

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW120418\
 Data File : VW007180.D
 Acq On : 04 Dec 2018 11:38
 Operator : SY/AP
 Sample : VSTDIC010
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC010

Manual Integrations
 APPROVED

apatel
 12/5/2018 12:43:29 PM

Quant Time: Dec 05 00:56:21 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W120418S.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 05 00:43:04 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	121390	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	190098	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	170261	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	85565	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	10841	9.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	19.18%	
35) Dibromofluoromethane	7.88	113	10407	9.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	19.12%	
50) Toluene-d8	10.33	98	48345	10.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	20.16%	
62) 4-Bromofluorobenzene	12.62	95	18160	10.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	20.06%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.00	85	15313	11.530	ug/l	99
3) Chloromethane	2.21	50	19320	11.487	ug/l	99
4) Vinyl Chloride	2.36	62	11488	10.909	ug/l	95
5) Bromomethane	2.76	94	5721	10.842	ug/l	90
6) Chloroethane	2.92	64	6469	10.949	ug/l	93
7) Trichlorofluoromethane	3.26	101	20932	10.195	ug/l	94
8) Diethyl Ether	3.68	74	5450	9.523	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	4.06	101	12392	9.992	ug/l	96
10) Methyl Iodide	4.27	142	9552	9.041	ug/l	97
11) Tert butyl alcohol	5.16	59	6535	49.542	ug/l #	83
12) 1,1-Dichloroethene	4.04	96	11681	10.050	ug/l	92
13) Acrolein	3.90	56	3624	45.762	ug/l	97
14) Allyl chloride	4.68	41	19250	10.333	ug/l	98
15) Acrylonitrile	5.37	53	10853	45.364	ug/l	99
16) Acetone	4.12	43	11942	44.634	ug/l	90
17) Carbon Disulfide	4.39	76	37951	9.906	ug/l	100
18) Methyl Acetate	4.67	43	5659	9.266	ug/l	99
19) Methyl tert-butyl Ether	5.43	73	25612	9.359	ug/l	98
20) Methylene Chloride	4.92	84	19144	12.032	ug/l	97
21) trans-1,2-Dichloroethene	5.43	96	12976	9.999	ug/l	94
22) Diisopropyl ether	6.31	45	33685	10.072	ug/l	93
23) Vinyl Acetate	6.26	43	86579	47.444	ug/l	98
24) 1,1-Dichloroethane	6.22	63	21221	9.900	ug/l	97
25) 2-Butanone	7.17	43	14067	45.355	ug/l	93
26) 2,2-Dichloropropane	7.17	77	21212	10.297	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	14108	10.141	ug/l	99
28) Bromochloromethane	7.51	49	7605	9.839	ug/l	99
29) Tetrahydrofuran	7.53	42	8562	44.673	ug/l	99
30) Chloroform	7.68	83	22102	9.921	ug/l	99
31) Cyclohexane	7.96	56	23926	10.668	ug/l #	92
32) 1,1,1-Trichloroethane	7.88	97	21312	10.166	ug/l	99
36) 1,1-Dichloropropene	8.09	75	18541	10.024	ug/l	99
37) Ethyl Acetate	7.26	43	6130	9.162	ug/l	99
38) Carbon Tetrachloride	8.07	117	19355	10.252	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	25141	10.153	ug/l	98
40) Benzene	8.33	78	51198	10.094	ug/l	98
41) Methacrylonitrile	7.49	41	4210	10.505	ug/l	92
42) 1,2-Dichloroethane	8.40	62	13848	9.769	ug/l	100
43) Isopropyl Acetate	8.42	43	11488	8.840	ug/l	98
44) Trichloroethene	9.10	130	14264	10.005	ug/l	93
45) 1,2-Dichloropropane	9.37	63	11480	9.726	ug/l	96
46) Dibromomethane	9.46	93	5791	9.442	ug/l	98
47) Bromodichloromethane	9.65	83	16228	10.059	ug/l	99
48) Methyl methacrylate	9.44	41	6499	9.636	ug/l	95
49) 1,4-Dioxane	9.45	88	2218	207.016	ug/l	93
51) 4-Methyl-2-Pentanone	10.21	43	28353	44.275	ug/l	99
52) Toluene	10.39	92	36643	10.386	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	14698	9.062	ug/l	98
54) cis-1,3-Dichloropropene	10.07	75	18156	9.551	ug/l	94
55) 1,1,2-Trichloroethane	10.79	97	8343	9.563	ug/l	92
56) Ethyl methacrylate	10.65	69	10318	9.067	ug/l #	90
57) 1,3-Dichloropropane	10.93	76	13790	9.363	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	21713	47.502	ug/l	100
59) 2-Hexanone	10.97	43	20302	43.733	ug/l	97
60) Dibromochloromethane	11.13	129	10008	9.334	ug/l	99
61) 1,2-Dibromoethane	11.24	107	7861	9.395	ug/l	96
64) Tetrachloroethene	10.87	164	12420	9.984	ug/l	96
65) Chlorobenzene	11.66	112	39670	10.432	ug/l	91
66) 1,1,1,2-Tetrachloroethane	11.73	131	11481	9.776	ug/l	97
67) Ethyl Benzene	11.74	91	69699	10.057	ug/l	98
68) m/p-Xylenes	11.84	106	54272	19.961	ug/l	93
69) o-Xylene	12.17	106	25894	10.194	ug/l	95
70) Styrene	12.18	104	42555	10.234	ug/l	99
71) Bromoform	12.35	173	5349	9.099	ug/l #	99
73) Isopropylbenzene	12.47	105	71443	10.266	ug/l	99
74) N-amyl acetate	12.27	43	11628	9.424	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.72	83	9027	9.988	ug/l	96
76) 1,2,3-Trichloropropane	12.77	75	6997m	6.084	ug/l	
77) Bromobenzene	12.75	156	15675	10.435	ug/l	95
78) n-propylbenzene	12.81	91	88256	10.645	ug/l	95
79) 2-Chlorotoluene	12.90	91	49752	10.626	ug/l	99
80) 1,3,5-Trimethylbenzene	12.95	105	61568	10.341	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.51	75	2858	9.298	ug/l	97
82) 4-Chlorotoluene	12.99	91	50890	10.217	ug/l	99
83) tert-Butylbenzene	13.21	119	53544	10.291	ug/l	98
84) 1,2,4-Trimethylbenzene	13.26	105	62347	10.259	ug/l	95
85) sec-Butylbenzene	13.39	105	78829	10.613	ug/l	96
86) p-Isopropyltoluene	13.51	119	69095	10.450	ug/l	99
87) 1,3-Dichlorobenzene	13.51	146	32032	10.387	ug/l	98
88) 1,4-Dichlorobenzene	13.58	146	31445	10.095	ug/l	96
89) n-Butylbenzene	13.83	91	65297	10.568	ug/l	97
90) Hexachloroethane	14.10	117	10230	10.153	ug/l	100
91) 1,2-Dichlorobenzene	13.88	146	27279	10.218	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	1662	9.492	ug/l	93

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	18026	9.743	ug/l	98
94) Hexachlorobutadiene	15.24	225	10430	10.454	ug/l	96
95) Naphthalene	15.38	128	30833	9.299	ug/l	98
96) 1,2,3-Trichlorobenzene	15.57	180	15116	9.690	ug/l	99

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

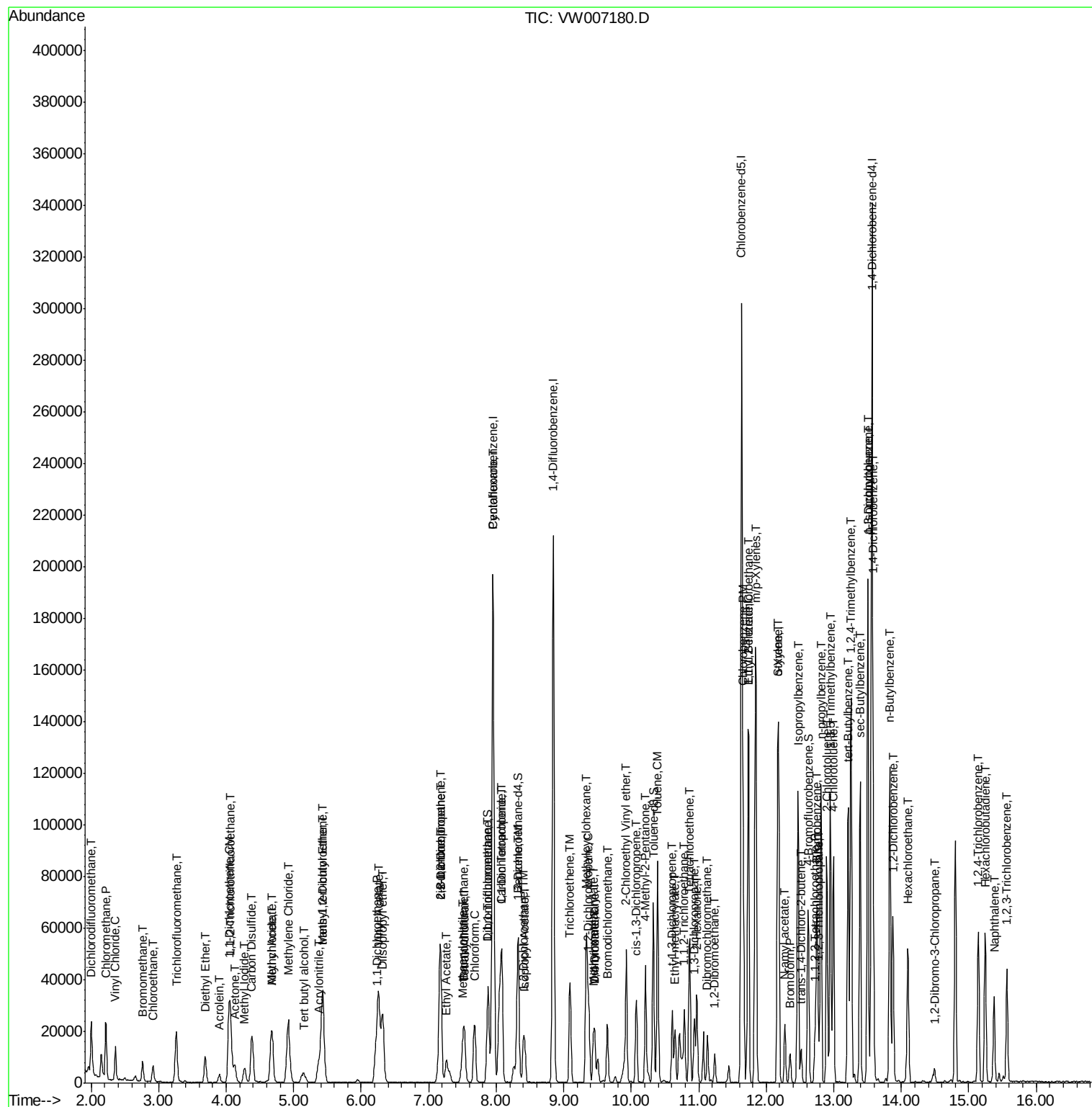
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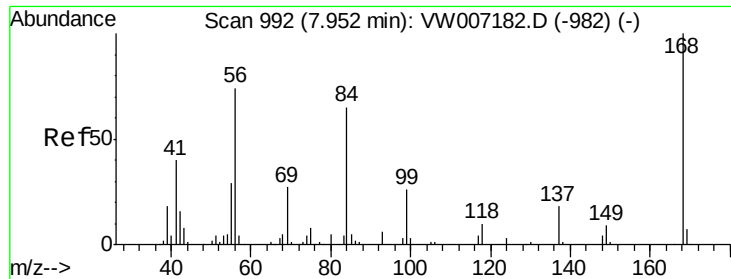
Instrument :
MSVOA_W
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.00 min

Lab File: VW007180.D

Acq: 04 Dec 2018 11:38

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC010

Tgt Ion: 168 Resp: 121390

Ion Ratio Lower Upper

168 100

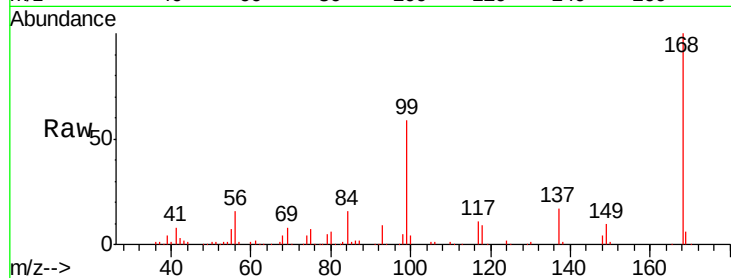
99 58.6 47.8 71.8

Manual Integrations

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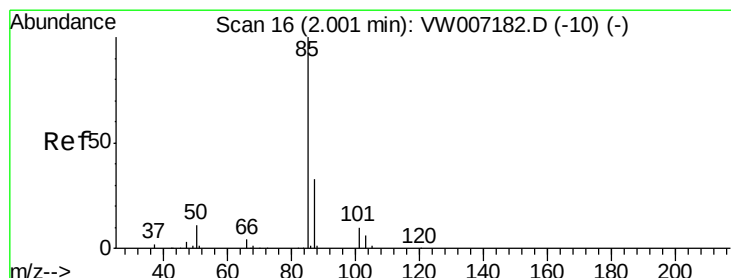
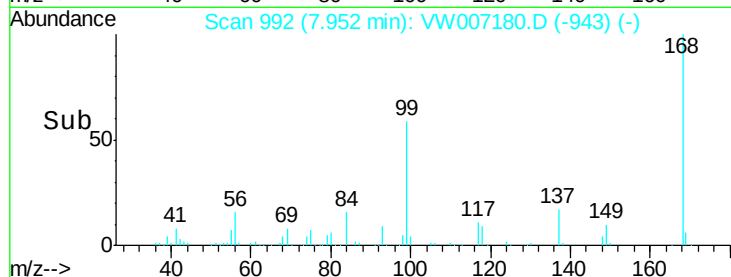
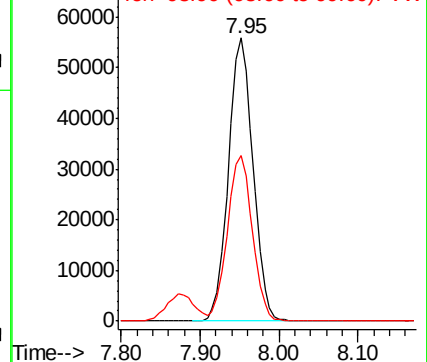
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#2

Dichlorodifluoromethane

Concen: 11.530 ug/l

RT: 2.00 min Scan# 16

Delta R.T. 0.00 min

Lab File: VW007180.D

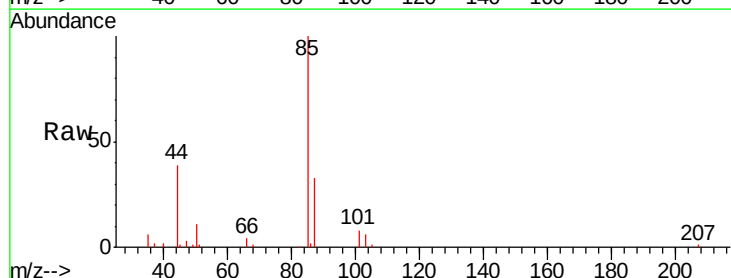
Acq: 04 Dec 2018 11:38

Tgt Ion: 85 Resp: 15313

Ion Ratio Lower Upper

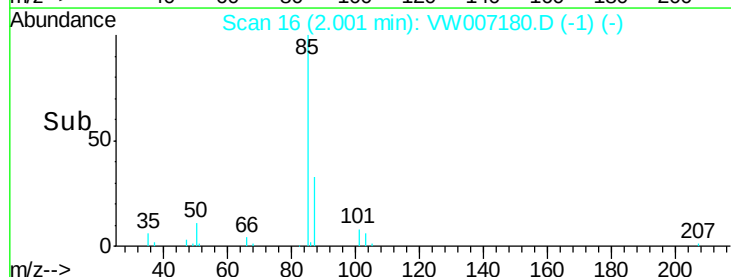
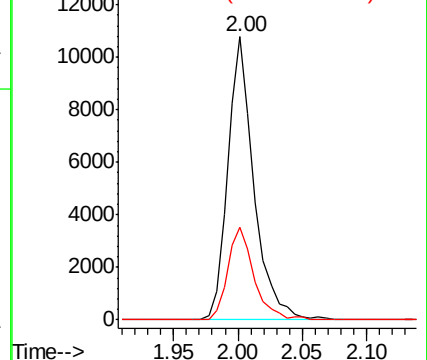
85 100

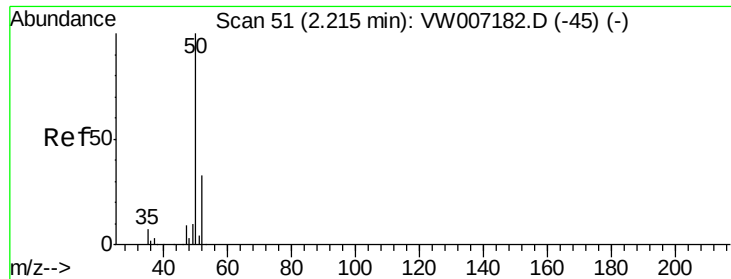
87 32.6 16.5 49.5



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW





#3

Chloromethane

Concen: 11.487 ug/l

RT: 2.21 min Scan# 51

Delta R.T. 0.00 min

Lab File: VW007180.D

Acq: 04 Dec 2018 11:38

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC010

Tgt Ion: 50 Resp: 19320

Ion Ratio Lower Upper

50 100

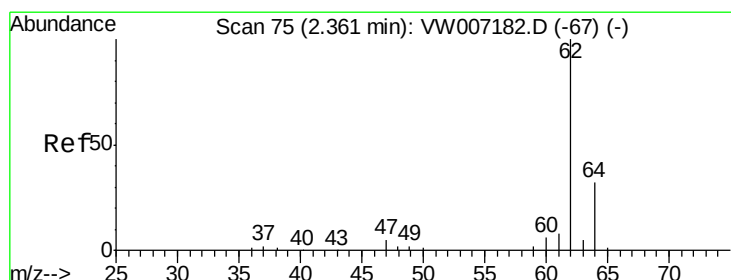
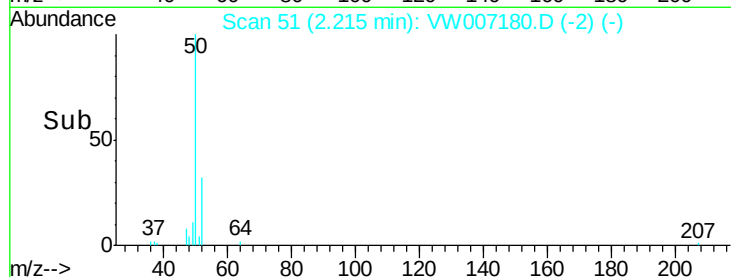
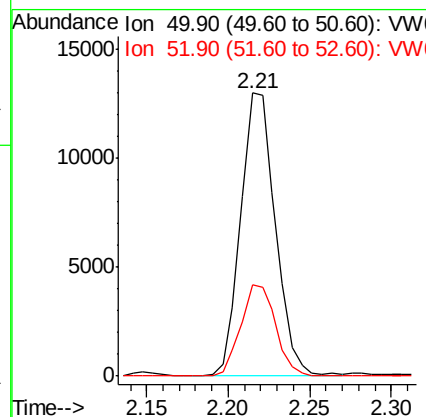
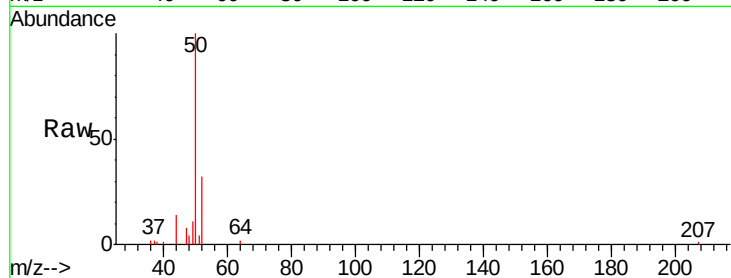
52 32.3 26.2 39.2

Manual Integrations

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#4

Vinyl Chloride

Concen: 10.909 ug/l

RT: 2.36 min Scan# 75

Delta R.T. 0.00 min

Lab File: VW007180.D

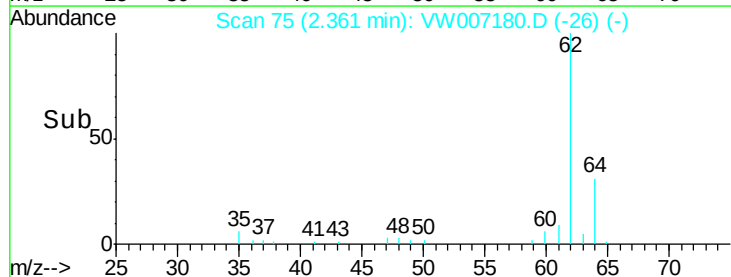
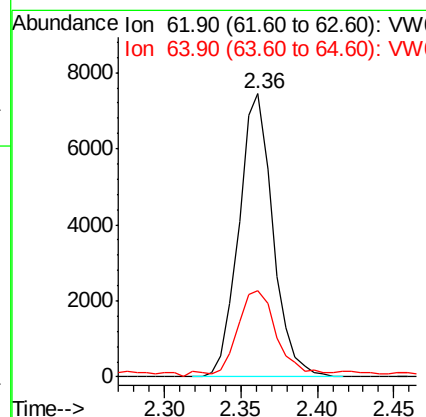
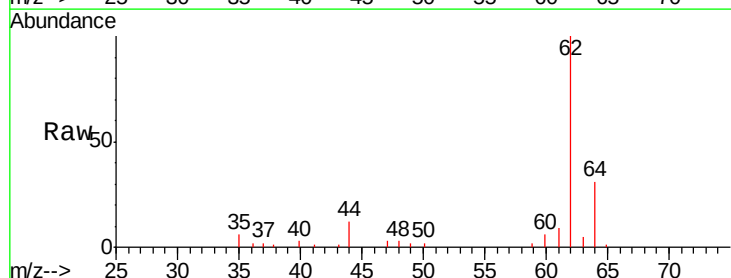
Acq: 04 Dec 2018 11:38

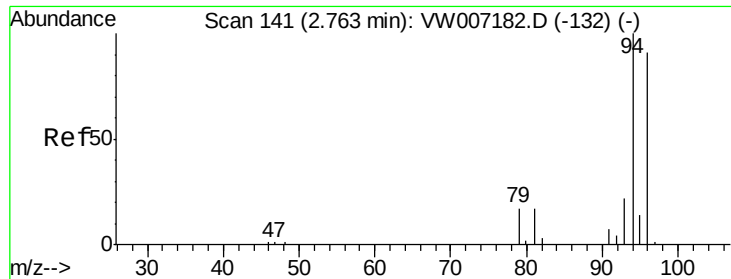
Tgt Ion: 62 Resp: 11488

Ion Ratio Lower Upper

62 100

64 28.8 25.3 37.9





#5

Bromomethane

Concen: 10.842 ug/l

RT: 2.76 min Scan# 141

Delta R.T. 0.00 min

Lab File: VW007180.D

Acq: 04 Dec 2018 11:38

Instrument :

MSVOA_W

ClientSampled :

VSTDIC010

Tgt Ion: 94 Resp: 5721

Ion Ratio Lower Upper

94 100

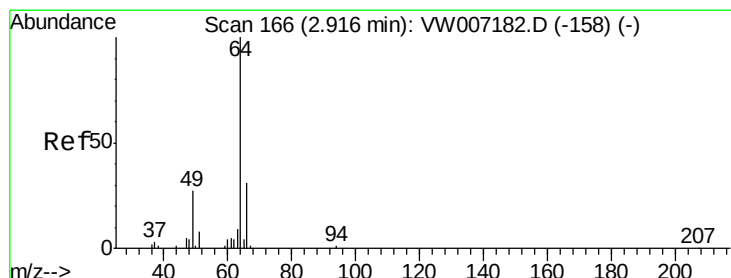
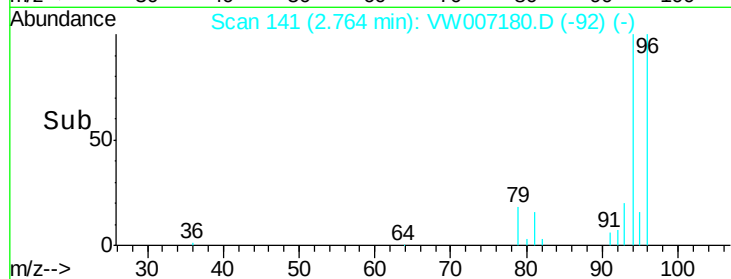
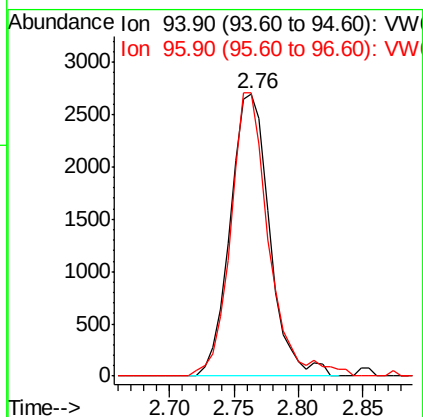
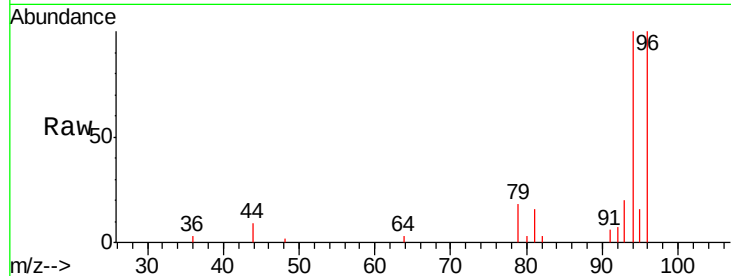
96 100.1 72.8 109.2

Manual Integrations

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#6

Chloroethane

Concen: 10.949 ug/l

RT: 2.92 min Scan# 166

Delta R.T. 0.00 min

Lab File: VW007180.D

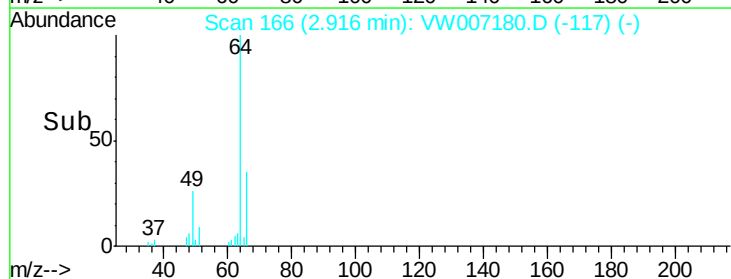
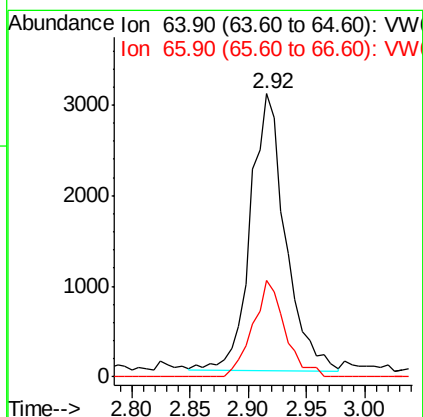
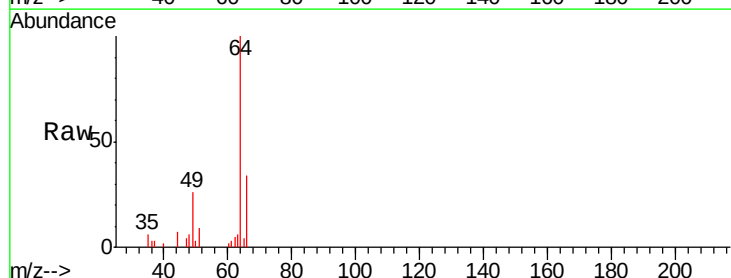
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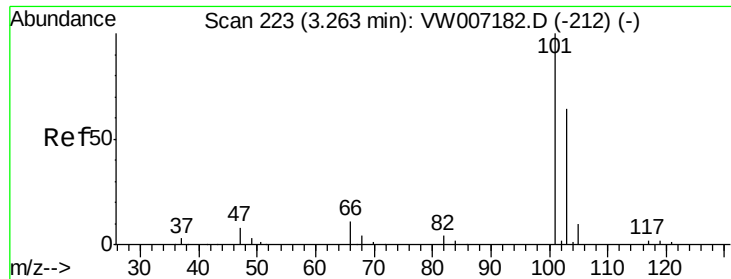
Tgt Ion: 64 Resp: 6469

Ion Ratio Lower Upper

64 100

66 35.1 25.0 37.6





#7

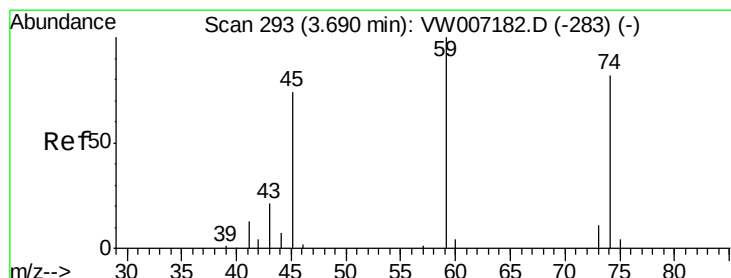
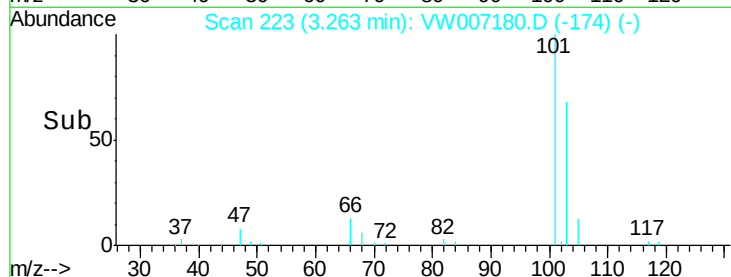
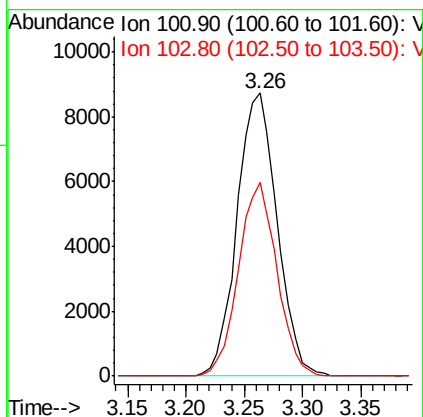
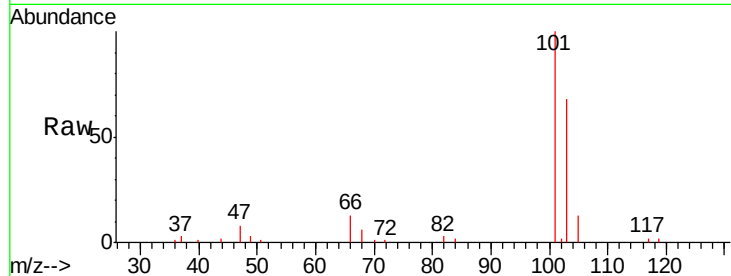
Trichlorofluoromethane
Concen: 10.195 ug/l
RT: 3.26 min Scan# 223
Delta R.T. 0.00 min
Lab File: VW007180.D
Acq: 04 Dec 2018 11:38

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Tgt Ion: 101 Resp: 20932
Ion Ratio Lower Upper
101 100
103 68.3 50.9 76.3

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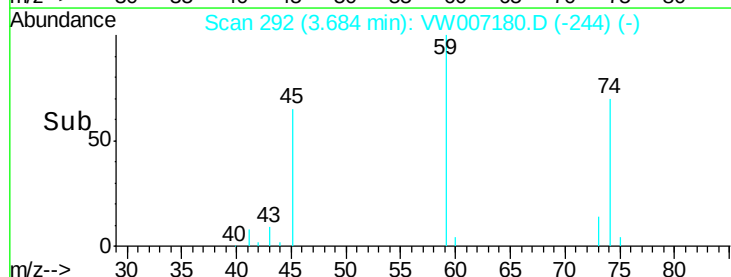
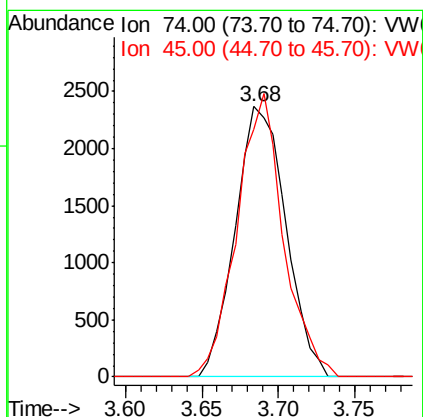
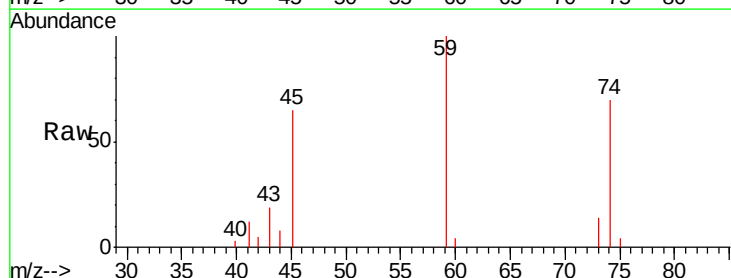
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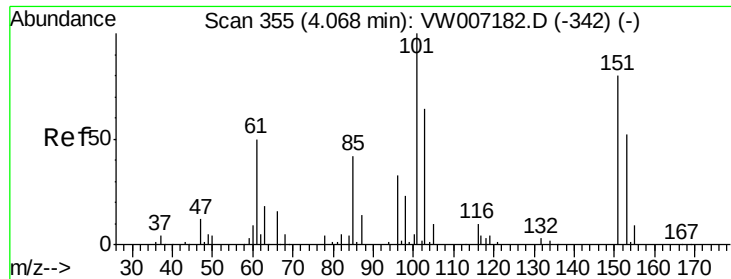


#8

Diethyl Ether
Concen: 9.523 ug/l
RT: 3.68 min Scan# 292
Delta R.T. -0.01 min
Lab File: VW007180.D
Acq: 04 Dec 2018 11:38

Tgt Ion: 74 Resp: 5450
Ion Ratio Lower Upper
74 100
45 96.3 47.2 141.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 9.992 ug/l

RT: 4.06 min Scan# 354

Delta R.T. -0.01 min

Lab File: VW007180.D

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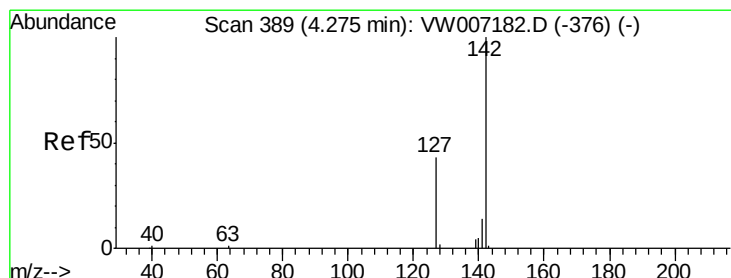
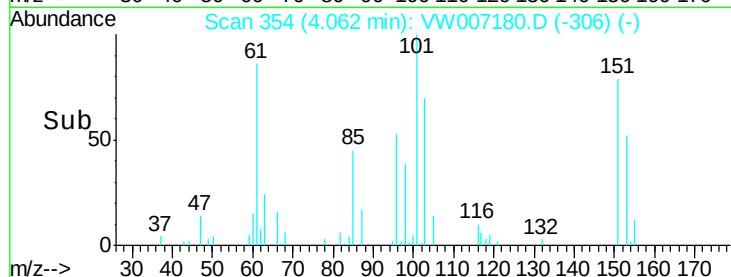
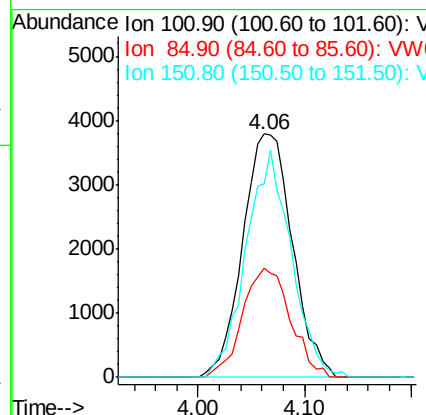
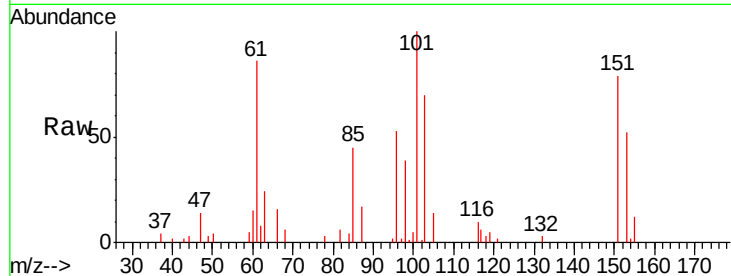
ClientSampleId :

VSTDIC010

Tgt Ion:	101	Resp:	12392
Ion Ratio	Lower	Upper	
101	100		
85	43.4	33.4	50.2
151	84.6	63.9	95.9

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#10

Methyl Iodide

Concen: 9.041 ug/l

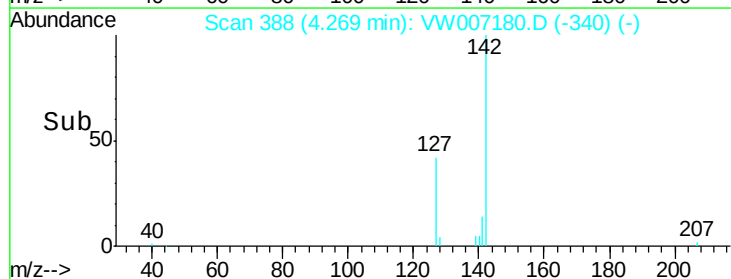
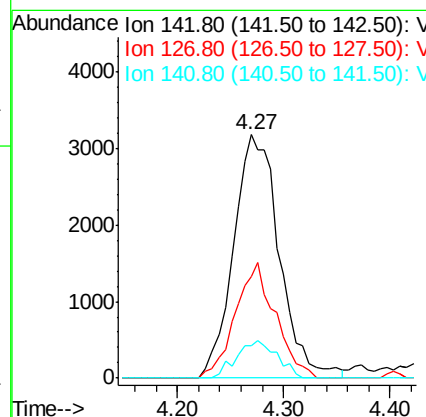
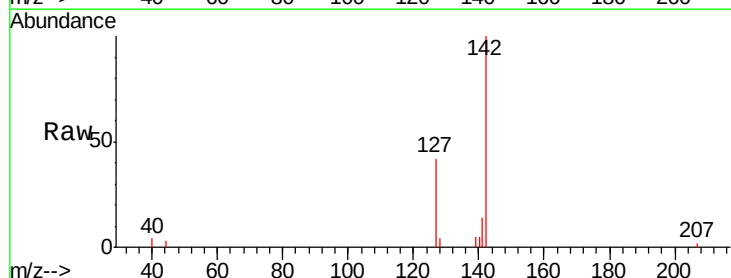
RT: 4.27 min Scan# 388

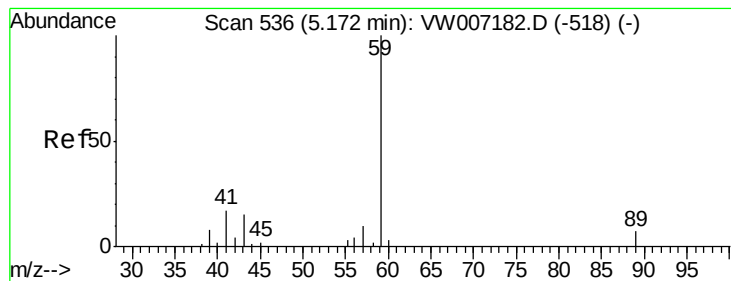
Delta R.T. -0.01 min

Lab File: VW007180.D

Acq: 04 Dec 2018 11:38

Tgt Ion:	142	Resp:	9552
Ion Ratio	Lower	Upper	
142	100		
127	41.5	34.9	52.3
141	13.7	11.7	17.5





#11

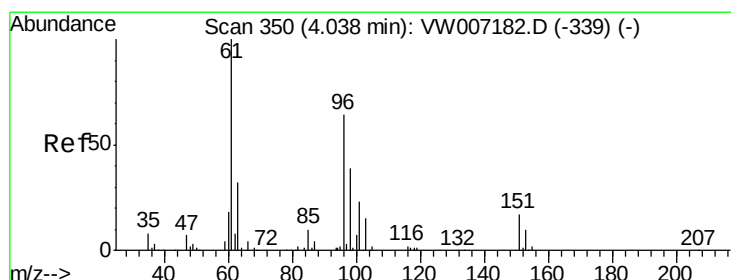
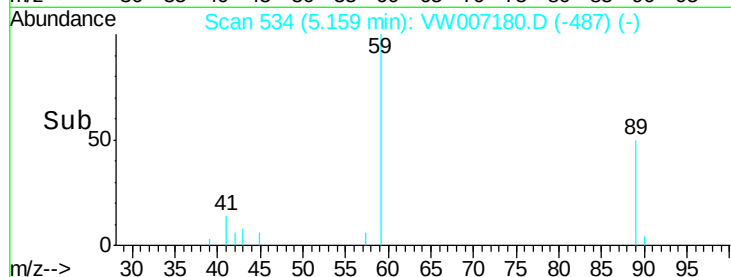
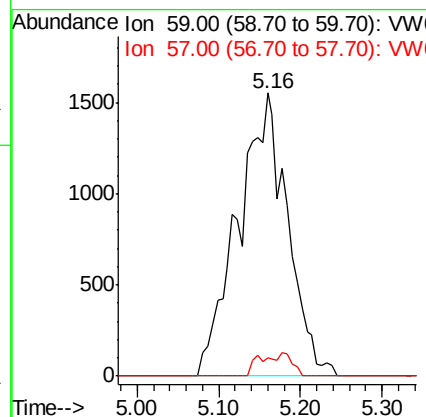
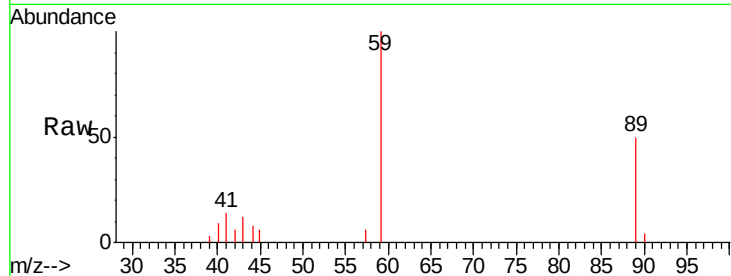
Tert butyl alcohol
 Concen: 49.542 ug/l
 RT: 5.16 min Scan# 534
 Delta R.T. -0.01 min
 Lab File: VW007180.D
 Acq: 04 Dec 2018 11:38

Instrument :
 MSVOA_W
 ClientSampled :
 VSTDIC010

Tgt Ion: 59 Resp: 6535
 Ion Ratio Lower Upper
 59 100
 57 2.7 7.1 10.7#

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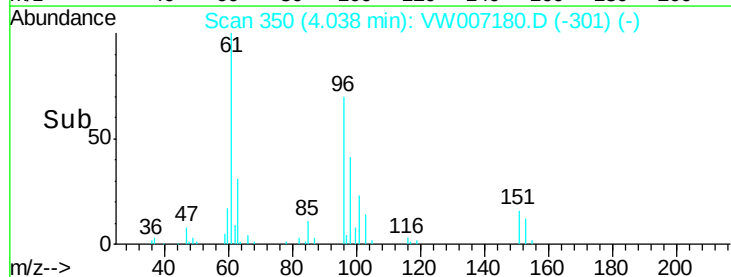
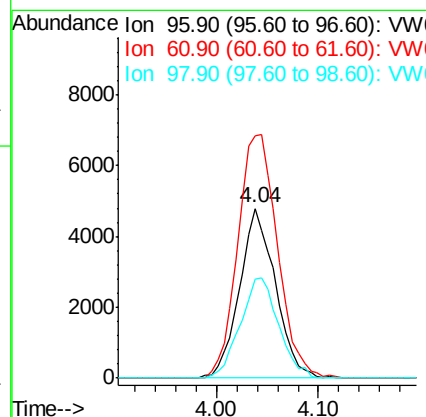
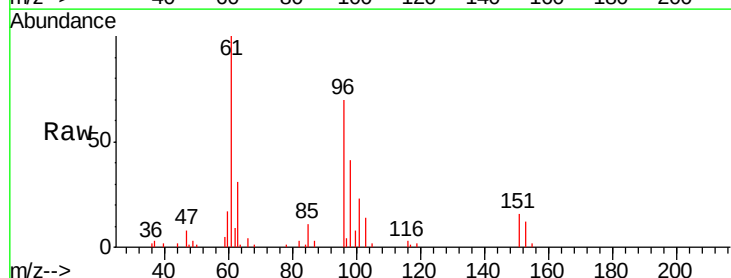
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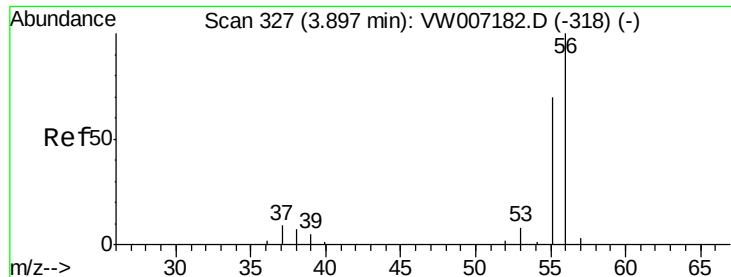


#12

1,1-Dichloroethene
 Concen: 10.050 ug/l
 RT: 4.04 min Scan# 350
 Delta R.T. 0.00 min
 Lab File: VW007180.D
 Acq: 04 Dec 2018 11:38

Tgt Ion: 96 Resp: 11681
 Ion Ratio Lower Upper
 96 100
 61 142.9 124.1 186.1
 98 57.9 48.6 72.8





#13

Acrolein

Concen: 45.762 ug/l

RT: 3.90 min Scan# 327

Delta R.T. 0.00 min

Lab File: VW007180.D

Acq: 04 Dec 2018 11:38

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC010

Tgt Ion: 56 Resp: 3624

Ion Ratio Lower Upper

56 100

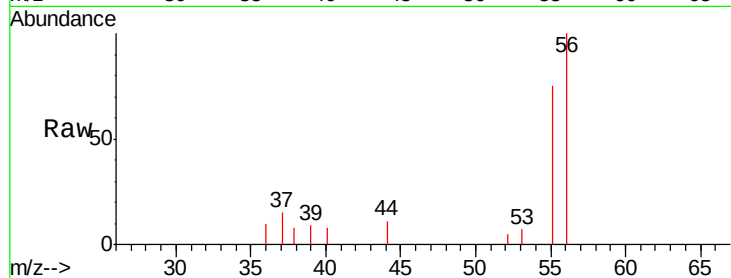
55 73.9 56.9 85.3

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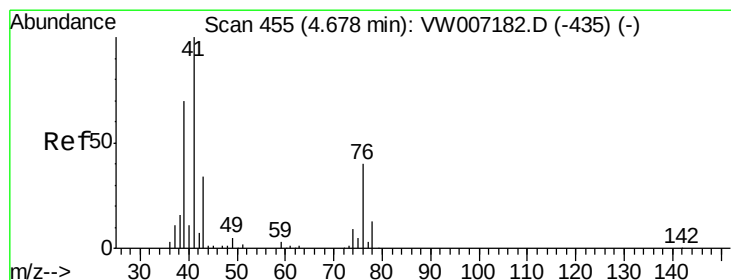
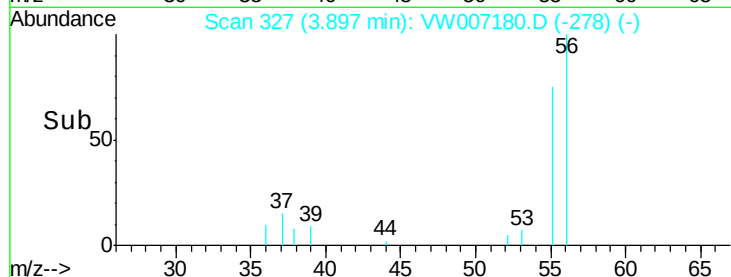
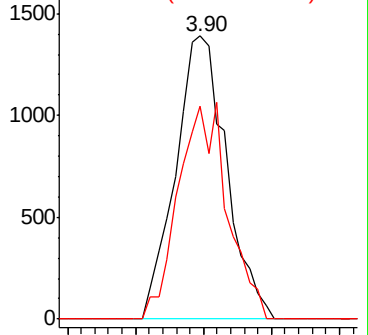
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Abundance Ion 56.00 (55.70 to 56.70): VW

Ion 55.00 (54.70 to 55.70): VW



#14

Allyl chloride

Concen: 10.333 ug/l

RT: 4.68 min Scan# 455

Delta R.T. 0.00 min

Lab File: VW007180.D

Acq: 04 Dec 2018 11:38

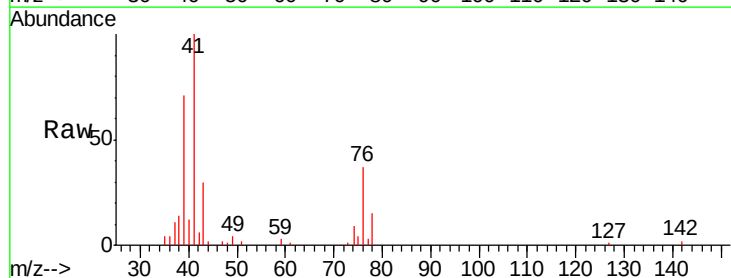
Tgt Ion: 41 Resp: 19250

Ion Ratio Lower Upper

41 100

39 69.6 55.9 83.9

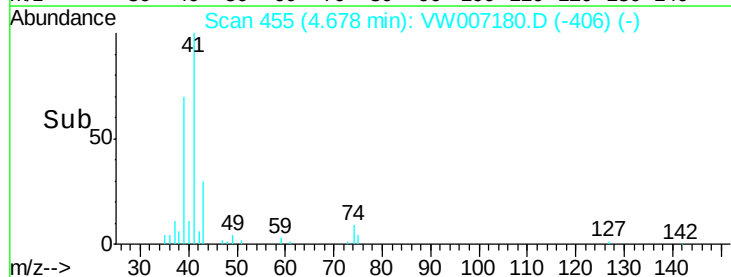
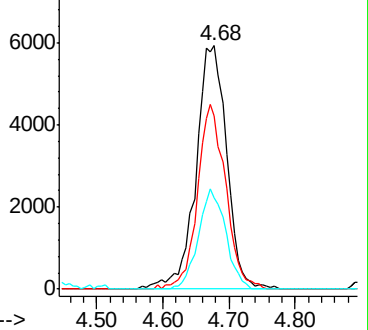
76 36.3 30.8 46.2

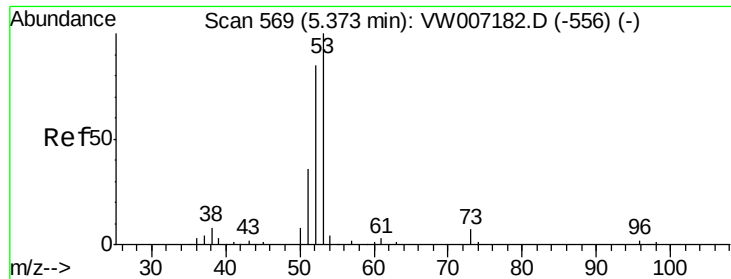


Abundance Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW

Ion 75.90 (75.60 to 76.60): VW





#15

Acrylonitrile

Concen: 45.364 ug/l

RT: 5.37 min Scan# 569

Delta R.T. 0.00 min

Lab File: VW007180.D

Acq: 04 Dec 2018 11:38

Instrument :

MSVOA_W

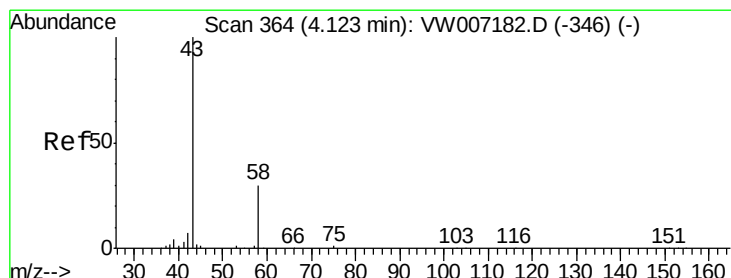
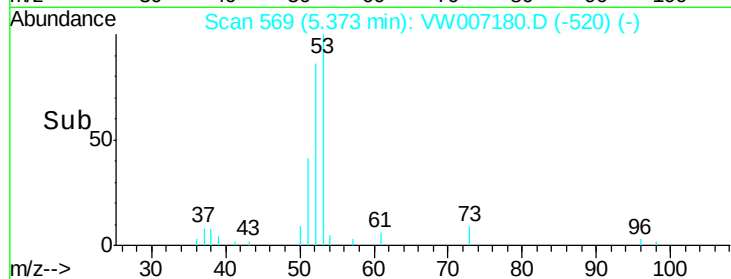
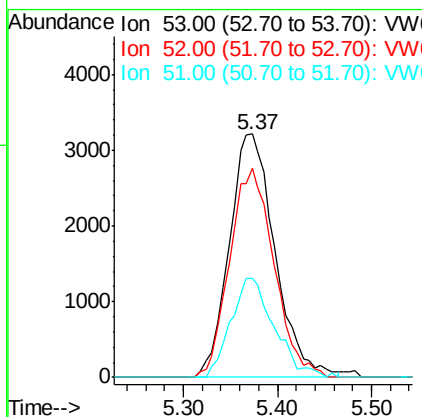
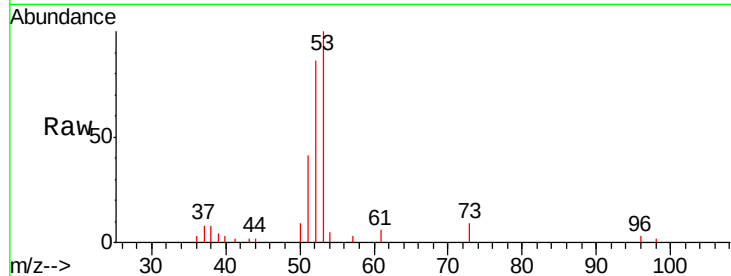
ClientSampleId :

VSTDIC010

Tgt Ion:	53	Resp:	10853
Ion	Ratio	Lower	Upper
53	100		
52	83.6	66.1	99.1
51	39.0	30.3	45.5

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#16

Acetone

Concen: 44.634 ug/l

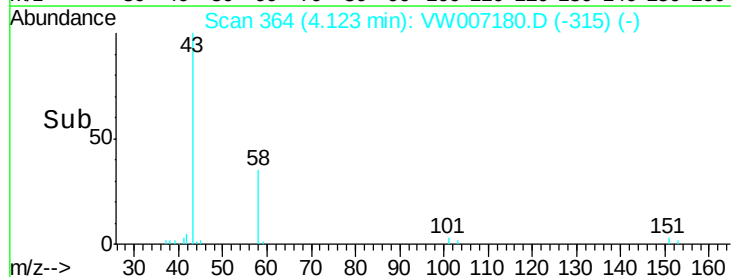
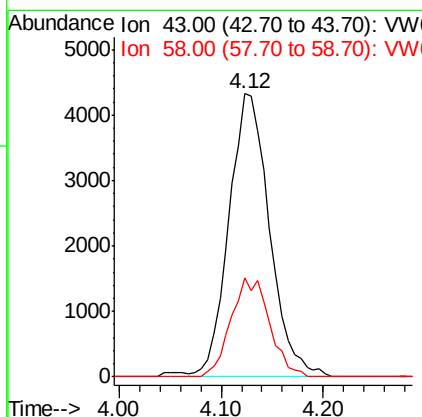
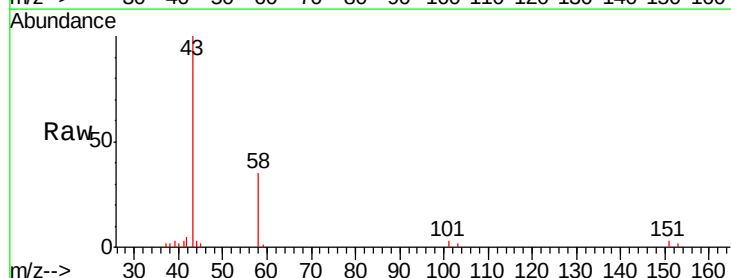
RT: 4.12 min Scan# 364

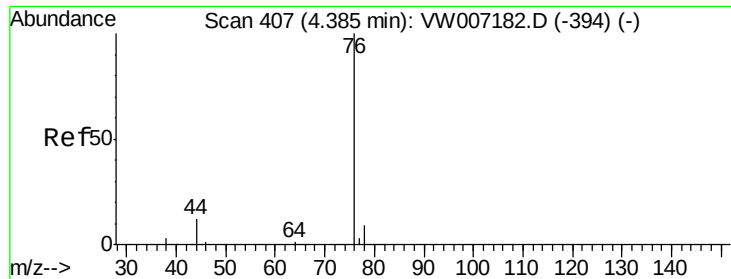
Delta R.T. 0.00 min

Lab File: VW007180.D

Acq: 04 Dec 2018 11:38

Tgt Ion:	43	Resp:	11942
Ion	Ratio	Lower	Upper
43	100		
58	35.2	23.8	35.8





#17

Carbon Disulfide

Concen: 9.906 ug/l

RT: 4.39 min Scan# 407

Delta R.T. 0.00 min

Lab File: VW007180.D

Acq: 04 Dec 2018 11:38

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC010

Tgt Ion: 76 Resp: 37951

Ion Ratio Lower Upper

76 100

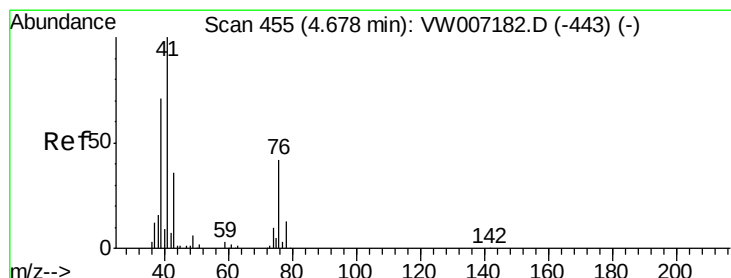
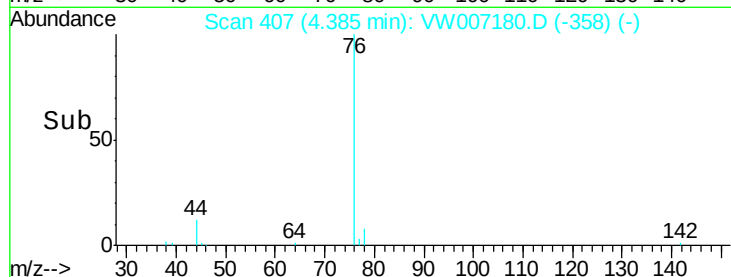
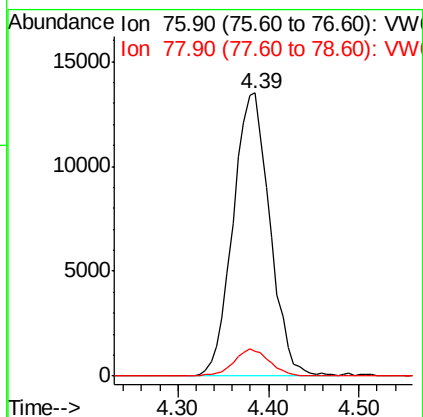
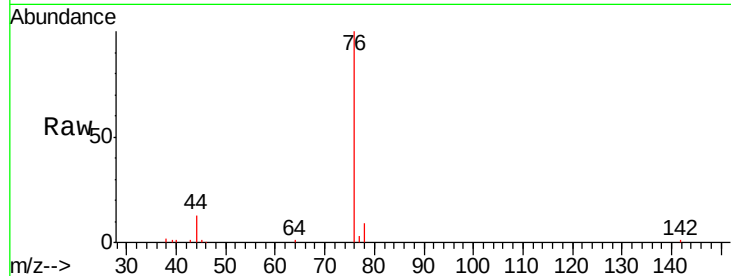
78 9.0 7.2 10.8

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#18

Methyl Acetate

Concen: 9.266 ug/l

RT: 4.67 min Scan# 454

Delta R.T. -0.01 min

Lab File: VW007180.D

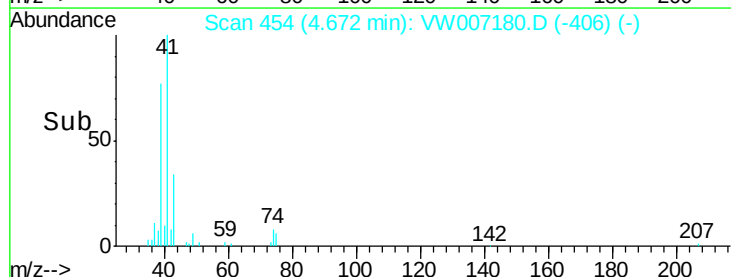
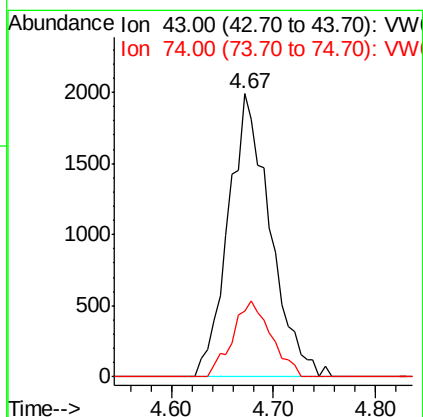
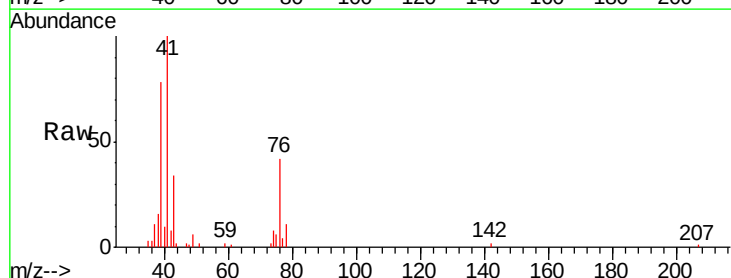
Acq: 04 Dec 2018 11:38

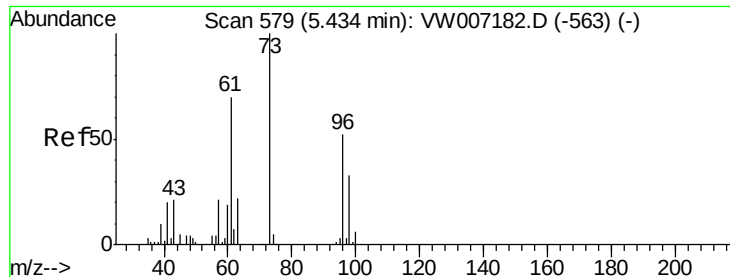
Tgt Ion: 43 Resp: 5659

Ion Ratio Lower Upper

43 100

74 24.6 20.1 30.1





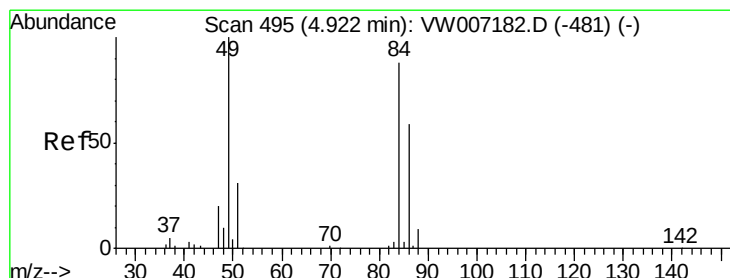
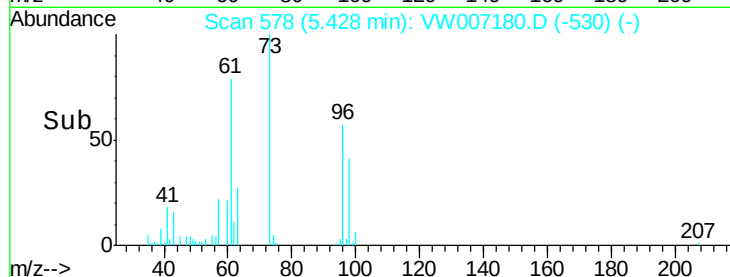
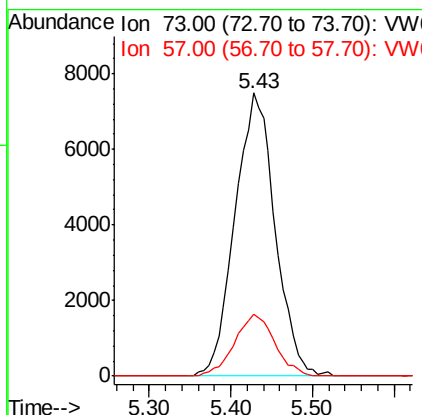
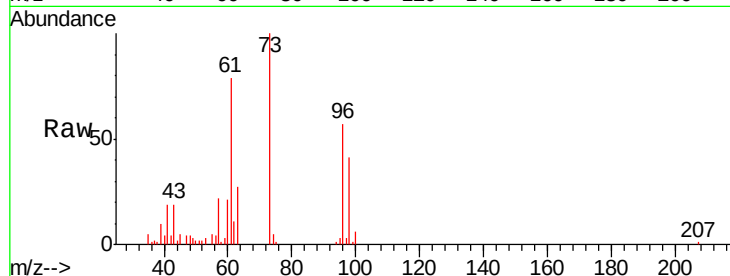
#19
Methyl tert-butyl Ether
Concen: 9.359 ug/l
RT: 5.43 min Scan# 578
Delta R.T. -0.01 min
Lab File: VW007180.D
Acq: 04 Dec 2018 11:38

Instrument :
MSVOA_W
ClientSampled :
VSTDIC010

Tgt Ion: 73 Resp: 25612
Ion Ratio Lower Upper
73 100
57 21.8 16.6 25.0

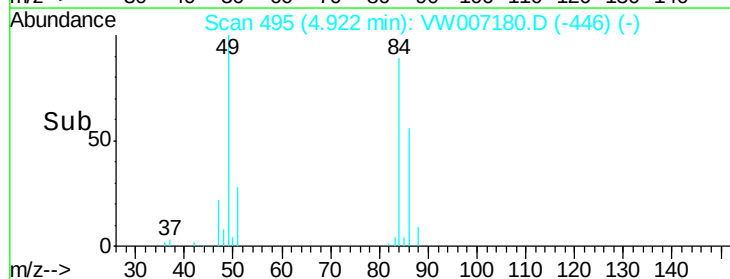
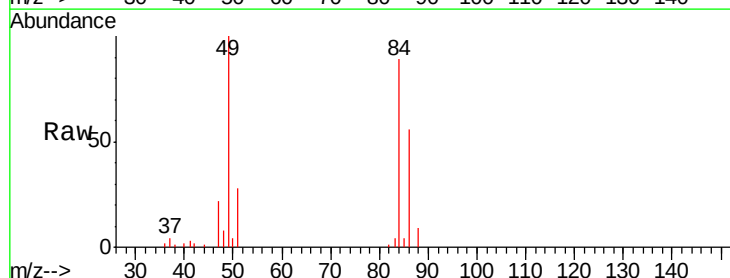
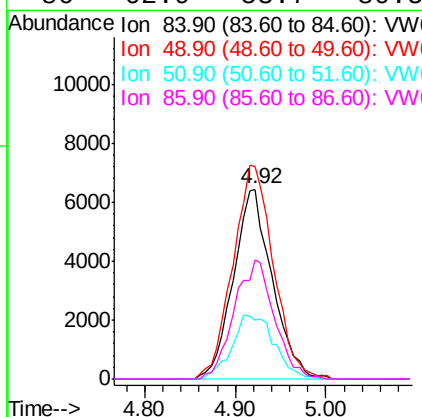
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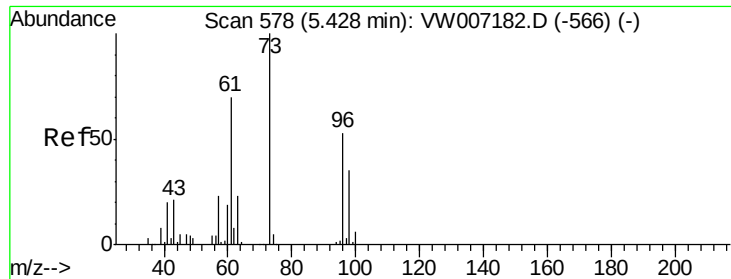
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#20
Methylene Chloride
Concen: 12.032 ug/l
RT: 4.92 min Scan# 495
Delta R.T. 0.00 min
Lab File: VW007180.D
Acq: 04 Dec 2018 11:38

Tgt Ion: 84 Resp: 19144
Ion Ratio Lower Upper
84 100
49 112.0 90.6 135.8
51 31.0 27.6 41.4
86 62.9 53.7 80.5





#21

trans-1,2-Dichloroethene

Concen: 9.999 ug/l

RT: 5.43 min Scan# 578

Delta R.T. 0.00 min

Lab File: VW007180.D

Acq: 04 Dec 2018 11:38

Instrument :

MSVOA_W

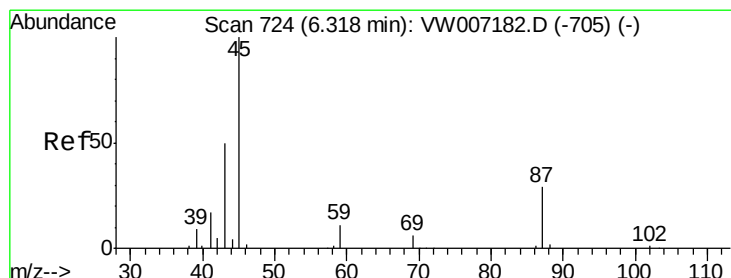
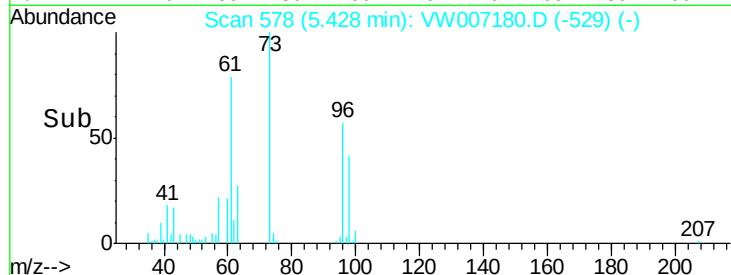
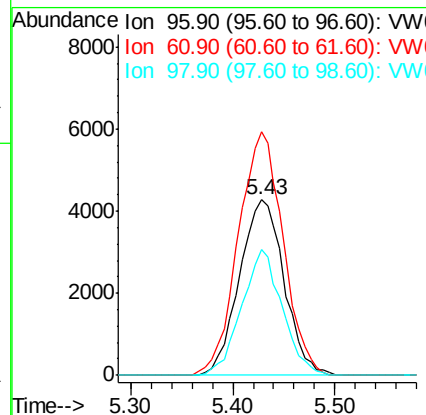
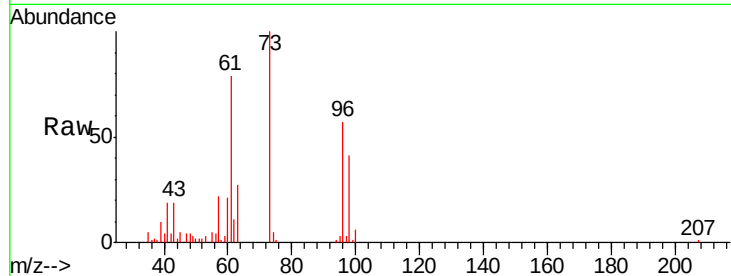
ClientSampleId :

VSTDIC010

Tgt Ion:	96	Resp:	12976
Ion	Ratio	Lower	Upper
96	100		
61	138.7	105.5	158.3
98	71.8	52.6	79.0

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#22

Diisopropyl ether

Concen: 10.072 ug/l

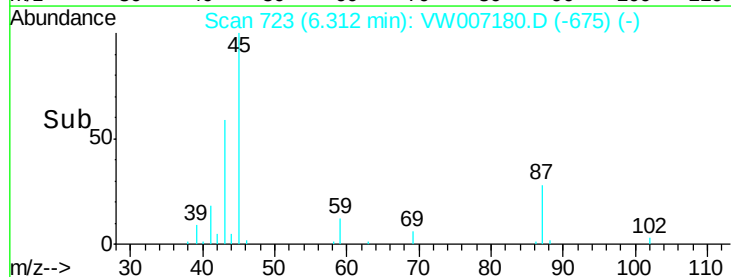
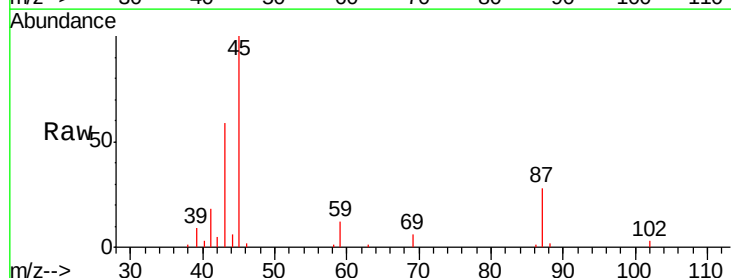
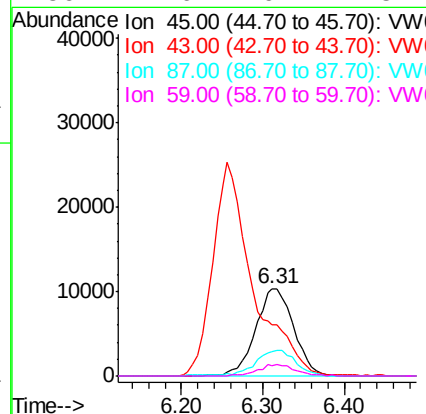
RT: 6.31 min Scan# 723

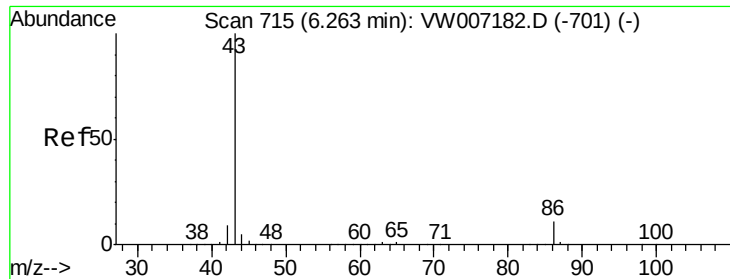
Delta R.T. -0.01 min

Lab File: VW007180.D

Acq: 04 Dec 2018 11:38

Tgt Ion:	45	Resp:	33685
Ion	Ratio	Lower	Upper
45	100		
43	57.9	40.8	61.2
87	27.9	24.0	36.0
59	11.6	9.1	13.7





#23

Vinyl Acetate

Concen: 47.444 ug/l

RT: 6.26 min Scan# 714

Delta R.T. -0.01 min

Lab File: VW007180.D

Acq: 04 Dec 2018 11:38

Instrument :

MSVOA_W

ClientSampled :

VSTDIC010

Tgt Ion: 43 Resp: 86579

Ion Ratio Lower Upper

43 100

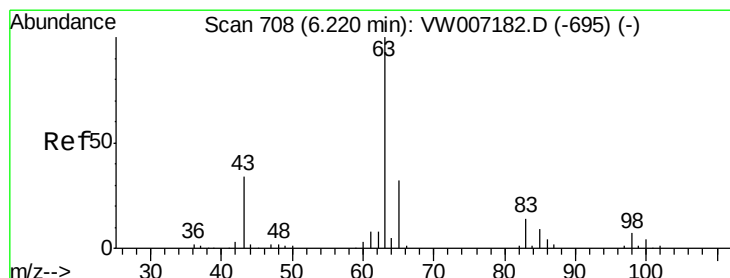
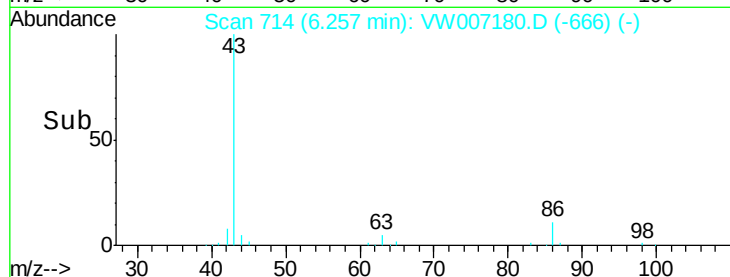
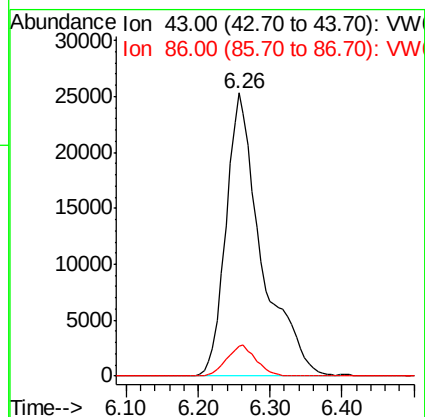
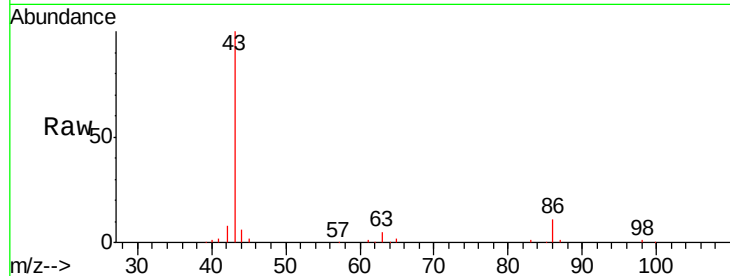
86 10.6 9.0 13.6

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#24

1,1-Dichloroethane

Concen: 9.900 ug/l

RT: 6.22 min Scan# 708

Delta R.T. 0.00 min

Lab File: VW007180.D

Acq: 04 Dec 2018 11:38

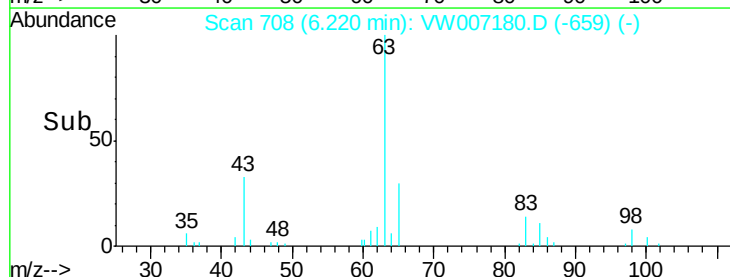
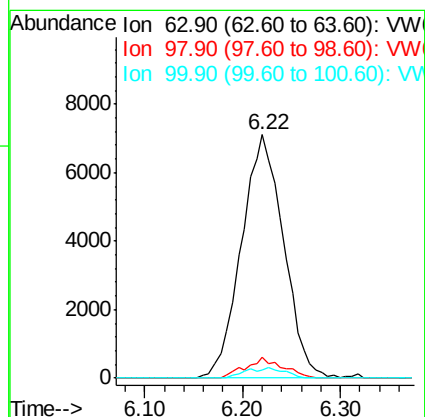
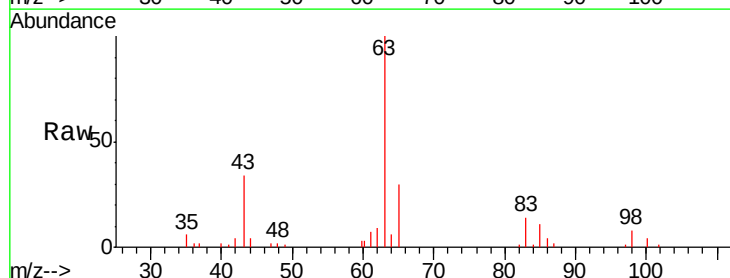
Tgt Ion: 63 Resp: 21221

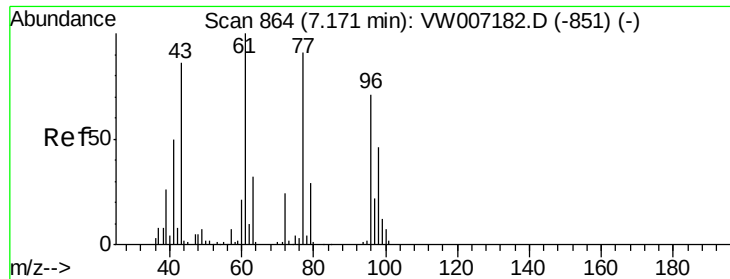
Ion Ratio Lower Upper

63 100

98 8.5 3.5 10.5

100 3.5 2.1 6.2





#25

2-Butanone

Concen: 45.355 ug/l

RT: 7.17 min Scan# 864

Delta R.T. 0.00 min

Lab File: VW007180.D

Acq: 04 Dec 2018 11:38

Instrument :

MSVOA_W

ClientSampled :

VSTDIC010

Tgt Ion: 43 Resp: 14067

Ion Ratio Lower Upper

43 100

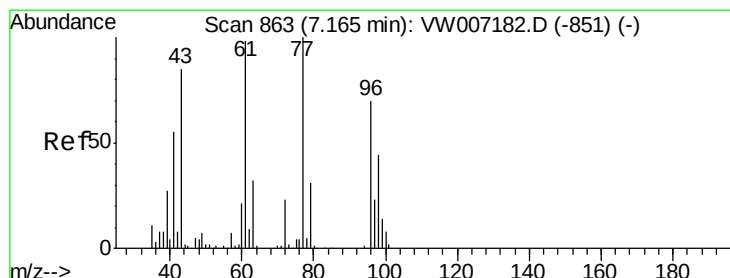
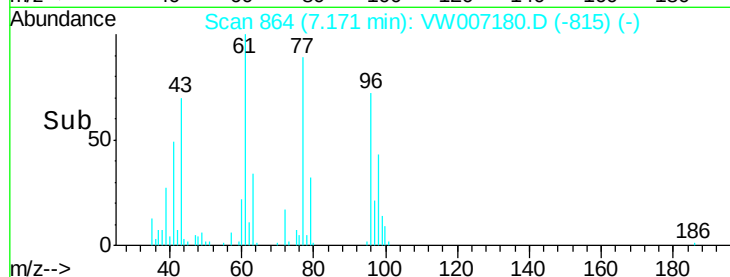
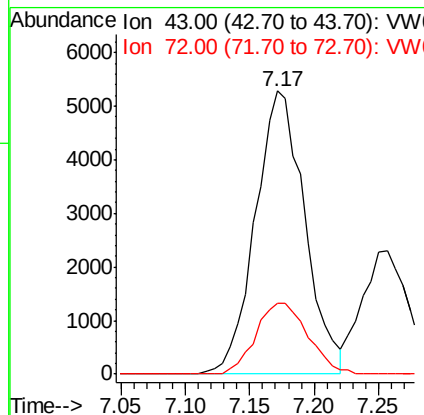
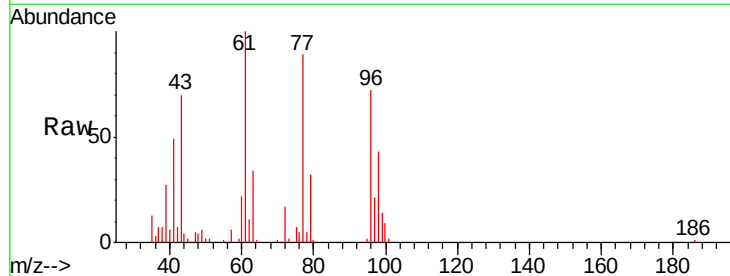
72 24.9 22.8 34.2

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 10.297 ug/l

RT: 7.17 min Scan# 863

Delta R.T. 0.00 min

Lab File: VW007180.D

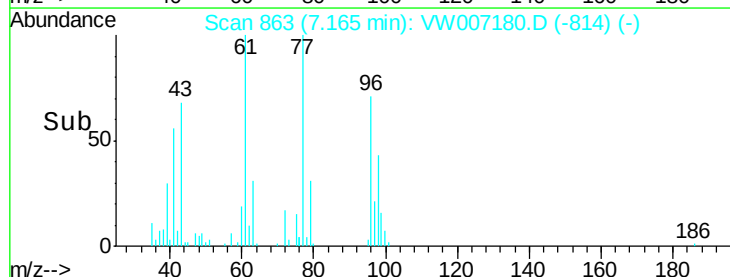
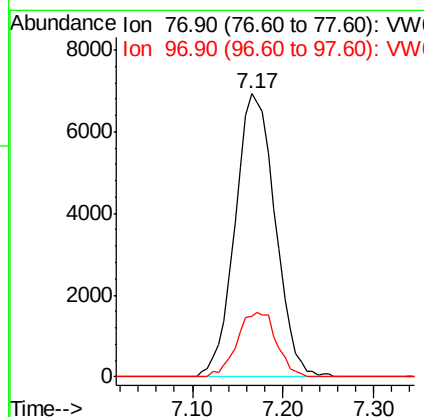
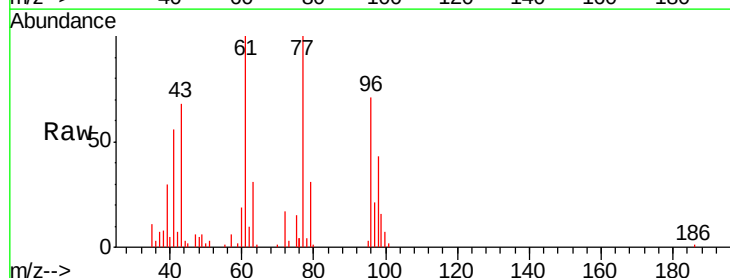
Acq: 04 Dec 2018 11:38

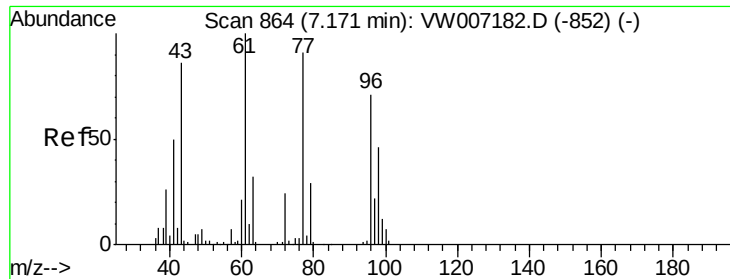
Tgt Ion: 77 Resp: 21212

Ion Ratio Lower Upper

77 100

97 22.3 11.5 34.4





#27

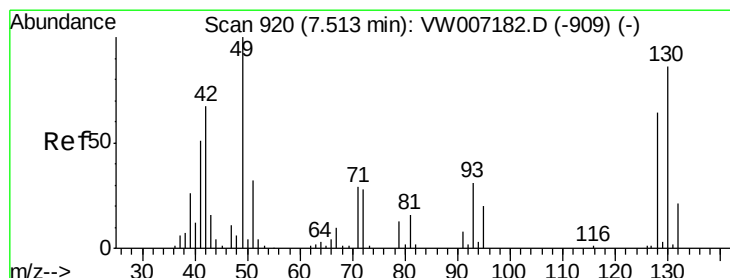
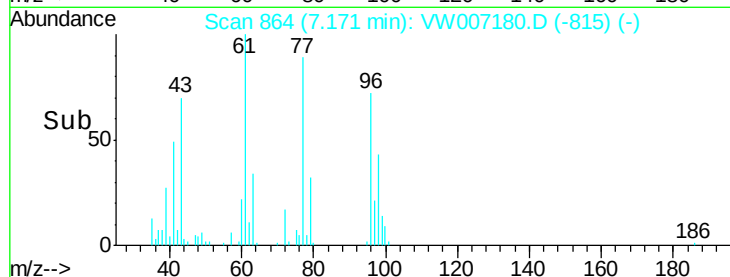
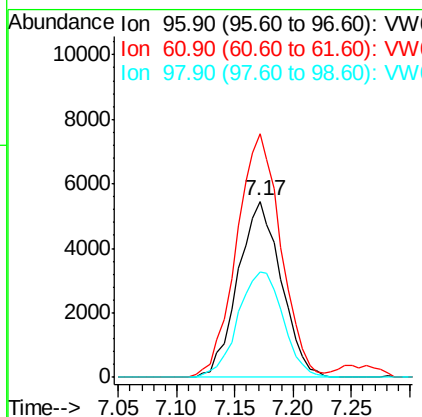
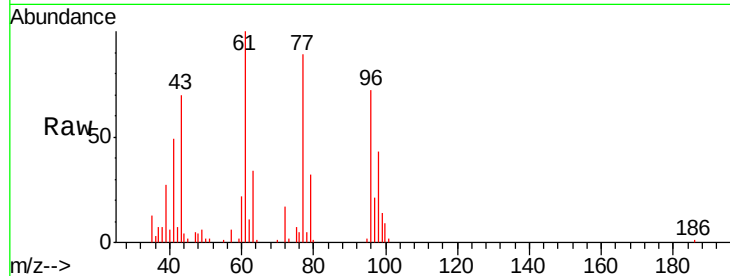
cis-1,2-Dichloroethene
Concen: 10.141 ug/l
RT: 7.17 min Scan# 864
Delta R.T. 0.00 min
Lab File: VW007180.D
Acq: 04 Dec 2018 11:38

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

Tgt Ion	Ratio	Lower	Upper
96	100		
61	141.6	0.0	282.4
98	62.4	0.0	129.8

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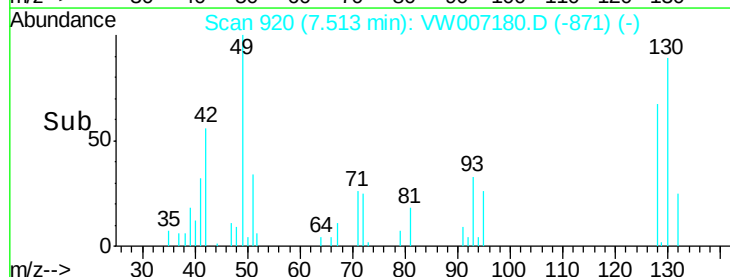
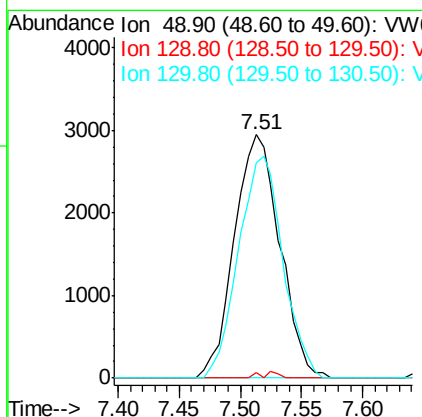
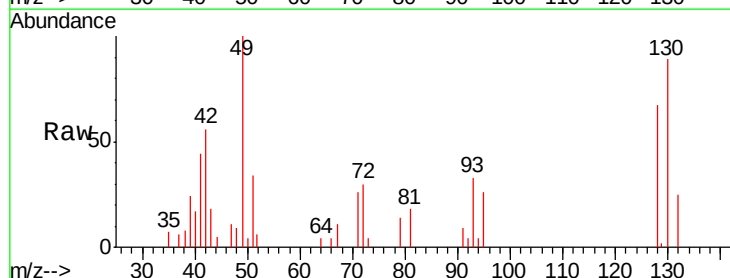
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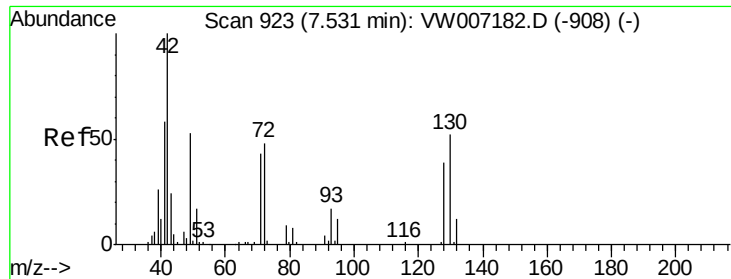


#28

Bromochloromethane
Concen: 9.839 ug/l
RT: 7.51 min Scan# 920
Delta R.T. 0.00 min
Lab File: VW007180.D
Acq: 04 Dec 2018 11:38

Tgt Ion	Ratio	Lower	Upper
49	100		
129	1.0	0.0	3.8
130	89.2	70.3	105.5





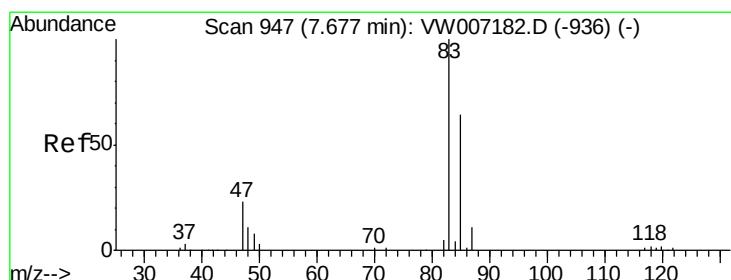
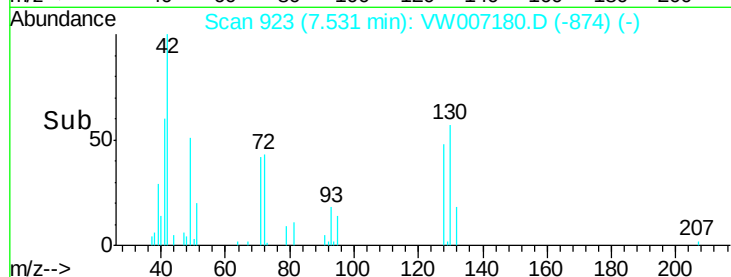
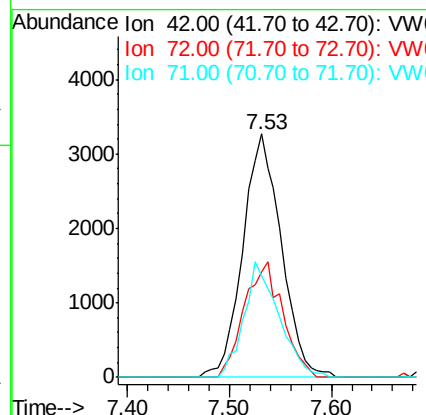
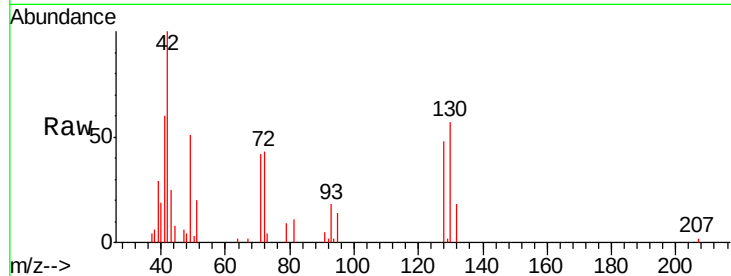
#29
Tetrahydrofuran
Concen: 44.673 ug/l
RT: 7.53 min Scan# 923
Delta R.T. 0.00 min
Lab File: VW007180.D
Acq: 04 Dec 2018 11:38

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

Tgt Ion: 42 Resp: 8562
Ion Ratio Lower Upper
42 100
72 47.4 36.6 55.0
71 43.2 34.8 52.2

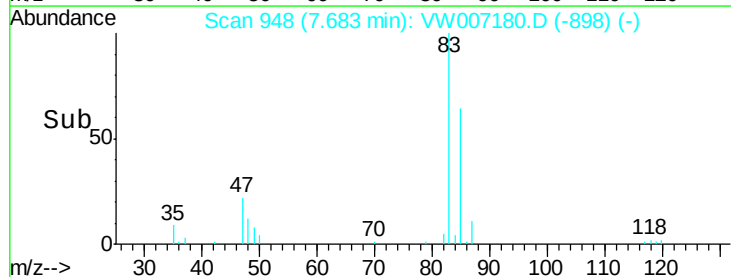
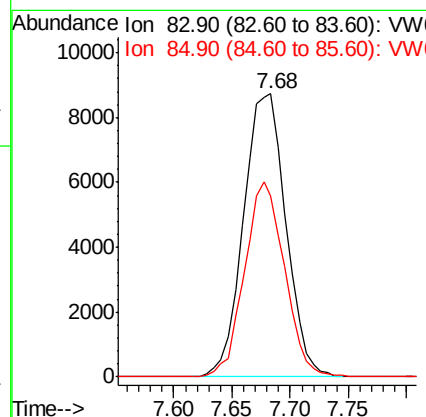
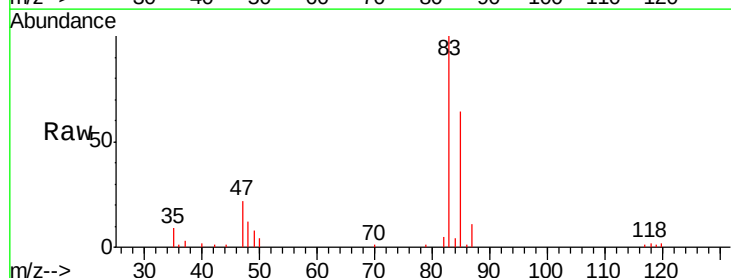
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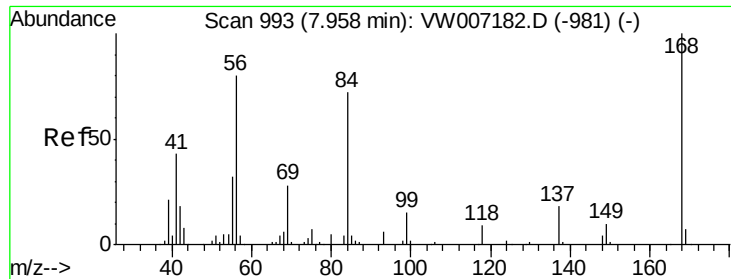
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#30
Chloroform
Concen: 9.921 ug/l
RT: 7.68 min Scan# 948
Delta R.T. 0.01 min
Lab File: VW007180.D
Acq: 04 Dec 2018 11:38

Tgt Ion: 83 Resp: 22102
Ion Ratio Lower Upper
83 100
85 63.8 51.5 77.3





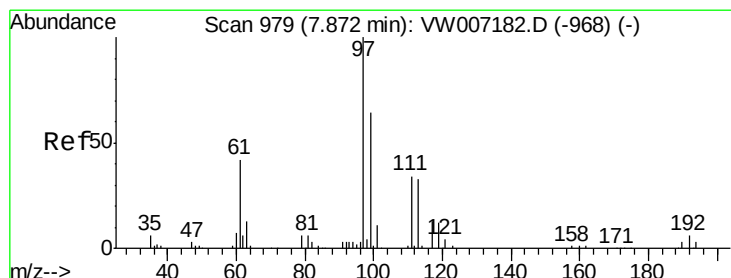
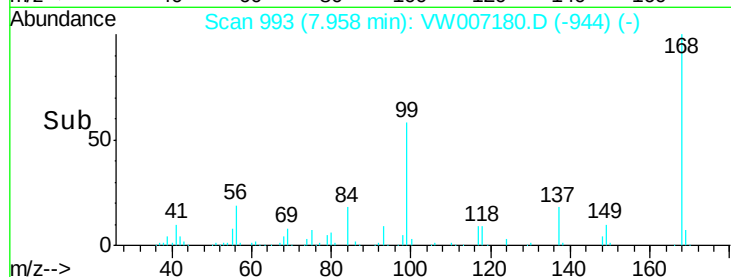
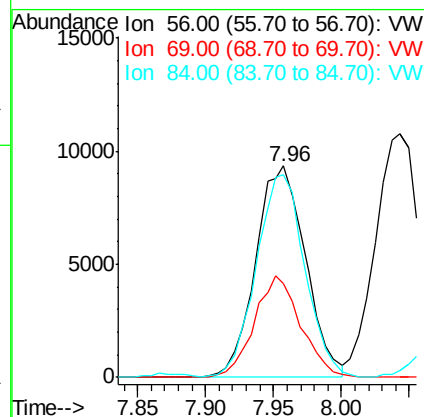
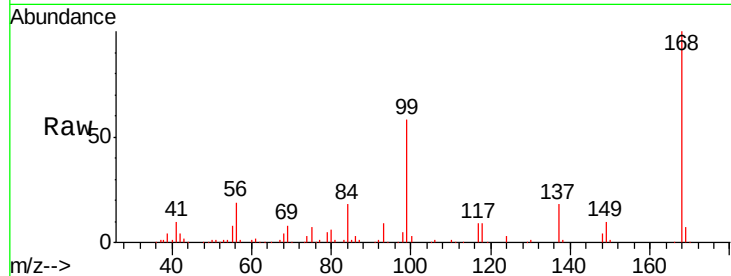
#31
Cyclohexane
Concen: 10.668 ug/l
RT: 7.96 min Scan# 993
Delta R.T. 0.00 min
Lab File: VW007180.D
Acq: 04 Dec 2018 11:38

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

Tgt Ion	Ratio	Lower	Upper
56	100		
69	44.7	28.2	42.2#
84	95.1	72.1	108.1

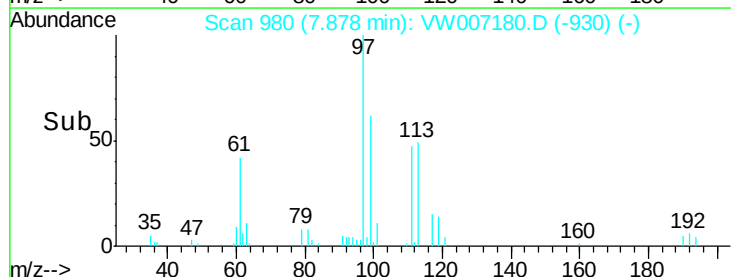
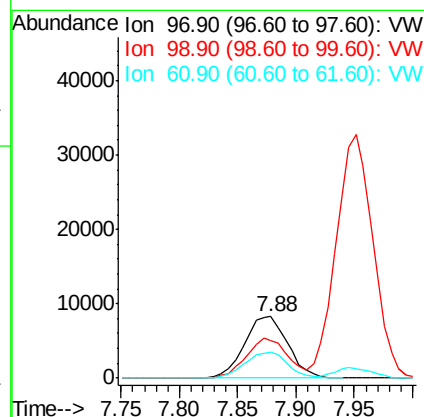
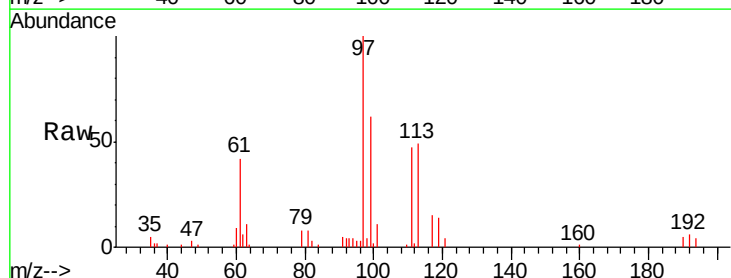
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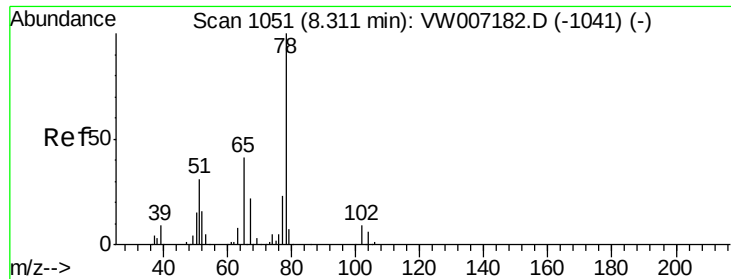
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#32
1,1,1-Trichloroethane
Concen: 10.166 ug/l
RT: 7.88 min Scan# 980
Delta R.T. 0.01 min
Lab File: VW007180.D
Acq: 04 Dec 2018 11:38

Tgt Ion	Ratio	Lower	Upper
97	100		
99	62.9	51.3	76.9
61	42.0	33.2	49.8





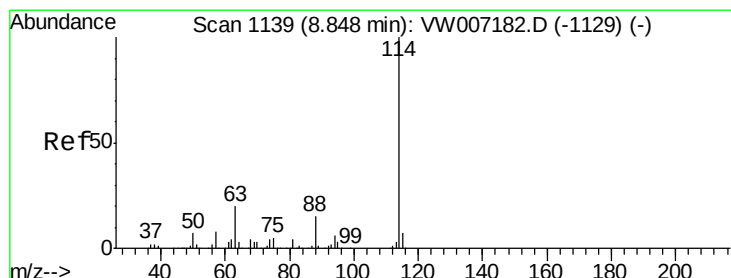
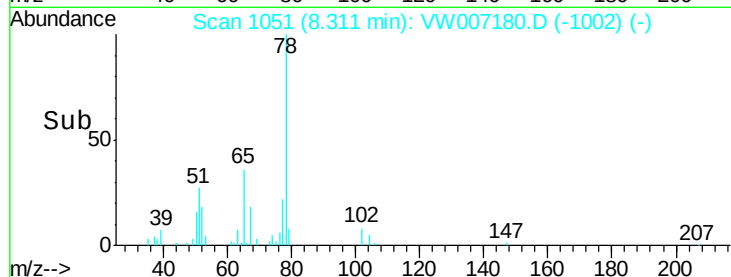
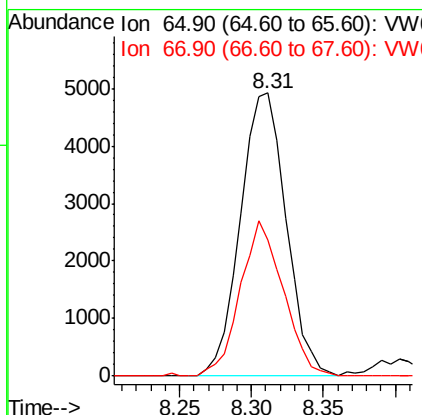
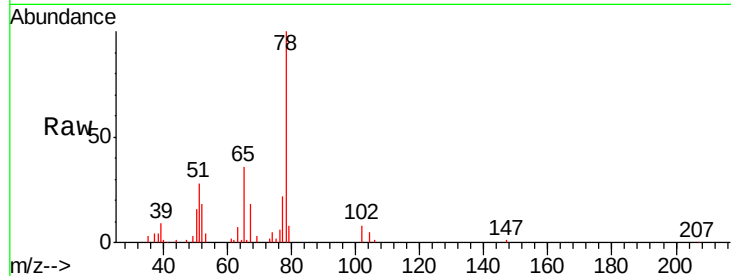
#33
 1,2-Dichloroethane-d4
 Concen: 9.592 ug/l
 RT: 8.31 min Scan# 1051
 Delta R.T. 0.00 min
 Lab File: VW007180.D
 Acq: 04 Dec 2018 11:38

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC010

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	10841		
67	51.6	0.0	106.4	

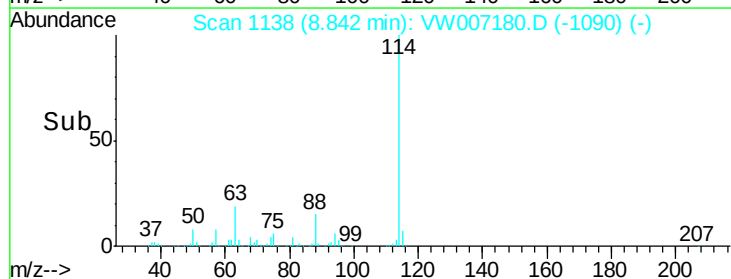
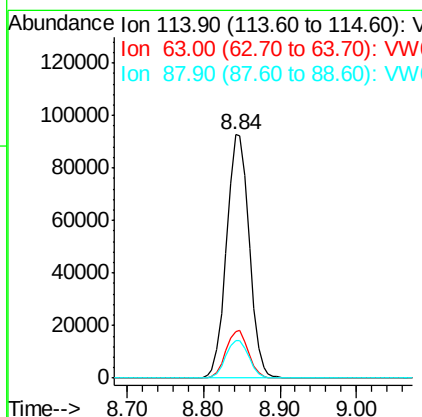
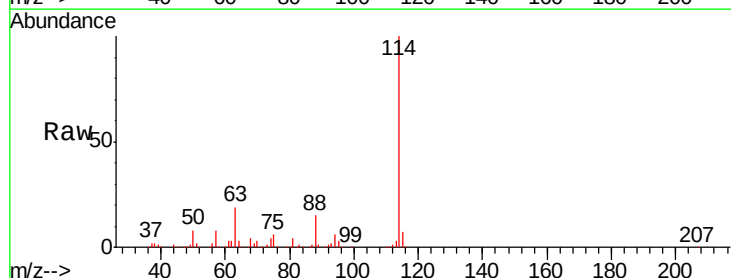
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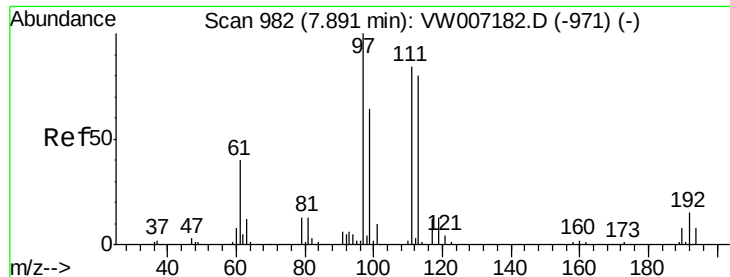
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.01 min
 Lab File: VW007180.D
 Acq: 04 Dec 2018 11:38

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	190098		
63	19.3	0.0	40.2	
88	15.5	0.0	30.0	





#35

Dibromofluoromethane

Concen: 9.561 ug/l

RT: 7.88 min Scan# 981

Delta R.T. -0.01 min

Lab File: VW007180.D

Acq: 04 Dec 2018 11:38

Instrument :

MSVOA_W

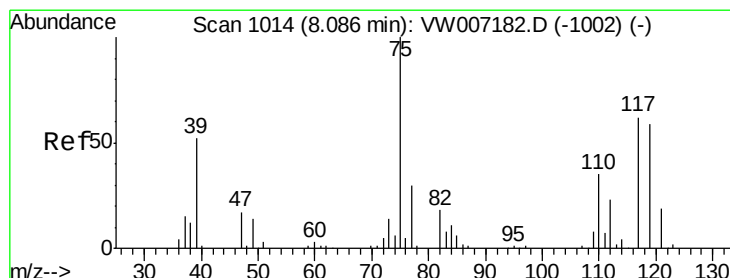
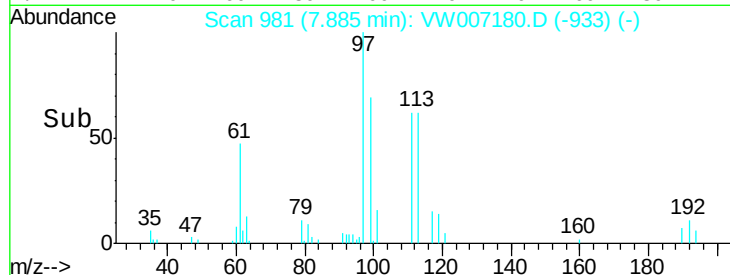
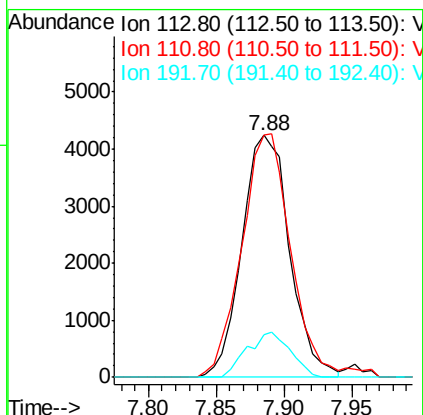
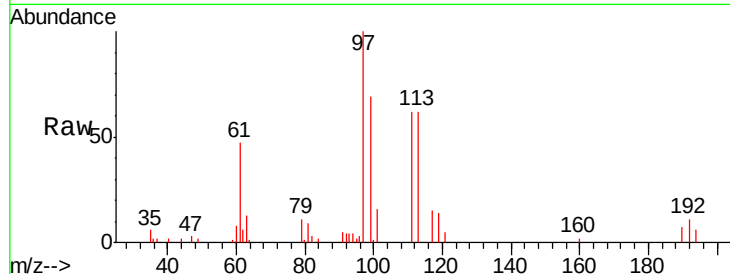
ClientSampleId :

VSTDIC010

Tgt Ion:	113	Resp:	10407
Ion	Ratio	Lower	Upper
113	100		
111	104.7	82.2	123.4
192	17.0	14.4	21.6

Manual Integrations
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#36

1,1-Dichloropropene

Concen: 10.024 ug/l

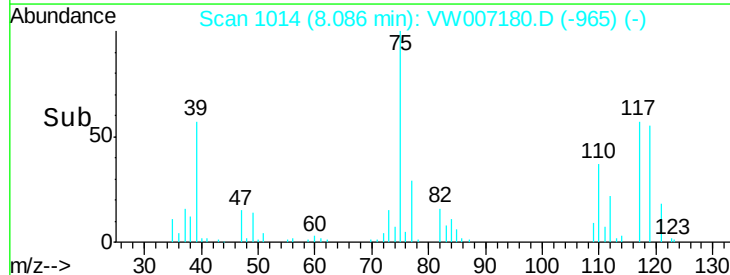
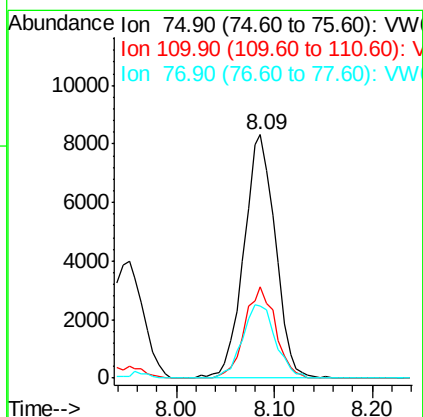
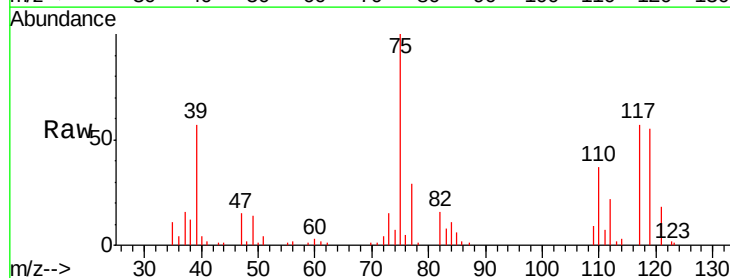
RT: 8.09 min Scan# 1014

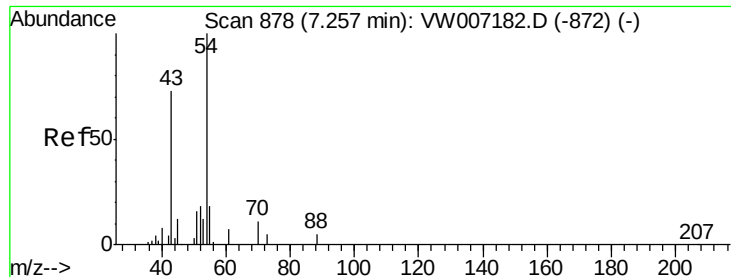
Delta R.T. 0.00 min

Lab File: VW007180.D

Acq: 04 Dec 2018 11:38

Tgt Ion:	75	Resp:	18541
Ion	Ratio	Lower	Upper
75	100		
110	36.5	18.3	54.9
77	31.7	24.9	37.3





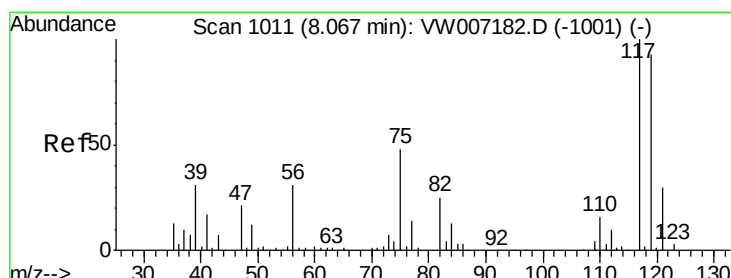
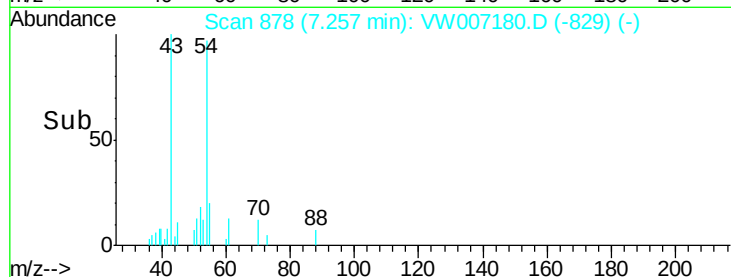
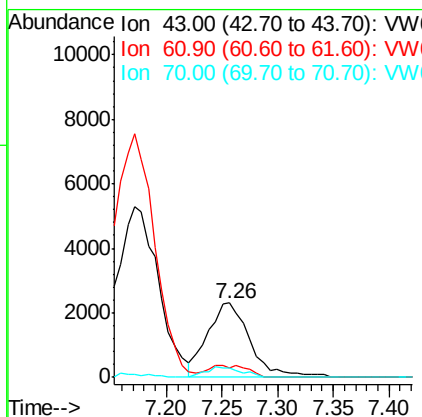
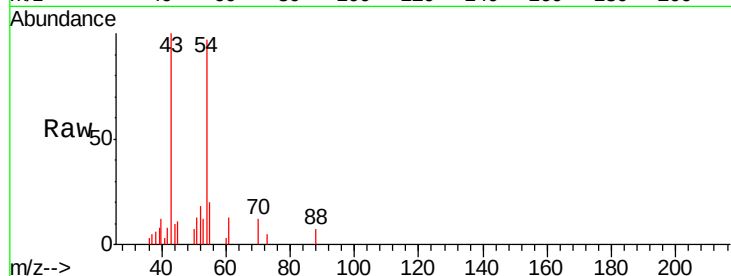
#37
Ethyl Acetate
Concen: 9.162 ug/l
RT: 7.26 min Scan# 878
Delta R.T. 0.00 min
Lab File: VW007180.D
Acq: 04 Dec 2018 11:38

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

Tgt Ion	Ratio	Lower	Upper
43	100		
61	15.3	12.1	18.1
70	11.7	9.1	13.7

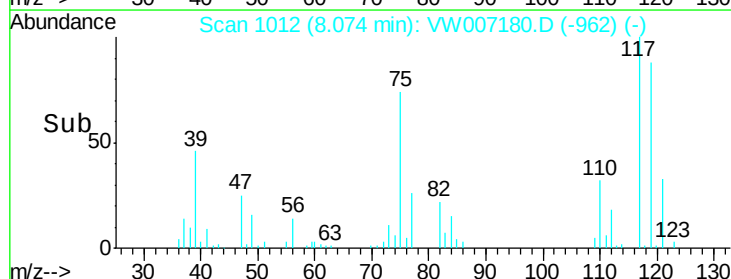
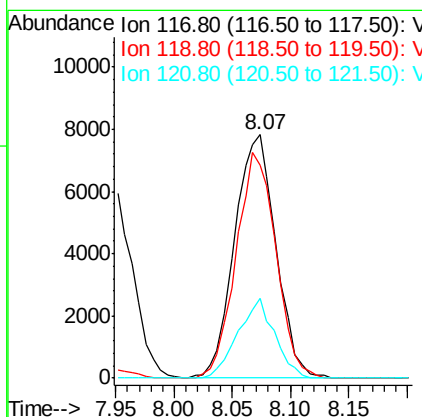
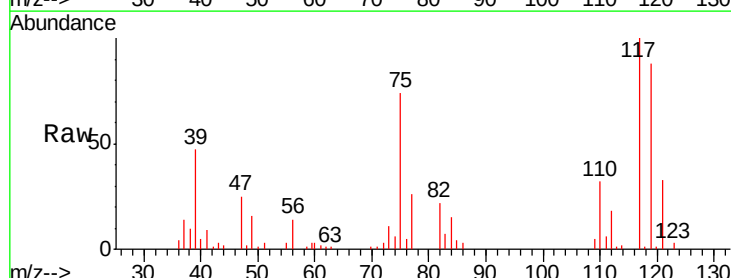
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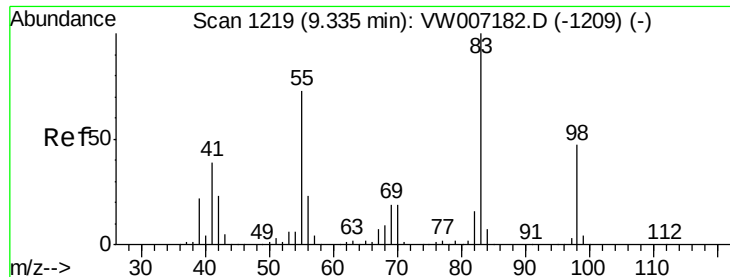
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#38
Carbon Tetrachloride
Concen: 10.252 ug/l
RT: 8.07 min Scan# 1012
Delta R.T. 0.01 min
Lab File: VW007180.D
Acq: 04 Dec 2018 11:38

Tgt Ion	Ratio	Lower	Upper
117	100		
119	87.7	74.1	111.1
121	32.8	23.9	35.9





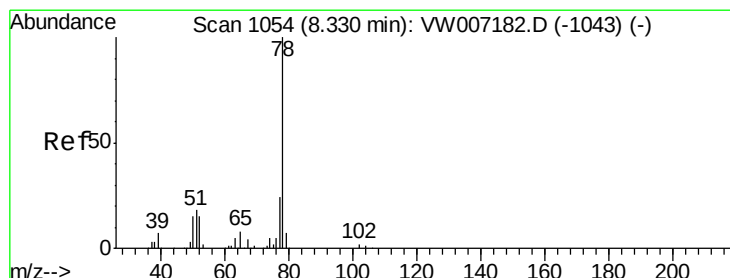
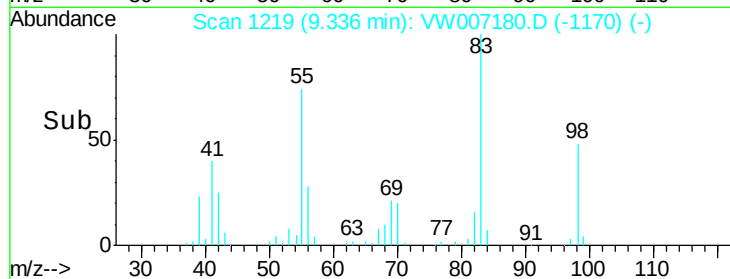
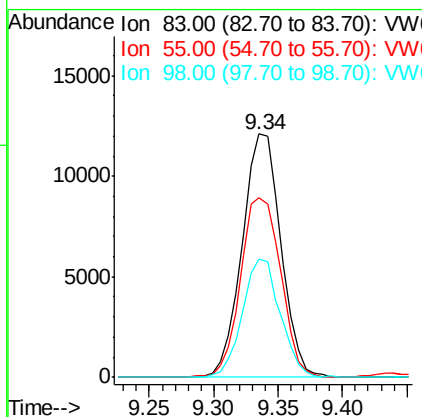
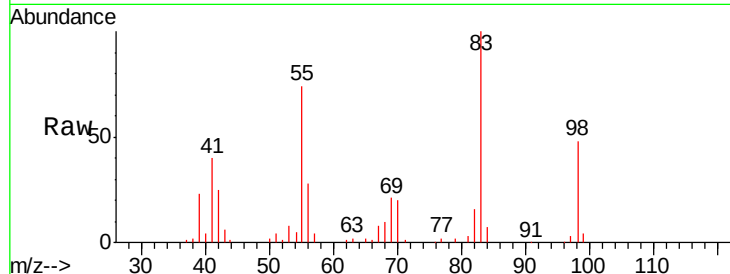
#39
Methylcyclohexane
Concen: 10.153 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. 0.00 min
Lab File: VW007180.D
Acq: 04 Dec 2018 11:38

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

Tgt Ion	Ratio	Lower	Upper
83	100		
55	73.8	58.1	87.1
98	48.3	37.3	55.9

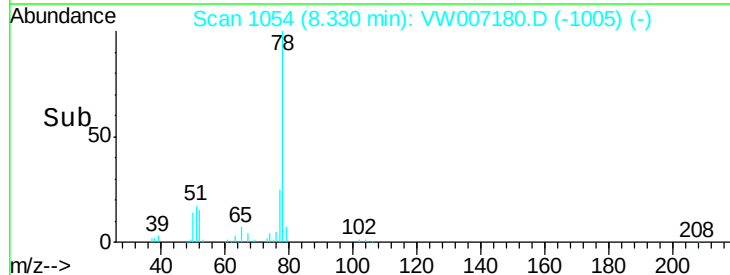
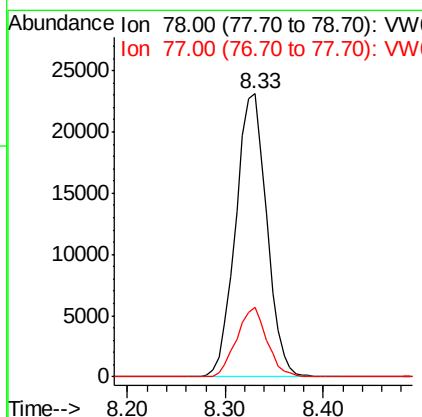
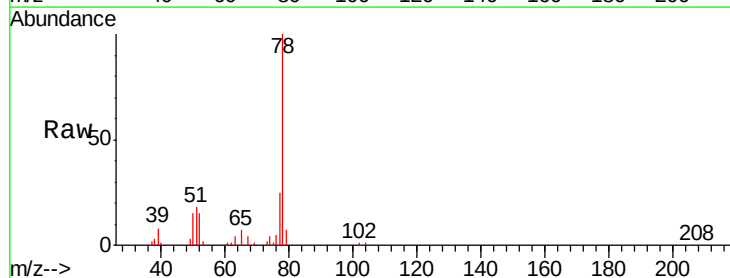
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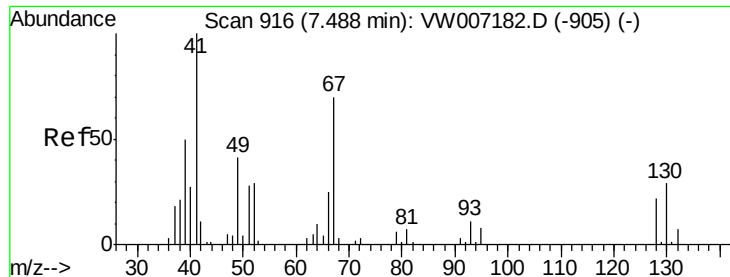
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#40
Benzene
Concen: 10.094 ug/l
RT: 8.33 min Scan# 1054
Delta R.T. 0.00 min
Lab File: VW007180.D
Acq: 04 Dec 2018 11:38

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.6	18.9	28.3





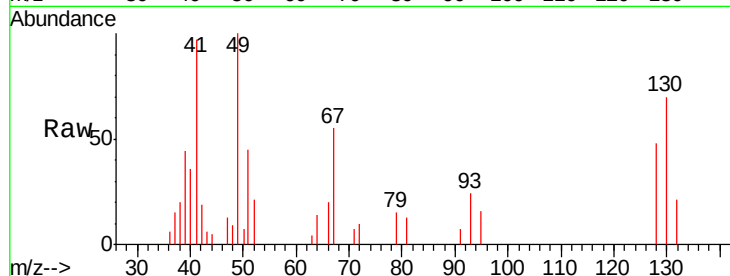
#41
Methacrylonitrile
Concen: 10.505 ug/l
RT: 7.49 min Scan# 917
Delta R.T. 0.01 min
Lab File: VW007180.D
Acq: 04 Dec 2018 11:38

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

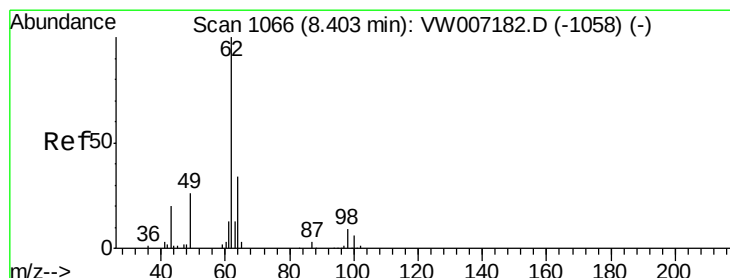
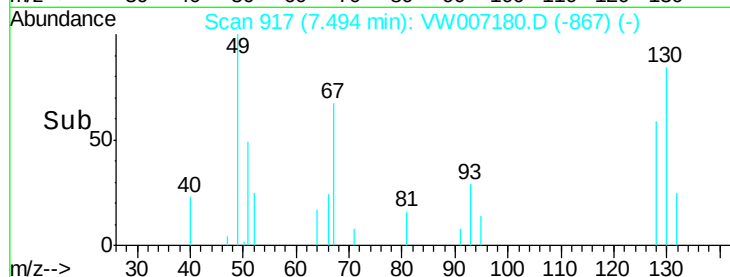
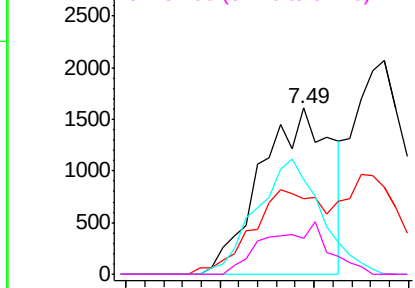
Tgt Ion	Ratio	Lower	Upper
41	100		
39	49.2	43.4	65.0
67	63.3	57.4	86.0
52	27.0	23.3	34.9

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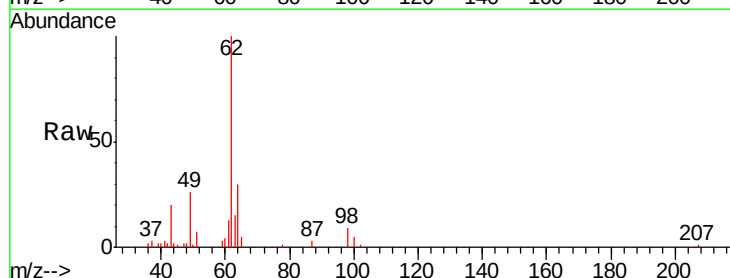


Abundance Ion 41.00 (40.70 to 41.70): VW
Ion 39.00 (38.70 to 39.70): VW
Ion 67.00 (66.70 to 67.70): VW
Ion 52.00 (51.70 to 52.70): VW

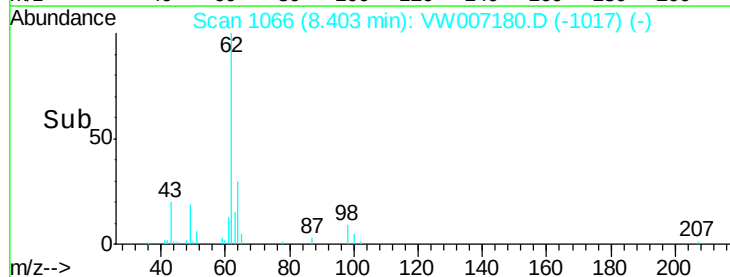
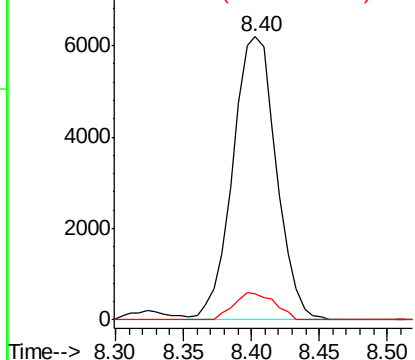


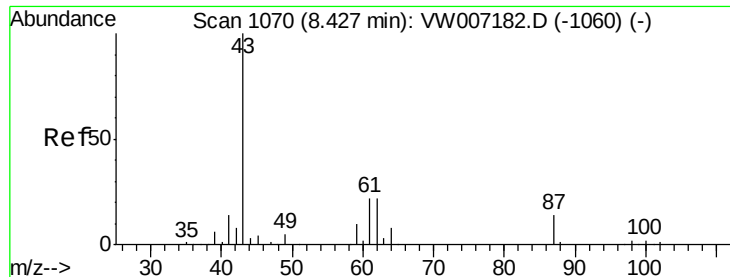
#42
1,2-Dichloroethane
Concen: 9.769 ug/l
RT: 8.40 min Scan# 1066
Delta R.T. 0.00 min
Lab File: VW007180.D
Acq: 04 Dec 2018 11:38

Tgt Ion	Ratio	Lower	Upper
62	100		
98	8.9	0.0	17.8



Abundance Ion 61.90 (61.60 to 62.60): VW
Ion 97.90 (97.60 to 98.60): VW





#43

Isopropyl Acetate

Concen: 8.840 ug/l

RT: 8.42 min Scan# 1069

Delta R.T. -0.01 min

Lab File: VW007180.D

Acq: 04 Dec 2018 11:38

Instrument :

MSVOA_W

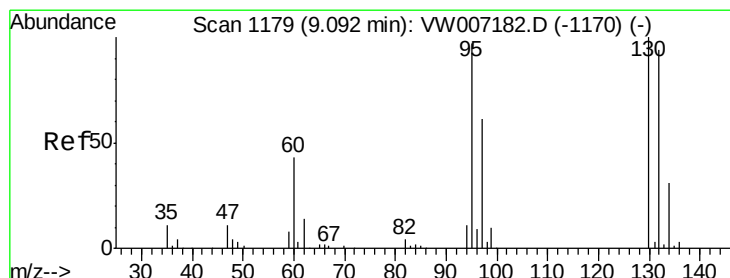
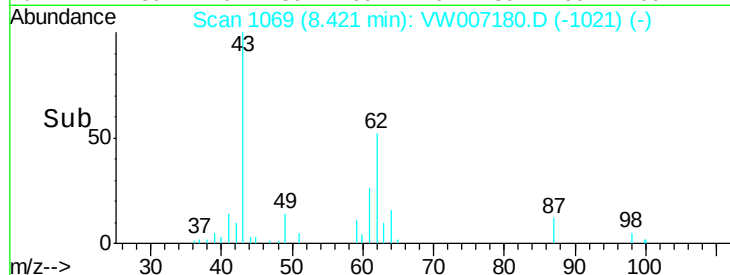
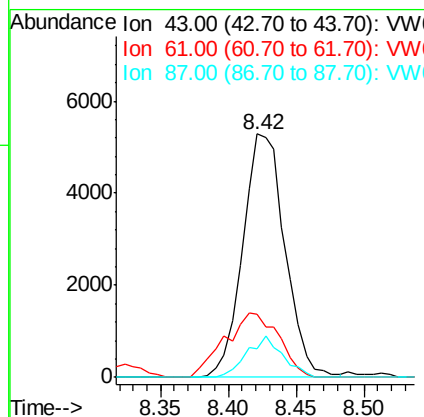
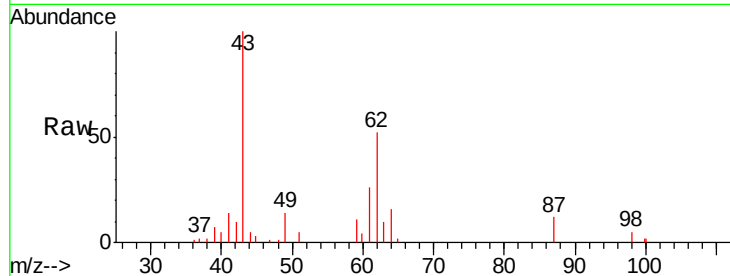
ClientSampleId :

VSTDIC010

Tgt Ion:	43	Resp:	11488
Ion Ratio	Lower	Upper	
43	100		
61	33.6	25.4	38.0
87	14.4	11.4	17.0

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#44

Trichloroethene

Concen: 10.005 ug/l

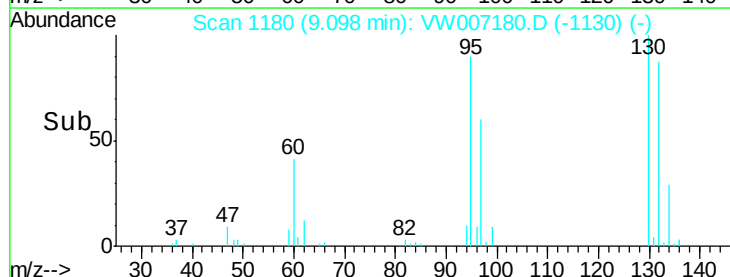
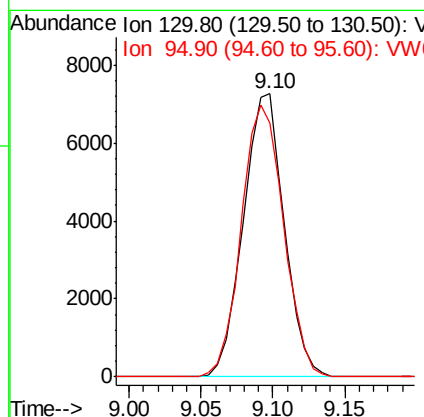
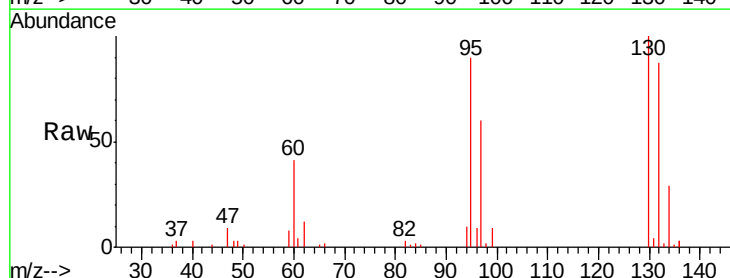
RT: 9.10 min Scan# 1180

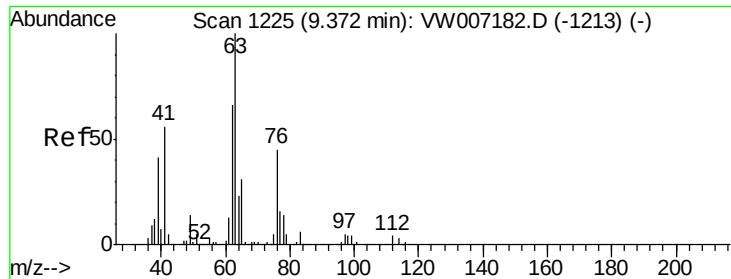
Delta R.T. 0.01 min

Lab File: VW007180.D

Acq: 04 Dec 2018 11:38

Tgt Ion:	130	Resp:	14264
Ion Ratio	Lower	Upper	
130	100		
95	89.7	0.0	194.0





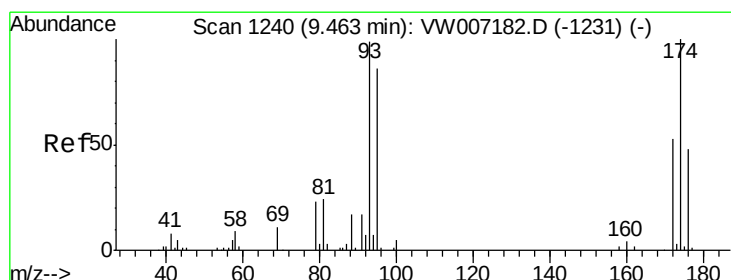
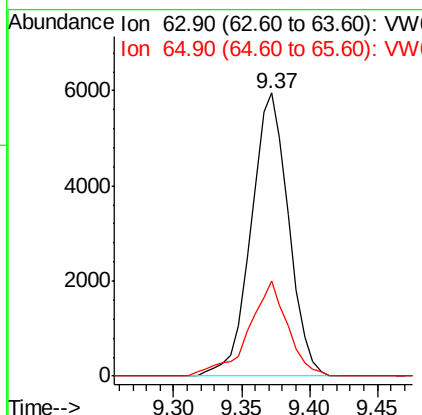
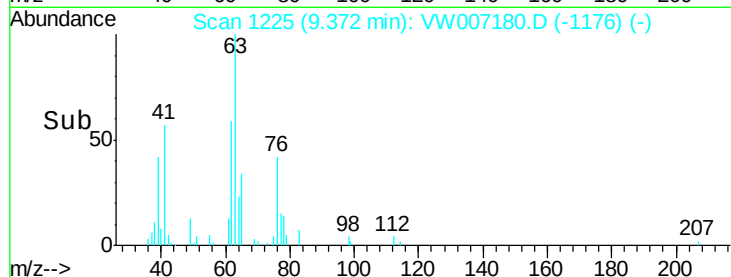
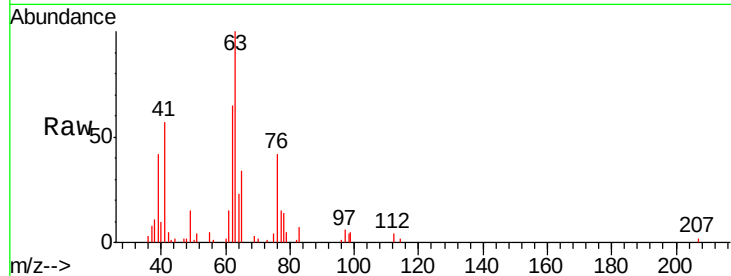
#45
 1,2-Dichloropropane
 Concen: 9.726 ug/l
 RT: 9.37 min Scan# 1225
 Delta R.T. 0.00 min
 Lab File: VW007180.D
 Acq: 04 Dec 2018 11:38

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC010

Tgt Ion: 63 Resp: 11480
 Ion Ratio Lower Upper
 63 100
 65 33.6 25.0 37.4

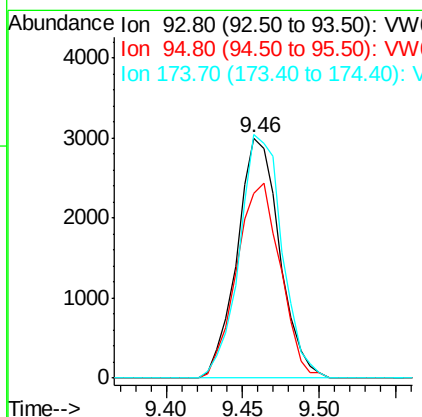
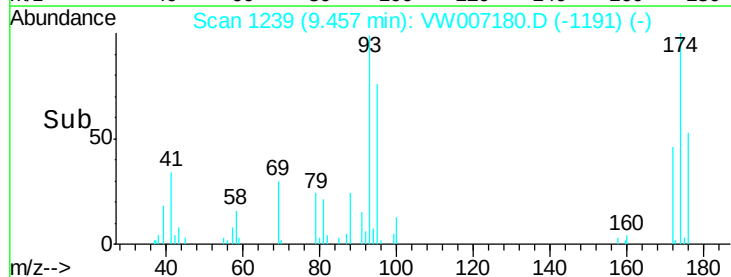
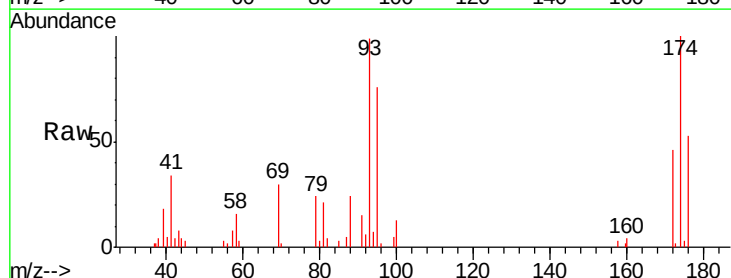
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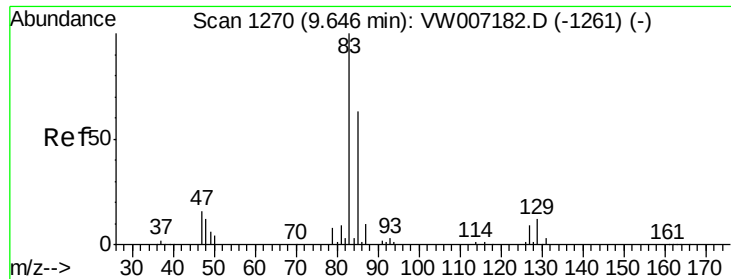
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#46
 Dibromomethane
 Concen: 9.442 ug/l
 RT: 9.46 min Scan# 1239
 Delta R.T. -0.01 min
 Lab File: VW007180.D
 Acq: 04 Dec 2018 11:38

Tgt Ion: 93 Resp: 5791
 Ion Ratio Lower Upper
 93 100
 95 83.7 68.7 103.1
 174 101.8 82.9 124.3





#47

Bromodichloromethane

Concen: 10.059 ug/l

RT: 9.65 min Scan# 1270

Delta R.T. 0.00 min

Lab File: VW007180.D

Acq: 04 Dec 2018 11:38

Instrument :

MSVOA_W

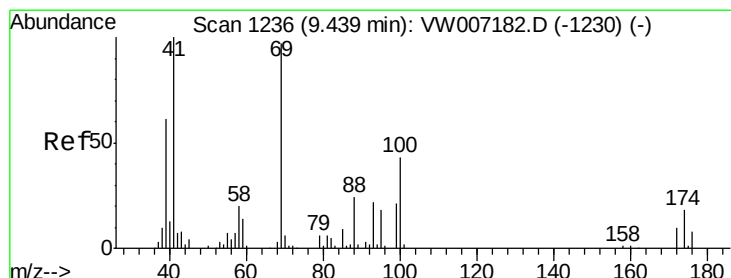
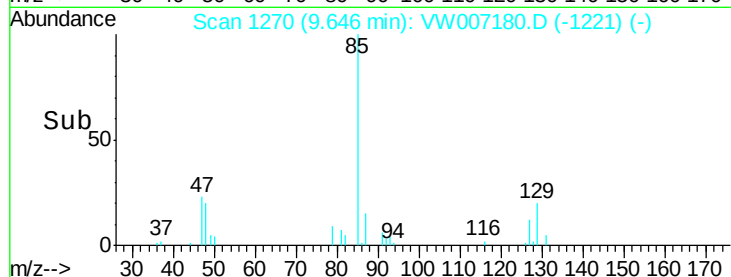
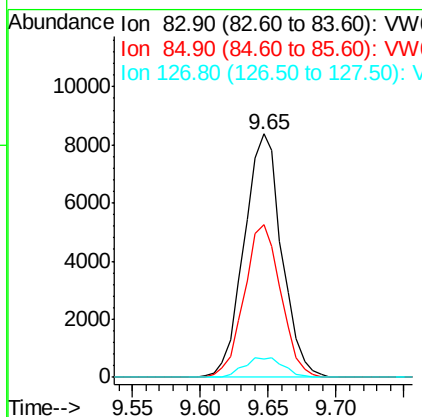
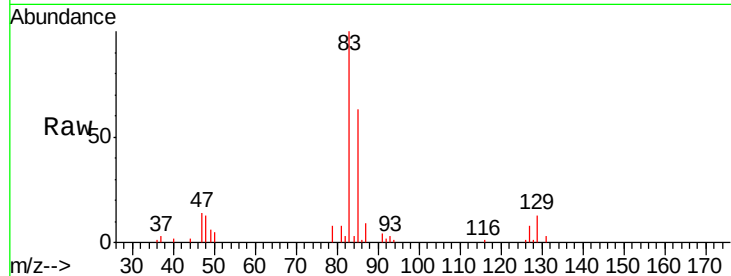
ClientSampled :

VSTDIC010

Tgt Ion:	83	Resp:	16228
Ion	Ratio	Lower	Upper
83	100		
85	62.6	50.6	76.0
127	7.8	7.3	10.9

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#48

Methyl methacrylate

Concen: 9.636 ug/l

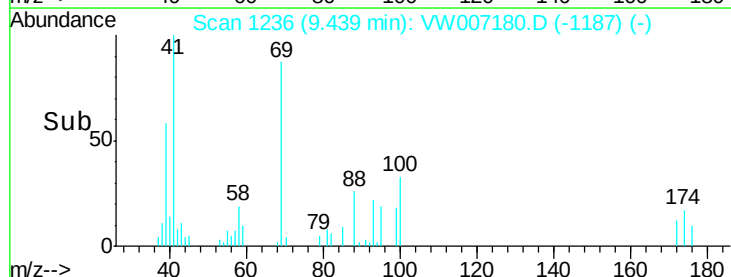
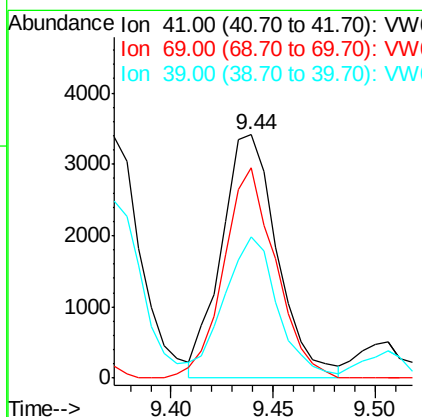
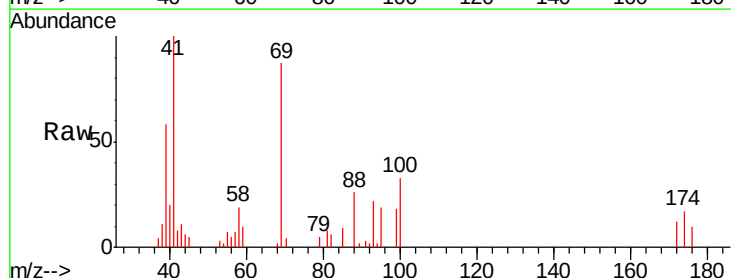
RT: 9.44 min Scan# 1236

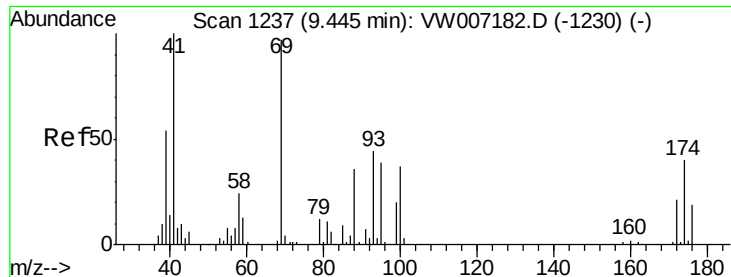
Delta R.T. 0.00 min

Lab File: VW007180.D

Acq: 04 Dec 2018 11:38

Tgt Ion:	41	Resp:	6499
Ion	Ratio	Lower	Upper
41	100		
69	80.1	69.6	104.4
39	52.0	42.4	63.6





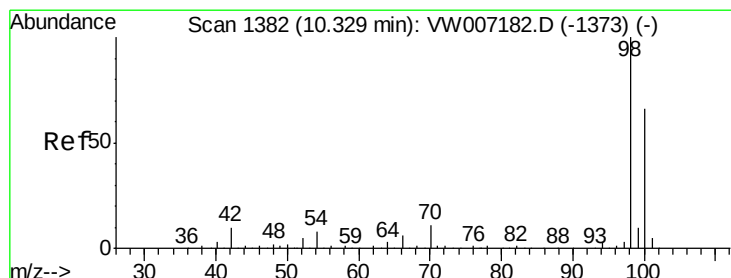
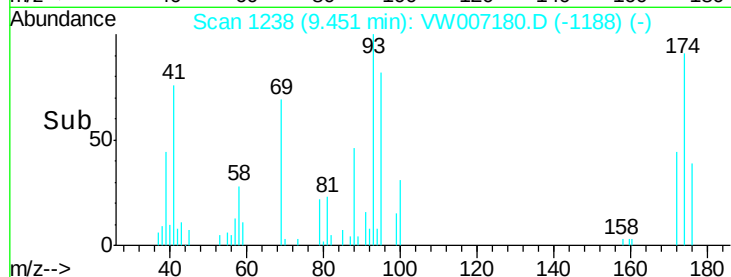
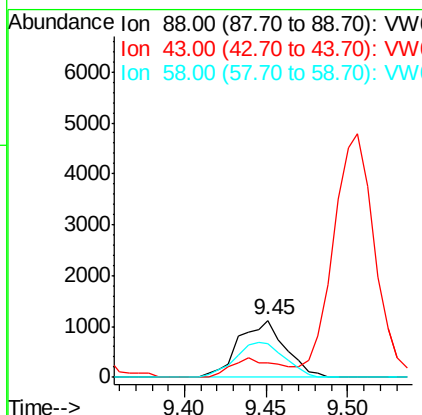
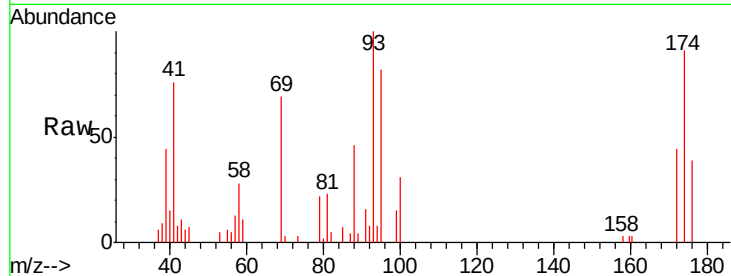
#49
1,4-Dioxane
Concen: 207.016 ug/l
RT: 9.45 min Scan# 1238
Delta R.T. 0.01 min
Lab File: VW007180.D
Acq: 04 Dec 2018 11:38

Instrument :
MSVOA_W
ClientSampled :
VSTDIC010

Tgt Ion	Ratio	Lower	Upper
88	100		
43	32.4	25.8	38.8
58	65.4	58.9	88.3

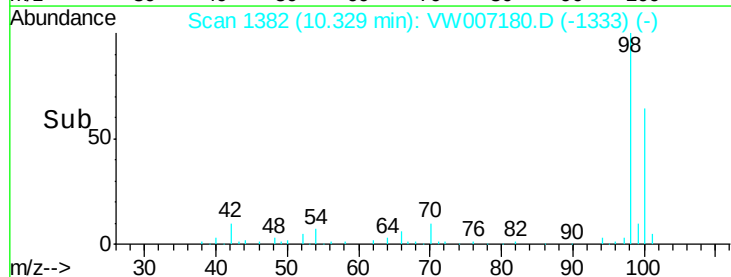
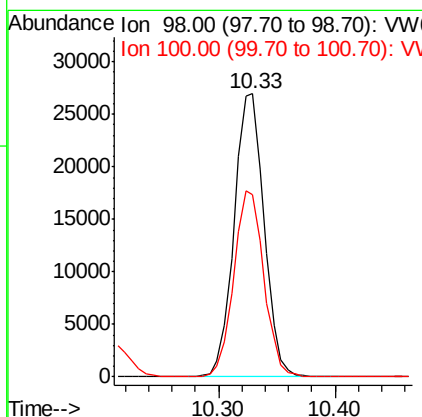
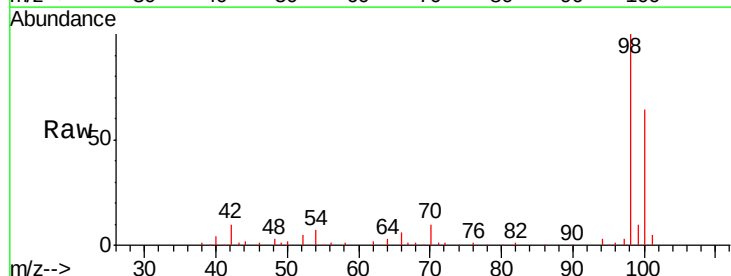
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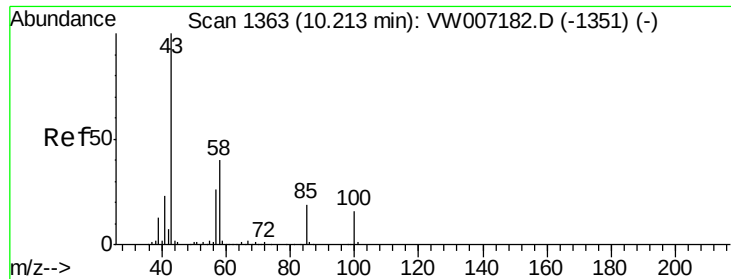
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#50
Toluene-d8
Concen: 10.083 ug/l
RT: 10.33 min Scan# 1382
Delta R.T. 0.00 min
Lab File: VW007180.D
Acq: 04 Dec 2018 11:38

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.9	52.7	79.1





#51

4-Methyl-2-Pentanone

Concen: 44.275 ug/l

RT: 10.21 min Scan# 1363

Delta R.T. 0.00 min

Lab File: VW007180.D

Acq: 04 Dec 2018 11:38

Instrument :

MSVOA_W

ClientSampled :

VSTDIC010

Tgt Ion: 43 Resp: 28353

Ion Ratio Lower Upper

43 100

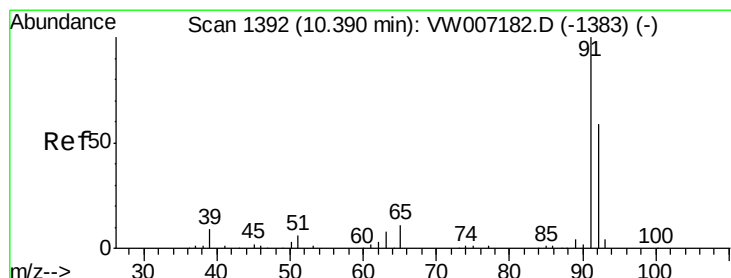
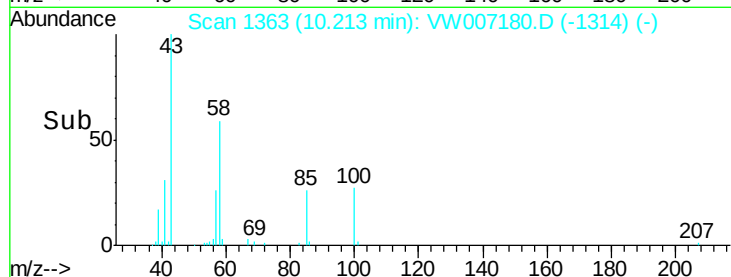
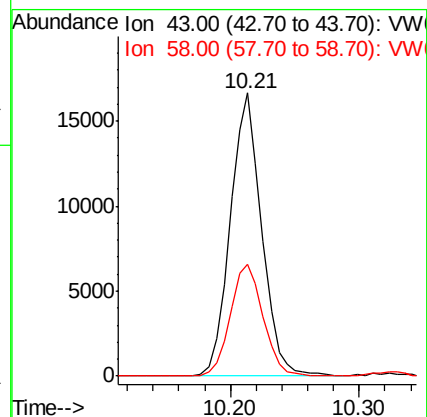
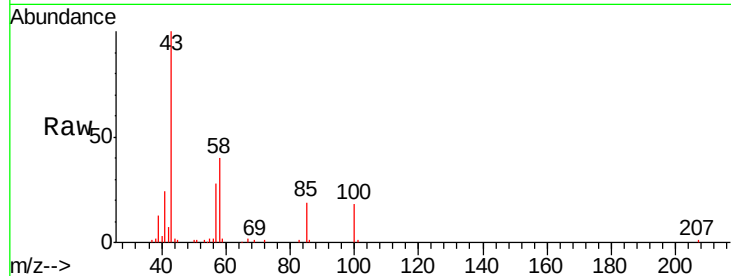
58 41.0 32.3 48.5

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#52

Toluene

Concen: 10.386 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. 0.00 min

Lab File: VW007180.D

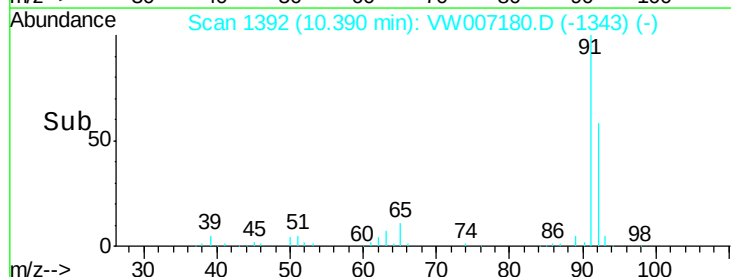
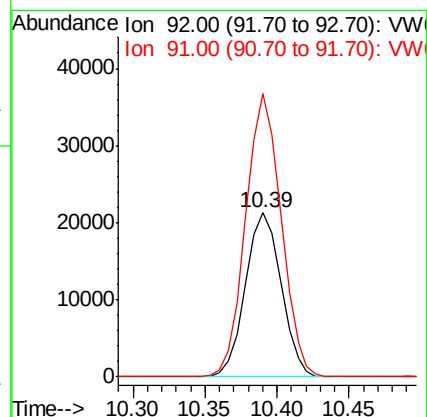
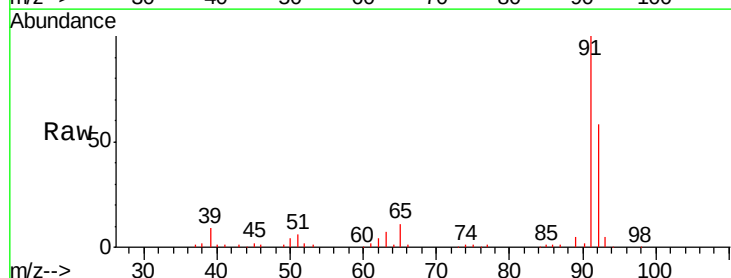
Acq: 04 Dec 2018 11:38

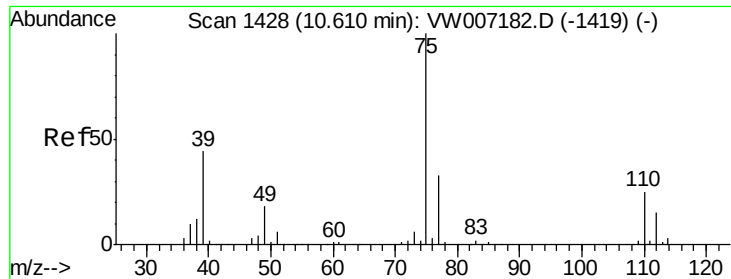
Tgt Ion: 92 Resp: 36643

Ion Ratio Lower Upper

92 100

91 171.5 136.0 204.0





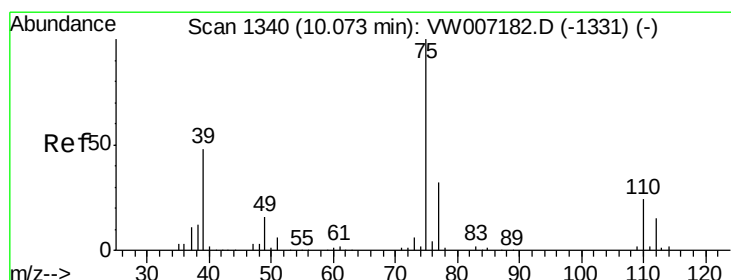
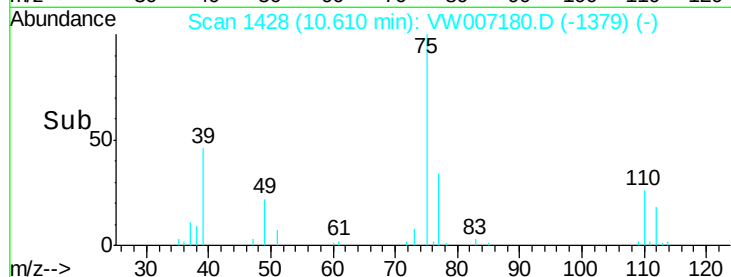
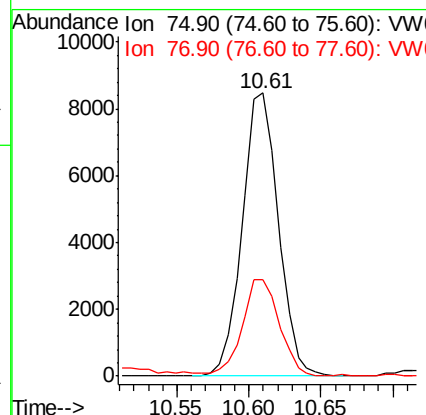
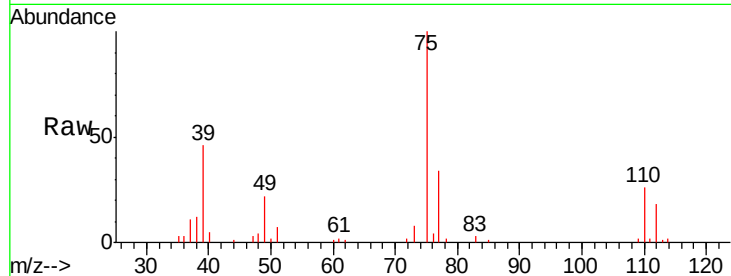
#53
 t-1,3-Dichloropropene
 Concen: 9.062 ug/l
 RT: 10.61 min Scan# 1428
 Delta R.T. 0.00 min
 Lab File: VW007180.D
 Acq: 04 Dec 2018 11:38

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC010

Tgt Ion: 75 Resp: 14698
 Ion Ratio Lower Upper
 75 100
 77 33.7 26.2 39.2

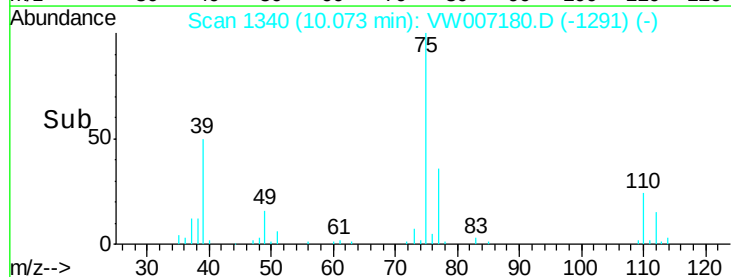
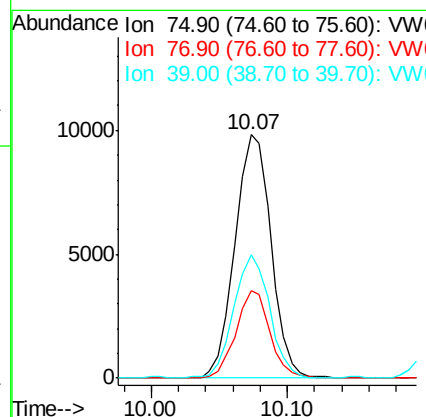
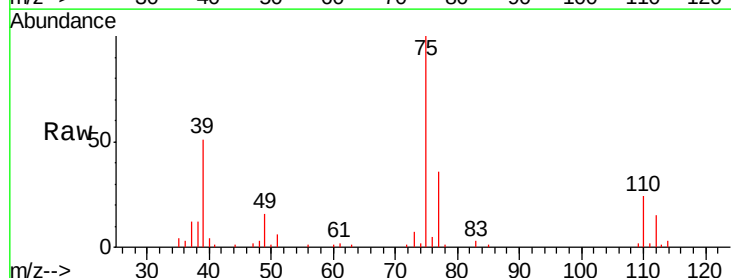
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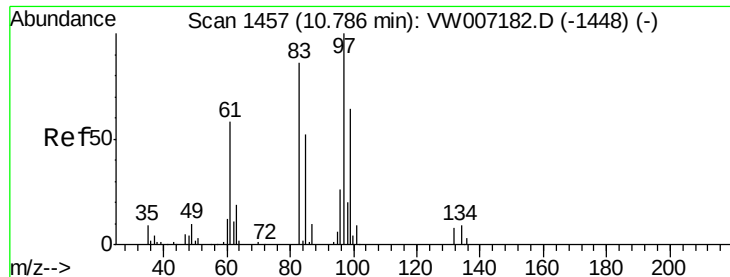
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#54
 cis-1,3-Dichloropropene
 Concen: 9.551 ug/l
 RT: 10.07 min Scan# 1340
 Delta R.T. 0.00 min
 Lab File: VW007180.D
 Acq: 04 Dec 2018 11:38

Tgt Ion: 75 Resp: 18156
 Ion Ratio Lower Upper
 75 100
 77 36.2 26.0 39.0
 39 50.8 38.0 57.0





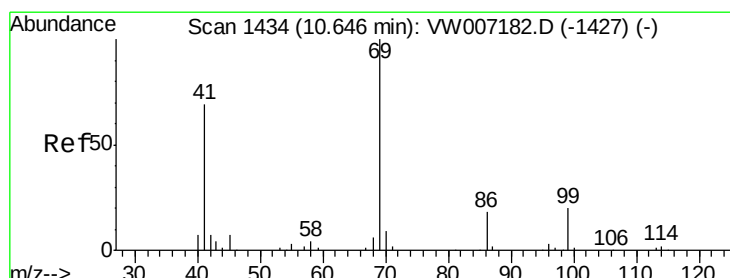
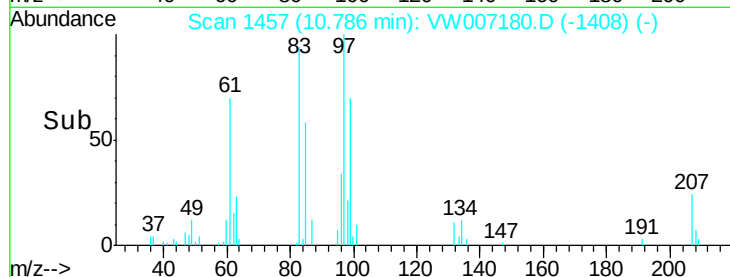
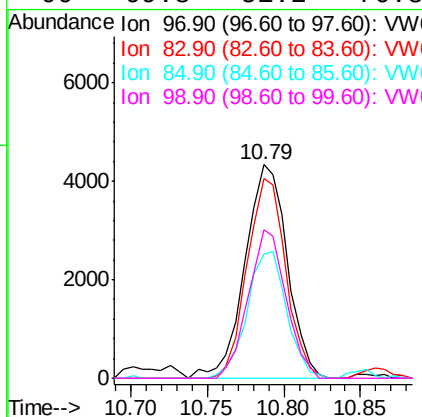
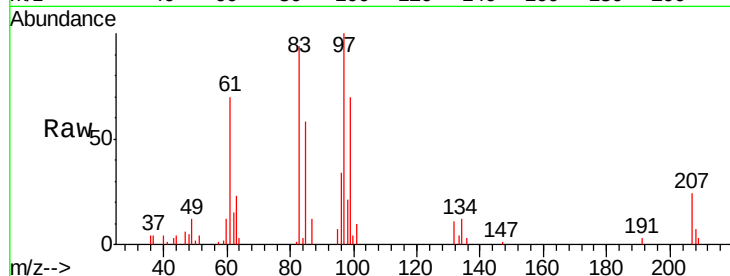
#55
 1,1,2-Trichloroethane
 Concen: 9.563 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. 0.00 min
 Lab File: VW007180.D
 Acq: 04 Dec 2018 11:38

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC010

Tgt Ion:	97	Resp:	8343
Ion	Ratio	Lower	Upper
97	100		
83	93.6	68.6	102.8
85	57.9	41.4	62.2
99	69.8	51.2	76.8

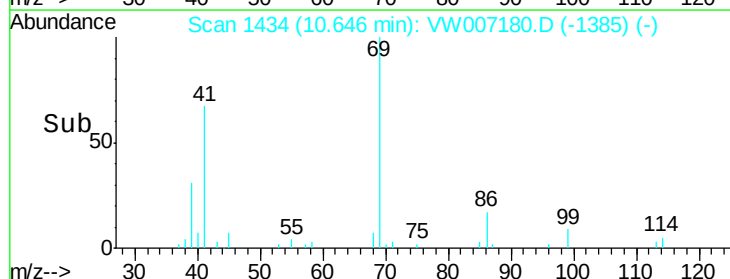
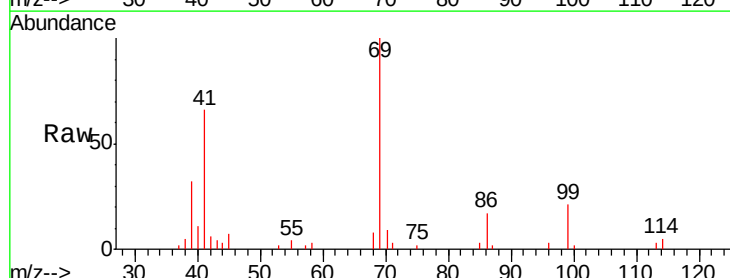
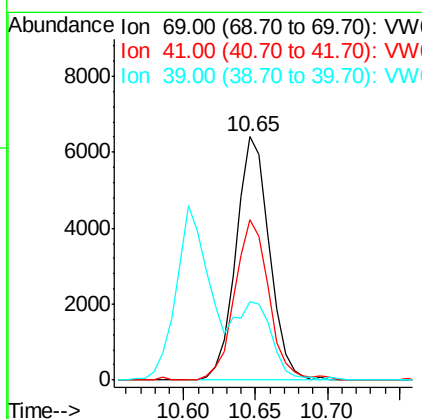
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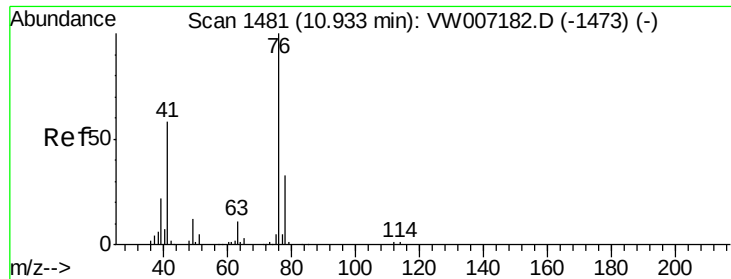
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#56
 Ethyl methacrylate
 Concen: 9.067 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. 0.00 min
 Lab File: VW007180.D
 Acq: 04 Dec 2018 11:38

Tgt Ion:	69	Resp:	10318
Ion	Ratio	Lower	Upper
69	100		
41	67.9	51.8	77.6
39	24.2	28.7	43.1#





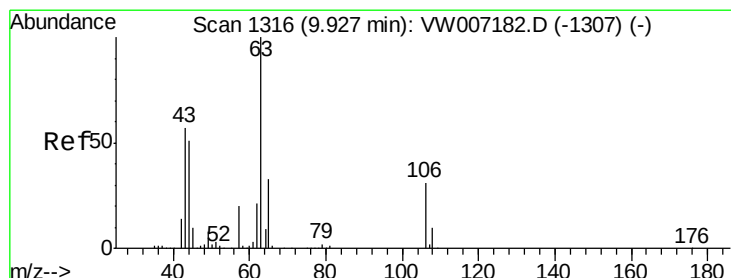
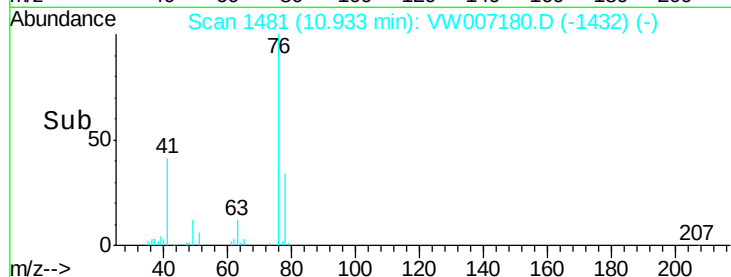
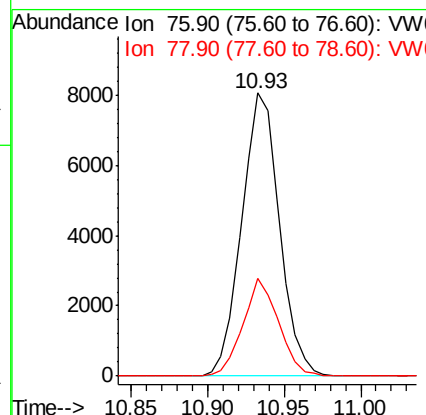
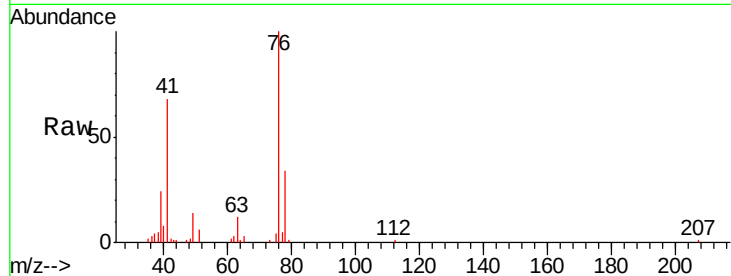
#57
 1,3-Dichloropropane
 Concen: 9.363 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. 0.00 min
 Lab File: VW007180.D
 Acq: 04 Dec 2018 11:38

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC010

Tgt Ion: 76 Resp: 13790
 Ion Ratio Lower Upper
 76 100
 78 32.5 26.6 40.0

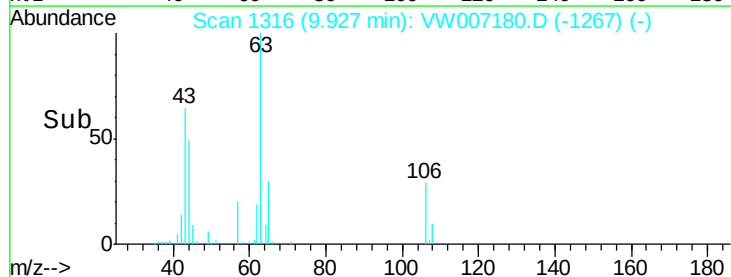
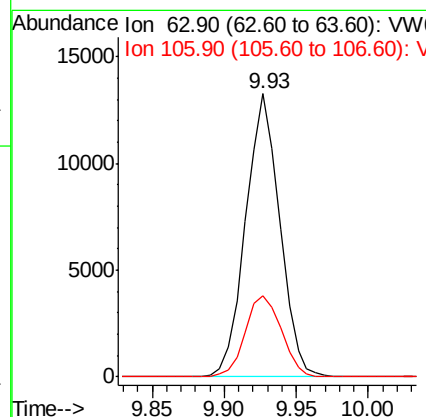
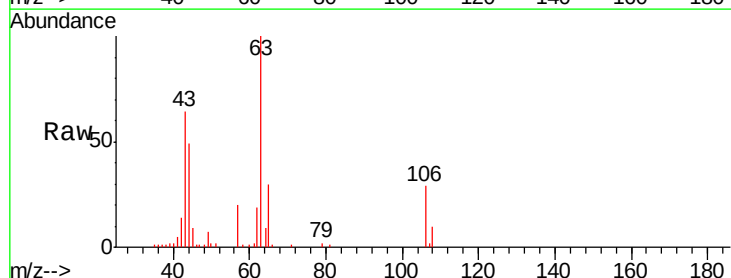
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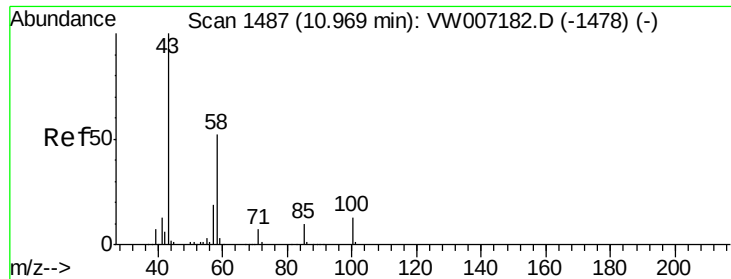
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#58
 2-Chloroethyl Vinyl ether
 Concen: 47.502 ug/l
 RT: 9.93 min Scan# 1316
 Delta R.T. 0.00 min
 Lab File: VW007180.D
 Acq: 04 Dec 2018 11:38

Tgt Ion: 63 Resp: 21713
 Ion Ratio Lower Upper
 63 100
 106 30.3 24.1 36.1





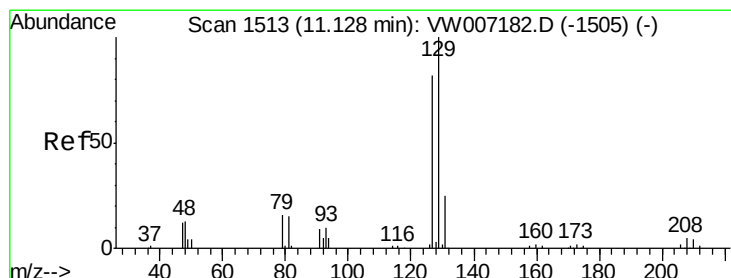
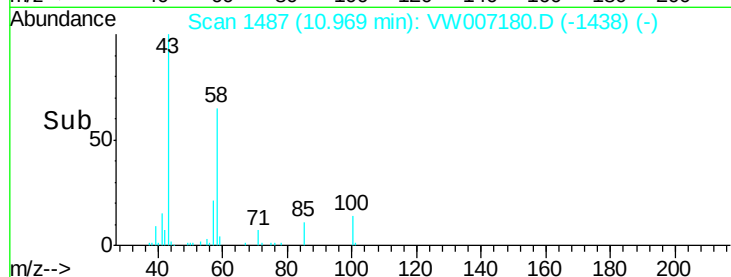
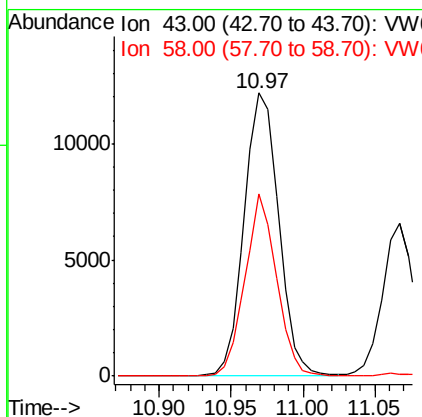
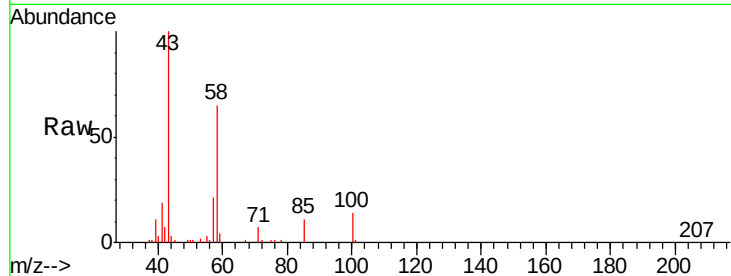
#59
2-Hexanone
Concen: 43.733 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VW007180.D
Acq: 04 Dec 2018 11:38

Instrument :
MSVOA_W
ClientSampled :
VSTDIC010

Tgt Ion: 43 Resp: 20302
Ion Ratio Lower Upper
43 100
58 58.5 28.1 84.4

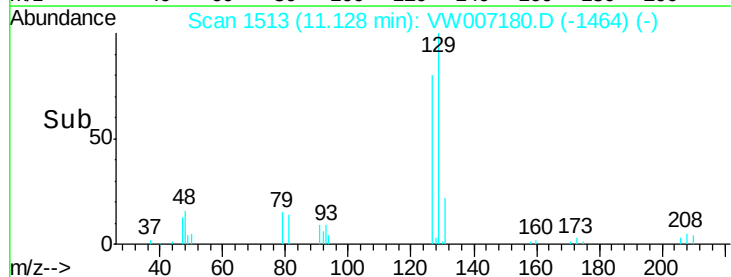
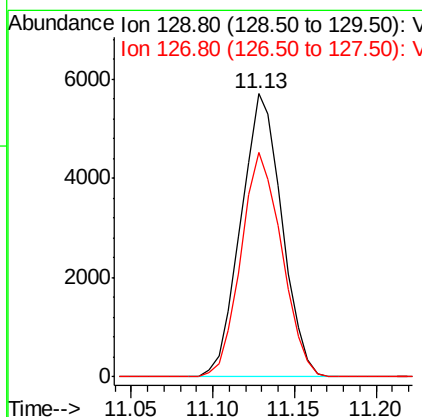
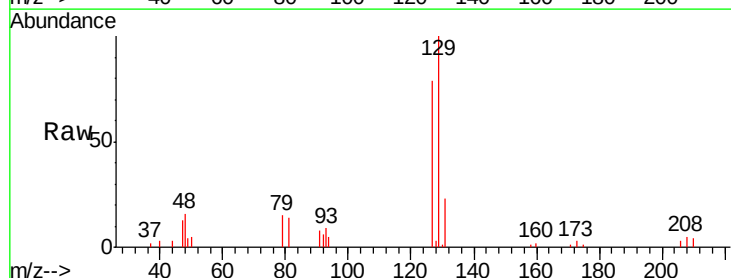
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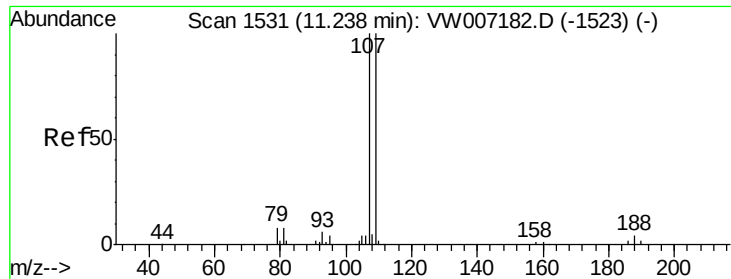
apatel
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#60
Dibromochloromethane
Concen: 9.334 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VW007180.D
Acq: 04 Dec 2018 11:38

Tgt Ion: 129 Resp: 10008
Ion Ratio Lower Upper
129 100
127 79.0 39.8 119.4





#61

1,2-Dibromoethane

Concen: 9.395 ug/l

RT: 11.24 min Scan# 1531

Delta R.T. 0.00 min

Lab File: VW007180.D

Acq: 04 Dec 2018 11:38

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC010

Tgt Ion: 107 Resp: 7861

Ion Ratio Lower Upper

107 100

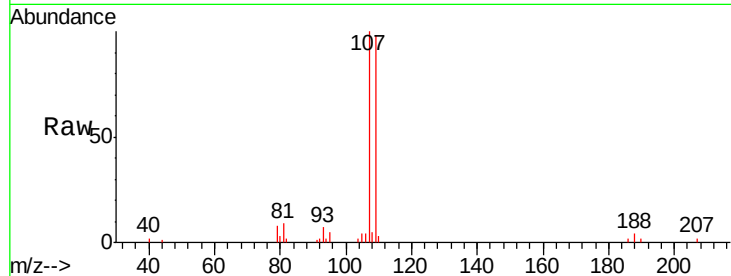
109 92.4 77.3 115.9

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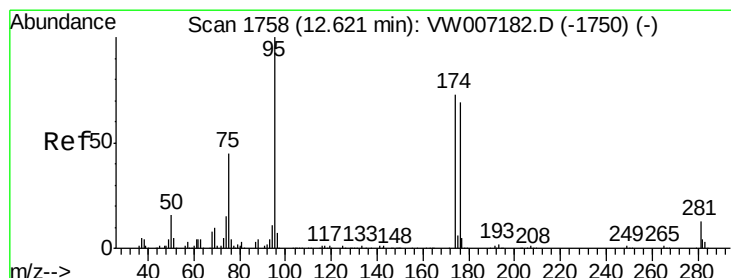
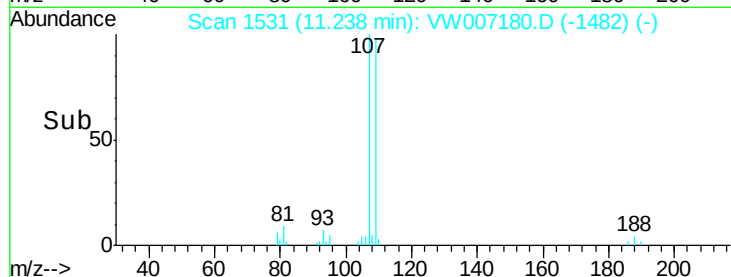
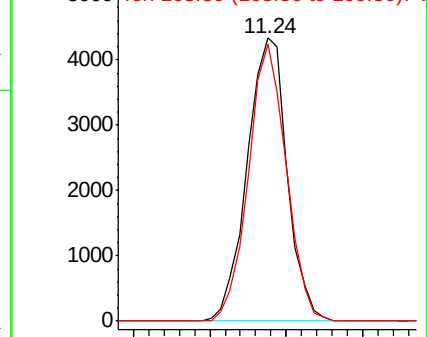
apatel

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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: 10.034 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW007180.D

Acq: 04 Dec 2018 11:38

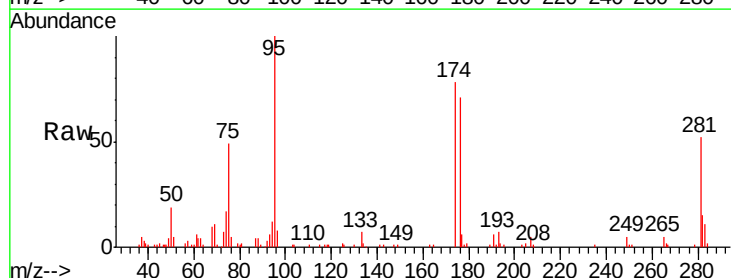
Tgt Ion: 95 Resp: 18160

Ion Ratio Lower Upper

95 100

174 74.5 0.0 148.0

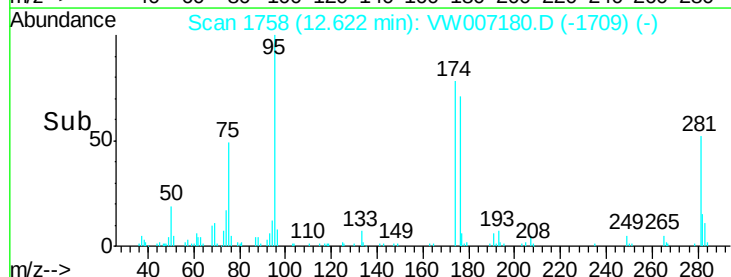
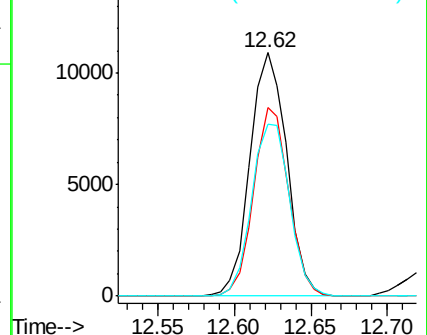
176 73.5 0.0 139.4

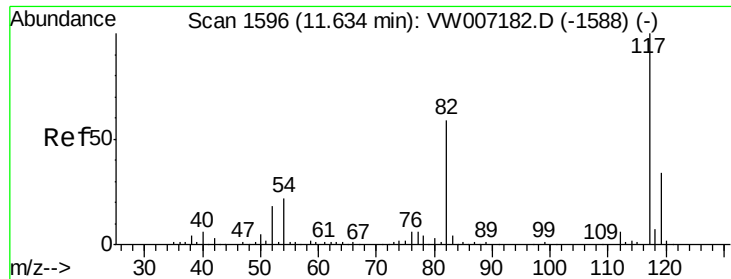


Abundance Ion 94.90 (94.60 to 95.60): VW

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: 11.63 min Scan# 1596

Delta R.T. 0.00 min

Lab File: VW007180.D

Acq: 04 Dec 2018 11:38

Instrument :

MSVOA_W

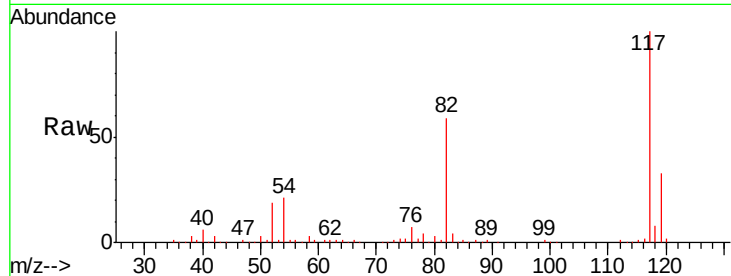
ClientSampleId :

VSTDIC010

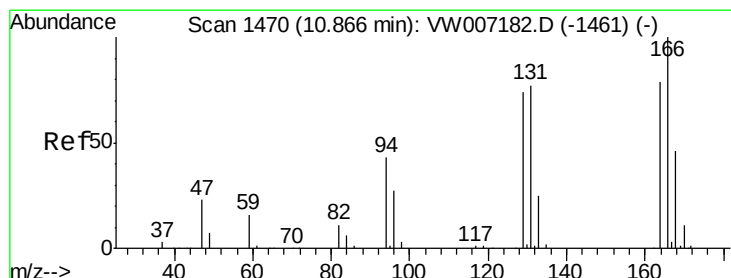
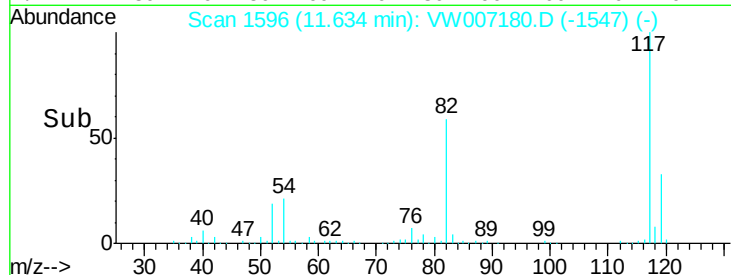
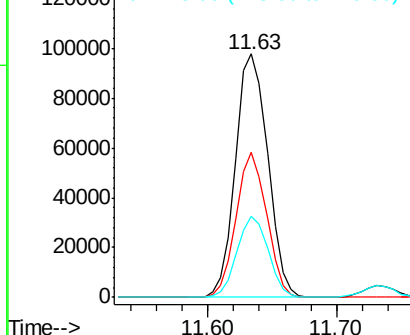
Tgt Ion:	117	Resp:	170261
Ion Ratio	Lower	Upper	
117	100		
82	59.4	47.4	71.2
119	33.3	26.8	40.2

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Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#64

Tetrachloroethene

Concen: 9.984 ug/l

RT: 10.87 min Scan# 1470

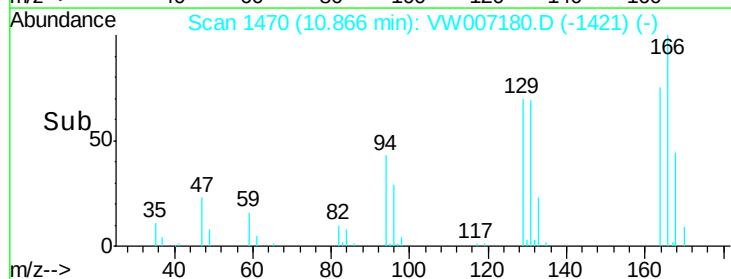
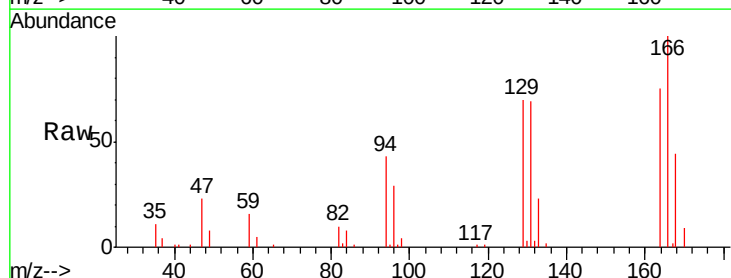
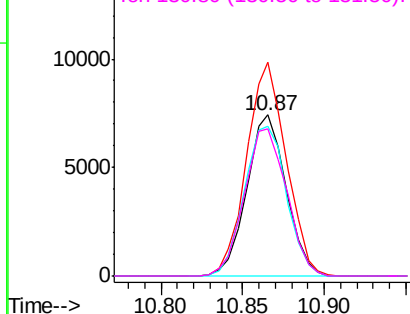
Delta R.T. 0.00 min

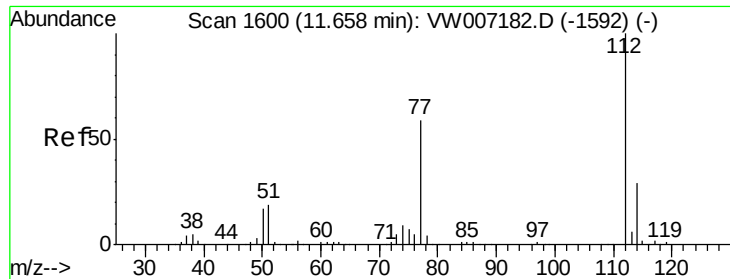
Lab File: VW007180.D

Acq: 04 Dec 2018 11:38

Tgt Ion:	164	Resp:	12420
Ion Ratio	Lower	Upper	
164	100		
166	132.5	101.0	151.4
129	92.8	74.6	111.8
131	91.4	77.6	116.4

Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V





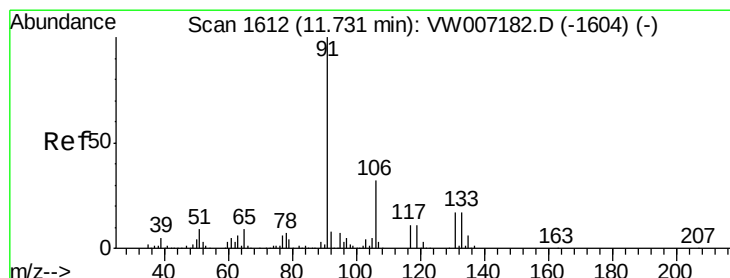
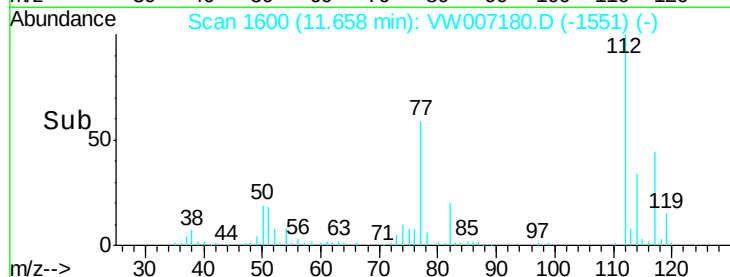
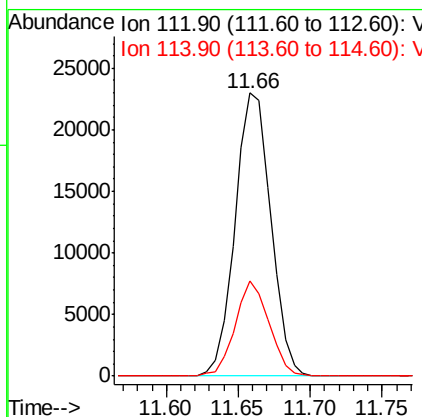
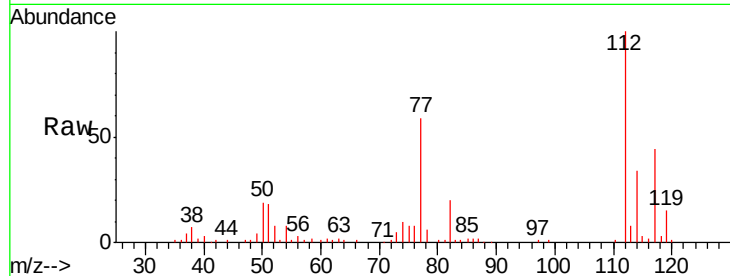
#65
Chlorobenzene
Concen: 10.432 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VW007180.D
Acq: 04 Dec 2018 11:38

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

Tgt Ion:112 Resp: 39670
Ion Ratio Lower Upper
112 100
114 33.7 23.0 34.4

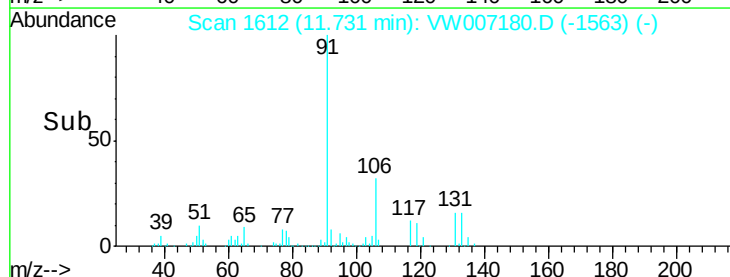
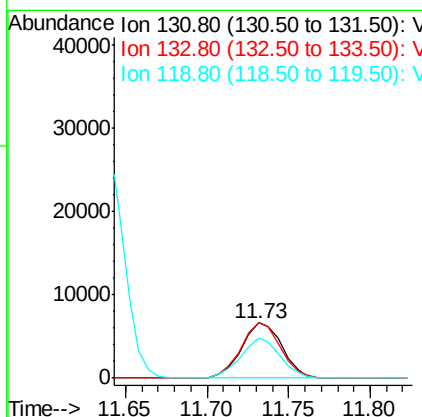
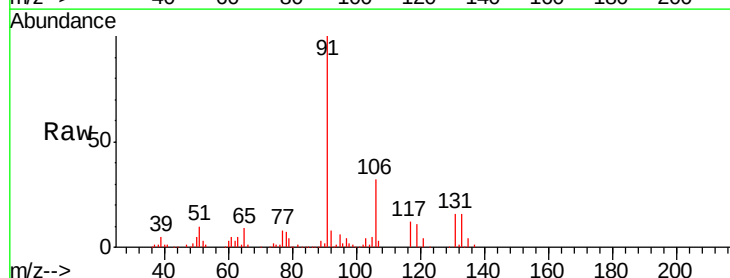
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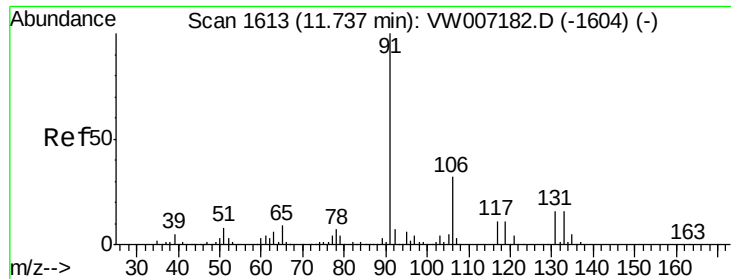
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#66
1,1,1,2-Tetrachloroethane
Concen: 9.776 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW007180.D
Acq: 04 Dec 2018 11:38

Tgt Ion:131 Resp: 11481
Ion Ratio Lower Upper
131 100
133 98.2 48.0 144.2
119 69.6 32.8 98.4





#67

Ethyl Benzene

Concen: 10.057 ug/l

RT: 11.74 min Scan# 1613

Delta R.T. 0.00 min

Lab File: VW007180.D

Acq: 04 Dec 2018 11:38

Instrument :

MSVOA_W

ClientSampled :

VSTDIC010

Tgt Ion: 91 Resp: 69699

Ion Ratio Lower Upper

91 100

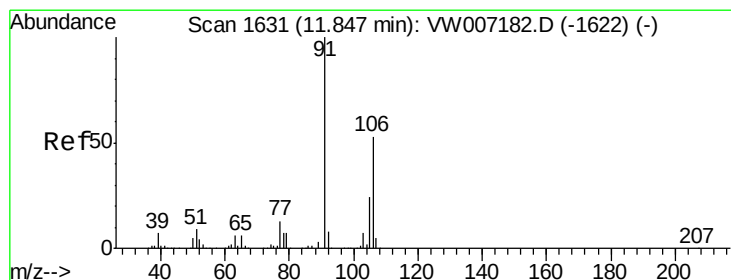
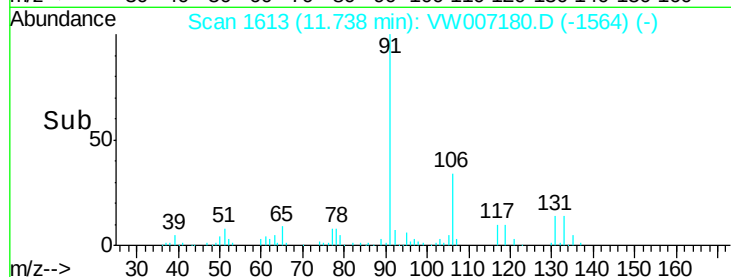
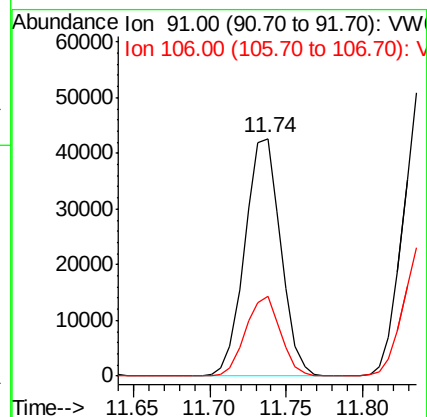
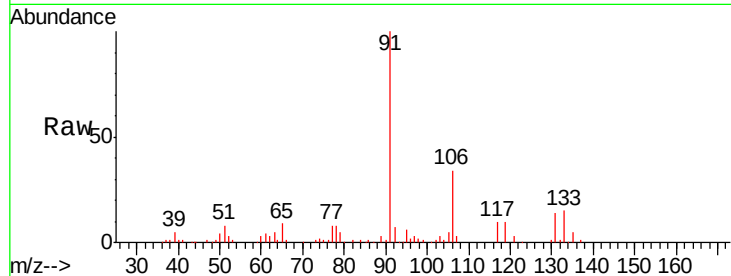
106 33.7 26.0 39.0

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#68

m/p-Xylenes

Concen: 19.961 ug/l

RT: 11.84 min Scan# 1630

Delta R.T. -0.01 min

Lab File: VW007180.D

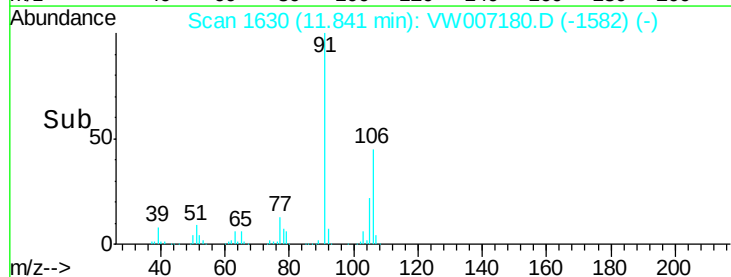
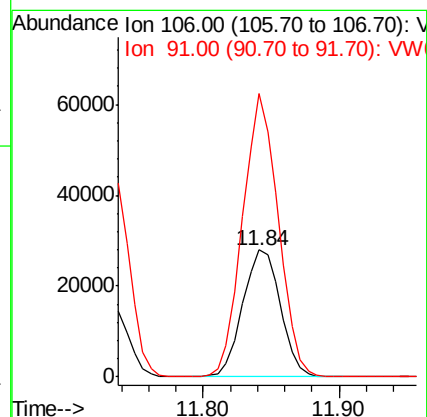
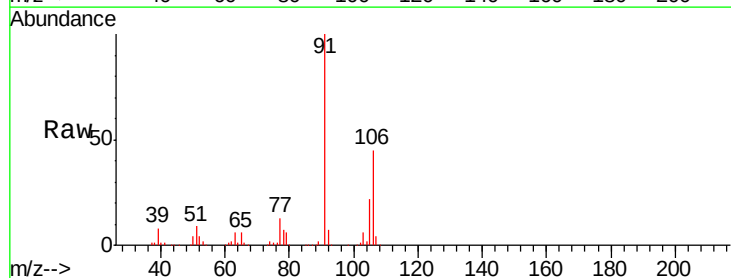
Acq: 04 Dec 2018 11:38

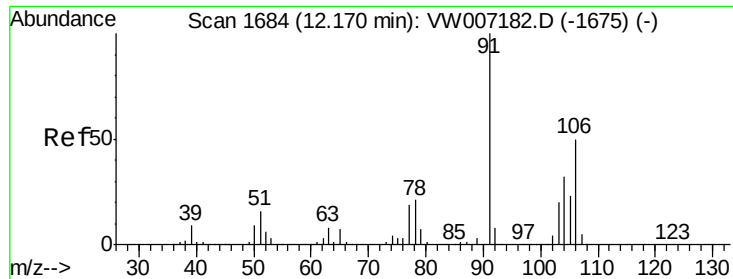
Tgt Ion: 106 Resp: 54272

Ion Ratio Lower Upper

106 100

91 210.5 160.2 240.4





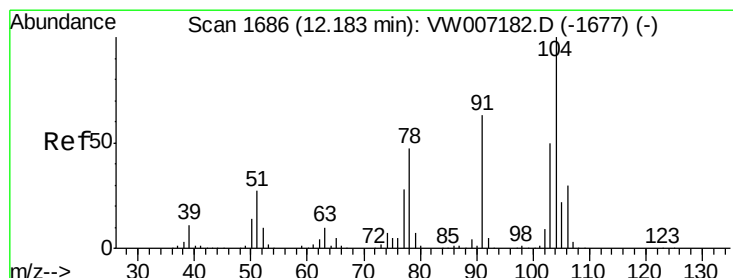
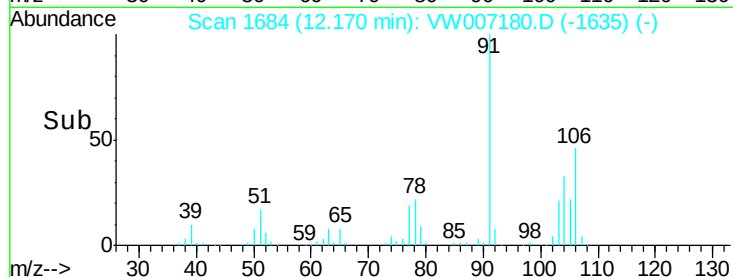
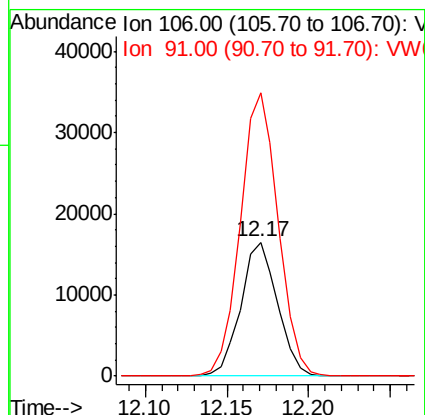
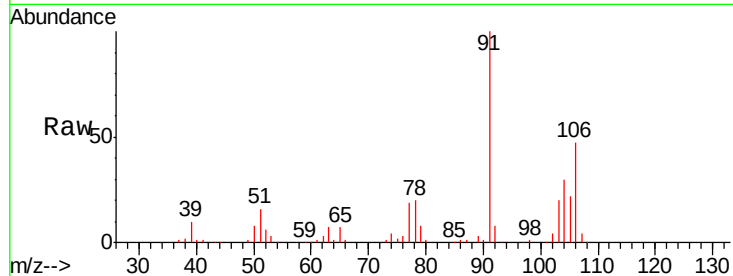
#69
o-Xylene
Concen: 10.194 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. 0.00 min
Lab File: VW007180.D
Acq: 04 Dec 2018 11:38

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

Tgt Ion:106 Resp: 25894
Ion Ratio Lower Upper
106 100
91 216.8 104.9 314.7

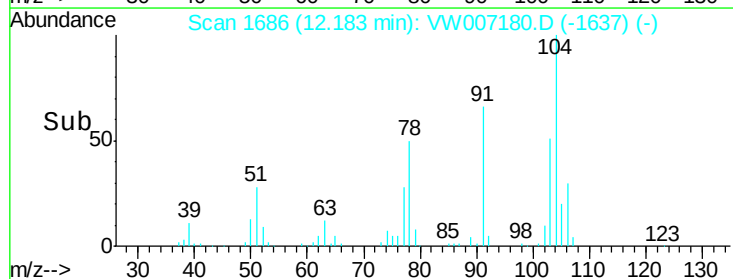
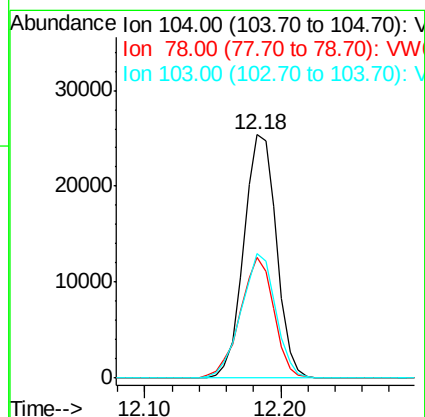
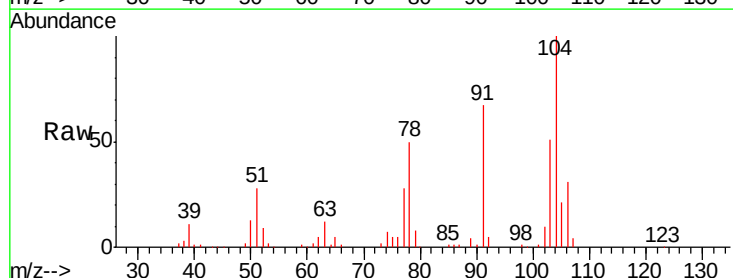
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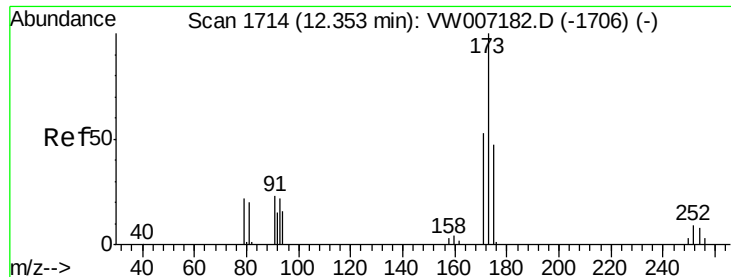
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#70
Styrene
Concen: 10.234 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. 0.00 min
Lab File: VW007180.D
Acq: 04 Dec 2018 11:38

Tgt Ion:104 Resp: 42555
Ion Ratio Lower Upper
104 100
78 51.3 40.6 60.8
103 54.2 43.0 64.4





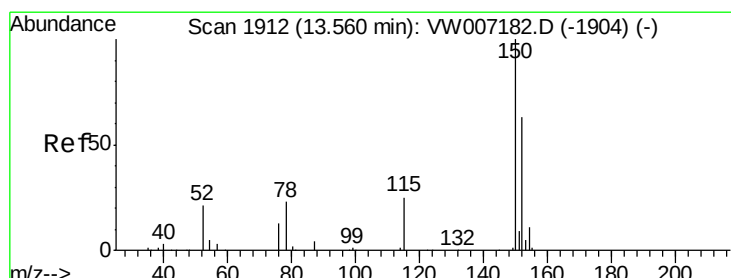
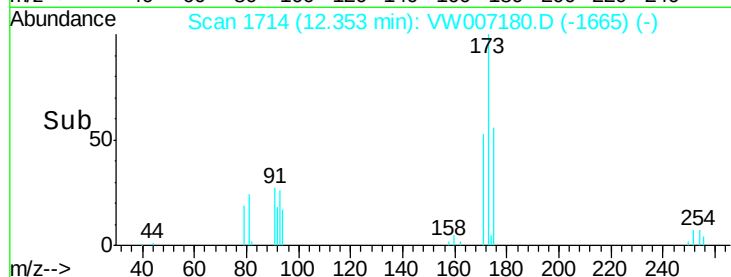
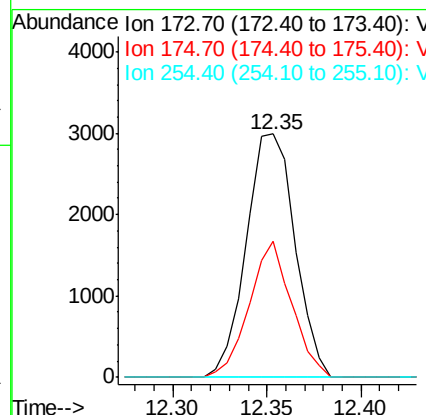
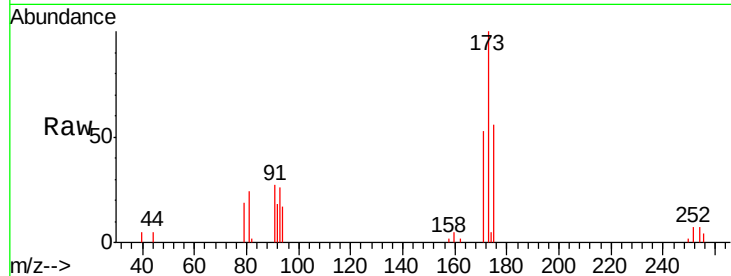
#71
Bromoform
Concen: 9.099 ug/l
RT: 12.35 min Scan# 1714
Delta R.T. 0.00 min
Lab File: VW007180.D
Acq: 04 Dec 2018 11:38

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

Tgt Ion	Ratio	Lower	Upper
173	100		
175	48.7	24.0	72.0
254	0.0	0.0	0.0

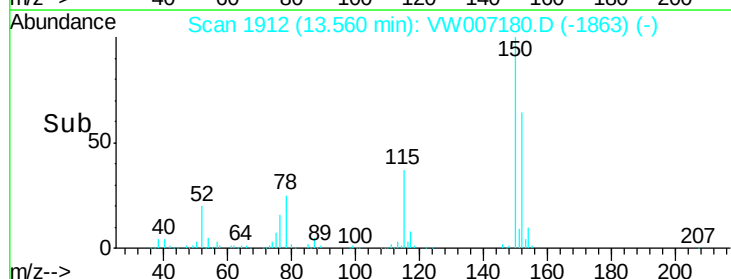
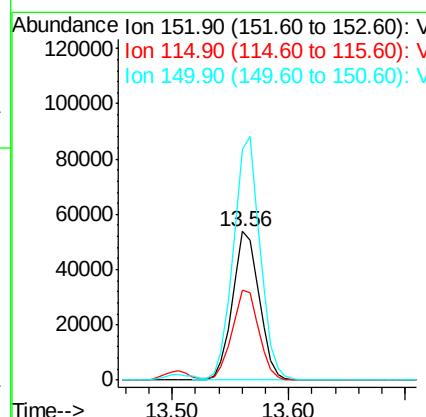
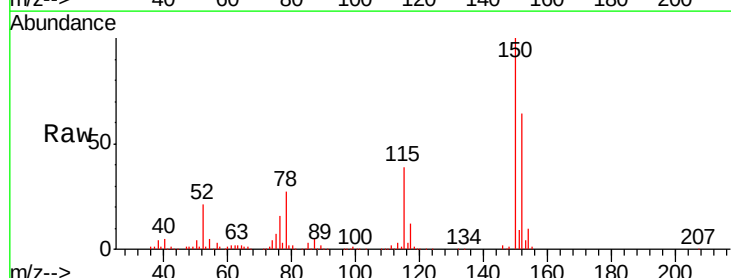
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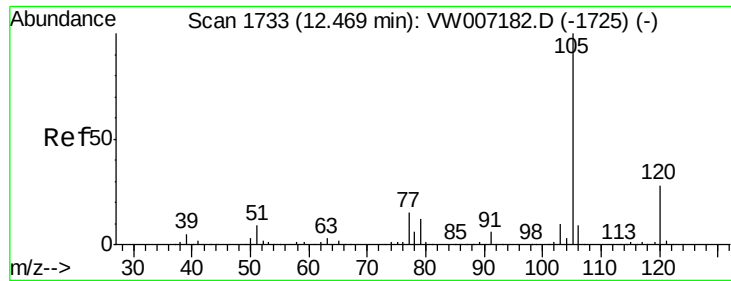
apatel
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. 0.00 min
Lab File: VW007180.D
Acq: 04 Dec 2018 11:38

Tgt Ion	Ratio	Lower	Upper
152	100		
115	60.7	31.3	93.8
150	164.2	0.0	358.0





#73

Isopropylbenzene

Concen: 10.266 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. 0.00 min

Lab File: VW007180.D

Acq: 04 Dec 2018 11:38

Instrument :

MSVOA_W

ClientSampled :

VSTDIC010

Tgt Ion: 105 Resp: 71443

Ion Ratio Lower Upper

105 100

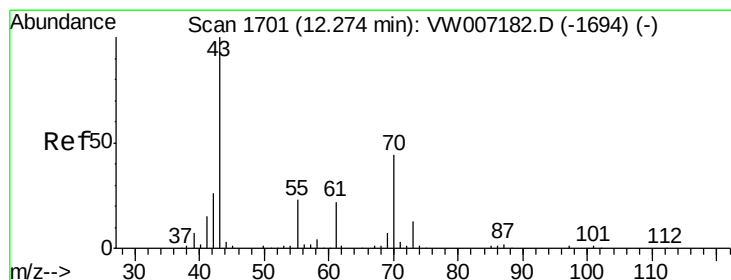
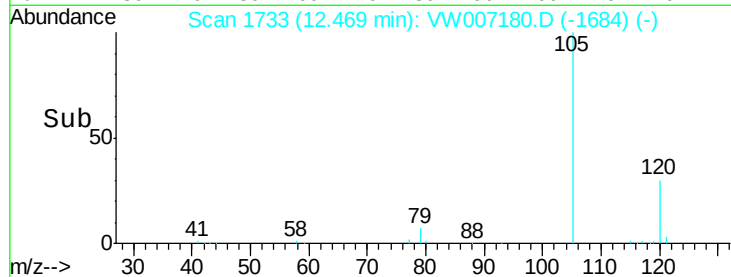
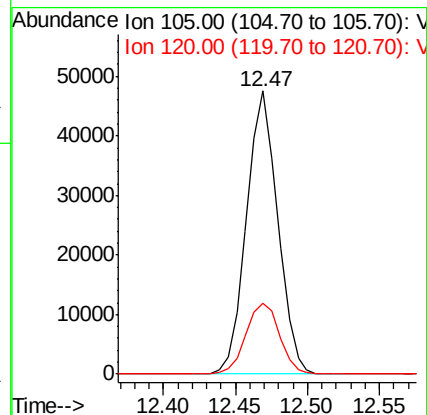
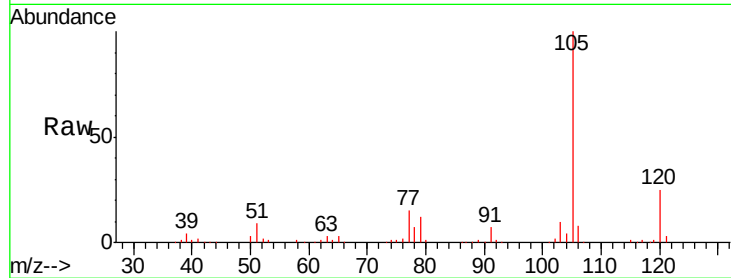
120 26.8 13.2 39.6

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#74

N-ethyl acetate

Concen: 9.424 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. 0.00 min

Lab File: VW007180.D

Acq: 04 Dec 2018 11:38

Tgt Ion: 43 Resp: 11628

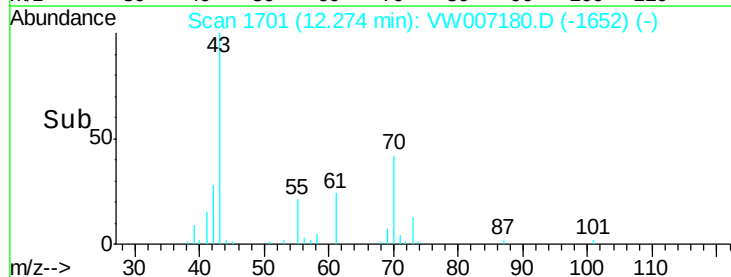
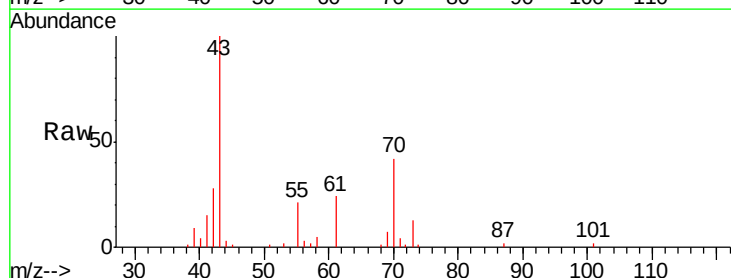
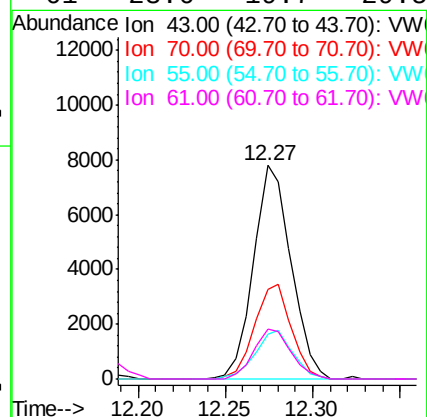
Ion Ratio Lower Upper

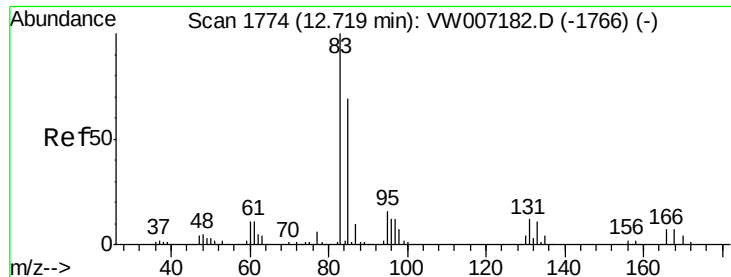
43 100

70 43.5 34.0 51.0

55 22.7 19.0 28.6

61 23.6 19.7 29.5





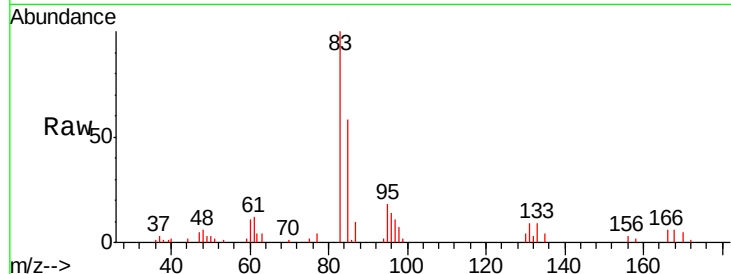
#75
 1,1,2,2-Tetrachloroethane
 Concen: 9.988 ug/l
 RT: 12.72 min Scan# 1774
 Delta R.T. 0.00 min
 Lab File: VW007180.D
 Acq: 04 Dec 2018 11:38

Instrument :
 MSVOA_W
 ClientSampled :
 VSTDIC010

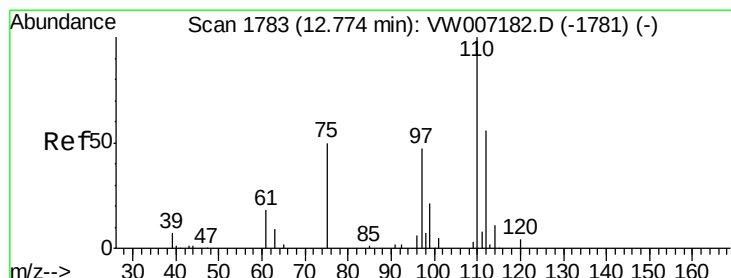
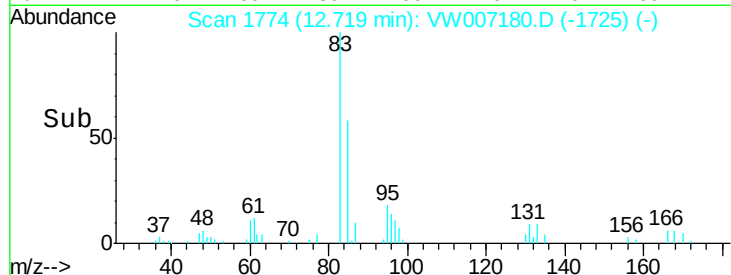
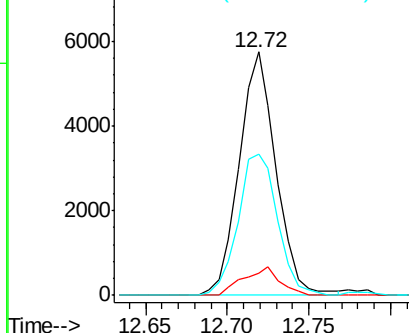
Tgt Ion	Ratio	Resp	Lower	Upper
83	100	9027		
131	11.4	6.0	18.1	
85	62.3	33.0	99.0	

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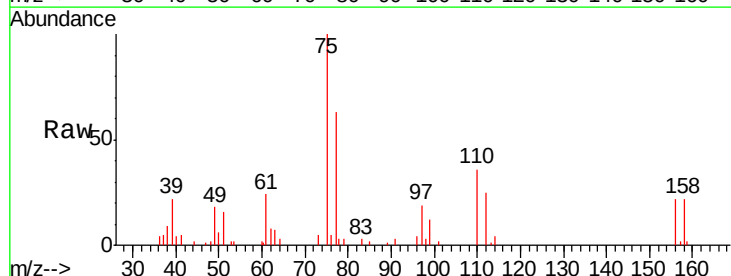


Abundance Ion 82.90 (82.60 to 83.60): VW
 Ion 130.80 (130.50 to 131.50): V
 Ion 84.90 (84.60 to 85.60): VW

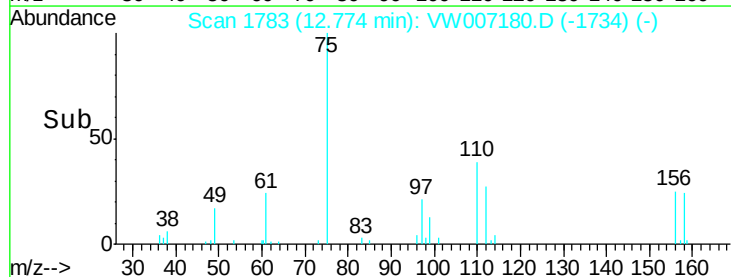
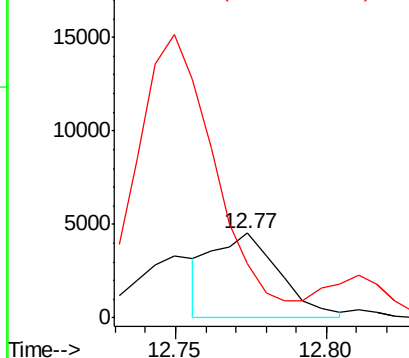


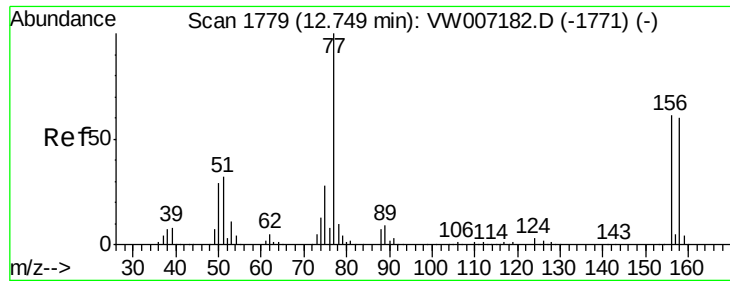
#76
 1,2,3-Trichloropropane
 Concen: 6.084 ug/l m
 RT: 12.77 min Scan# 1783
 Delta R.T. 0.00 min
 Lab File: VW007180.D
 Acq: 04 Dec 2018 11:38

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	6997		
77	0.0	0.0	0.0	



Abundance Ion 74.90 (74.60 to 75.60): VW
 Ion 77.00 (76.70 to 77.70): VW





#77

Bromobenzene

Concen: 10.435 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VW007180.D

Acq: 04 Dec 2018 11:38

Instrument :

MSVOA_W

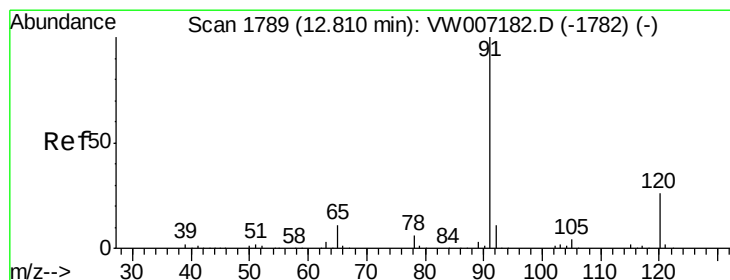
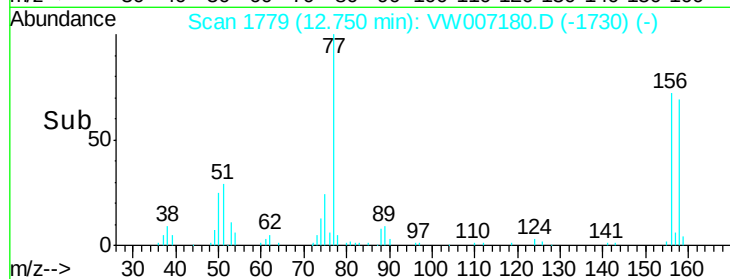
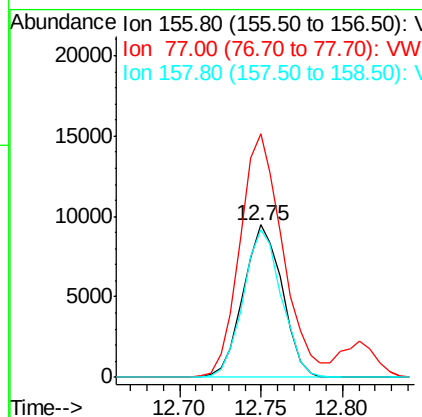
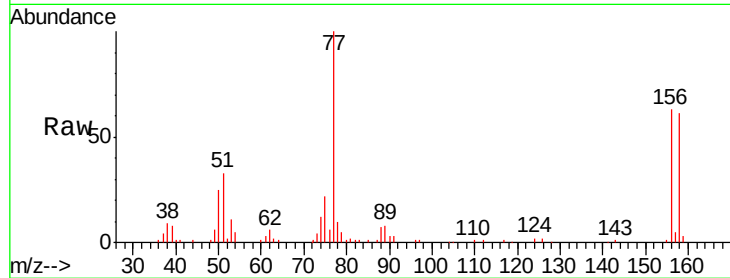
ClientSampled :

VSTDIC010

Tgt Ion	Ratio	Lower	Upper
156	100		
77	175.2	92.0	276.1
158	95.9	49.0	147.0

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#78

n-propylbenzene

Concen: 10.645 ug/l

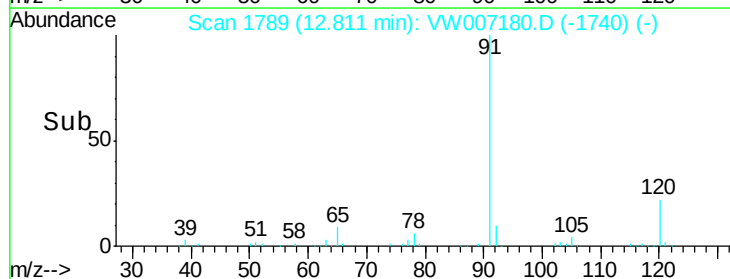
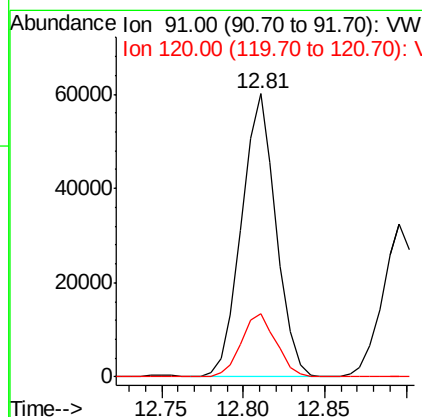
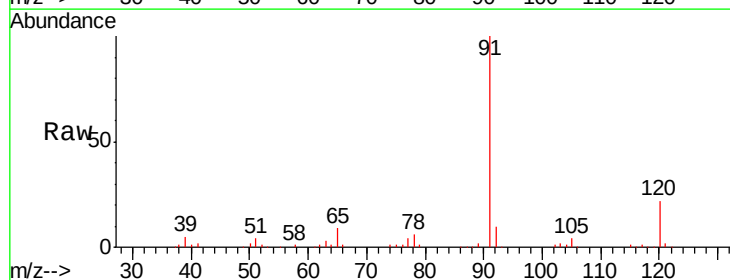
RT: 12.81 min Scan# 1789

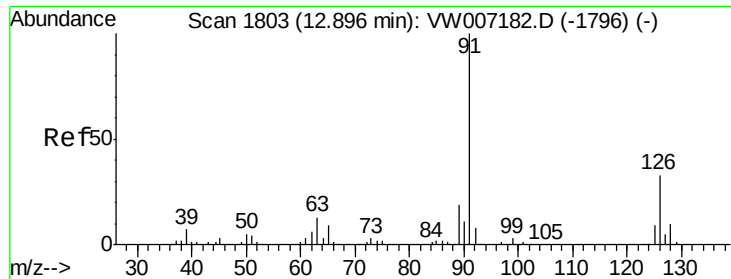
Delta R.T. 0.00 min

Lab File: VW007180.D

Acq: 04 Dec 2018 11:38

Tgt Ion	Ratio	Lower	Upper
91	100		
120	22.7	12.5	37.5





#79

2-Chlorotoluene

Concen: 10.626 ug/l

RT: 12.90 min Scan# 1803

Delta R.T. 0.00 min

Lab File: VW007180.D

Acq: 04 Dec 2018 11:38

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC010

Tgt Ion: 91 Resp: 49752

Ion Ratio Lower Upper

91 100

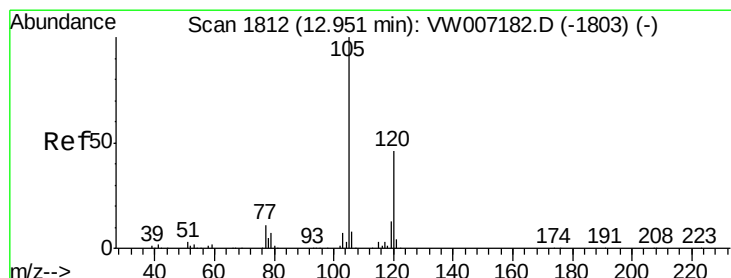
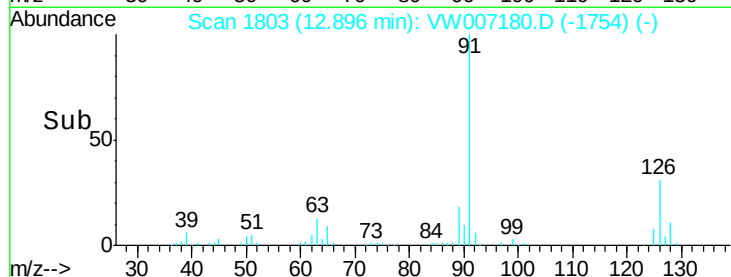
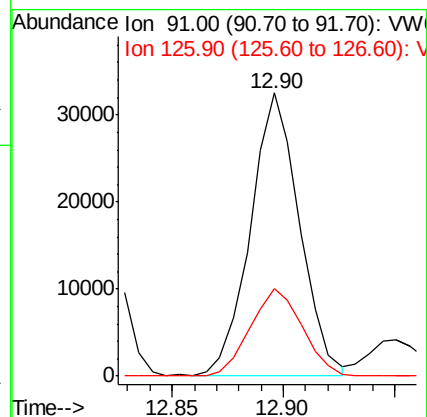
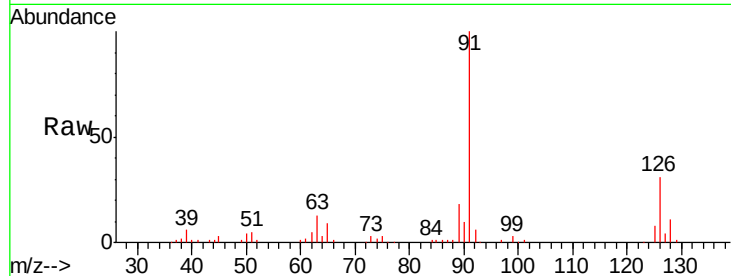
126 32.8 16.7 50.1

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#80

1,3,5-Trimethylbenzene

Concen: 10.341 ug/l

RT: 12.95 min Scan# 1812

Delta R.T. 0.00 min

Lab File: VW007180.D

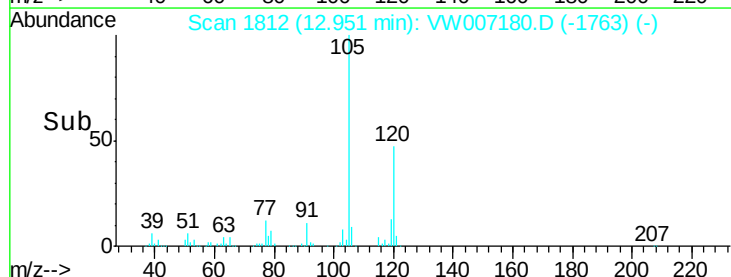
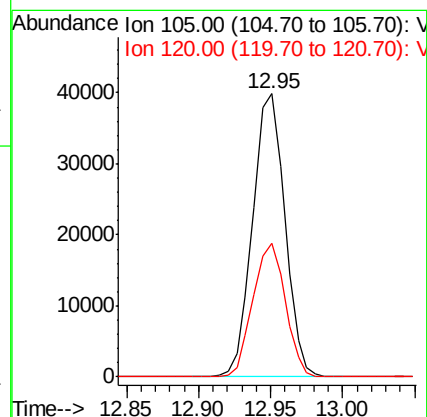
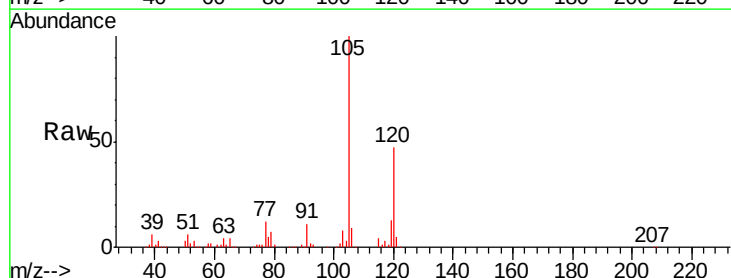
Acq: 04 Dec 2018 11:38

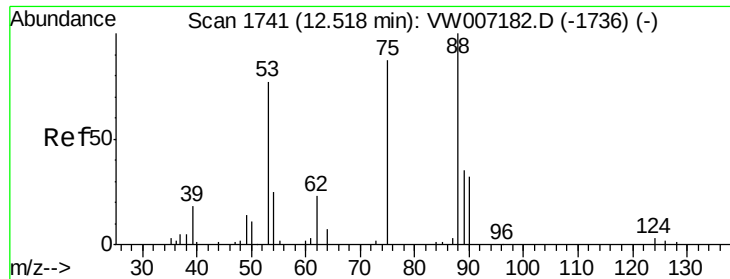
Tgt Ion: 105 Resp: 61568

Ion Ratio Lower Upper

105 100

120 47.5 23.8 71.5





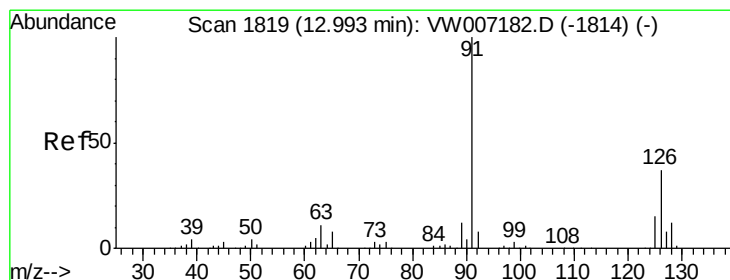
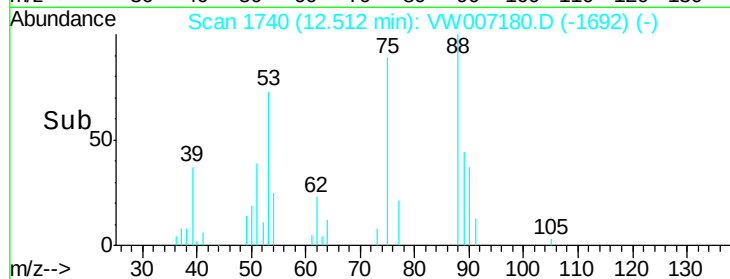
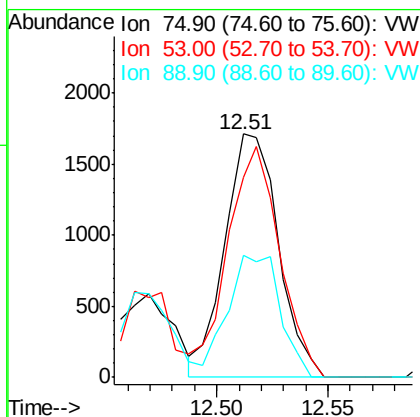
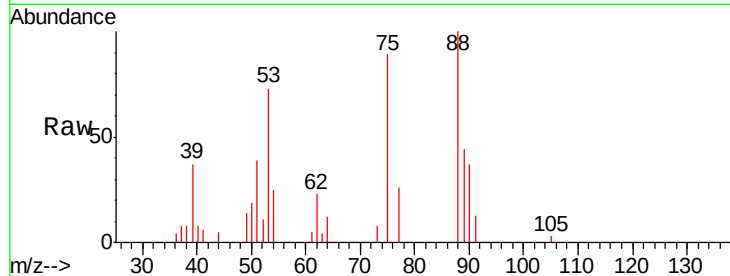
#81
trans-1,4-Dichloro-2-butene
Concen: 9.298 ug/l
RT: 12.51 min Scan# 1740
Delta R.T. -0.01 min
Lab File: VW007180.D
Acq: 04 Dec 2018 11:38

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

Tgt Ion	Ratio	Lower	Upper
75	100		
53	92.3	72.8	109.2
89	48.8	36.4	54.6

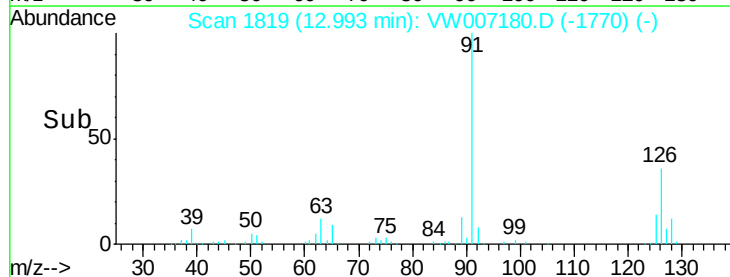
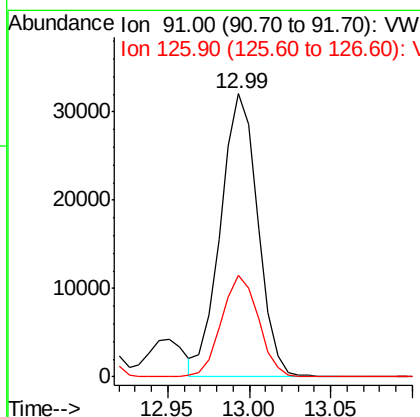
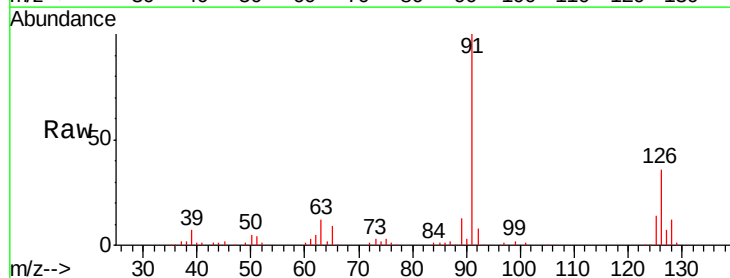
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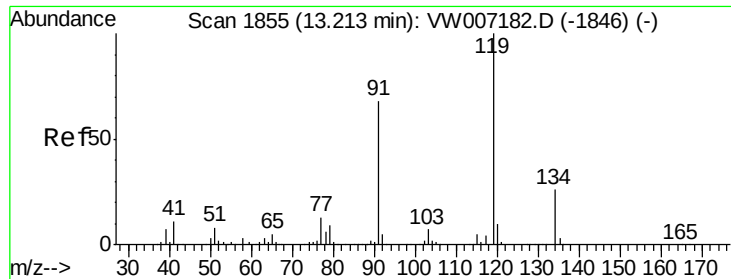
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#82
4-Chlorotoluene
Concen: 10.217 ug/l
RT: 12.99 min Scan# 1819
Delta R.T. 0.00 min
Lab File: VW007180.D
Acq: 04 Dec 2018 11:38

Tgt Ion	Ratio	Lower	Upper
91	100		
126	35.4	17.4	52.3





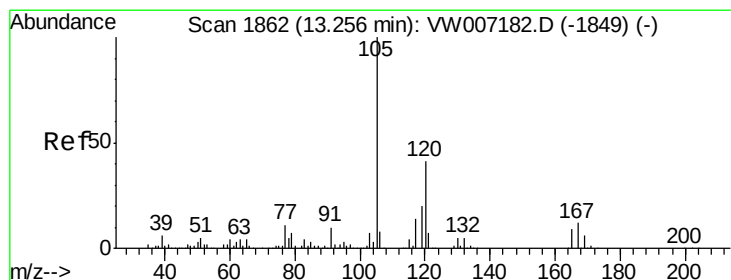
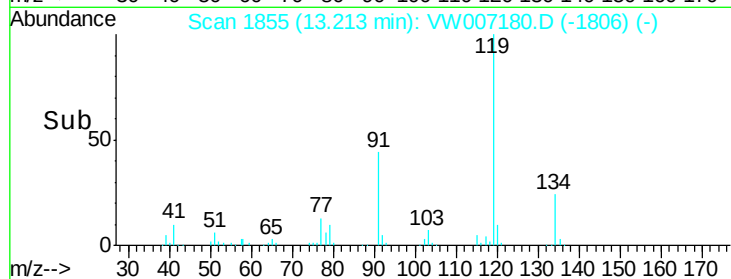
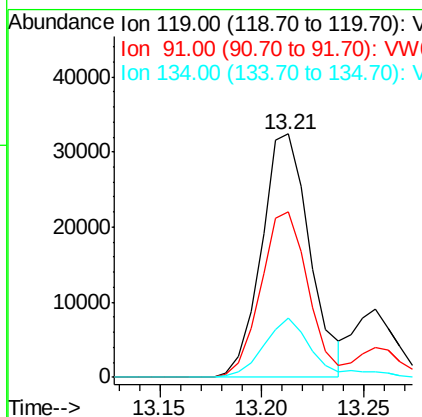
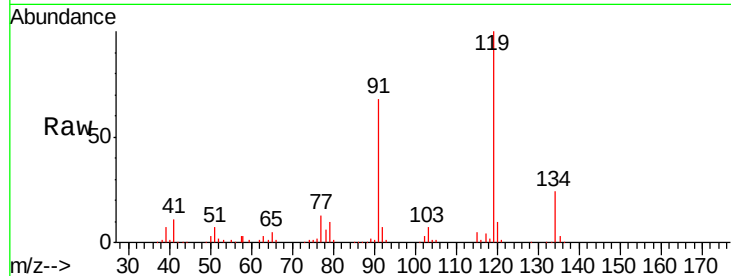
#83
 tert-Butylbenzene
 Concen: 10.291 ug/l
 RT: 13.21 min Scan# 1855
 Delta R.T. 0.00 min
 Lab File: VW007180.D
 Acq: 04 Dec 2018 11:38

Instrument :
 MSVOA_W
 ClientSampled :
 VSTDIC010

Tgt Ion	Ratio	Lower	Upper
119	100		
91	66.3	34.0	101.8
134	25.0	13.2	39.5

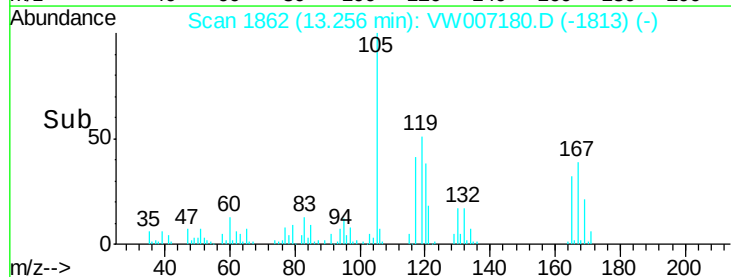
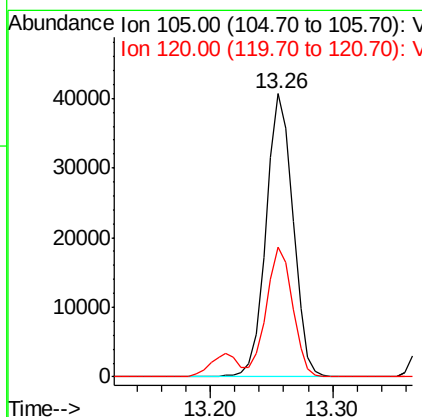
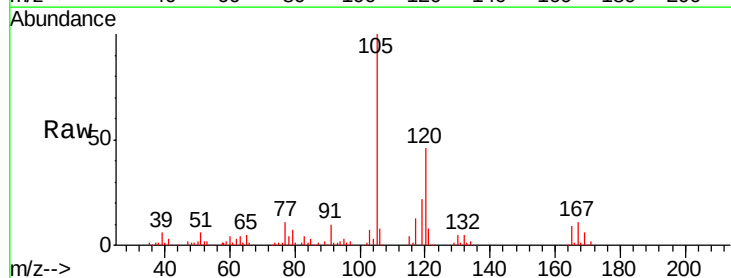
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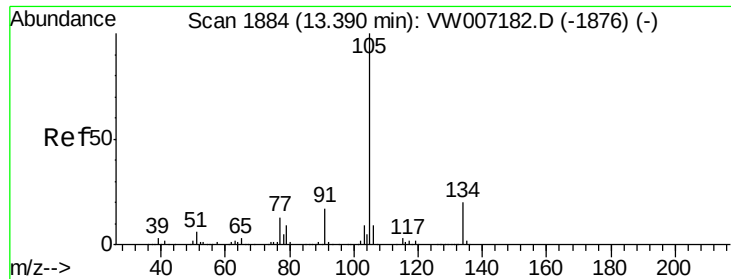
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#84
 1,2,4-Trimethylbenzene
 Concen: 10.259 ug/l
 RT: 13.26 min Scan# 1862
 Delta R.T. 0.00 min
 Lab File: VW007180.D
 Acq: 04 Dec 2018 11:38

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.5	21.1	63.3





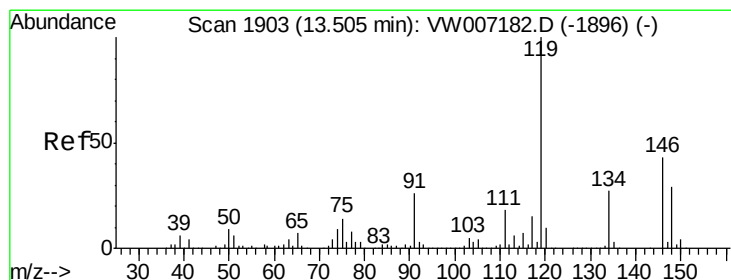
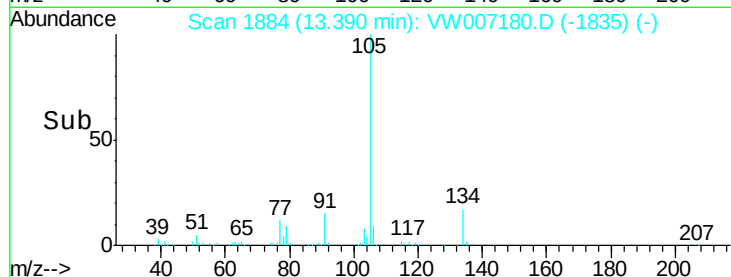
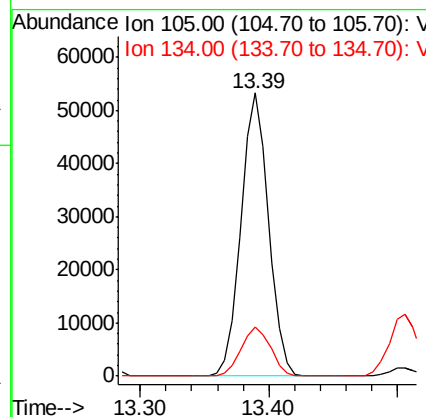
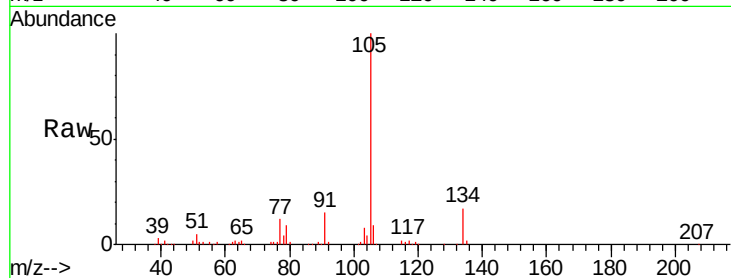
#85
 sec-Butylbenzene
 Concen: 10.613 ug/l
 RT: 13.39 min Scan# 1884
 Delta R.T. 0.00 min
 Lab File: VW007180.D
 Acq: 04 Dec 2018 11:38

Instrument :
 MSVOA_W
 ClientSampled :
 VSTDIC010

Tgt Ion:105 Resp: 78829
 Ion Ratio Lower Upper
 105 100
 134 18.5 10.3 30.8

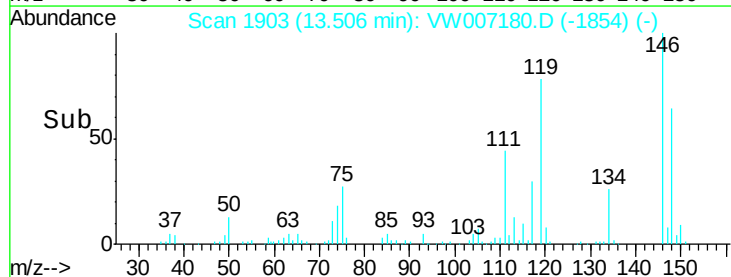
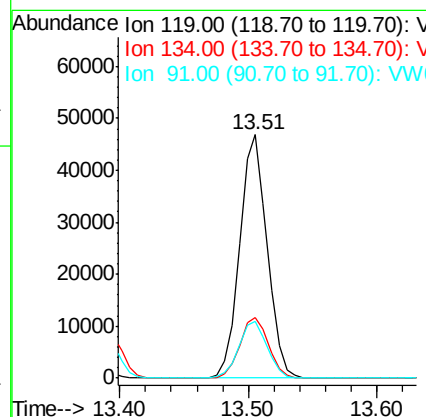
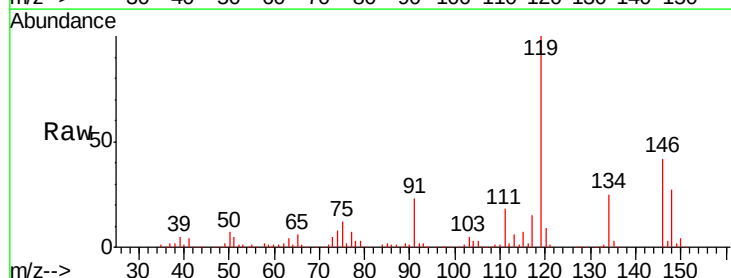
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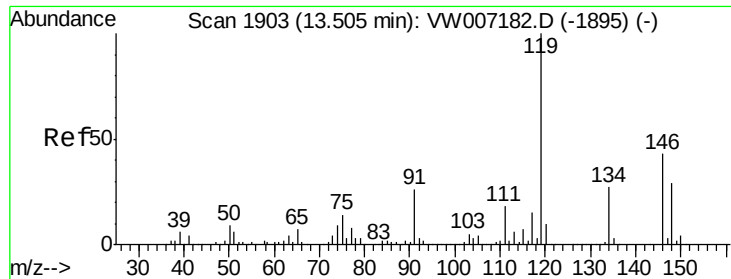
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#86
 p-Isopropyltoluene
 Concen: 10.450 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. 0.00 min
 Lab File: VW007180.D
 Acq: 04 Dec 2018 11:38

Tgt Ion:119 Resp: 69095
 Ion Ratio Lower Upper
 119 100
 134 25.7 13.2 39.6
 91 24.0 12.4 37.2





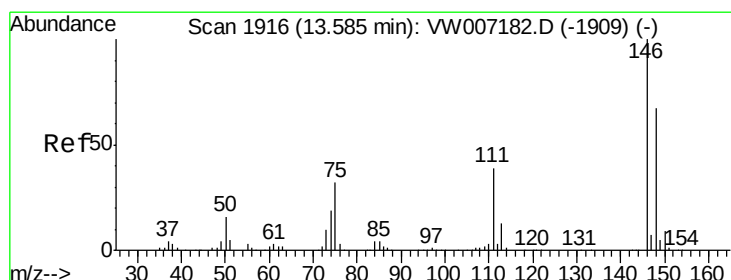
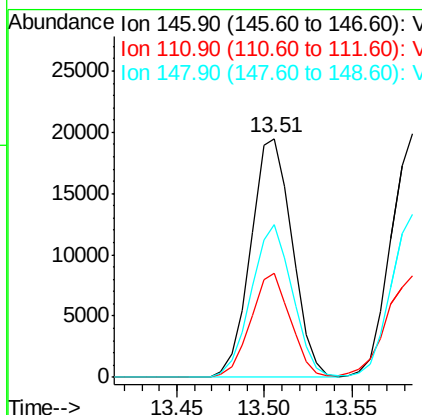
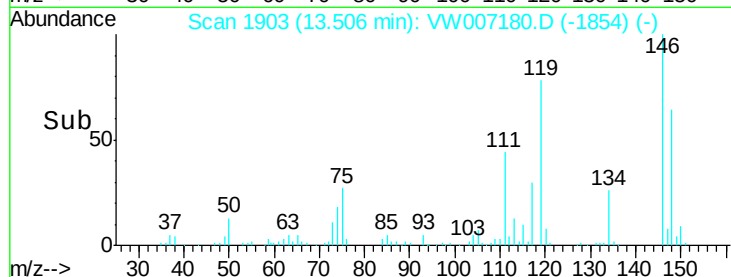
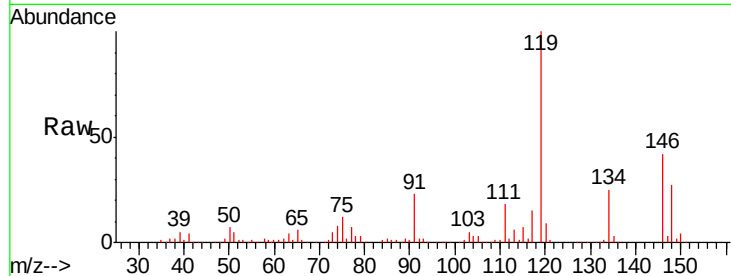
#87
 1,3-Dichlorobenzene
 Concen: 10.387 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. 0.00 min
 Lab File: VW007180.D
 Acq: 04 Dec 2018 11:38

Instrument :
 MSVOA_W
 ClientSampled :
 VSTDIC010

Tgt Ion	Ratio	Lower	Upper
146	100		
111	41.8	21.1	63.4
148	63.7	32.8	98.4

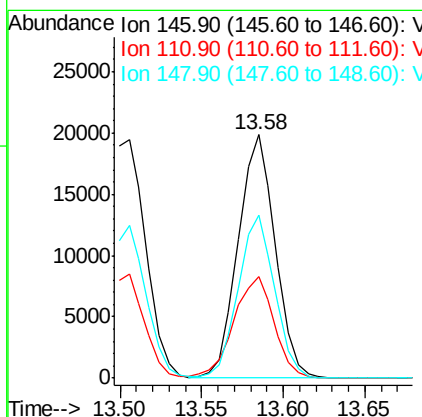
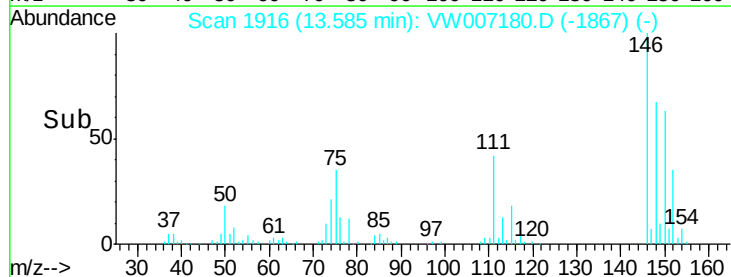
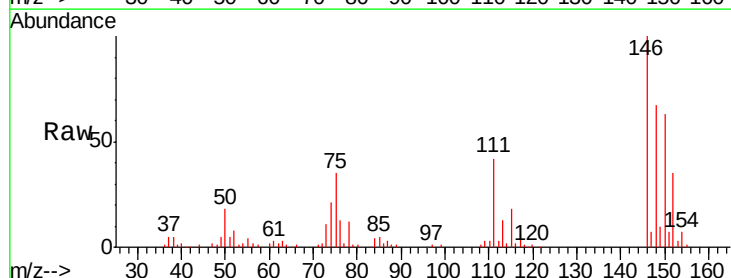
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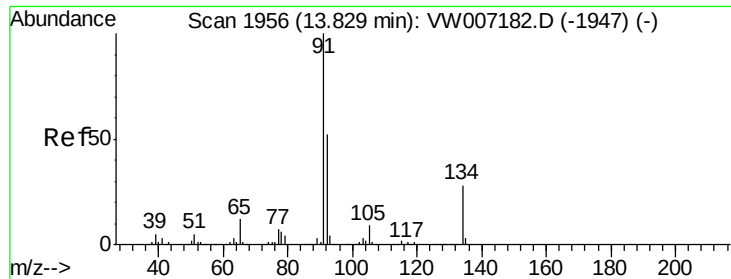
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#88
 1,4-Dichlorobenzene
 Concen: 10.095 ug/l
 RT: 13.58 min Scan# 1916
 Delta R.T. 0.00 min
 Lab File: VW007180.D
 Acq: 04 Dec 2018 11:38

Tgt Ion	Ratio	Lower	Upper
146	100		
111	45.7	19.6	58.8
148	65.8	32.6	98.0





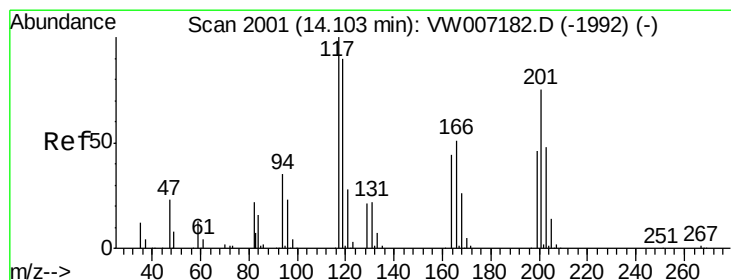
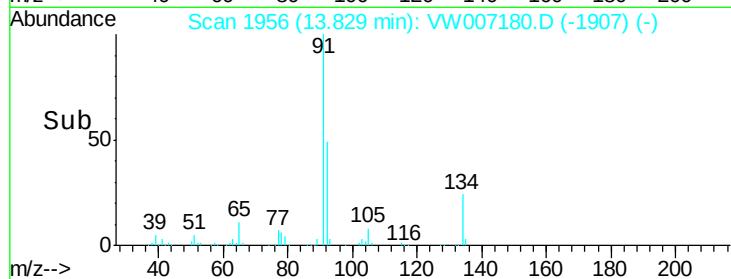
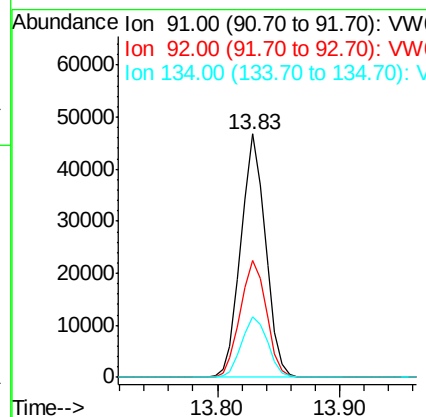
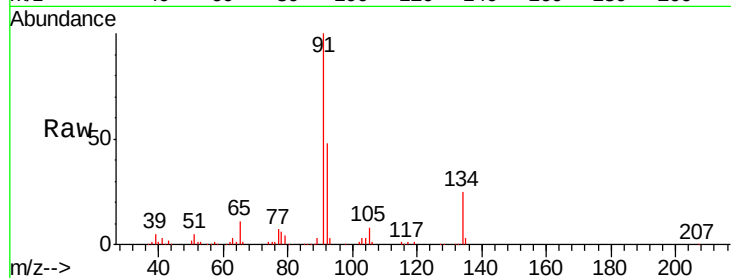
#89
n-Butylbenzene
Concen: 10.568 ug/l
RT: 13.83 min Scan# 1956
Delta R.T. 0.00 min
Lab File: VW007180.D
Acq: 04 Dec 2018 11:38

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

Tgt Ion	Ratio	Lower	Upper
91	100		
92	50.8	26.5	79.5
134	26.2	14.1	42.2

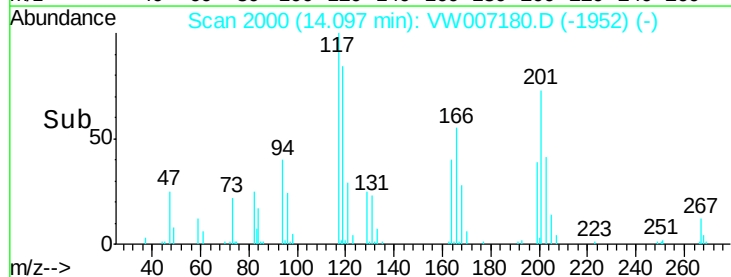
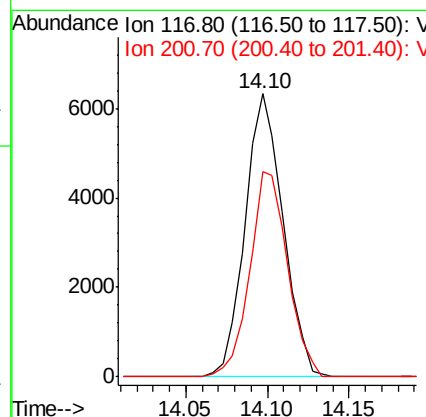
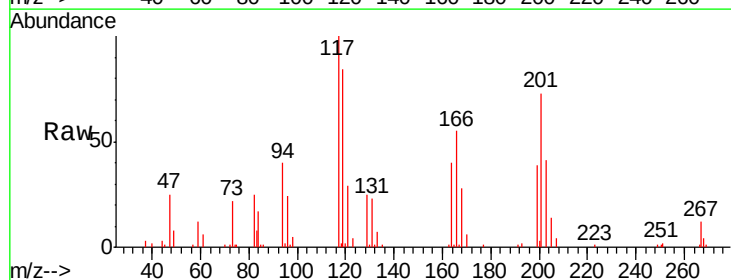
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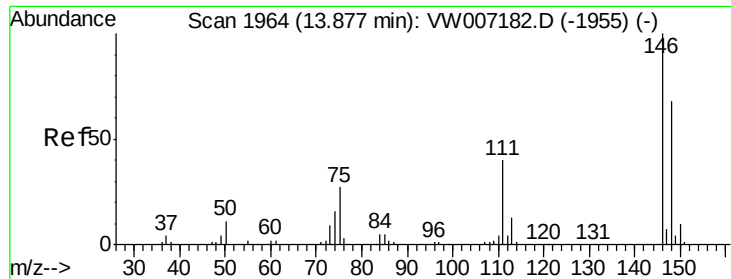
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#90
Hexachloroethane
Concen: 10.153 ug/l
RT: 14.10 min Scan# 2000
Delta R.T. -0.01 min
Lab File: VW007180.D
Acq: 04 Dec 2018 11:38

Tgt Ion	Ratio	Lower	Upper
117	100		
201	72.2	36.0	108.1





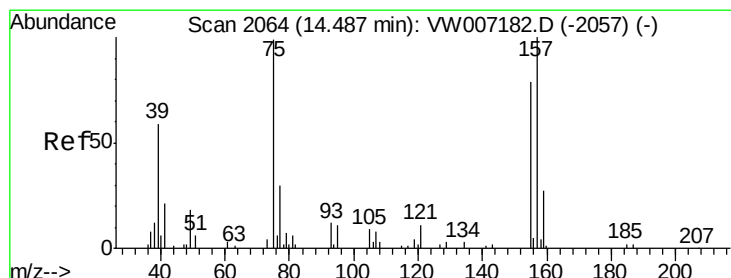
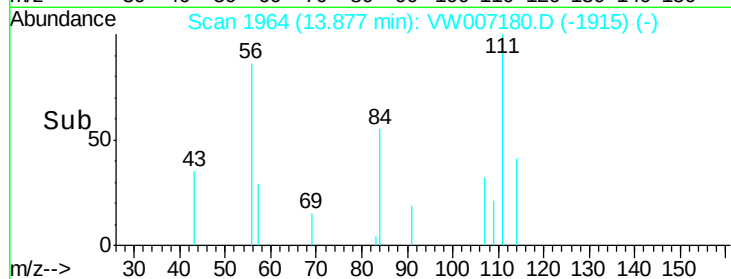
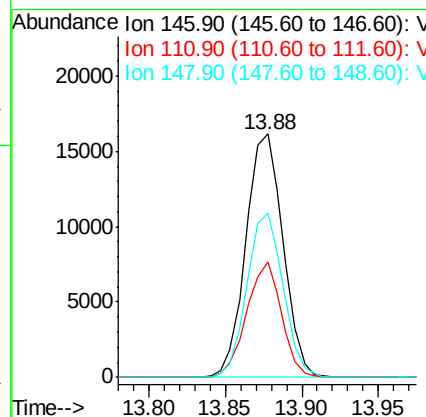
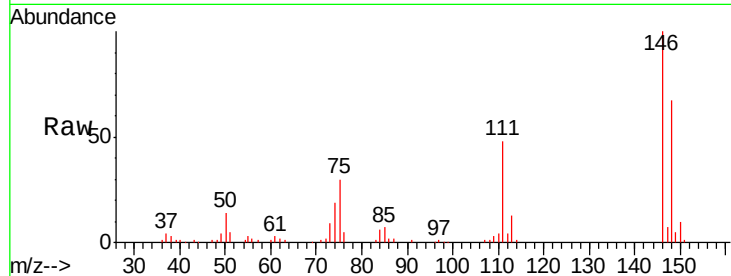
#91
 1,2-Dichlorobenzene
 Concen: 10.218 ug/l
 RT: 13.88 min Scan# 1964
 Delta R.T. 0.00 min
 Lab File: VW007180.D
 Acq: 04 Dec 2018 11:38

Instrument :
 MSVOA_W
 ClientSampled :
 VSTDIC010

Tgt Ion	Ratio	Lower	Upper
146	100		
111	44.3	21.6	65.0
148	65.4	32.7	98.1

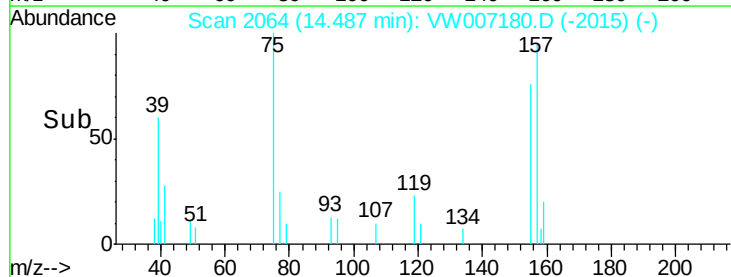
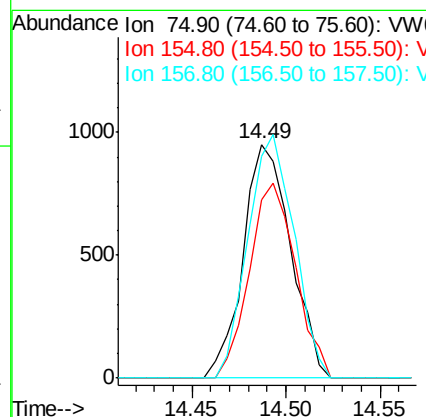
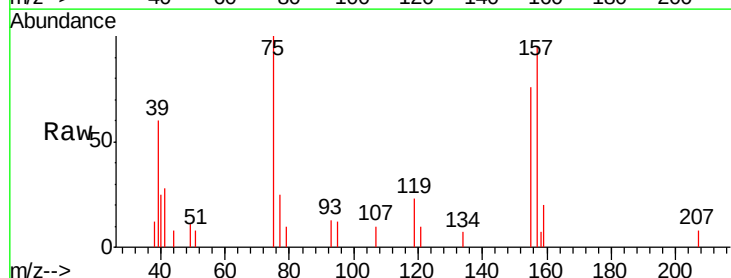
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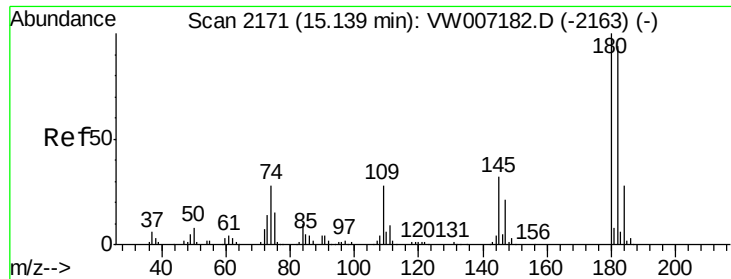
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 9.492 ug/l
 RT: 14.49 min Scan# 2064
 Delta R.T. 0.00 min
 Lab File: VW007180.D
 Acq: 04 Dec 2018 11:38

Tgt Ion	Ratio	Lower	Upper
75	100		
155	81.0	42.4	127.2
157	101.4	55.3	165.9





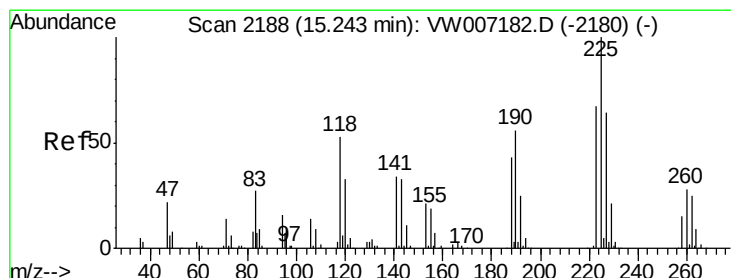
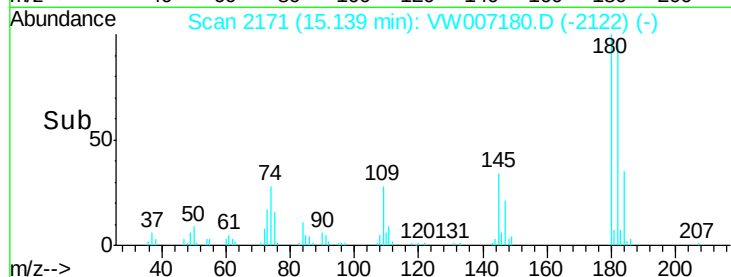
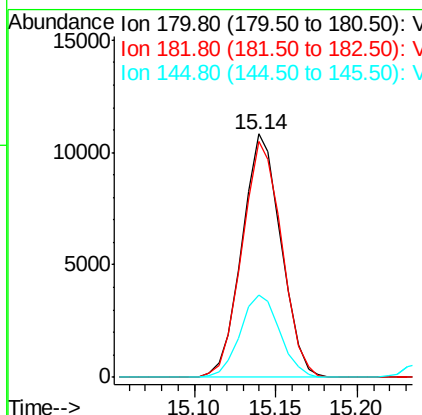
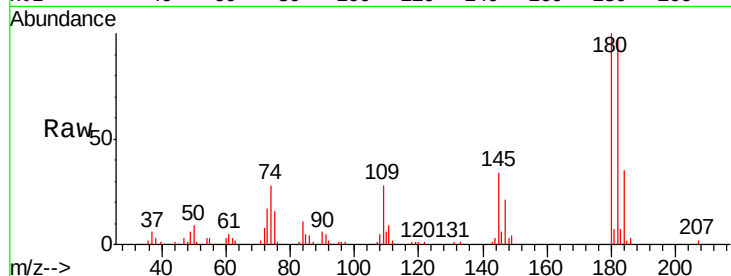
#93
1,2,4-Trichlorobenzene
Concen: 9.743 ug/l
RT: 15.14 min Scan# 2171
Delta R.T. 0.00 min
Lab File: VW007180.D
Acq: 04 Dec 2018 11:38

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

Tgt Ion	Ratio	Resp Lower	Resp Upper
180	100		
182	98.3	47.9	143.8
145	34.2	16.6	49.7

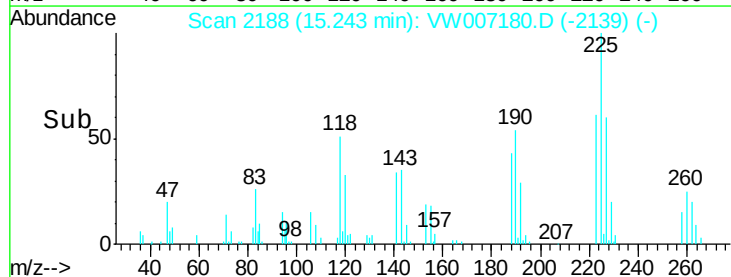
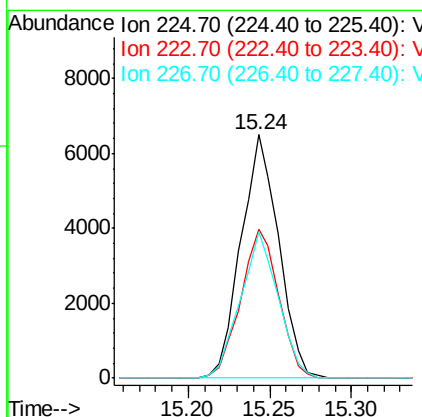
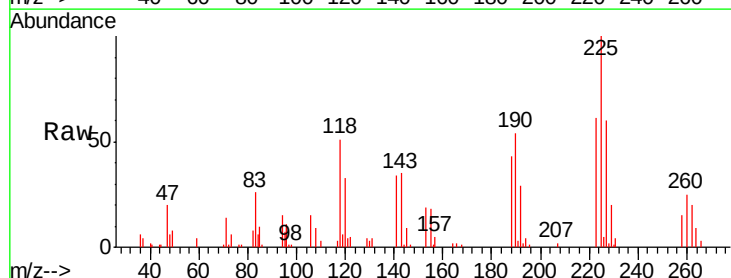
Manual Integrations
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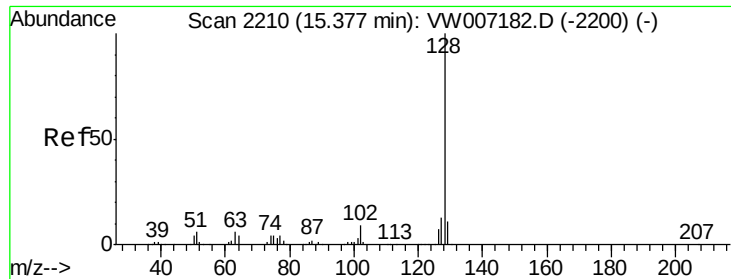
apatel
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#94
Hexachlorobutadiene
Concen: 10.454 ug/l
RT: 15.24 min Scan# 2188
Delta R.T. 0.00 min
Lab File: VW007180.D
Acq: 04 Dec 2018 11:38

Tgt Ion	Ratio	Resp Lower	Resp Upper
225	100		
223	61.7	32.3	96.8
227	60.2	32.1	96.3





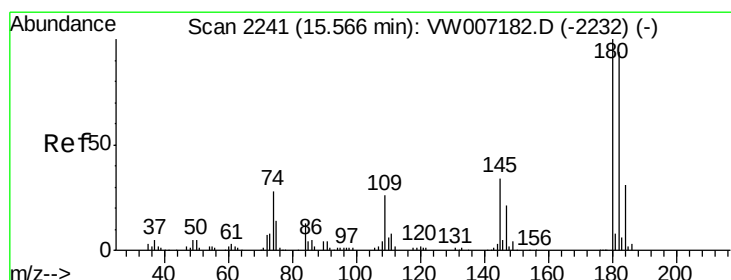
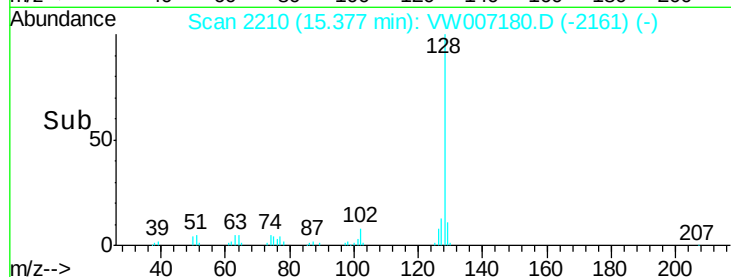
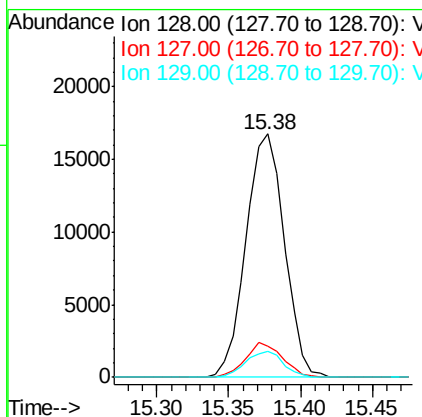
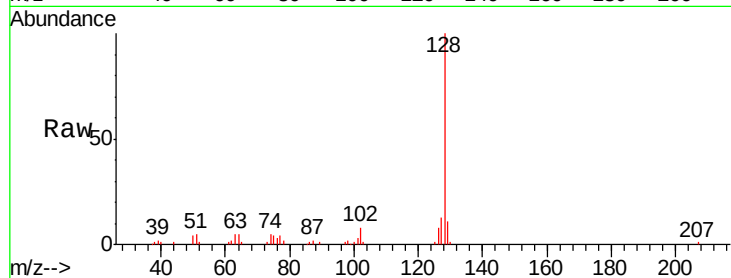
#95
Naphthalene
Concen: 9.299 ug/l
RT: 15.38 min Scan# 2210
Delta R.T. 0.00 min
Lab File: VW007180.D
Acq: 04 Dec 2018 11:38

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

Tgt Ion	Ratio	Lower	Upper
128	100		
127	13.7	10.3	15.5
129	10.4	8.6	13.0

Manual Integrations
APPROVED

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#96
1,2,3-Trichlorobenzene
Concen: 9.690 ug/l
RT: 15.57 min Scan# 2241
Delta R.T. 0.00 min
Lab File: VW007180.D
Acq: 04 Dec 2018 11:38

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.1	47.4	142.2
145	36.7	17.6	52.8

