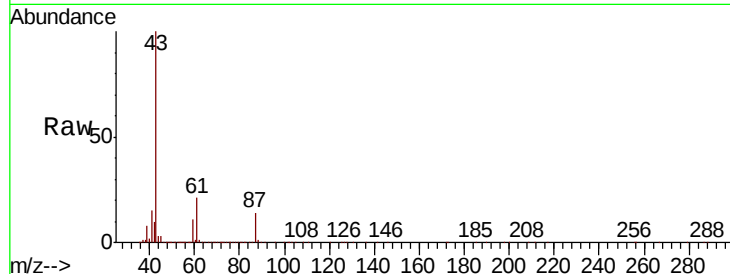
Isopropyl Acetate
 Concen: 19.746 ug/l
 RT: 6.46 min Scan# 870
 Delta R.T. -0.00 min
 Lab File: VX006601.D
 Acq: 18 Dec 2018 16:45

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1218WBSD01

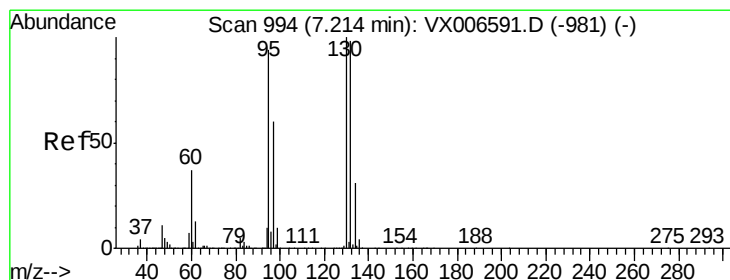
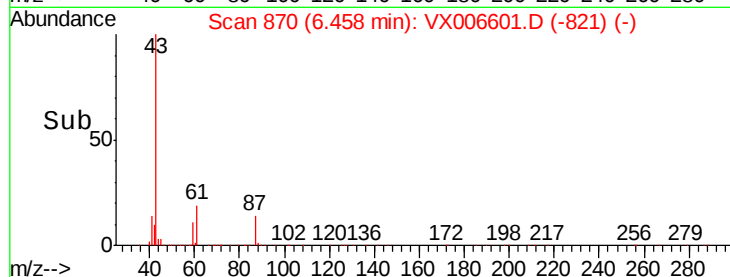
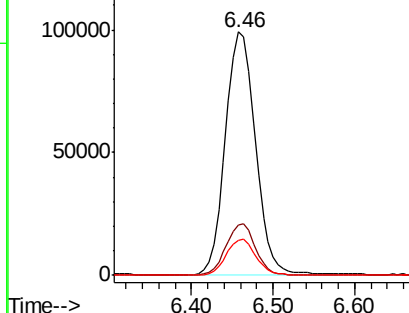
Tot Ion	Ratio	Lower	Upper
43	100		
61	20.3	16.8	25.2
87	14.7	11.9	17.9

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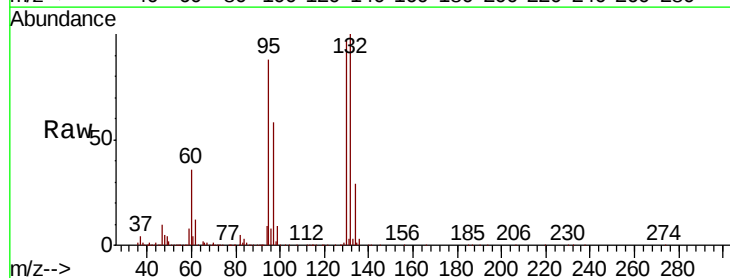
Abundance Ion 43.00 (42.70 to 43.70): VX0
 Ion 61.00 (60.70 to 61.70): VX0
 Ion 87.00 (86.70 to 87.70): VX0



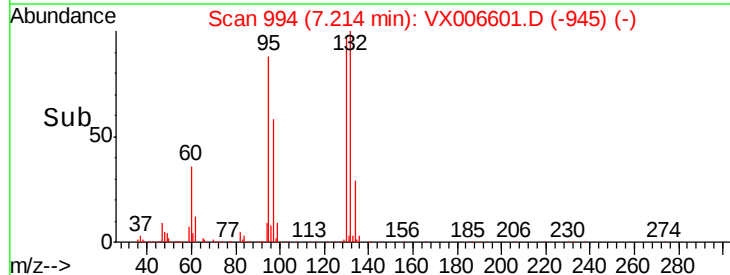
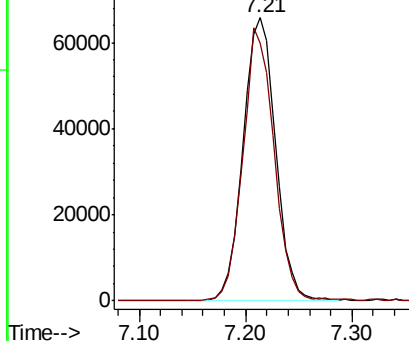
#44

Trichloroethene
 Concen: 18.961 ug/l
 RT: 7.21 min Scan# 994
 Delta R.T. -0.00 min
 Lab File: VX006601.D
 Acq: 18 Dec 2018 16:45

Tgt Ion	Ratio	Lower	Upper
130	100		
95	91.1	0.0	175.8



Abundance Ion 129.80 (129.50 to 130.50): V
 Ion 94.90 (94.60 to 95.60): VX0





#45

1,2-Dichloropropane

Concen: 19.243 ug/l

RT: 7.51 min Scan# 1043

Delta R.T. -0.00 min

Lab File: VX006601.D

Acq: 18 Dec 2018 16:45

Instrument :

MSVOA_X

ClientSampleId :

VX1218WBSD01

Tot Ion: 63 Resp: 115442

Ion Ratio Lower Upper

63 100

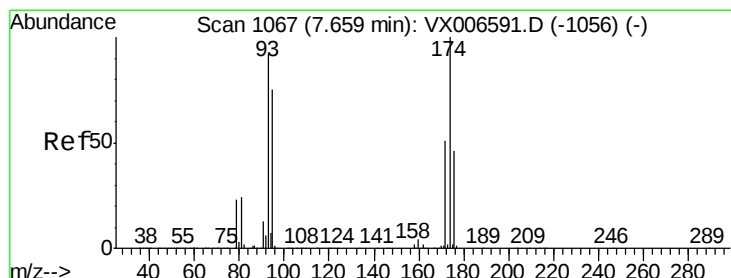
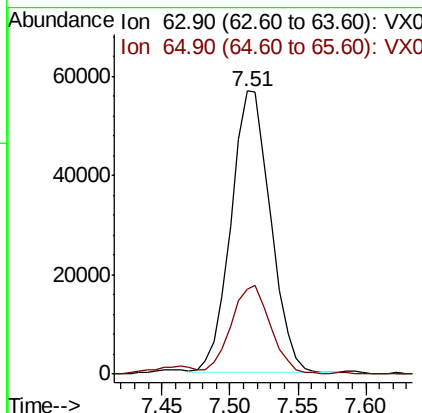
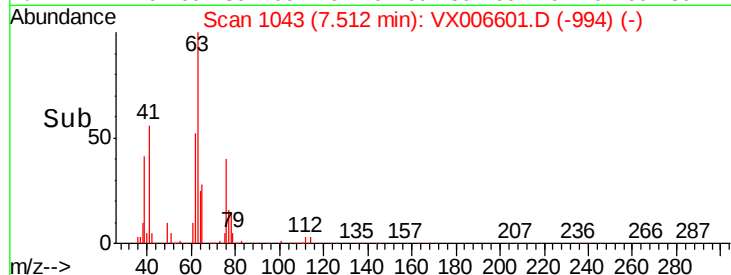
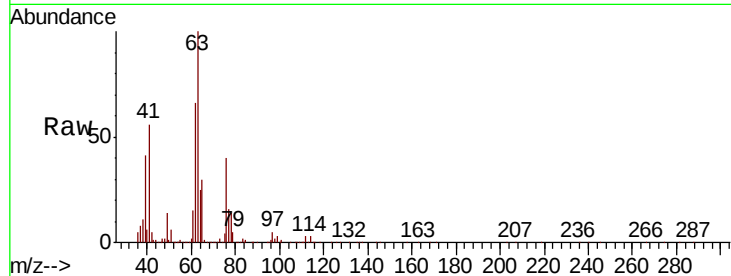
65 29.5 24.3 36.5

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#46

Dibromomethane

Concen: 18.627 ug/l

RT: 7.66 min Scan# 1068

Delta R.T. 0.01 min

Lab File: VX006601.D

Acq: 18 Dec 2018 16:45

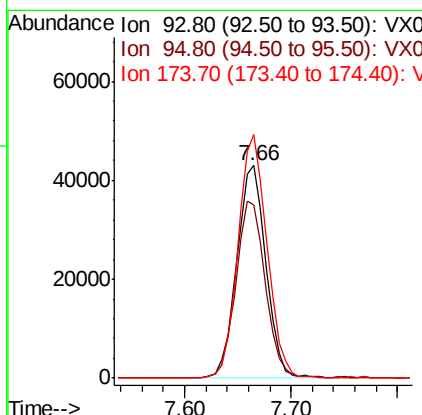
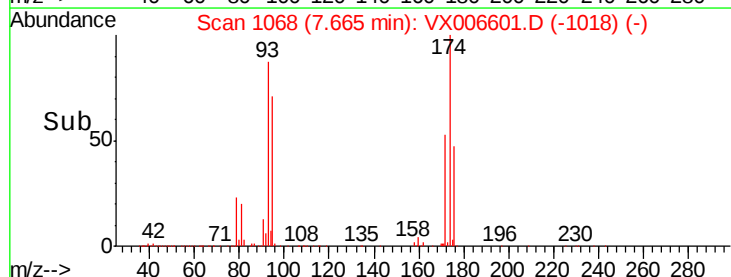
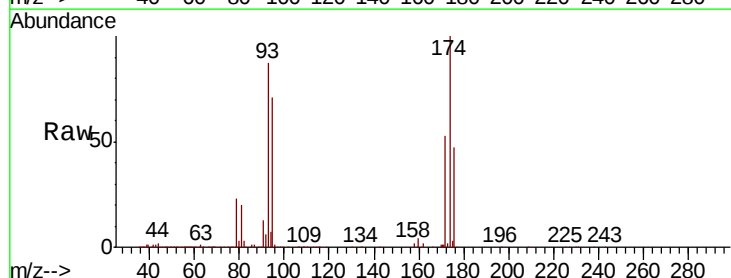
Tgt Ion: 93 Resp: 82198

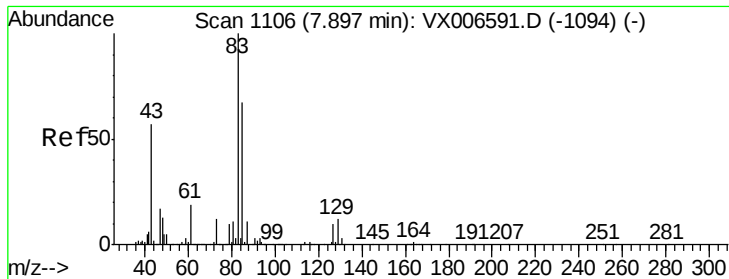
Ion Ratio Lower Upper

93 100

95 85.0 66.2 99.4

174 114.5 97.2 145.8





#47

Bromodichloromethane

Concen: 18.580 ug/l

RT: 7.90 min Scan# 1107

Delta R.T. 0.01 min

Lab File: VX006601.D

Acq: 18 Dec 2018 16:45

Instrument :

MSVOA_X

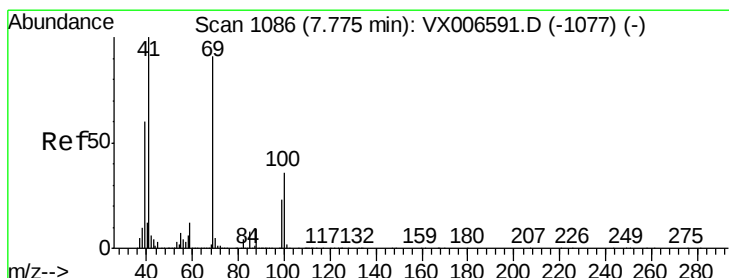
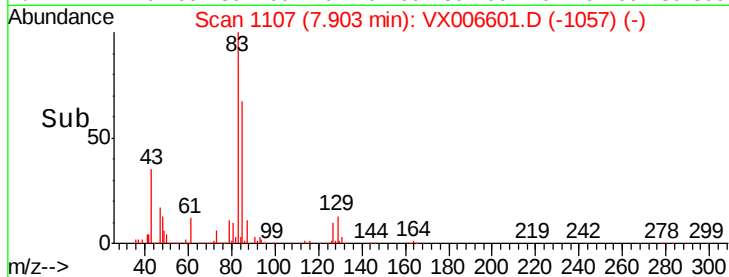
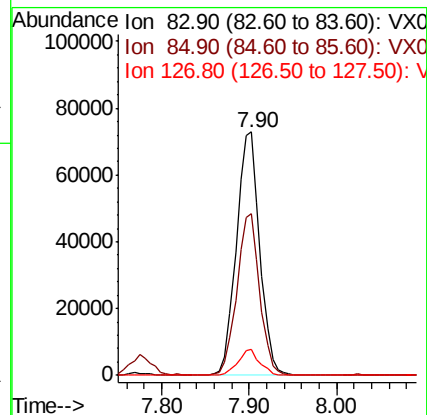
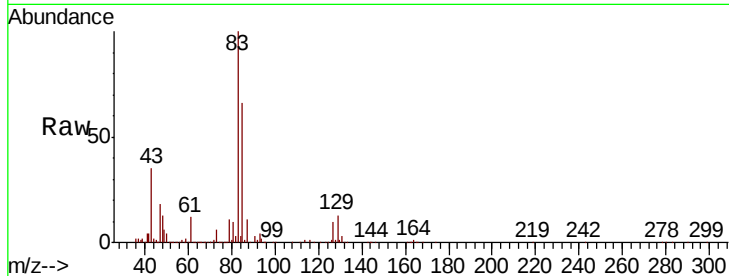
ClientSampleId :

VX1218WBSD01

Tot Ion:	83	Resp:	136118
Ion Ratio	Lower	Upper	
83	100		
85	66.3	51.4	77.0
127	10.5	7.9	11.9

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#48

Methyl methacrylate

Concen: 19.505 ug/l

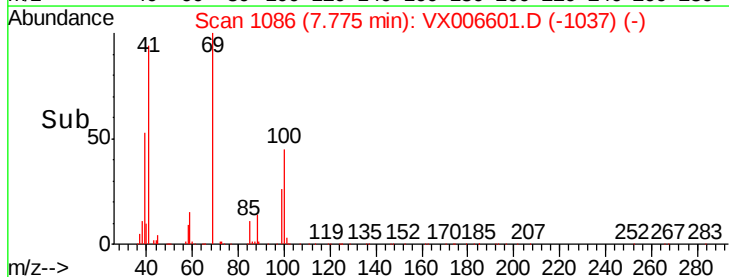
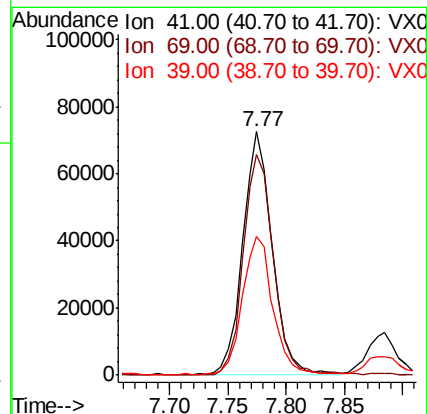
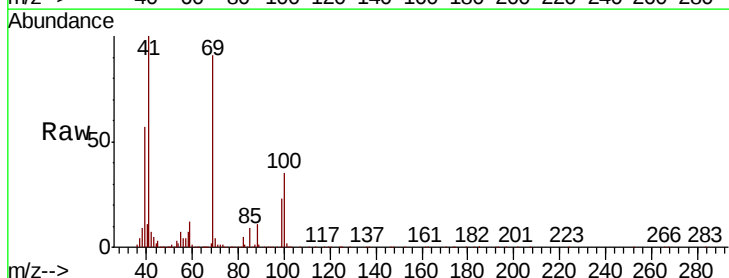
RT: 7.77 min Scan# 1086

Delta R.T. -0.00 min

Lab File: VX006601.D

Acq: 18 Dec 2018 16:45

Tgt Ion:	41	Resp:	127399
Ion Ratio	Lower	Upper	
41	100		
69	93.5	70.3	105.5
39	58.4	45.3	67.9





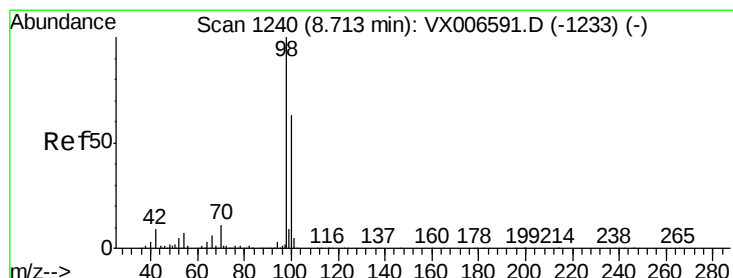
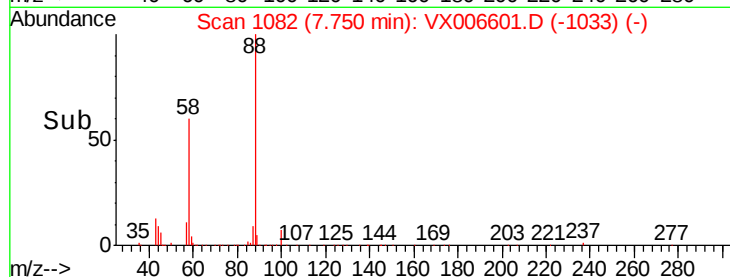
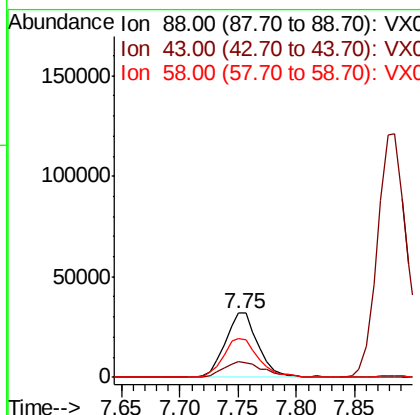
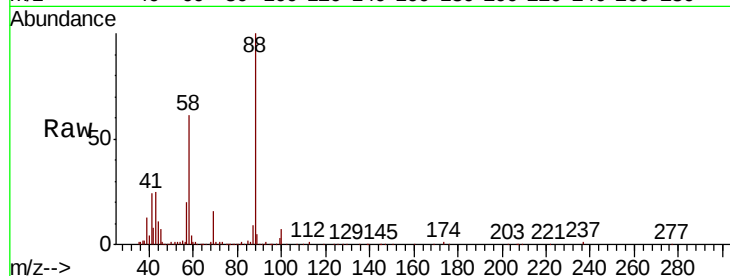
#49
1,4-Dioxane
Concen: 356.170 ug/l
RT: 7.75 min Scan# 1082
Delta R.T. 0.00 min
Lab File: VX006601.D
Acq: 18 Dec 2018 16:45

Instrument :
MSVOA_X
ClientSampleId :
VX1218WBSD01

Tot Ion	Ratio	Lower	Upper
88	100		
43	30.6	23.2	34.8
58	64.8	51.4	77.0

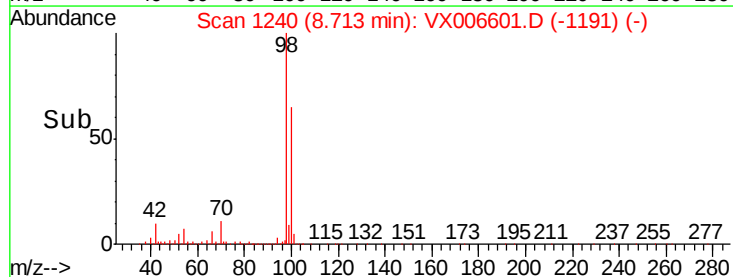
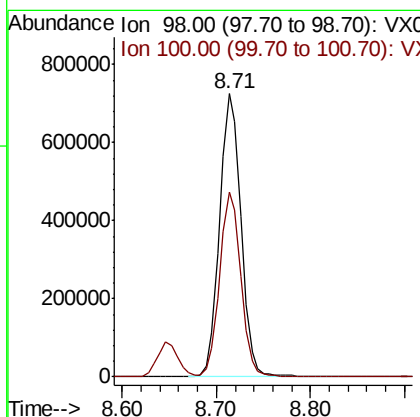
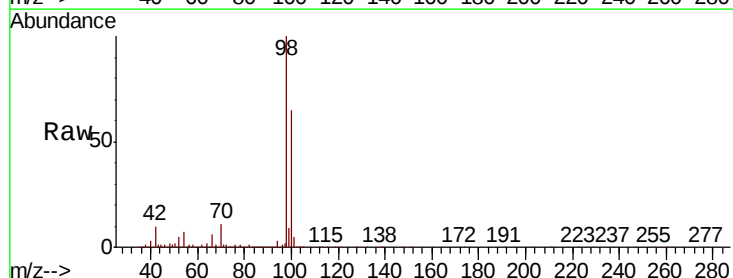
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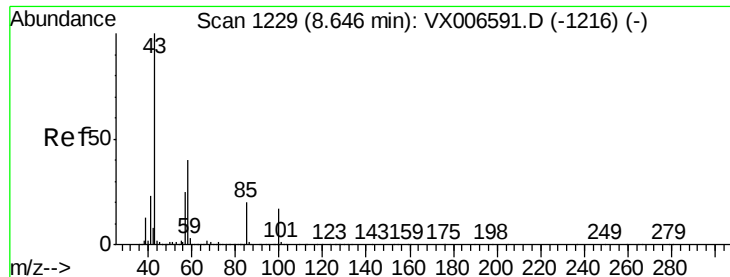
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#50
Toluene-d8
Concen: 48.926 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX006601.D
Acq: 18 Dec 2018 16:45

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.7	52.2	78.2





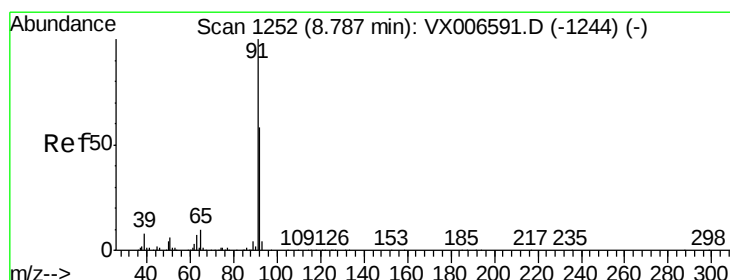
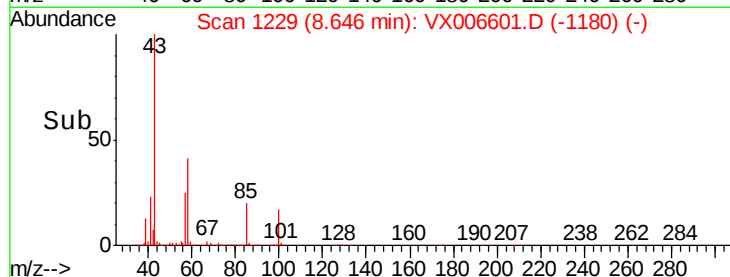
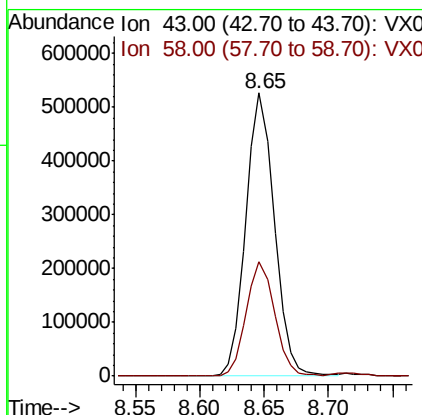
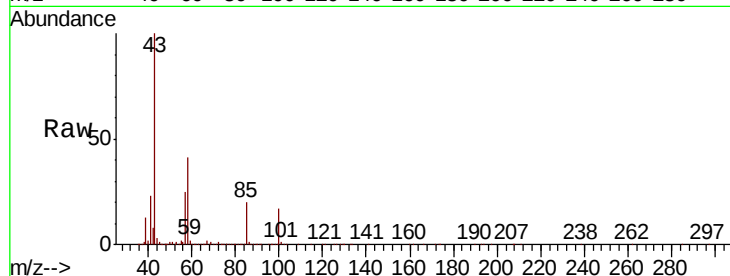
#51
4-Methyl-2-Pentanone
Concen: 98.868 ug/l
RT: 8.65 min Scan# 1229
Delta R.T. -0.00 min
Lab File: VX006601.D
Acq: 18 Dec 2018 16:45

Instrument :
MSVOA_X
ClientSampleId :
VX1218WBSD01

Tot Ion	Ratio	Lower	Upper
43	100		
58	40.3	31.3	46.9

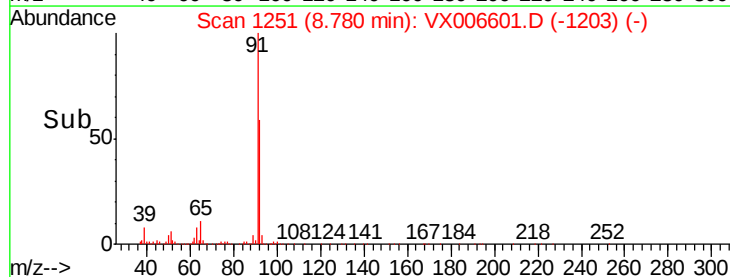
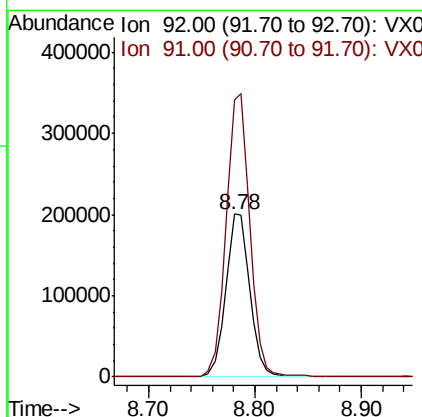
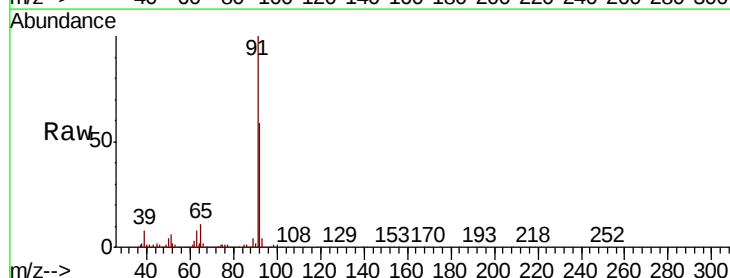
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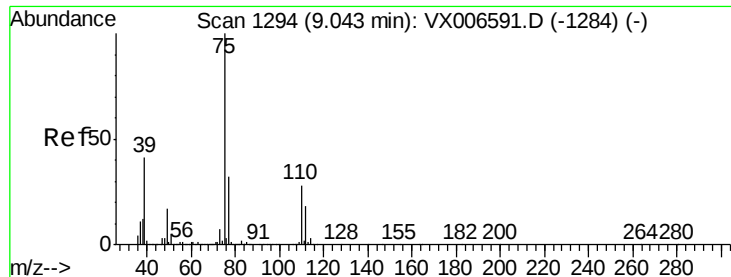
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#52
Toluene
Concen: 19.869 ug/l
RT: 8.78 min Scan# 1251
Delta R.T. -0.01 min
Lab File: VX006601.D
Acq: 18 Dec 2018 16:45

Tgt Ion	Ratio	Lower	Upper
92	100		
91	172.3	139.2	208.8





#53

t-1,3-Dichloropropene

Concen: 18.437 ug/l

RT: 9.04 min Scan# 1294

Delta R.T. -0.00 min

Lab File: VX006601.D

Acq: 18 Dec 2018 16:45

Instrument :

MSVOA_X

ClientSampleId :

VX1218WBSD01

Tot Ion: 75 Resp: 144867

Ion Ratio Lower Upper

75 100

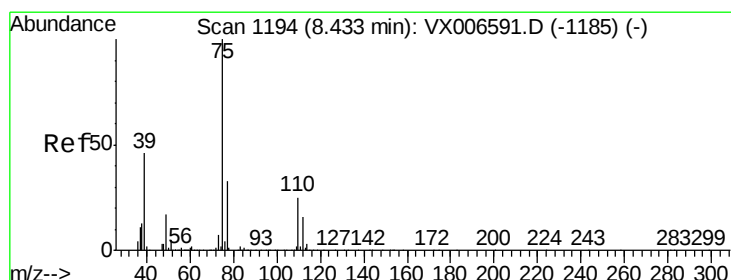
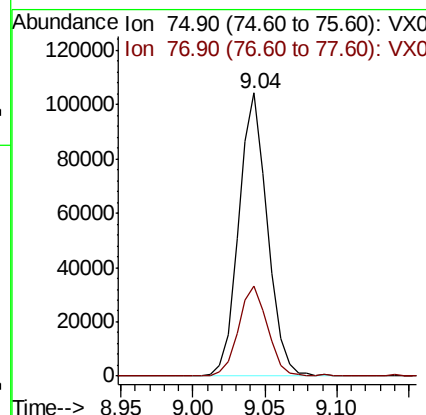
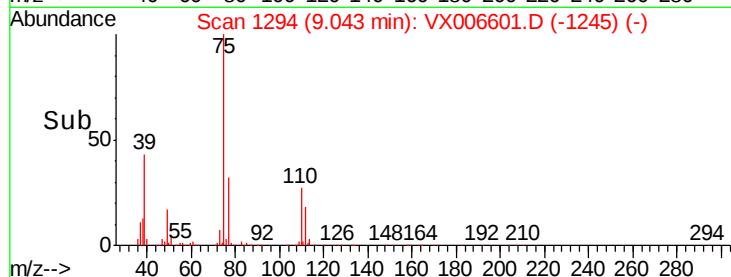
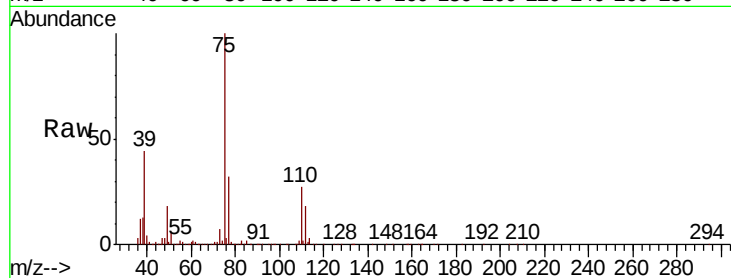
77 31.8 25.0 37.4

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#54

cis-1,3-Dichloropropene

Concen: 19.207 ug/l

RT: 8.43 min Scan# 1194

Delta R.T. -0.00 min

Lab File: VX006601.D

Acq: 18 Dec 2018 16:45

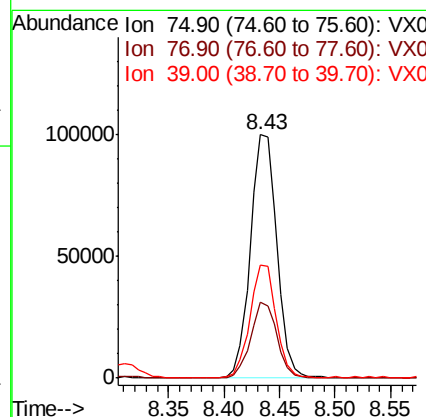
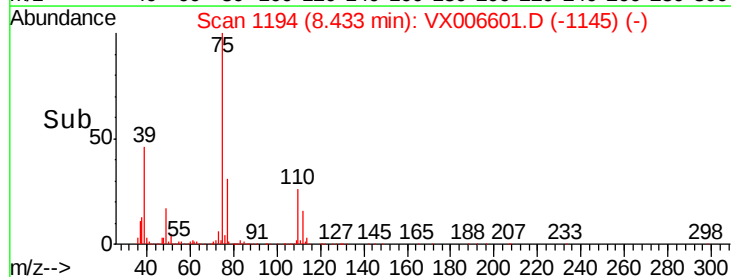
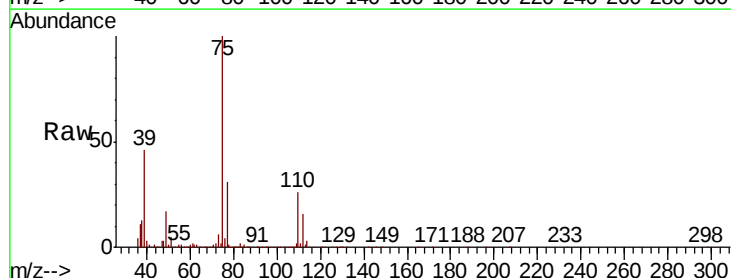
Tgt Ion: 75 Resp: 165590

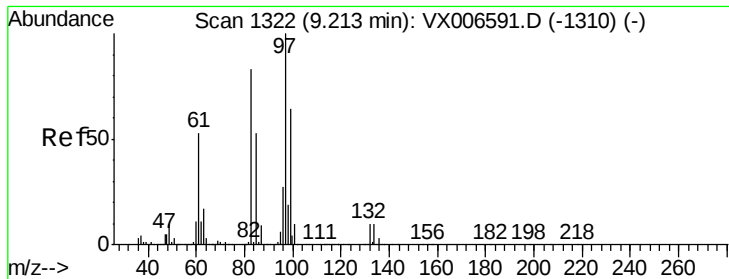
Ion Ratio Lower Upper

75 100

77 31.5 25.6 38.4

39 46.0 36.5 54.7





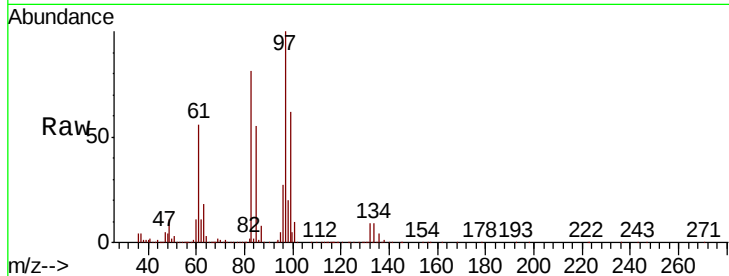
#55
 1,1,2-Trichloroethane
 Concen: 19.597 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. -0.00 min
 Lab File: VX006601.D
 Acq: 18 Dec 2018 16:45

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1218WBSD01

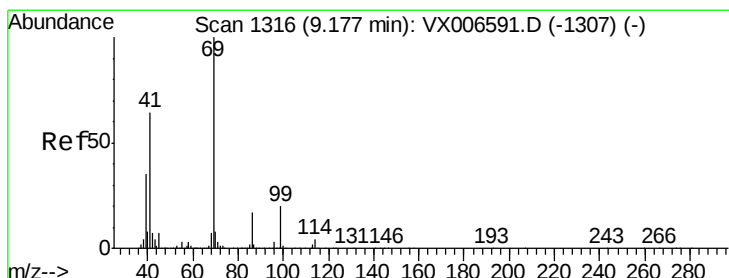
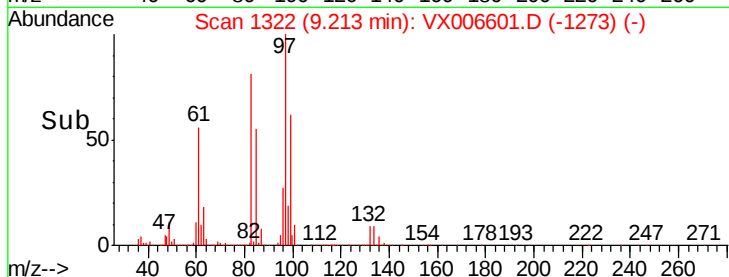
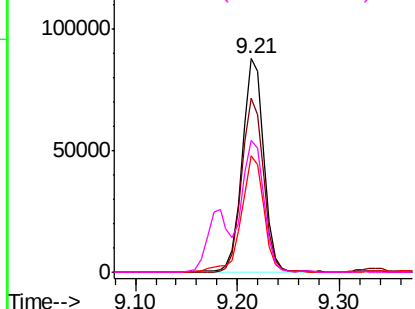
Tot Ion	Ratio	Lower	Upper
97	100		
83	81.4	67.1	100.7
85	54.9	43.2	64.8
99	61.9	49.8	74.6

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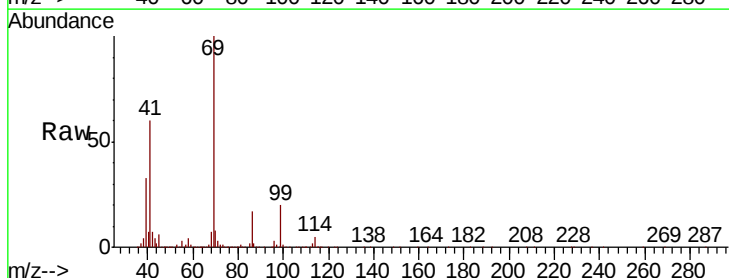


Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0

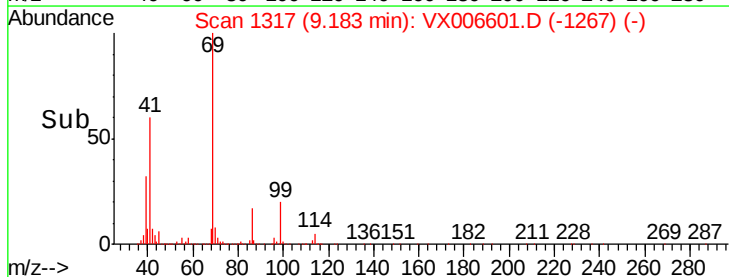
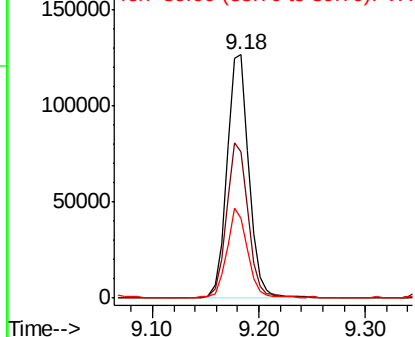


#56
 Ethyl methacrylate
 Concen: 19.890 ug/l
 RT: 9.18 min Scan# 1317
 Delta R.T. 0.01 min
 Lab File: VX006601.D
 Acq: 18 Dec 2018 16:45

Tgt Ion	Ratio	Lower	Upper
69	100		
41	62.5	50.6	76.0
39	34.3	27.6	41.4



Abundance Ion 69.00 (68.70 to 69.70): VX0
 Ion 41.00 (40.70 to 41.70): VX0
 Ion 39.00 (38.70 to 39.70): VX0





#57

1,3-Dichloropropane

Concen: 19.346 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. -0.00 min

Lab File: VX006601.D

Acq: 18 Dec 2018 16:45

Instrument :

MSVOA_X

ClientSampleId :

VX1218WBSD01

Tot Ion: 76 Resp: 202910

Ion Ratio Lower Upper

76 100

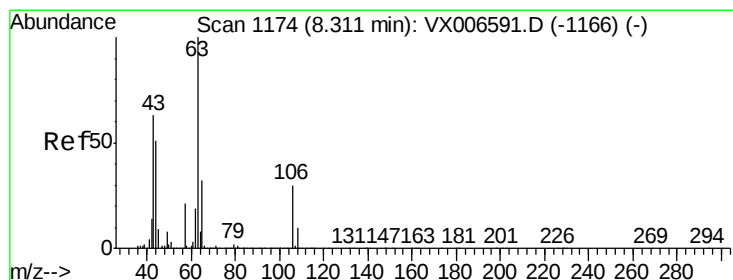
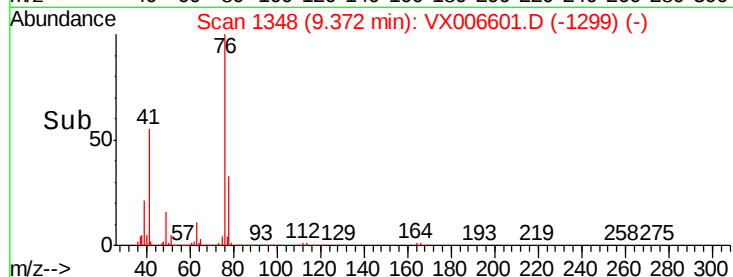
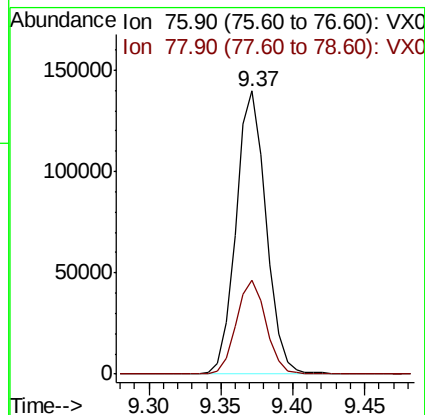
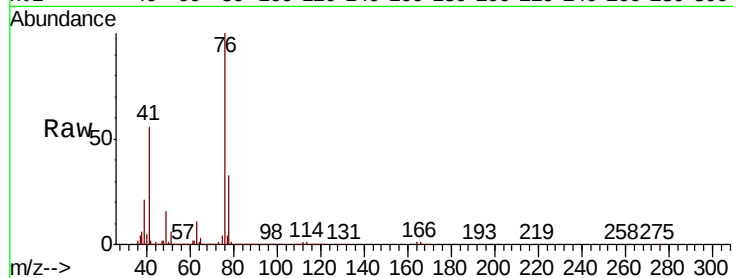
78 32.7 26.1 39.1

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#58

2-Chloroethyl Vinyl ether

Concen: 100.793 ug/l

RT: 8.31 min Scan# 1174

Delta R.T. -0.00 min

Lab File: VX006601.D

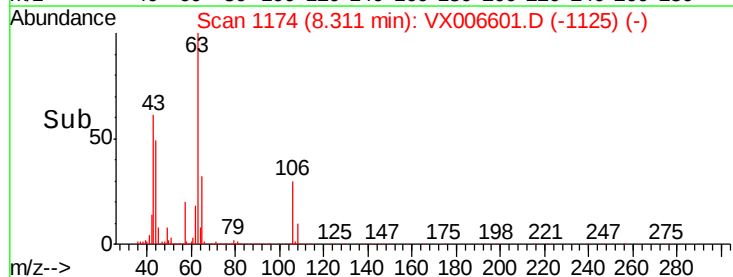
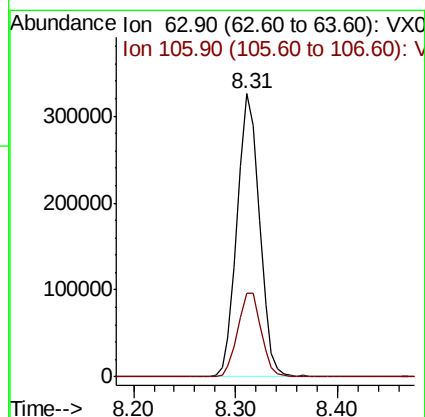
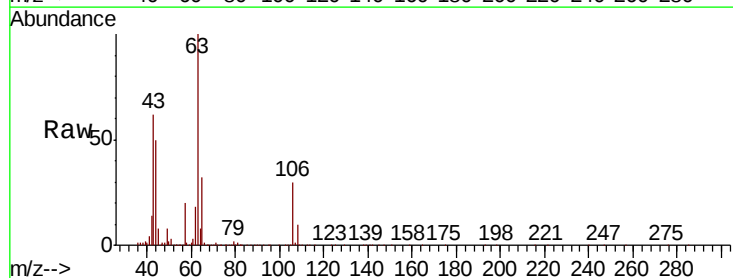
Acq: 18 Dec 2018 16:45

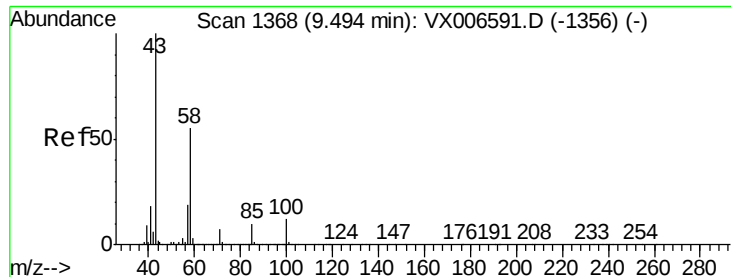
Tgt Ion: 63 Resp: 493668

Ion Ratio Lower Upper

63 100

106 31.3 24.9 37.3





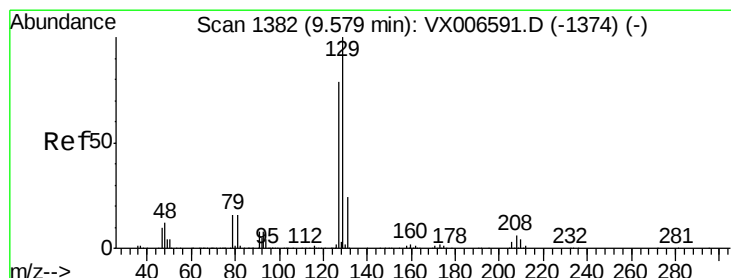
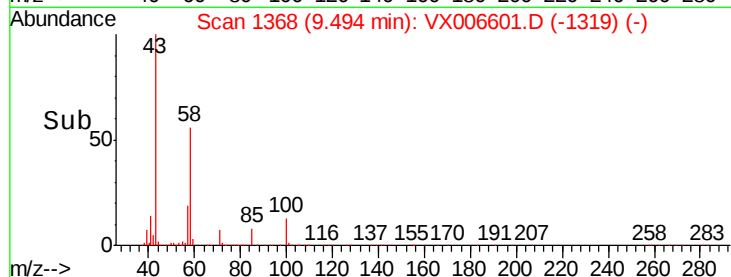
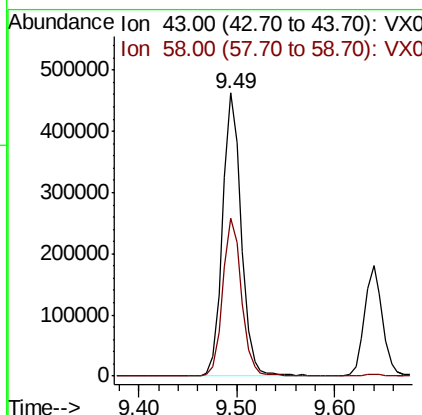
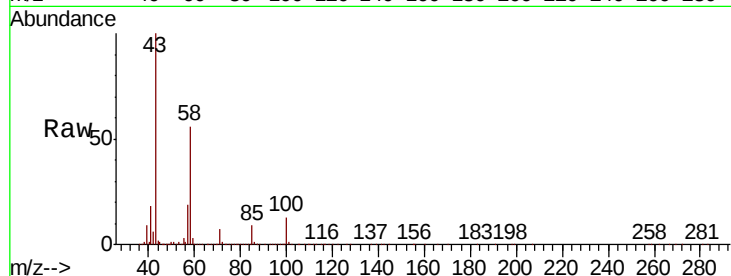
#59
2-Hexanone
Concen: 97.957 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. -0.00 min
Lab File: VX006601.D
Acq: 18 Dec 2018 16:45

Instrument :
MSVOA_X
ClientSampleId :
VX1218WBSD01

Tot Ion: 43 Resp: 612503
Ion Ratio Lower Upper
43 100
58 56.1 27.7 83.1

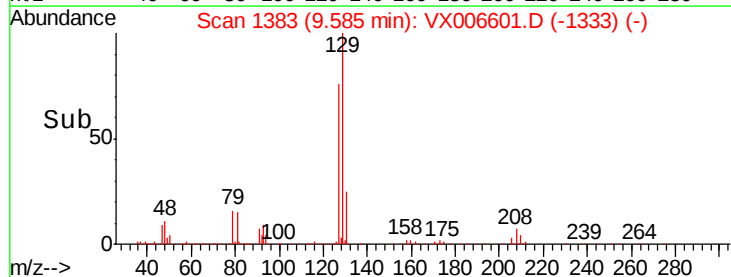
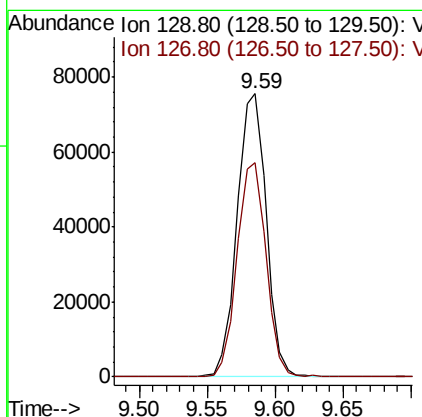
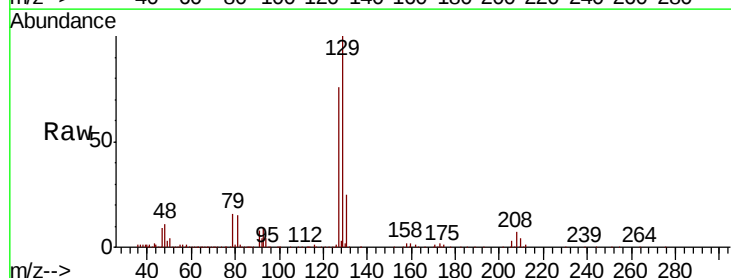
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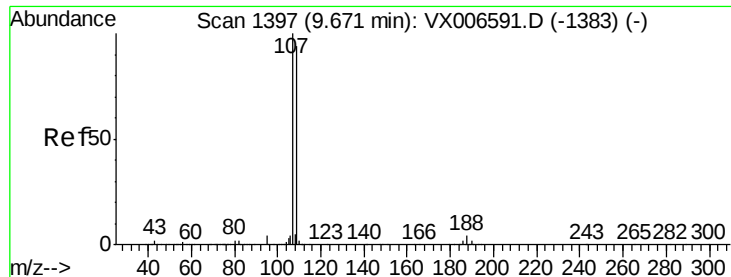
MMDadoda
12/19/2018 11:22:36 AM



#60
Dibromochloromethane
Concen: 18.141 ug/l
RT: 9.59 min Scan# 1383
Delta R.T. 0.01 min
Lab File: VX006601.D
Acq: 18 Dec 2018 16:45

Tgt Ion: 129 Resp: 113101
Ion Ratio Lower Upper
129 100
127 75.4 38.6 115.8





#61

1,2-Dibromoethane

Concen: 19.702 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX006601.D

Acq: 18 Dec 2018 16:45

Instrument :

MSVOA_X

ClientSampleId :

VX1218WBSD01

Tot Ion: 107 Resp: 136534

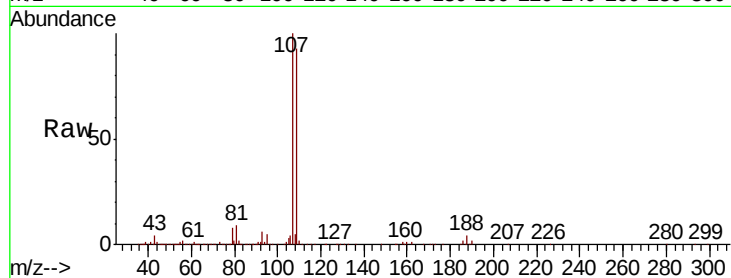
Ion Ratio Lower Upper

107 100

109 96.1 76.3 114.5

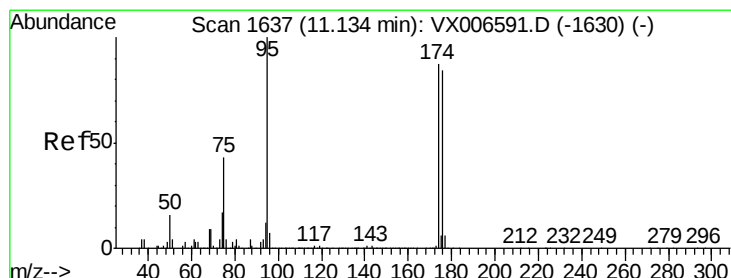
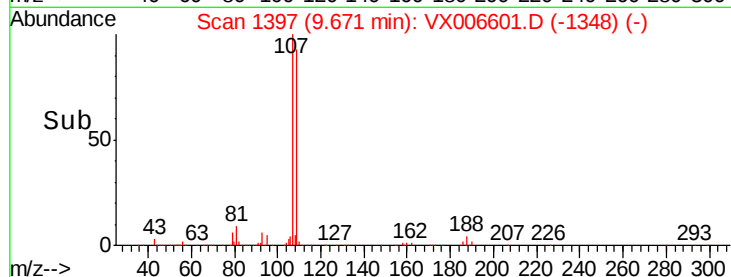
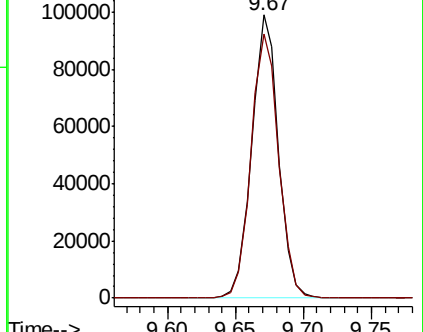
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Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 48.751 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX006601.D

Acq: 18 Dec 2018 16:45

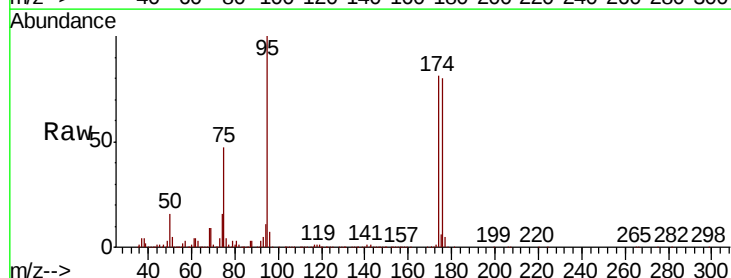
Tgt Ion: 95 Resp: 416835

Ion Ratio Lower Upper

95 100

174 89.8 0.0 187.0

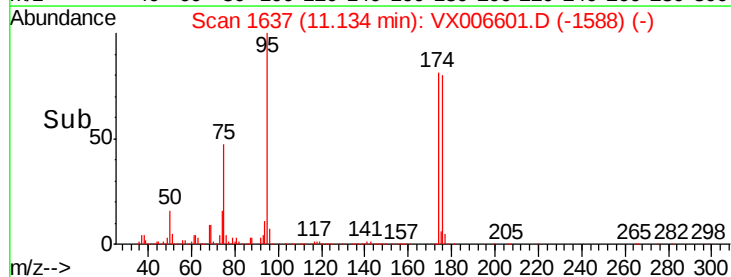
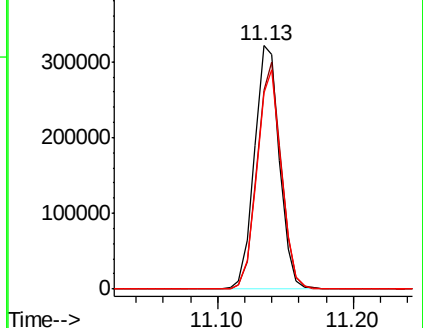
176 87.9 0.0 181.8

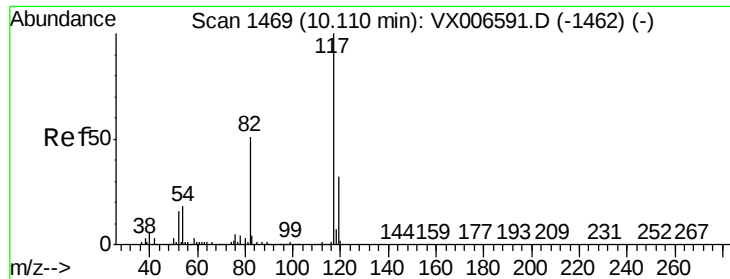


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





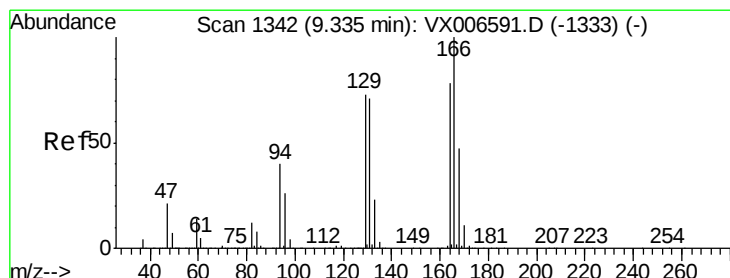
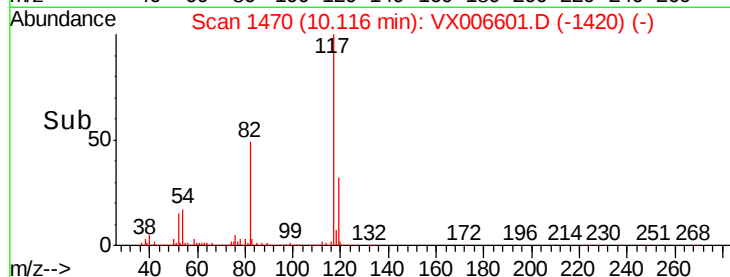
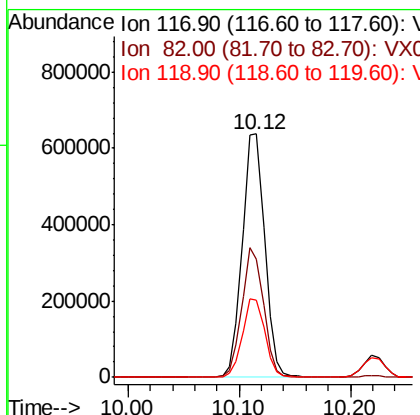
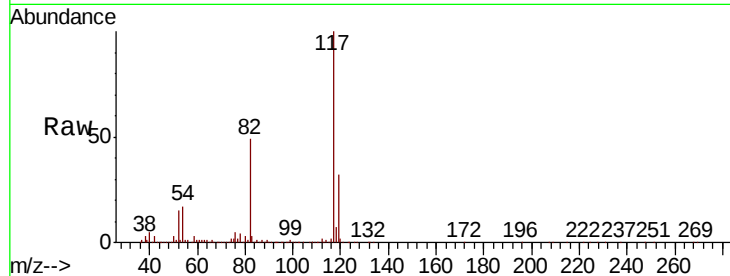
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.01 min
Lab File: VX006601.D
Acq: 18 Dec 2018 16:45

Instrument :
MSVOA_X
ClientSampleId :
VX1218WBSD01

Tot Ion	Ratio	Lower	Upper
117	100		
82	48.8	39.6	59.4
119	31.6	26.3	39.5

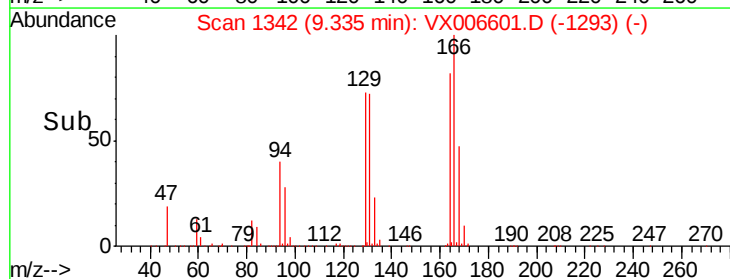
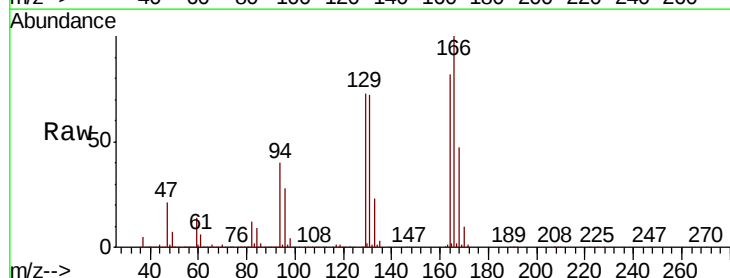
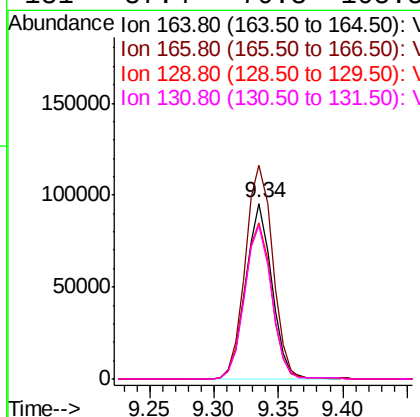
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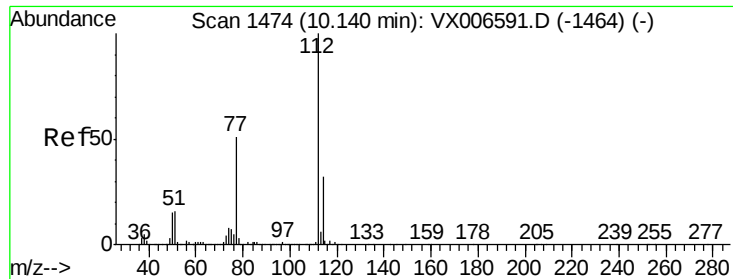
MMDadoda
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#64
Tetrachloroethene
Concen: 18.727 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX006601.D
Acq: 18 Dec 2018 16:45

Tgt Ion	Ratio	Lower	Upper
164	100		
166	121.6	104.2	156.2
129	89.2	72.6	108.8
131	87.4	70.3	105.5





#65

Chlorobenzene

Concen: 18.973 ug/l

RT: 10.14 min Scan# 1474

Delta R.T. -0.00 min

Lab File: VX006601.D

Acq: 18 Dec 2018 16:45

Instrument :

MSVOA_X

ClientSampleId :

VX1218WBSD01

Tot Ion:112 Resp: 361928

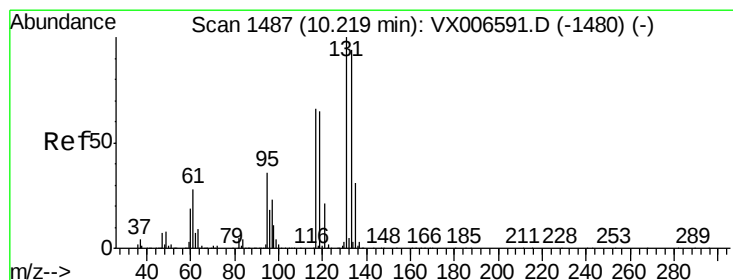
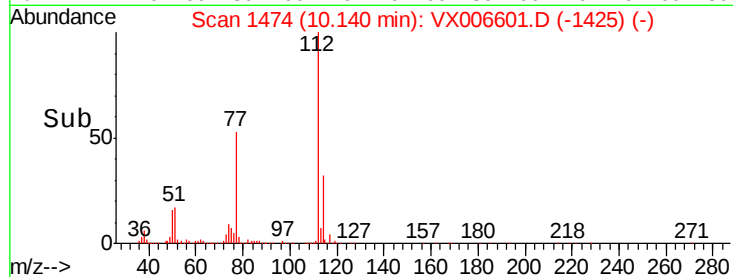
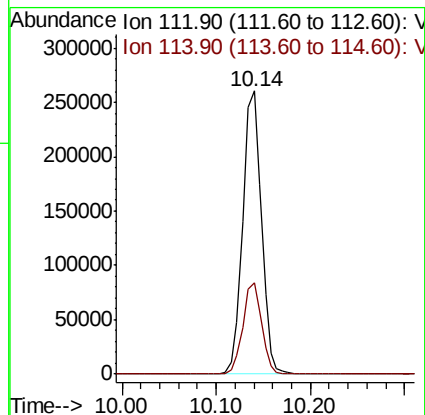
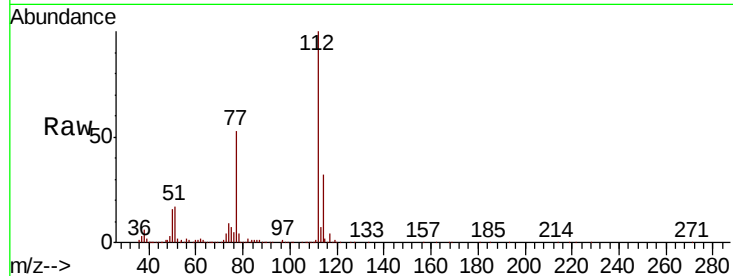
Ion Ratio Lower Upper

112 100

114 32.5 25.4 38.2

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#66

1,1,1,2-Tetrachloroethane

Concen: 19.182 ug/l

RT: 10.22 min Scan# 1487

Delta R.T. -0.00 min

Lab File: VX006601.D

Acq: 18 Dec 2018 16:45

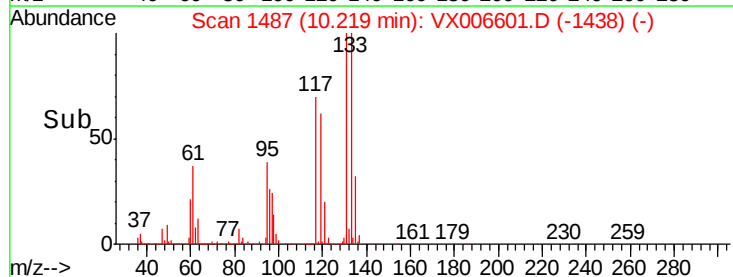
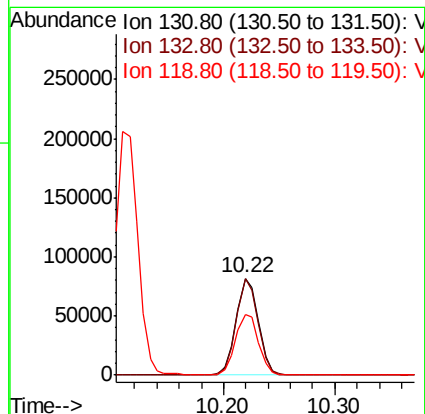
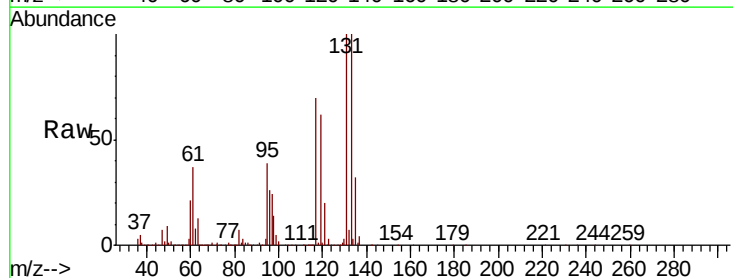
Tgt Ion:131 Resp: 114167

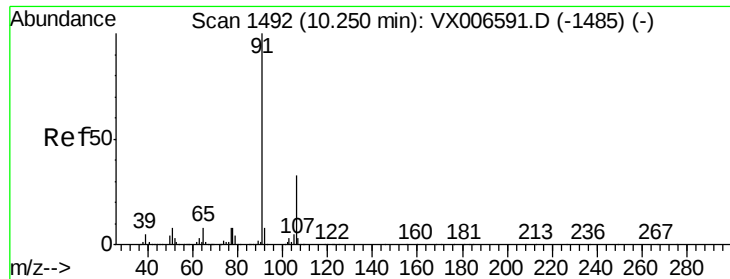
Ion Ratio Lower Upper

131 100

133 96.8 48.1 144.4

119 64.5 32.1 96.3





#67

Ethyl Benzene

Concen: 19.258 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. -0.00 min

Lab File: VX006601.D

Acq: 18 Dec 2018 16:45

Instrument :

MSVOA_X

ClientSampleId :

VX1218WBSD01

Tot Ion: 91 Resp: 600319

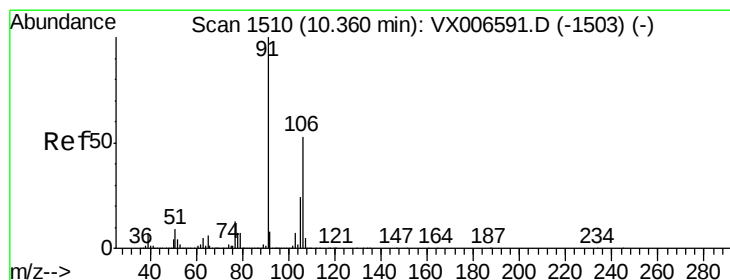
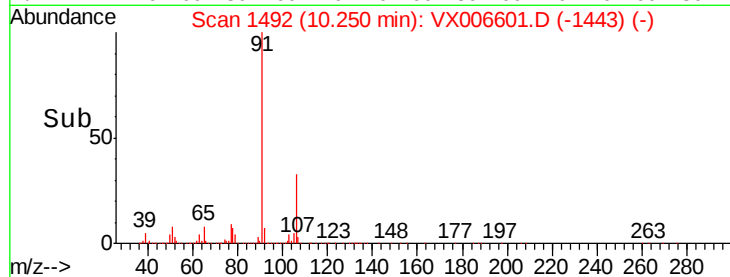
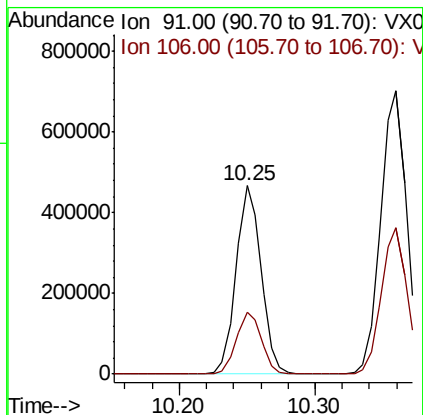
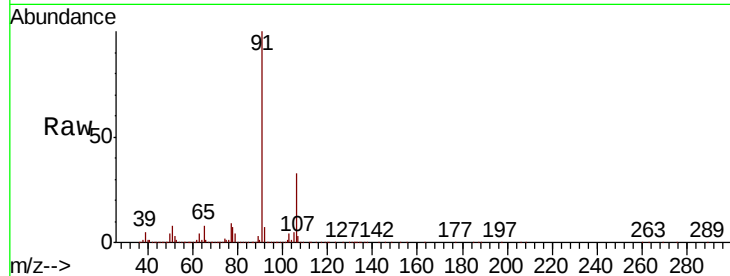
Ion Ratio Lower Upper

91 100

106 33.0 26.5 39.7

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#68

m/p-Xylenes

Concen: 38.817 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. -0.00 min

Lab File: VX006601.D

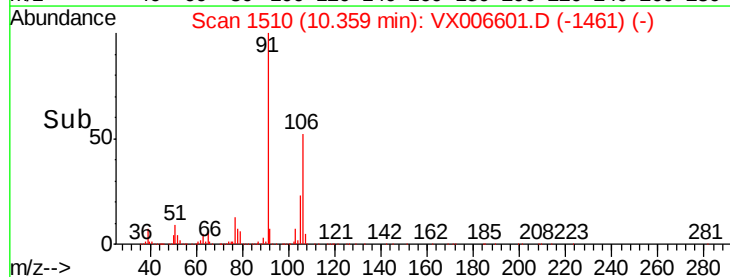
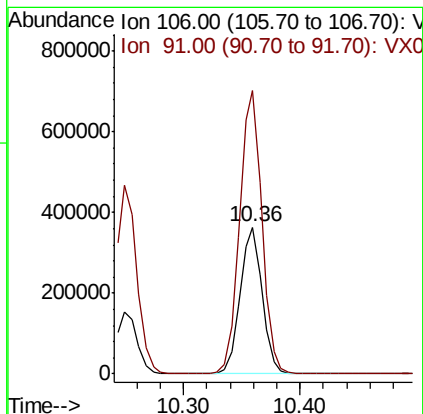
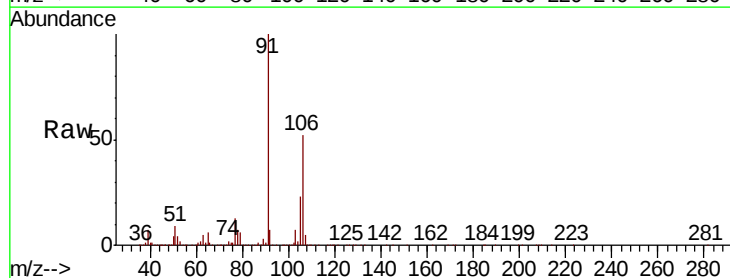
Acq: 18 Dec 2018 16:45

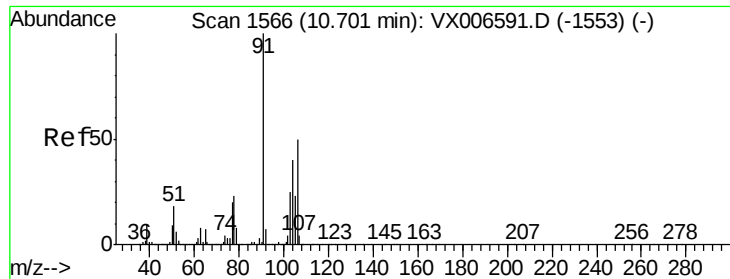
Tgt Ion: 106 Resp: 477462

Ion Ratio Lower Upper

106 100

91 195.7 155.2 232.8





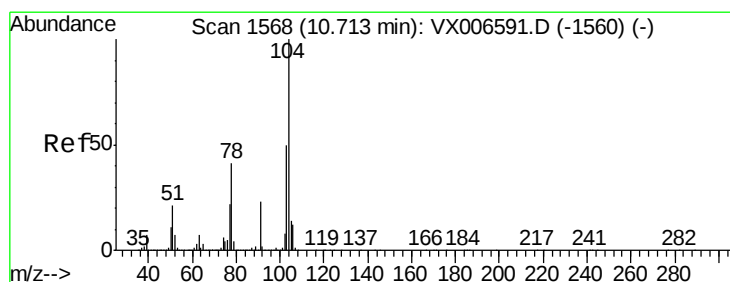
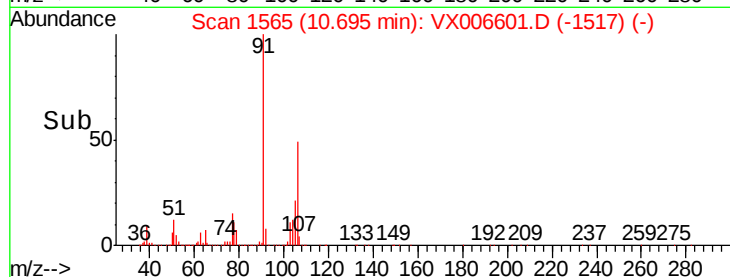
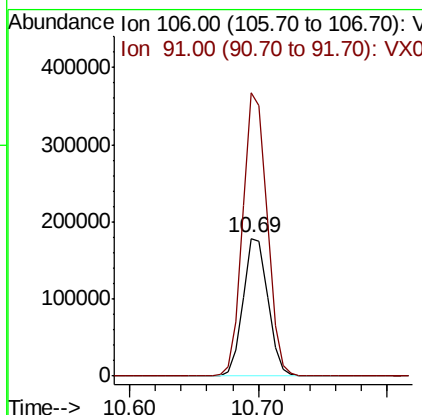
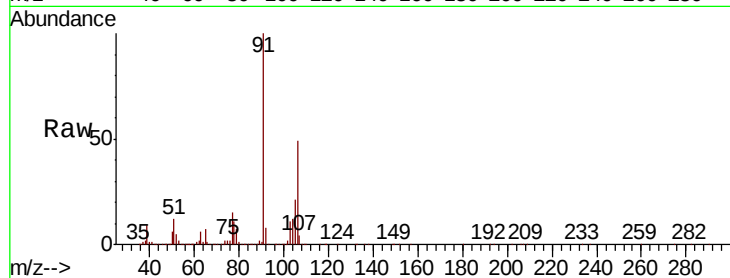
#69
o-Xylene
Concen: 19.483 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.01 min
Lab File: VX006601.D
Acq: 18 Dec 2018 16:45

Instrument :
MSVOA_X
ClientSampleId :
VX1218WBSD01

Tot Ion	Ratio	Lower	Upper
106	100		
91	202.4	101.8	305.6

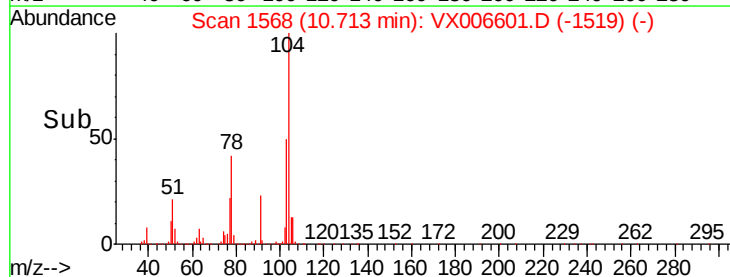
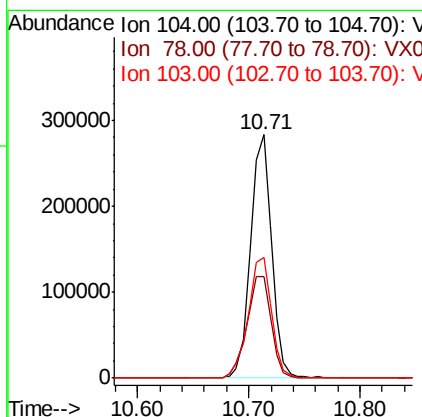
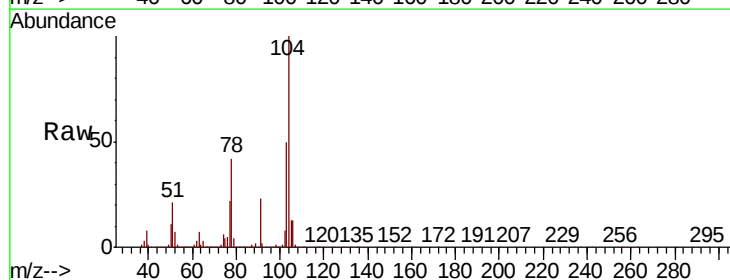
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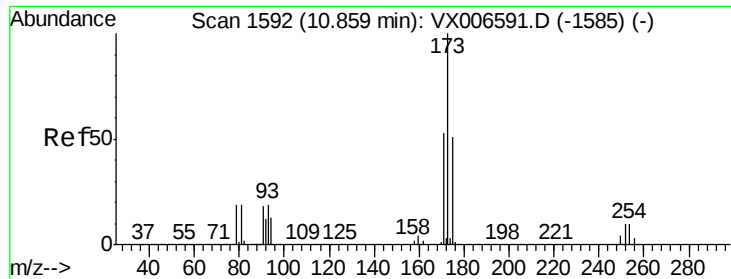
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#70
Styrene
Concen: 19.399 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX006601.D
Acq: 18 Dec 2018 16:45

Tgt Ion	Ratio	Lower	Upper
104	100		
78	48.4	37.2	55.8
103	55.0	43.5	65.3





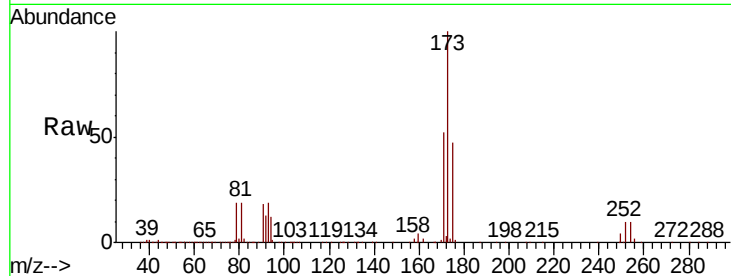
#71
Bromoform
Concen: 17.797 ug/l
RT: 10.86 min Scan# 1592
Delta R.T. 0.00 min
Lab File: VX006601.D
Acq: 18 Dec 2018 16:45

Instrument :
MSVOA_X
ClientSampleId :
VX1218WBSD01

Tot Ion	Ratio	Lower	Upper
173	100		
175	48.0	24.6	73.8
254	0.0	0.2	0.2

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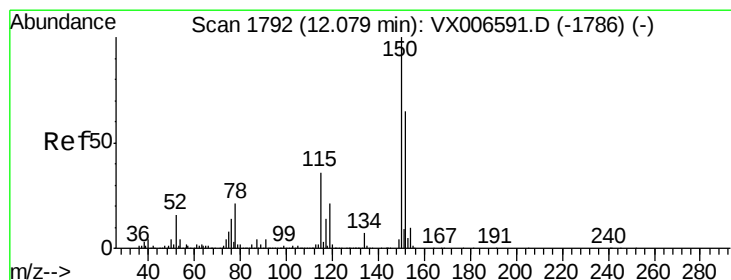
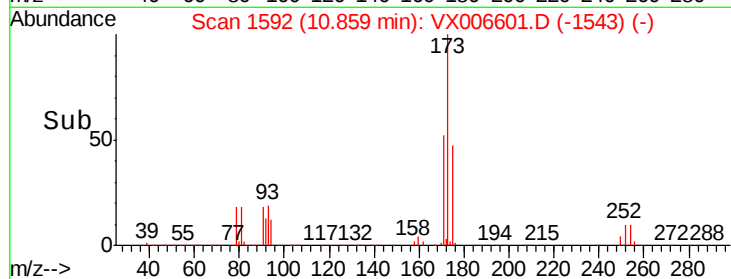
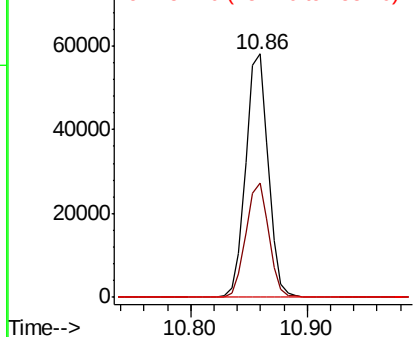


Abundance

Ion 172.70 (172.40 to 173.40): V

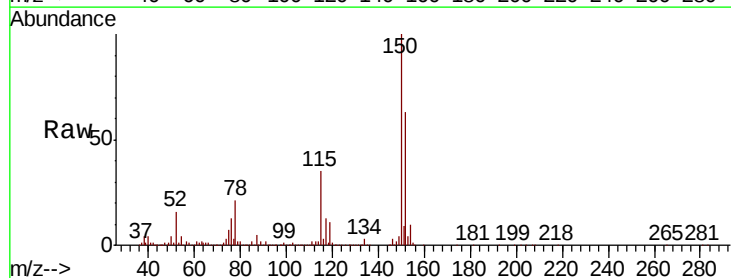
Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX006601.D
Acq: 18 Dec 2018 16:45

Tgt Ion	Ratio	Lower	Upper
152	100		
115	65.3	39.0	116.9
150	163.8	0.0	345.8

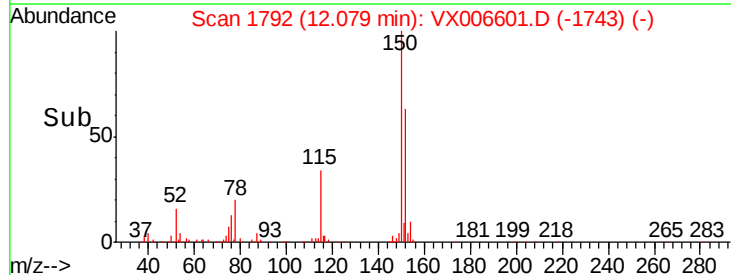
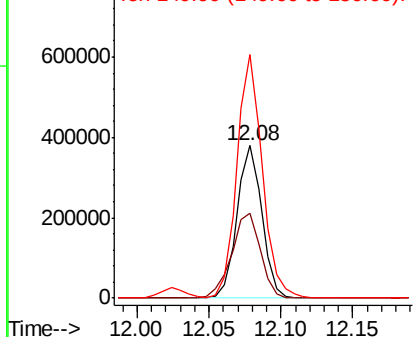


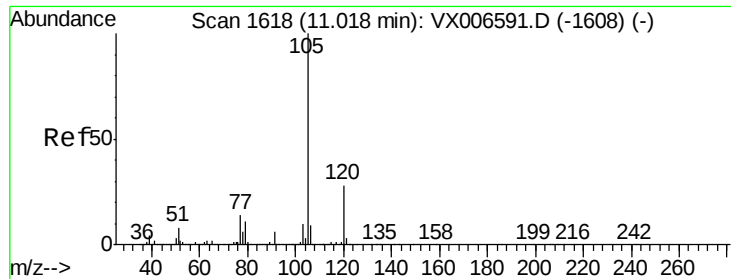
Abundance

Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 20.073 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX006601.D

Acq: 18 Dec 2018 16:45

Instrument :

MSVOA_X

ClientSampleId :

VX1218WBSD01

Tot Ion:105 Resp: 624672

Ion Ratio Lower Upper

105 100

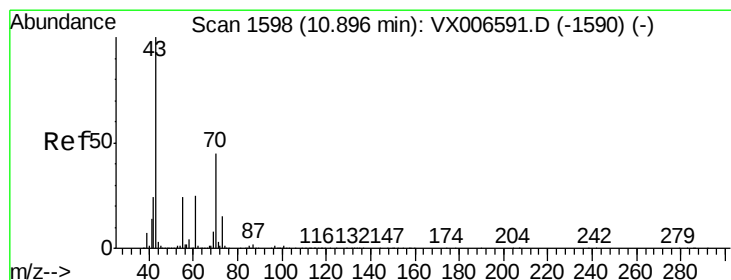
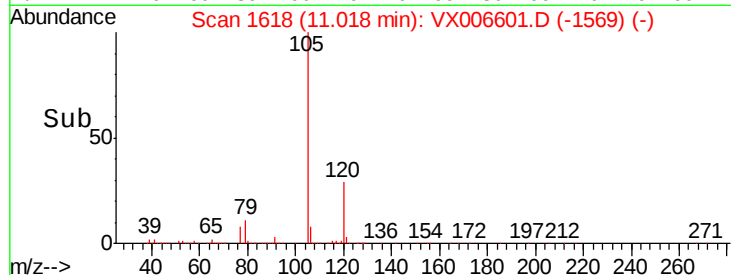
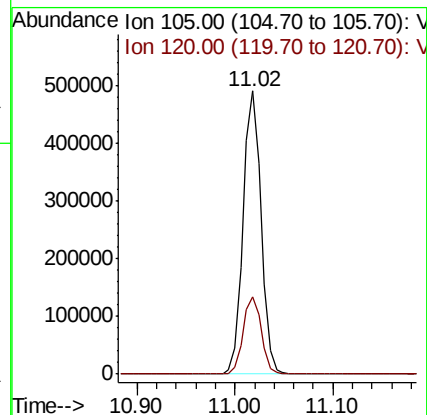
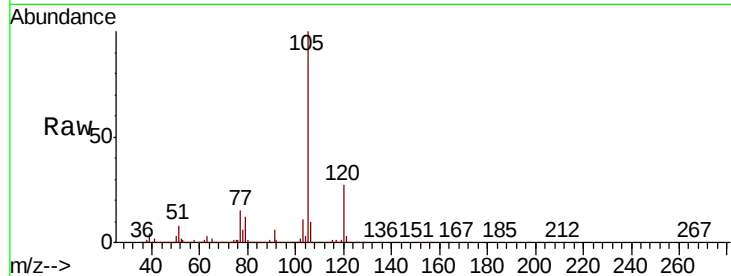
120 27.6 14.1 42.3

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#74

N-ethyl acetate

Concen: 19.595 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.00 min

Lab File: VX006601.D

Acq: 18 Dec 2018 16:45

Tgt Ion: 43 Resp: 218269

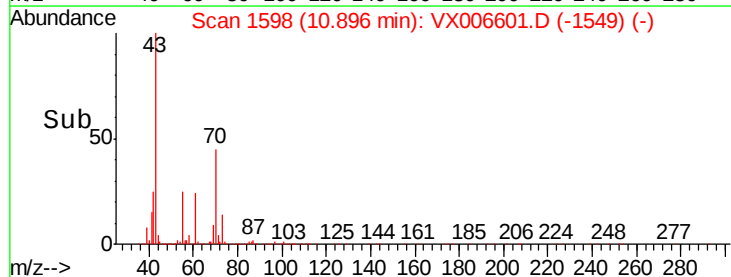
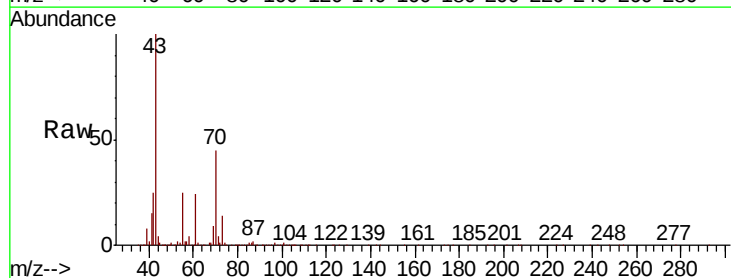
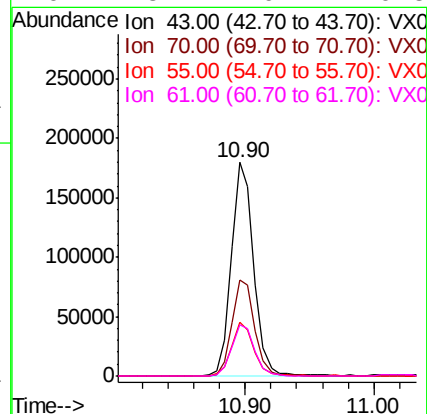
Ion Ratio Lower Upper

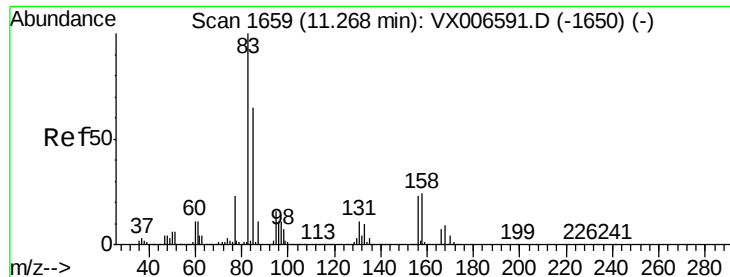
43 100

70 45.8 34.1 51.1

55 25.4 17.8 26.8

61 25.2 19.7 29.5





#75

1,1,2,2-Tetrachloroethane

Concen: 20.397 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX006601.D

Acq: 18 Dec 2018 16:45

Instrument :

MSVOA_X

ClientSampleId :

VX1218WBSD01

Tot Ion: 83 Resp: 188778

Ion Ratio Lower Upper

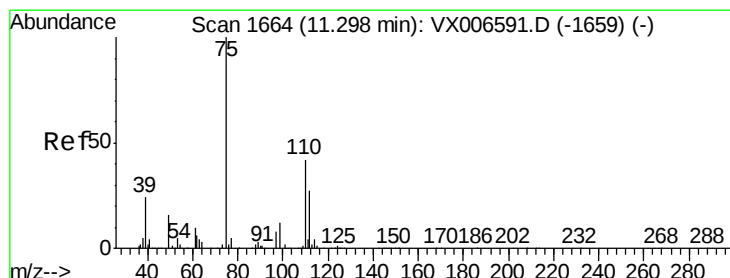
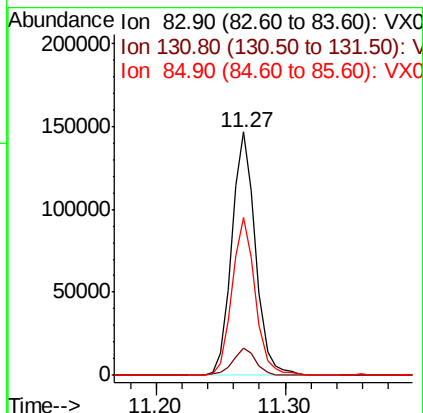
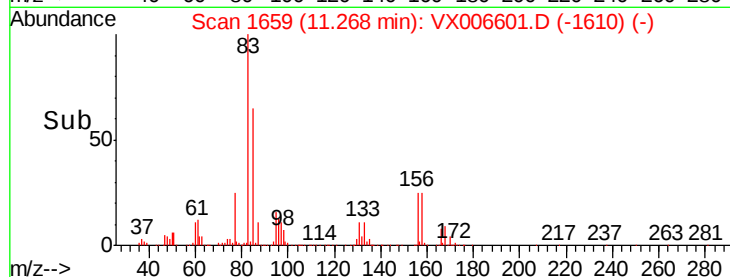
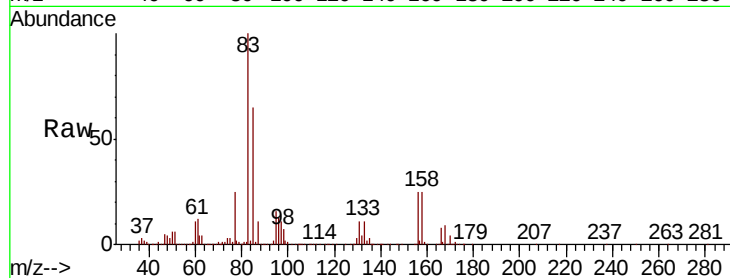
83 100

131 11.1 5.7 17.1

85 63.5 32.1 96.5

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#76

1,2,3-Trichloropropane

Concen: 21.287 ug/l m

RT: 11.30 min Scan# 1664

Delta R.T. -0.00 min

Lab File: VX006601.D

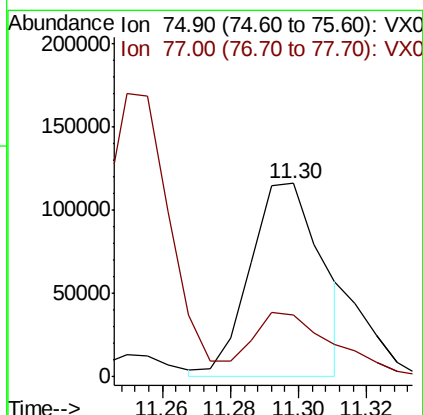
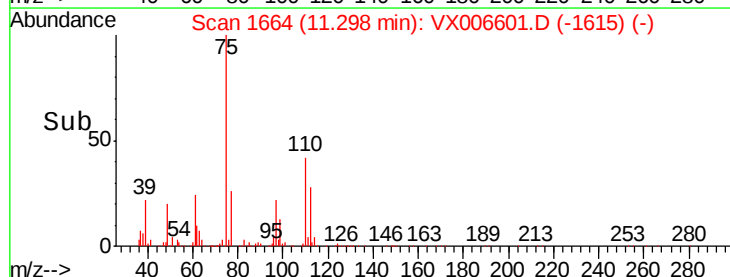
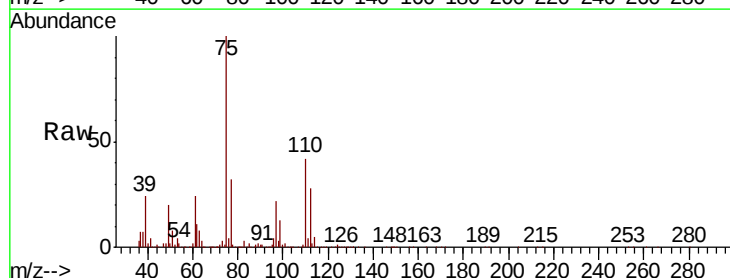
Acq: 18 Dec 2018 16:45

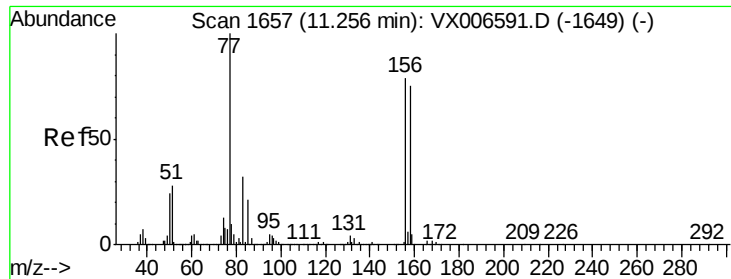
Tgt Ion: 75 Resp: 169714

Ion Ratio Lower Upper

75 100

77 36.9 19.9 59.7





#77

Bromobenzene

Concen: 20.039 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX006601.D

Acq: 18 Dec 2018 16:45

Instrument :

MSVOA_X

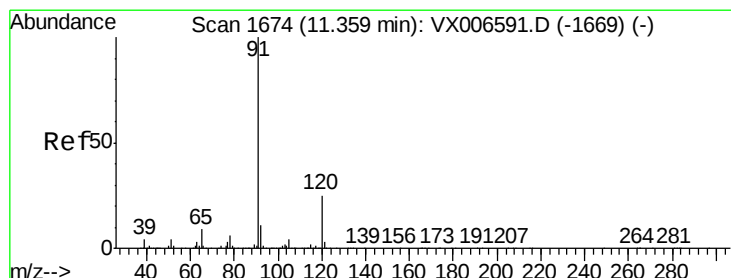
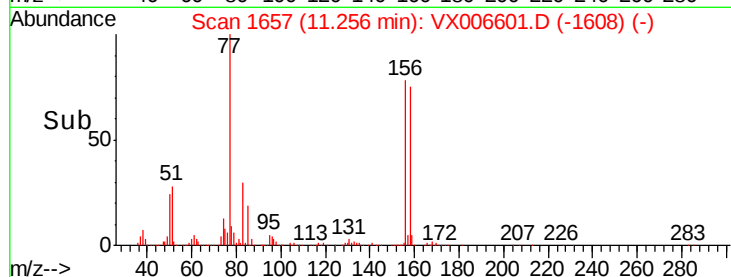
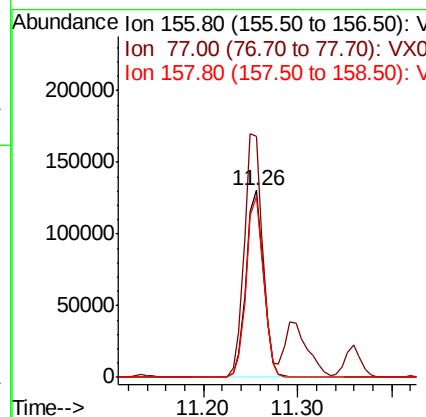
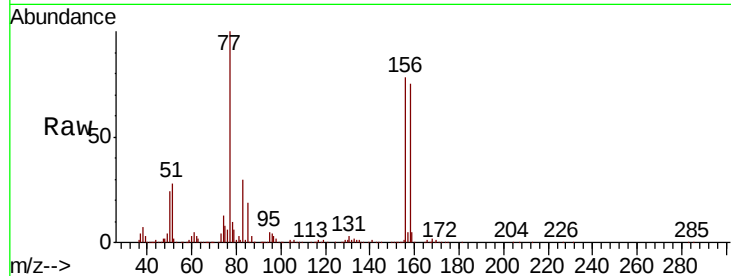
ClientSampleId :

VX1218WBSD01

Tot Ion:	156	Resp:	168598
Ion Ratio	Lower	Upper	
156	100		
77	136.9	66.2	198.6
158	96.7	48.8	146.4

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#78

n-propylbenzene

Concen: 19.985 ug/l

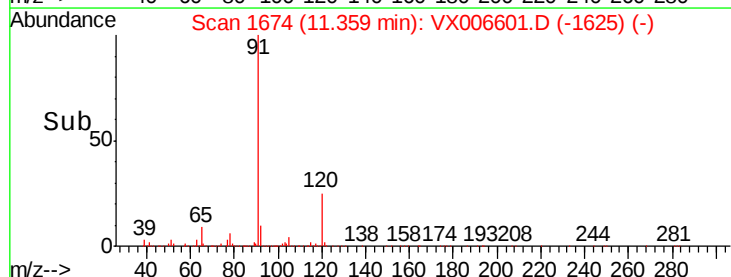
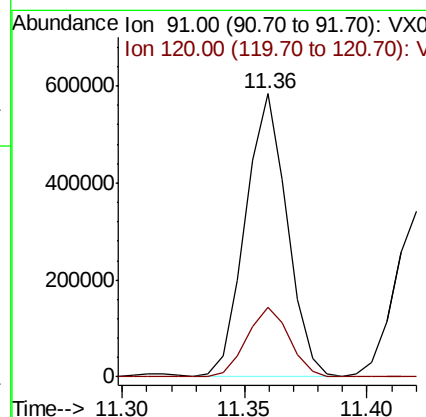
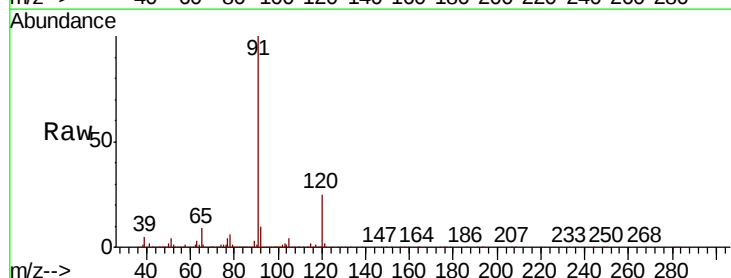
RT: 11.36 min Scan# 1674

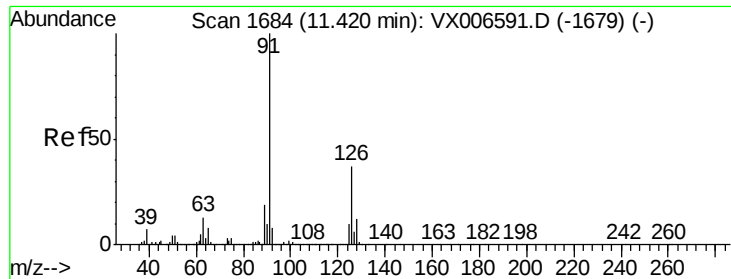
Delta R.T. -0.00 min

Lab File: VX006601.D

Acq: 18 Dec 2018 16:45

Tgt Ion:	91	Resp:	684866
Ion Ratio	Lower	Upper	
91	100		
120	25.5	12.7	38.0





#79

2-Chlorotoluene

Concen: 19.883 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. -0.00 min

Lab File: VX006601.D

Acq: 18 Dec 2018 16:45

Instrument :

MSVOA_X

ClientSampleId :

VX1218WBSD01

Tot Ion: 91 Resp: 412918

Ion Ratio Lower Upper

91 100

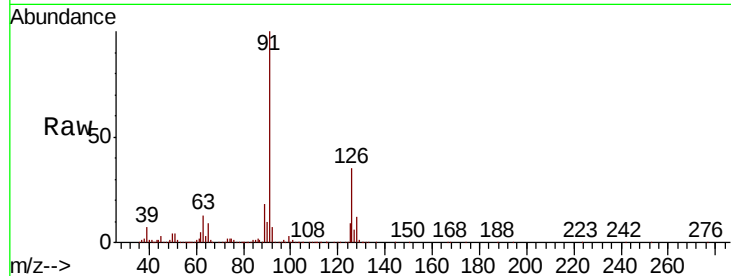
126 36.7 18.6 56.0

Manual Integrations

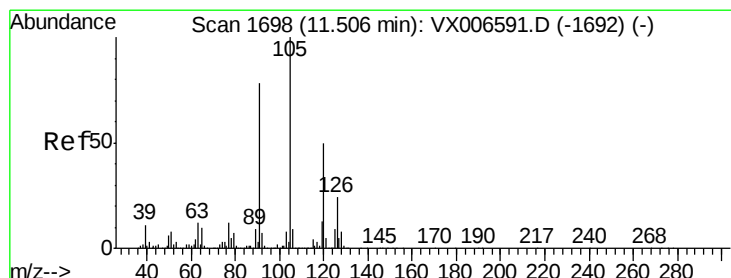
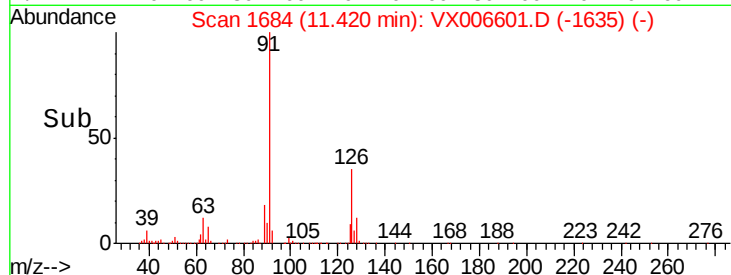
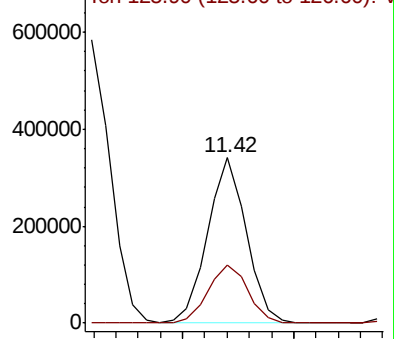
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Abundance Ion 91.00 (90.70 to 91.70): VX006591.D (-1679) (-)



#80

1,3,5-Trimethylbenzene

Concen: 20.056 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX006601.D

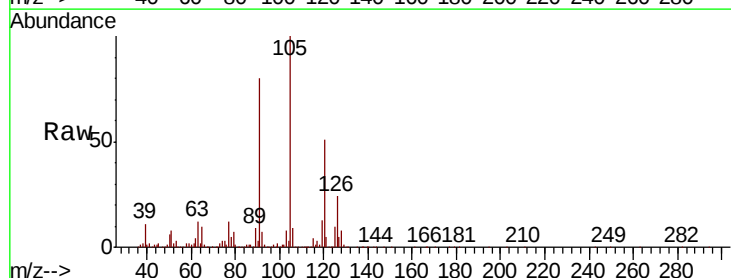
Acq: 18 Dec 2018 16:45

Tgt Ion: 105 Resp: 514084

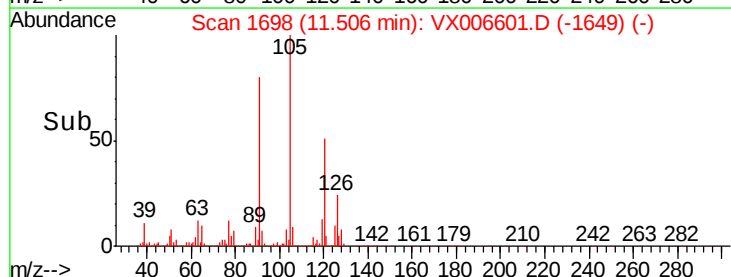
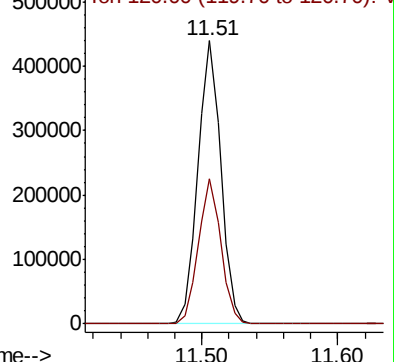
Ion Ratio Lower Upper

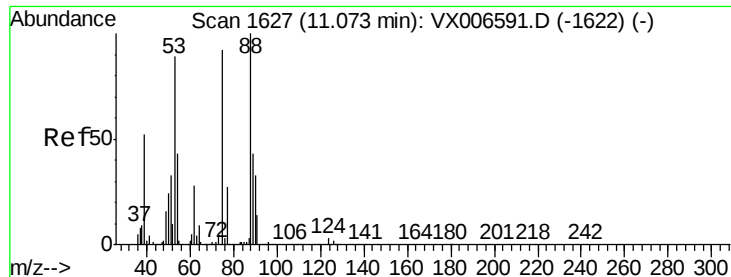
105 100

120 50.4 25.4 76.0



Abundance Ion 105.00 (104.70 to 105.70): VX006591.D (-1692) (-)





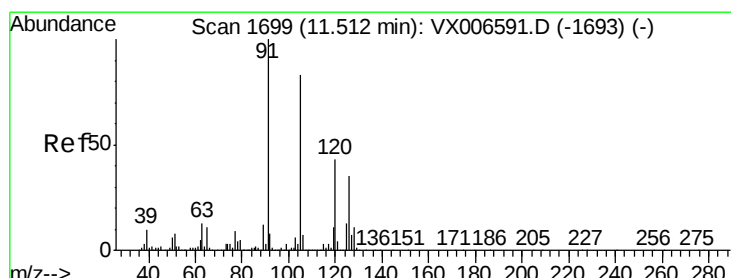
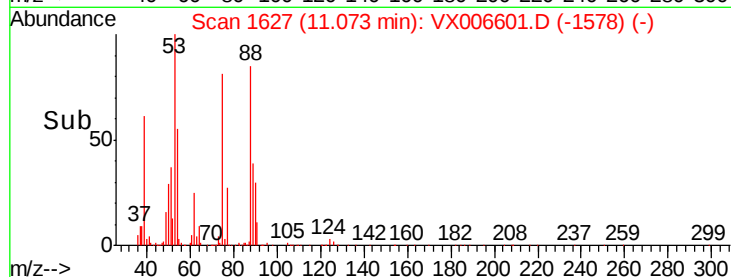
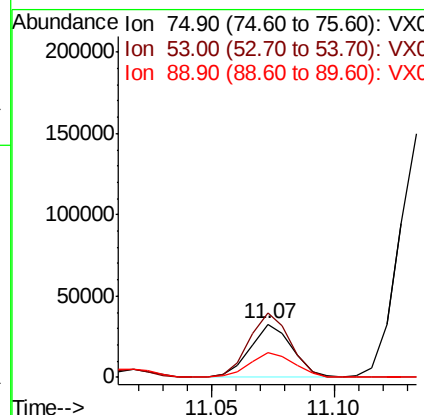
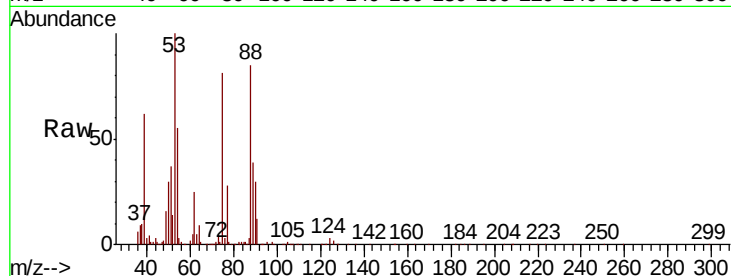
#81
trans-1,4-Dichloro-2-butene
Concen: 16.802 ug/l
RT: 11.07 min Scan# 1627
Delta R.T. 0.00 min
Lab File: VX006601.D
Acq: 18 Dec 2018 16:45

Instrument :
MSVOA_X
ClientSampleId :
VX1218WBSD01

Tot Ion	Ratio	Lower	Upper
75	100		
53	122.1	64.4	96.6#
89	49.7	44.2	66.4

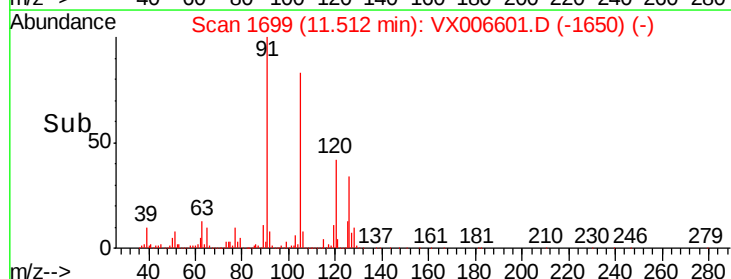
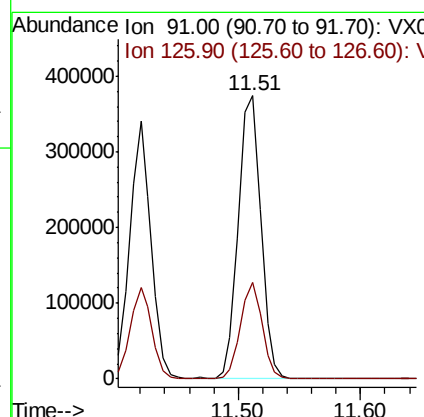
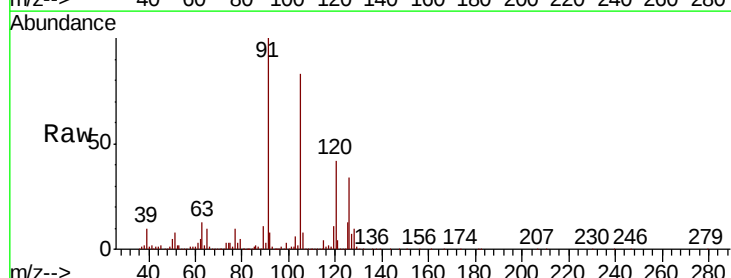
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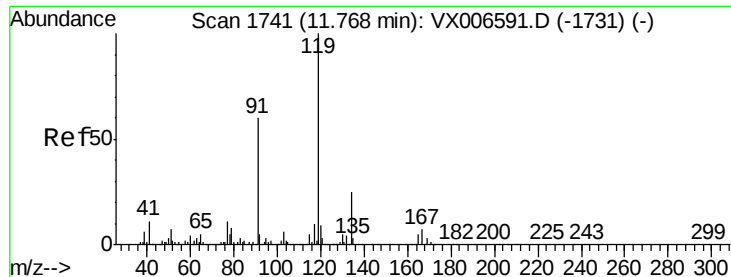
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#82
4-Chlorotoluene
Concen: 19.952 ug/l
RT: 11.51 min Scan# 1699
Delta R.T. -0.00 min
Lab File: VX006601.D
Acq: 18 Dec 2018 16:45

Tgt Ion	Ratio	Lower	Upper
91	100		
126	32.8	16.4	49.4





#83

tert-Butylbenzene

Concen: 20.467 ug/l

RT: 11.77 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VX006601.D

Acq: 18 Dec 2018 16:45

Instrument :

MSVOA_X

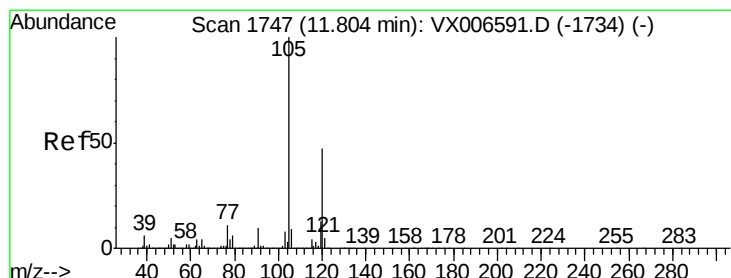
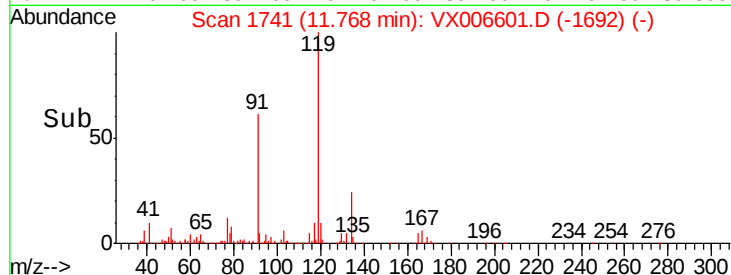
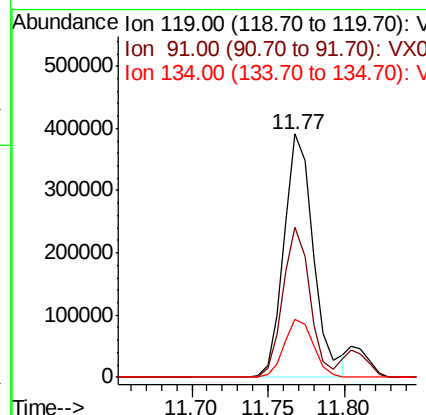
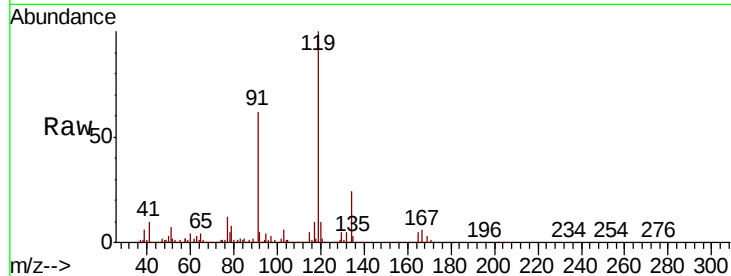
ClientSampleID :

VX1218WBSD01

Tot Ion:	119	Resp:	525056
Ion Ratio	Lower	Upper	
119	100		
91	56.5	26.4	79.2
134	23.7	11.6	34.7

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#84

1,2,4-Trimethylbenzene

Concen: 19.533 ug/l

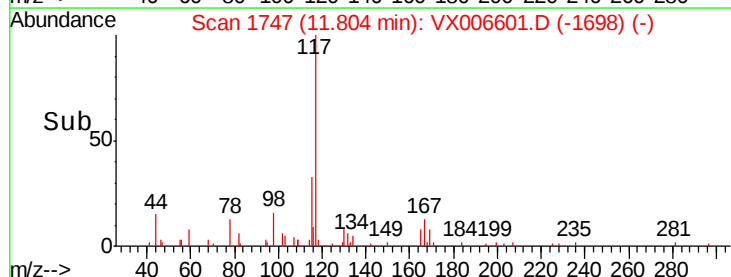
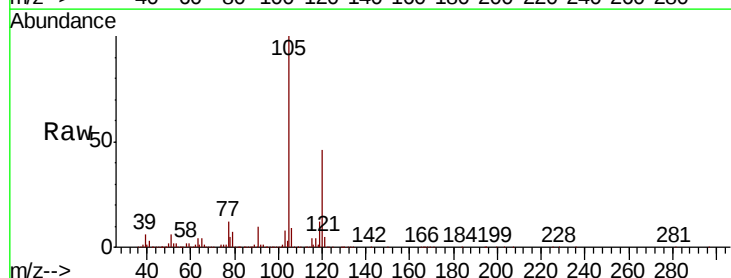
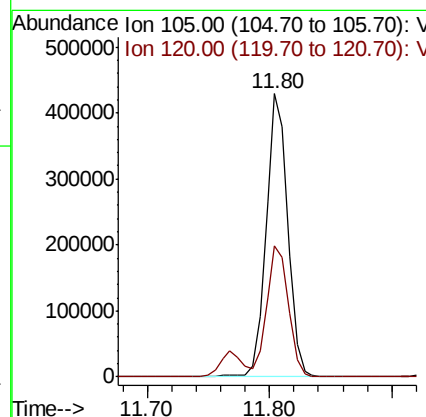
RT: 11.80 min Scan# 1747

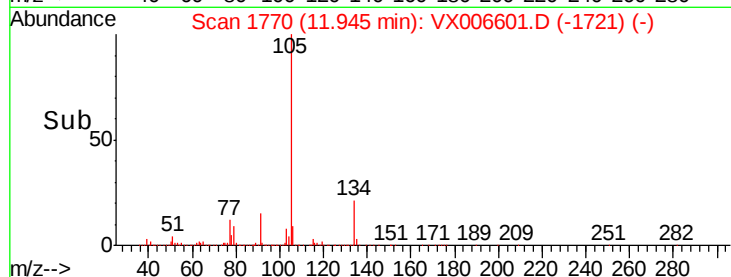
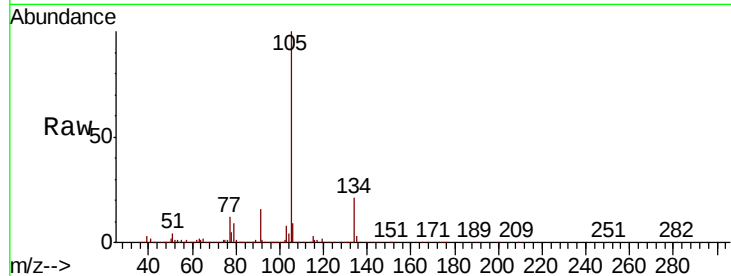
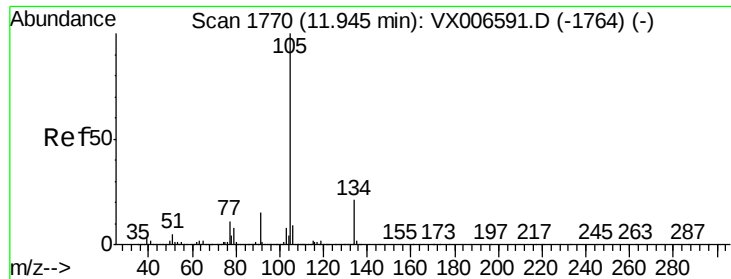
Delta R.T. -0.00 min

Lab File: VX006601.D

Acq: 18 Dec 2018 16:45

Tgt Ion:	105	Resp:	526630
Ion Ratio	Lower	Upper	
105	100		
120	46.4	23.4	70.0





#85

sec-Butylbenzene

Concen: 19.747 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX006601.D

Acq: 18 Dec 2018 16:45

Tot Ion:105 Resp: 621125

Ion Ratio Lower Upper

105 100

134 21.6 10.8 32.4

Instrument :

MSVOA_X

ClientSampleId :

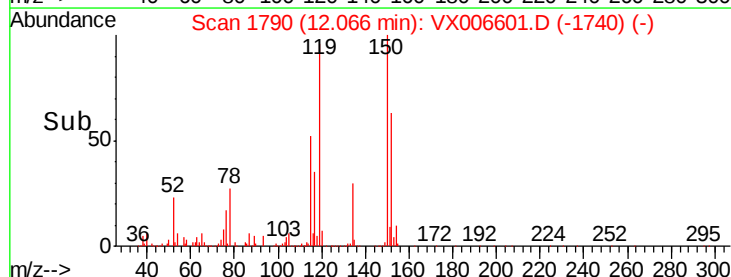
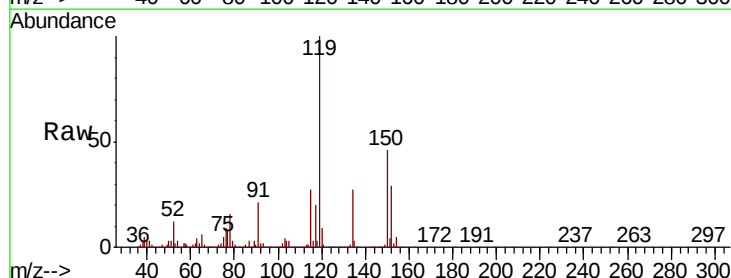
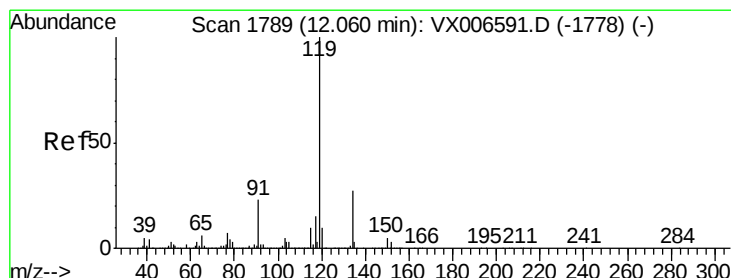
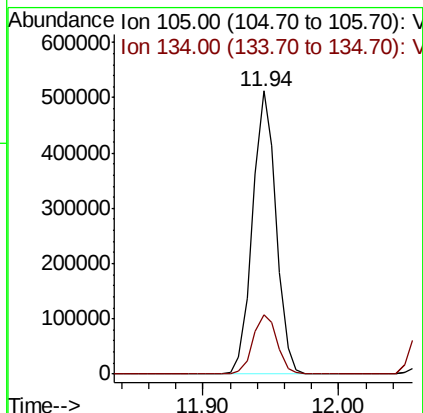
VX1218WBSD01

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#86

p-Isopropyltoluene

Concen: 20.169 ug/l

RT: 12.07 min Scan# 1790

Delta R.T. 0.01 min

Lab File: VX006601.D

Acq: 18 Dec 2018 16:45

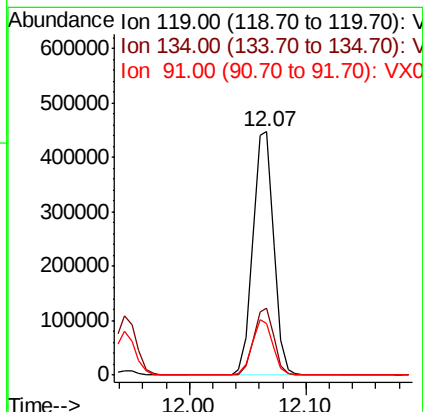
Tgt Ion:119 Resp: 557643

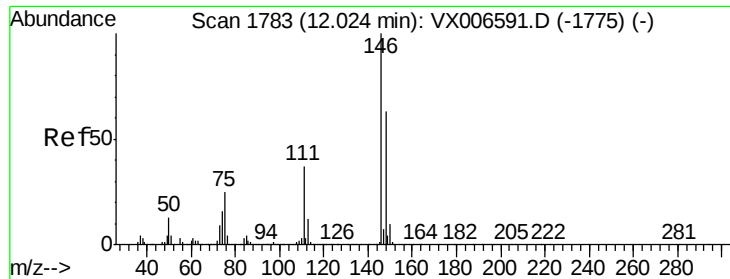
Ion Ratio Lower Upper

119 100

134 27.1 13.9 41.6

91 22.6 11.3 33.8





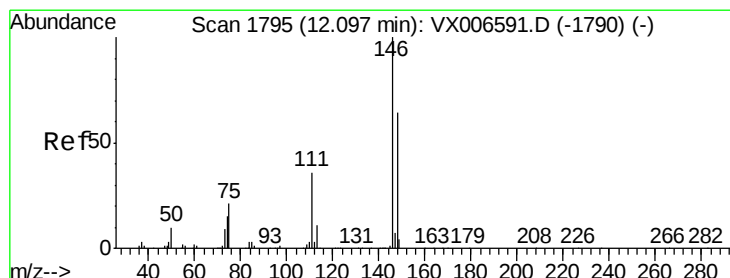
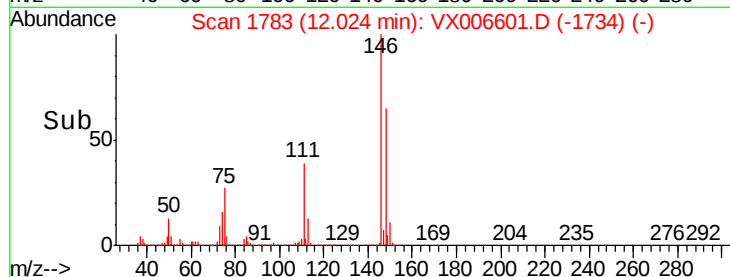
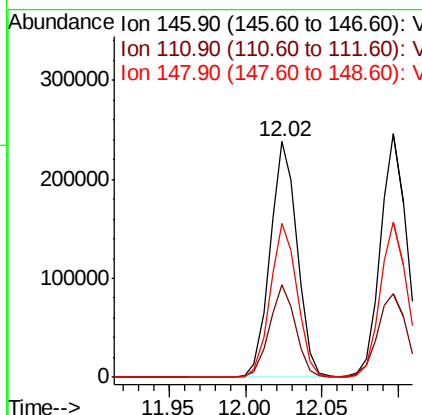
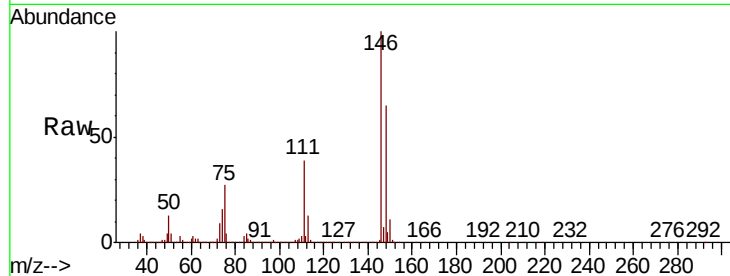
#87
 1,3-Dichlorobenzene
 Concen: 19.383 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: VX006601.D
 Acq: 18 Dec 2018 16:45

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1218WBSD01

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.0	18.4	55.2
148	65.0	32.0	96.0

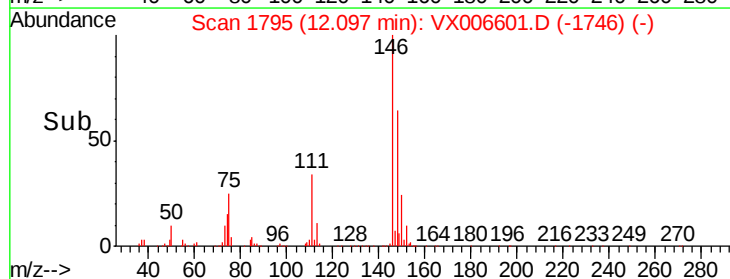
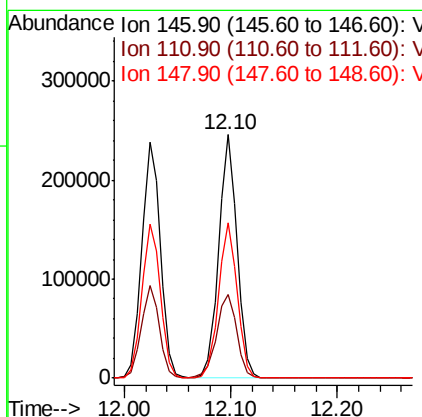
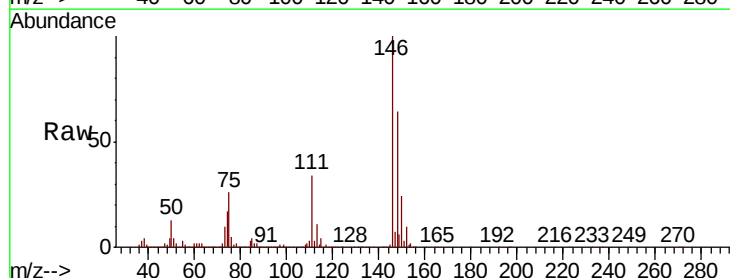
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#88
 1,4-Dichlorobenzene
 Concen: 18.932 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX006601.D
 Acq: 18 Dec 2018 16:45

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.9	18.3	54.8
148	64.6	31.9	95.9





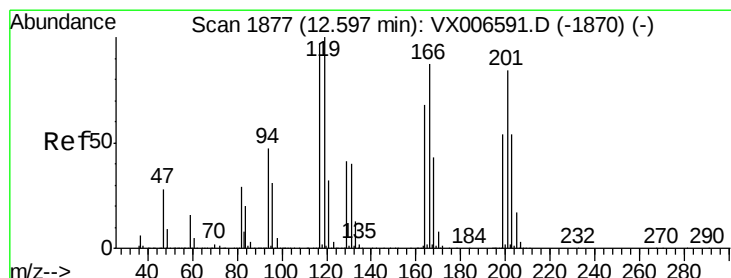
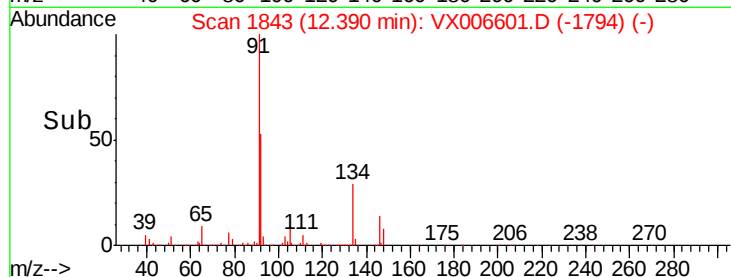
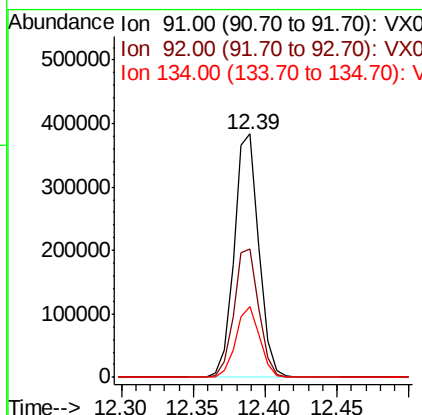
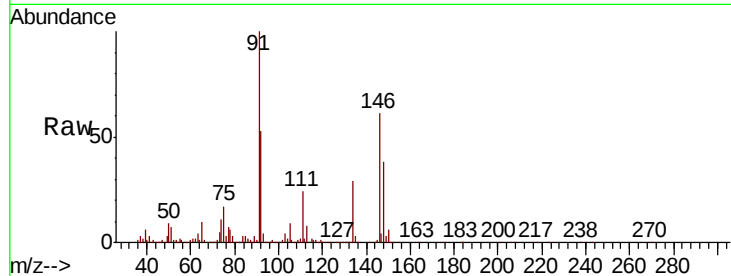
#89
n-Butylbenzene
Concen: 19.520 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. -0.00 min
Lab File: VX006601.D
Acq: 18 Dec 2018 16:45

Instrument :
MSVOA_X
ClientSampleId :
VX1218WBSD01

Tot Ion	Ratio	Lower	Upper
91	100		
92	53.1	26.6	79.8
134	28.5	14.8	44.3

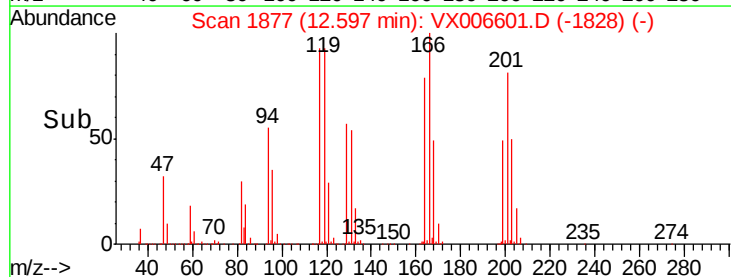
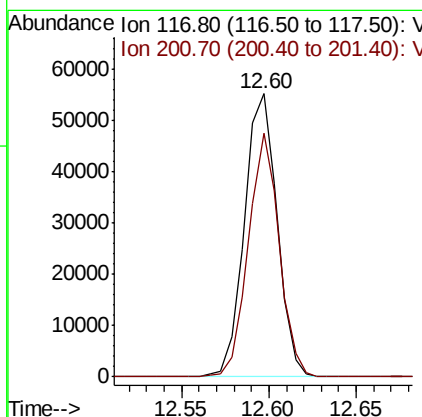
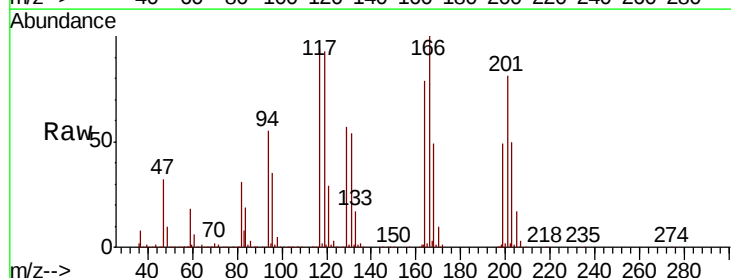
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#90
Hexachloroethane
Concen: 18.777 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. 0.00 min
Lab File: VX006601.D
Acq: 18 Dec 2018 16:45

Tgt Ion	Ratio	Lower	Upper
117	100		
201	81.0	44.7	134.1





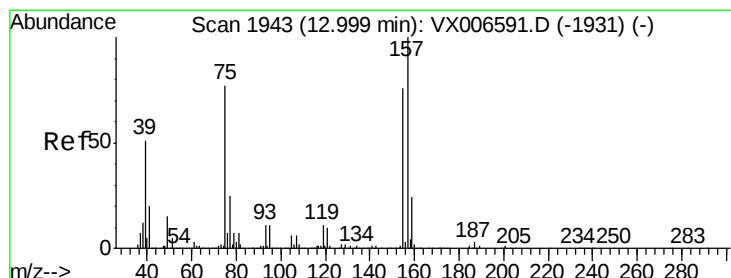
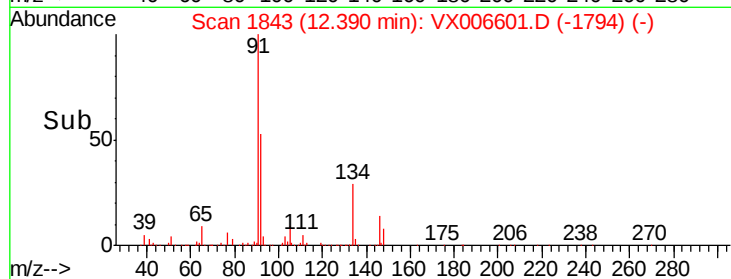
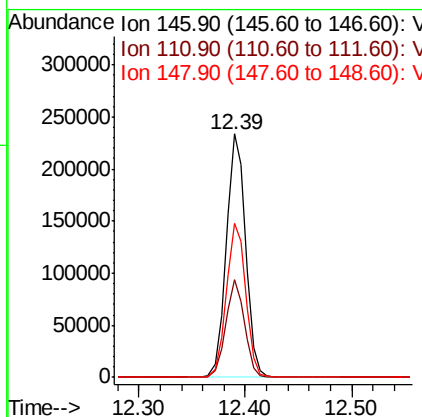
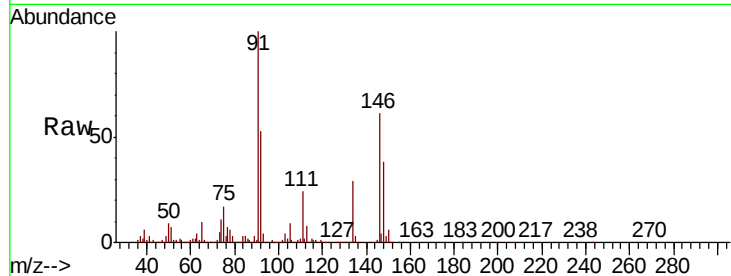
#91
 1,2-Dichlorobenzene
 Concen: 19.523 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. -0.00 min
 Lab File: VX006601.D
 Acq: 18 Dec 2018 16:45

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1218WBSD01

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.0	19.1	57.3
148	63.6	32.1	96.3

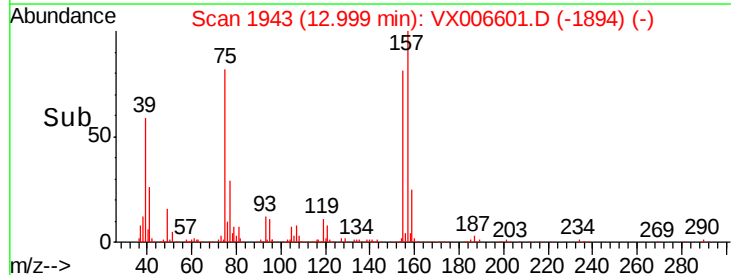
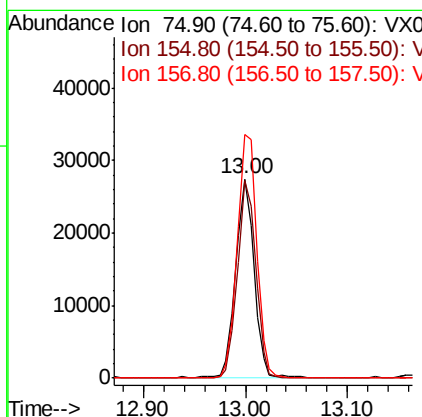
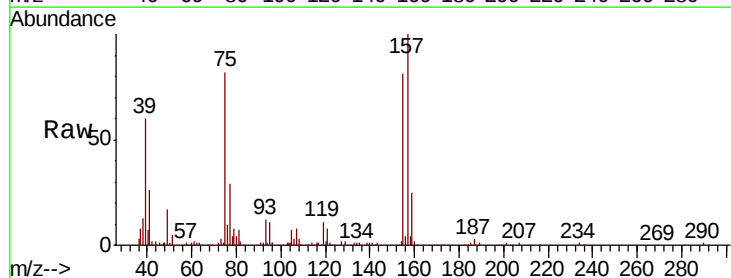
Manual Integrations
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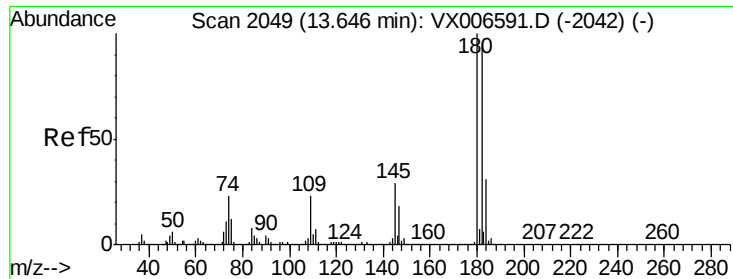
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 17.884 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. -0.00 min
 Lab File: VX006601.D
 Acq: 18 Dec 2018 16:45

Tgt Ion	Ratio	Lower	Upper
75	100		
155	98.2	53.4	160.3
157	128.5	68.0	203.8





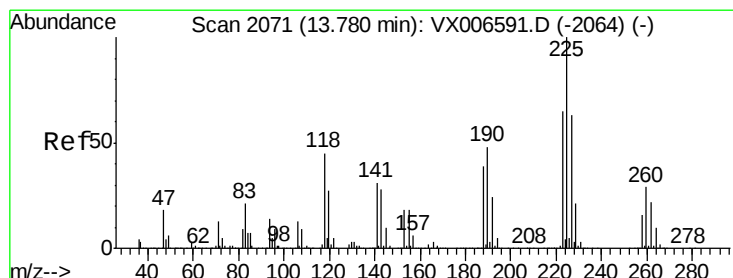
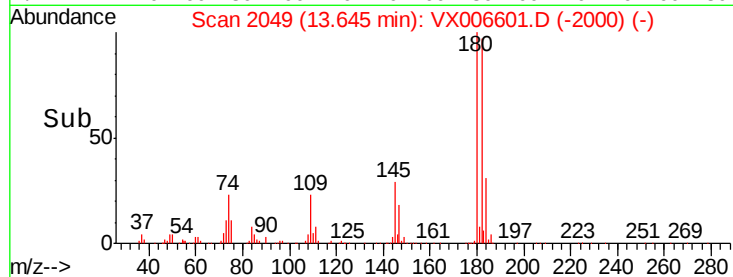
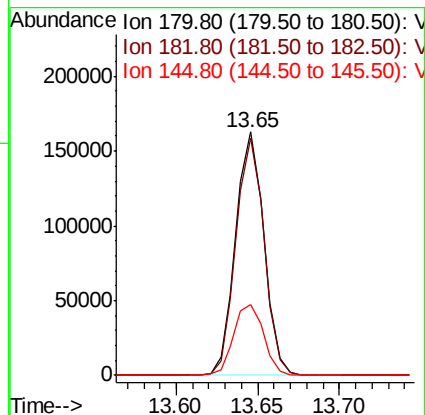
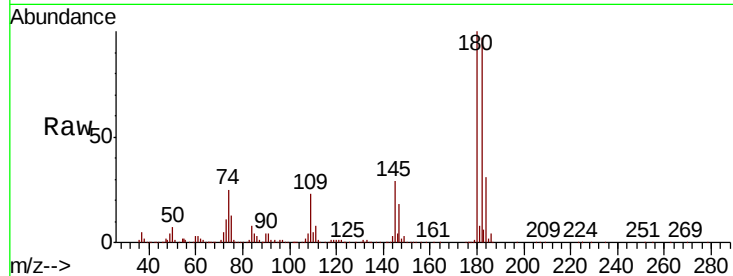
#93
 1,2,4-Trichlorobenzene
 Concen: 18.928 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX006601.D
 Acq: 18 Dec 2018 16:45

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1218WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
180	100	198046		
182	96.6	47.3	141.9	
145	30.5	14.6	43.8	

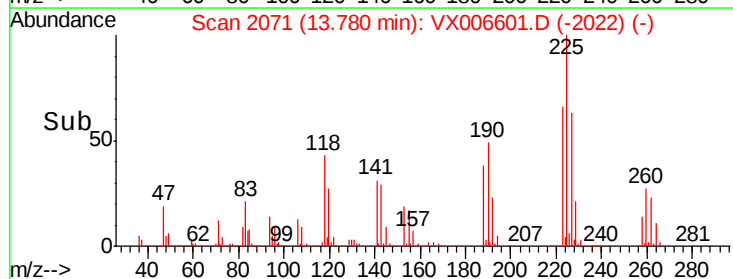
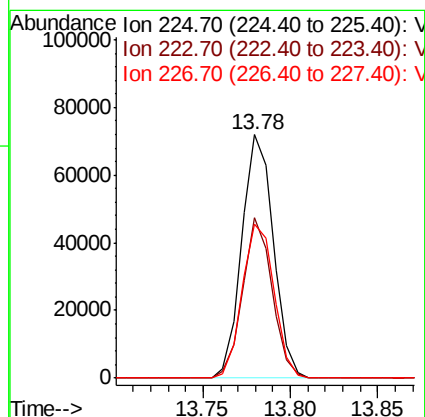
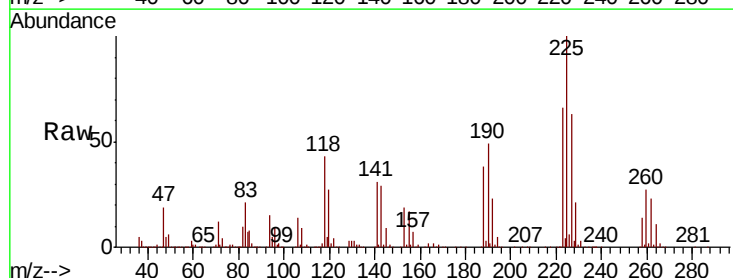
Manual Integrations
 APPROVED

MMDadoda
 12/19/2018 11:22:36 AM



#94
 Hexachlorobutadiene
 Concen: 18.292 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. -0.00 min
 Lab File: VX006601.D
 Acq: 18 Dec 2018 16:45

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	90209		
223	61.7	31.2	93.6	
227	64.2	31.9	95.5	





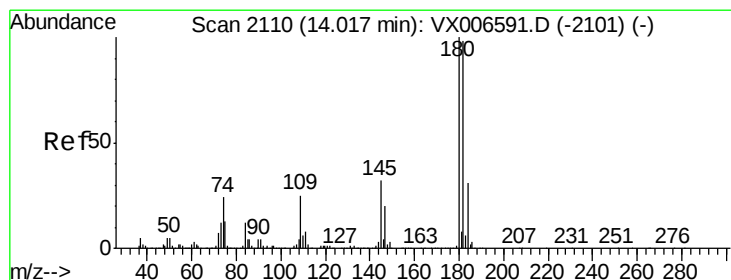
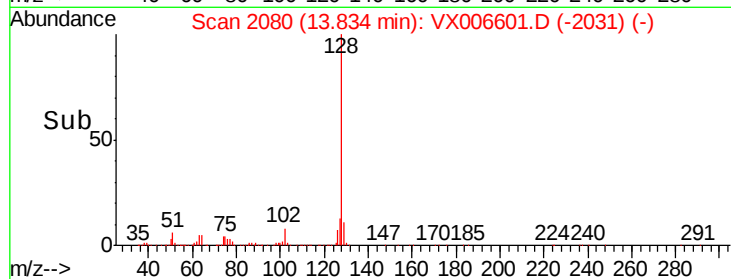
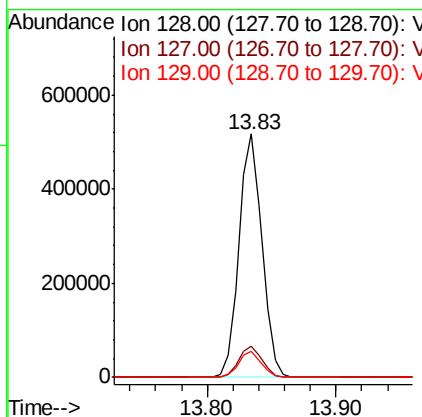
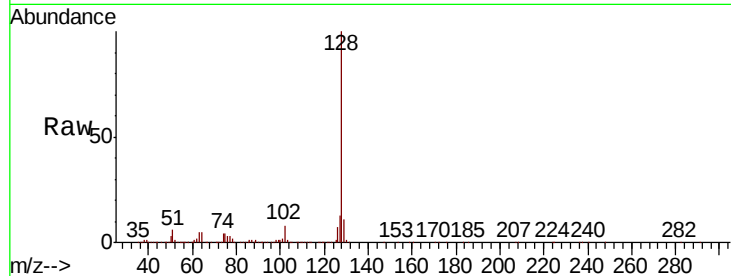
#95
Naphthalene
Concen: 19.153 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. -0.00 min
Lab File: VX006601.D
Acq: 18 Dec 2018 16:45

Instrument :
MSVOA_X
ClientSampleId :
VX1218WBSD01

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.2	15.4
129	10.7	8.9	13.3

Manual Integrations
APPROVED

MMDadoda
12/19/2018 11:22:36 AM



#96
1,2,3-Trichlorobenzene
Concen: 18.939 ug/l
RT: 14.02 min Scan# 2110
Delta R.T. -0.00 min
Lab File: VX006601.D
Acq: 18 Dec 2018 16:45

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.6	48.4	145.2
145	31.4	15.6	46.8

