

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW122018\
 Data File : VW007655.D
 Acq On : 18 Dec 2018 13:51
 Operator : SY/AP
 Sample : J6391-08MSD
 Misc : 4.32G/5ML/MSVOA_W/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 P001-SS016-0006-01MSD

Manual Integrations
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apatel
 12/19/2018 12:15:15 PM

Quant Time: Dec 19 04:40:26 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W121118S.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 11 02:58:16 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	33100	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	51550	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	39020	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	14343	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	18898	51.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.92%	
35) Dibromofluoromethane	7.88	113	16372	52.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.94%	
50) Toluene-d8	10.32	98	55657	47.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.14%	
62) 4-Bromofluorobenzene	12.62	95	15741	36.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	73.18%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.01	85	13264	57.344	ug/l	98
3) Chloromethane	2.21	50	8437	43.553	ug/l	100
4) Vinyl Chloride	2.36	62	12435	54.699	ug/l	100
5) Bromomethane	2.78	94	7333	48.009	ug/l	93
6) Chloroethane	2.92	64	6992	55.873	ug/l	95
7) Trichlorofluoromethane	3.26	101	15981	78.191	ug/l	99
8) Diethyl Ether	3.68	74	9474	59.225	ug/l	93
9) 1,1,2-Trichlorotrifluoroet	4.06	101	17015	50.453	ug/l	98
10) Methyl Iodide	4.26	142	26420	47.302	ug/l	96
11) Tert butyl alcohol	5.16	59	7470	296.193	ug/l	97
12) 1,1-Dichloroethene	4.03	96	17235	53.079	ug/l	96
13) Acrolein	3.90	56	1760	105.465	ug/l	99
14) Allyl chloride	4.66	41	22892	47.830	ug/l	96
15) Acrylonitrile	5.37	53	16727	248.044	ug/l	99
16) Acetone	4.12	43	16367	255.168	ug/l	98
17) Carbon Disulfide	4.37	76	49465	50.243	ug/l #	94
18) Methyl Acetate	4.67	43	28383	163.038	ug/l	99
19) Methyl tert-butyl Ether	5.42	73	35705	72.892	ug/l	94
20) Methylene Chloride	4.90	84	18566	53.179	ug/l	94
21) trans-1,2-Dichloroethene	5.42	96	18977	52.245	ug/l	97
22) Diisopropyl ether	6.31	45	47326	51.443	ug/l	95
23) Vinyl Acetate	6.31	43	36861m	71.635	ug/l	
24) 1,1-Dichloroethane	6.21	63	32544	52.341	ug/l	98
25) 2-Butanone	7.17	43	22938	273.927	ug/l	99
26) 2,2-Dichloropropane	7.16	77	28598	69.497	ug/l	97
27) cis-1,2-Dichloroethene	7.17	96	19884	49.995	ug/l	96
28) Bromochloromethane	7.51	49	12113	51.792	ug/l	96
29) Tetrahydrofuran	7.52	42	15187	286.485	ug/l	92
30) Chloroform	7.68	83	35357	52.254	ug/l	99
31) Cyclohexane	7.95	56	22431	39.320	ug/l	96
32) 1,1,1-Trichloroethane	7.87	97	33643	56.699	ug/l	98
36) 1,1-Dichloropropene	8.08	75	25039	53.245	ug/l	98
37) Ethyl Acetate	7.26	43	4129	23.607	ug/l #	80
38) Carbon Tetrachloride	8.07	117	29717	58.078	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	21868	38.403	ug/l	95
40) Benzene	8.32	78	71457	54.754	ug/l	99
41) Methacrylonitrile	7.49	41	4735m	47.540	ug/l	
42) 1,2-Dichloroethane	8.40	62	25241	61.571	ug/l	100
43) Isopropyl Acetate	8.43	43	10144	29.361	ug/l #	82
44) Trichloroethene	9.09	130	20125	54.003	ug/l	99
45) 1,2-Dichloropropane	9.37	63	16598	54.960	ug/l	98
46) Dibromomethane	9.46	93	10312	60.127	ug/l	97
47) Bromodichloromethane	9.65	83	25358	56.369	ug/l	100
48) Methyl methacrylate	9.44	41	11532	64.992	ug/l	99
49) 1,4-Dioxane	9.45	88	3441	1236.546	ug/l	98
51) 4-Methyl-2-Pentanone	10.21	43	49648	304.132	ug/l	98
52) Toluene	10.39	92	43553	51.569	ug/l	99
53) t-1,3-Dichloropropene	10.60	75	22326	51.121	ug/l	98
54) cis-1,3-Dichloropropene	10.07	75	24013	47.563	ug/l	95
55) 1,1,2-Trichloroethane	10.79	97	13832	59.259	ug/l	95
56) Ethyl methacrylate	10.65	69	7416	26.433	ug/l #	74
57) 1,3-Dichloropropane	10.93	76	22996	60.023	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.92	63	34253	264.751	ug/l	98
59) 2-Hexanone	10.97	43	30452	279.757	ug/l	99
60) Dibromochloromethane	11.13	129	16840	57.168	ug/l	99
61) 1,2-Dibromoethane	11.24	107	13415	58.157	ug/l	95
64) Tetrachloroethene	10.86	164	13997	49.882	ug/l	93
65) Chlorobenzene	11.66	112	42917	52.769	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.73	131	16614	58.001	ug/l	97
67) Ethyl Benzene	11.73	91	75701	54.138	ug/l #	86
68) m/p-Xylenes	11.84	106	57558	105.884	ug/l	100
69) o-Xylene	12.17	106	27565	54.296	ug/l	99
70) Styrene	12.18	104	42866	52.275	ug/l	97
71) Bromoform	12.35	173	9075	61.897	ug/l #	97
73) Isopropylbenzene	12.47	105	71365	64.935	ug/l	98
74) N-amyl acetate	12.27	43	4558	22.820	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.72	83	13170	80.908	ug/l	91
76) 1,2,3-Trichloropropane	12.77	75	10894m	92.117	ug/l	
77) Bromobenzene	12.75	156	15887	65.215	ug/l	95
78) n-propylbenzene	12.80	91	74814	60.488	ug/l	100
79) 2-Chlorotoluene	12.90	91	43760	58.473	ug/l	98
80) 1,3,5-Trimethylbenzene	12.95	105	55766	60.389	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.52	75	4116	76.882	ug/l	91
82) 4-Chlorotoluene	12.99	91	45789	58.043	ug/l	96
83) tert-Butylbenzene	13.21	119	49000	60.220	ug/l	98
84) 1,2,4-Trimethylbenzene	13.26	105	56111	59.047	ug/l	99
85) sec-Butylbenzene	13.39	105	60621	54.575	ug/l	97
86) p-Isopropyltoluene	13.51	119	53636	53.749	ug/l	99
87) 1,3-Dichlorobenzene	13.51	146	25683	52.878	ug/l	97
88) 1,4-Dichlorobenzene	13.58	146	26062	53.373	ug/l	97
89) n-Butylbenzene	13.83	91	41833	45.220	ug/l	100
90) Hexachloroethane	14.10	117	9705	54.659	ug/l	99
91) 1,2-Dichlorobenzene	13.87	146	22529	51.787	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.49	75	2623	80.298	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	9448	31.558	ug/l	97
94) Hexachlorobutadiene	15.24	225	4635	29.179	ug/l	98
95) Naphthalene	15.38	128	24957	43.576	ug/l	98
96) 1,2,3-Trichlorobenzene	15.57	180	8072	31.038	ug/l	98

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

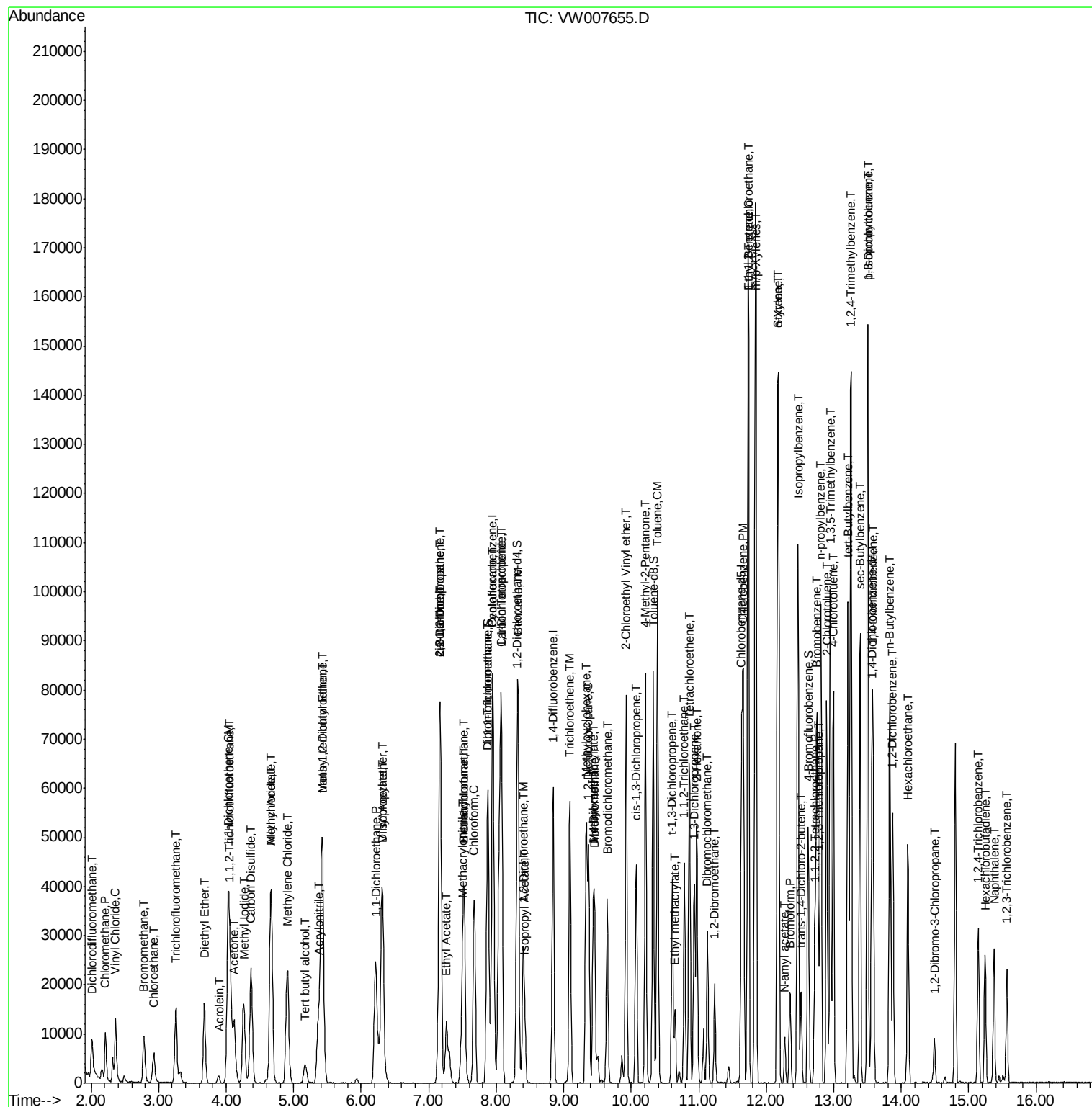
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW122018\
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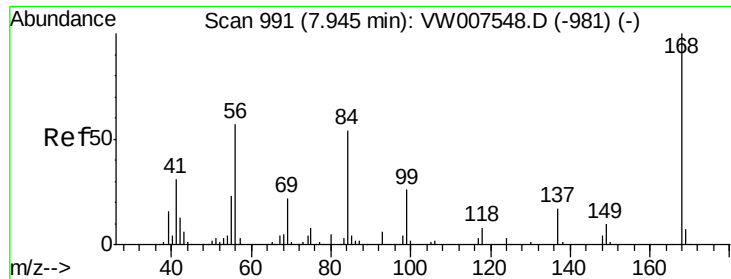
Instrument :
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.01 min

Lab File: VW007655.D

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Instrument :

MSVOA_W

ClientSampleId :

P001-SS016-0006-01MSD

Tgt Ion: 168 Resp: 33100

Ion Ratio Lower Upper

168 100

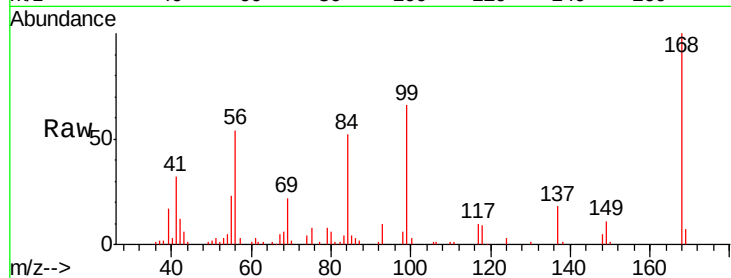
99 65.5 48.3 72.5

Manual Integrations

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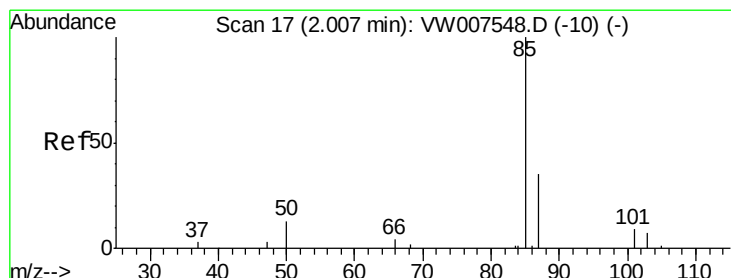
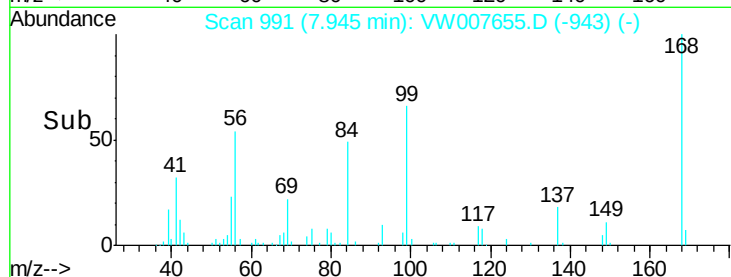
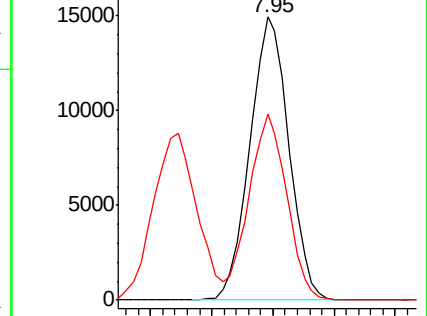
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#2

Dichlorodifluoromethane

Concen: 57.344 ug/l

RT: 2.01 min Scan# 17

Delta R.T. 0.00 min

Lab File: VW007655.D

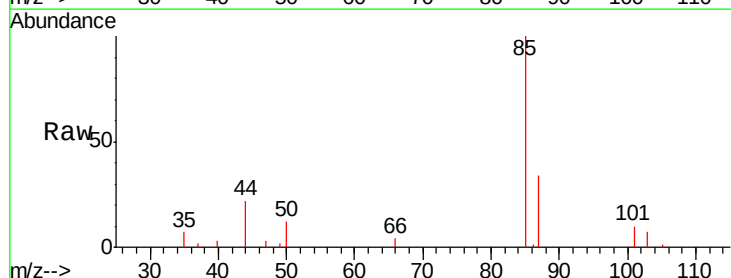
Acq: 18 Dec 2018 13:51

Tgt Ion: 85 Resp: 13264

Ion Ratio Lower Upper

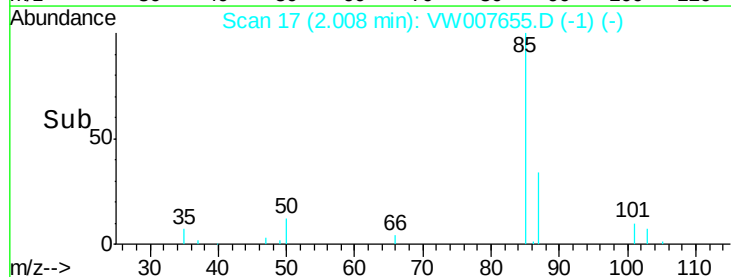
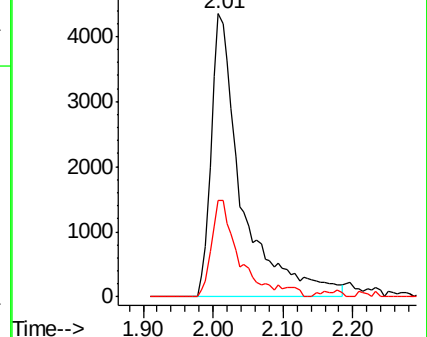
85 100

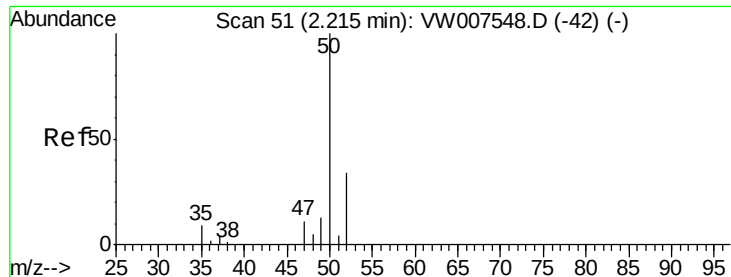
87 34.0 16.6 49.7



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW





#3

Chloromethane

Concen: 43.553 ug/l

RT: 2.21 min Scan# 50

Delta R.T. -0.01 min

Lab File: VW007655.D

Acq: 18 Dec 2018 13:51

Instrument :

MSVOA_W

ClientSampleId :

P001-SS016-0006-01MSD

Tgt Ion: 50 Resp: 8437

Ion Ratio Lower Upper

50 100

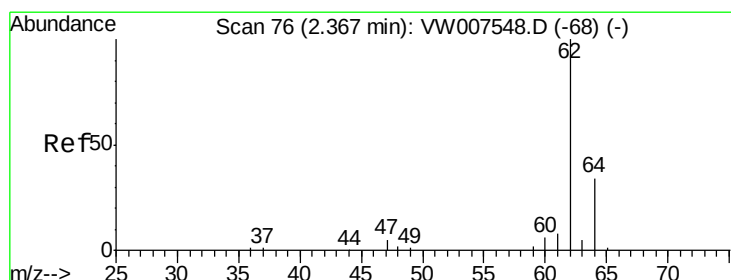
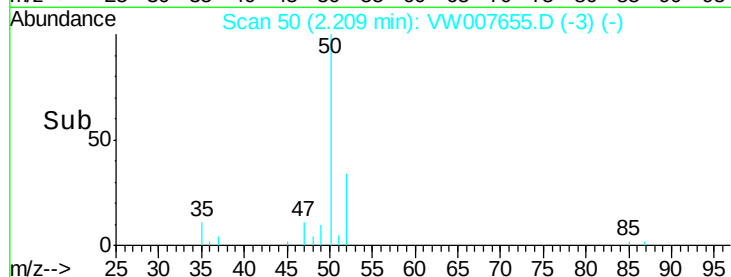
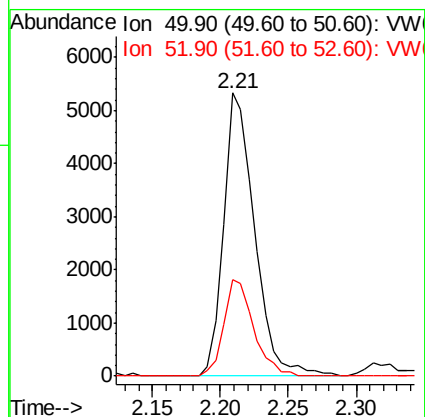
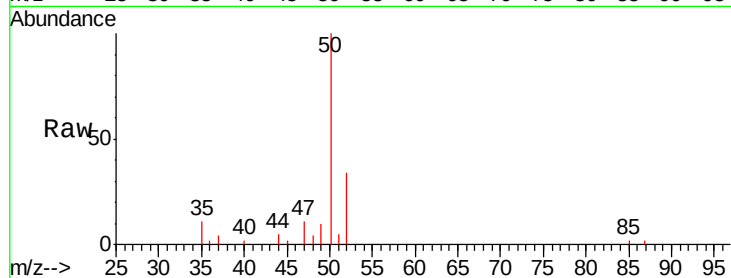
52 34.0 27.4 41.0

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#4

Vinyl Chloride

Concen: 54.699 ug/l

RT: 2.36 min Scan# 75

Delta R.T. -0.01 min

Lab File: VW007655.D

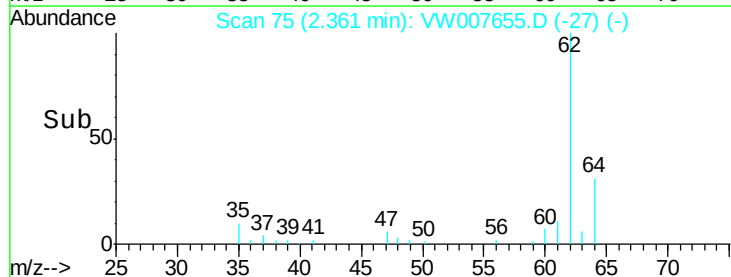
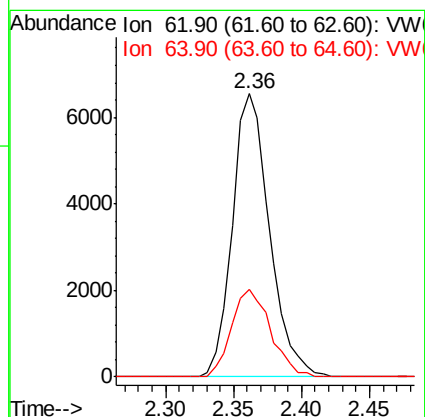
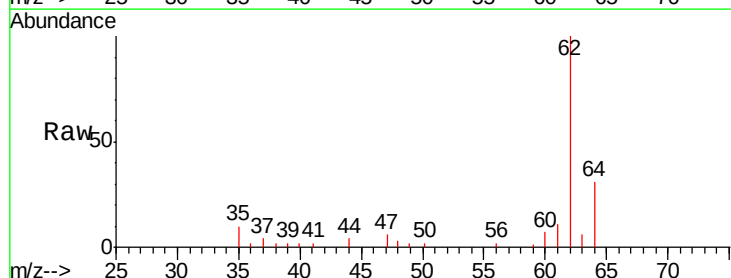
Acq: 18 Dec 2018 13:51

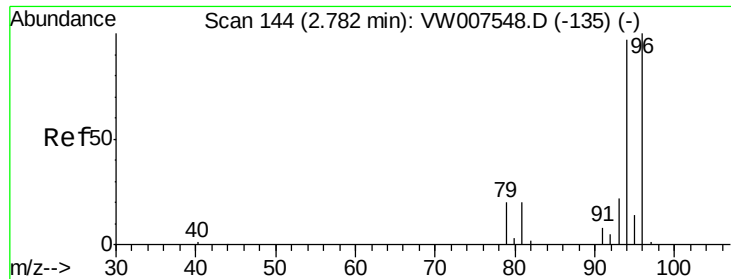
Tgt Ion: 62 Resp: 12435

Ion Ratio Lower Upper

62 100

64 31.0 24.6 37.0





#5

Bromomethane

Concen: 48.009 ug/l

RT: 2.78 min Scan# 144

Delta R.T. 0.01 min

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Tgt Ion: 94 Resp: 7333

Ion Ratio Lower Upper

94 100

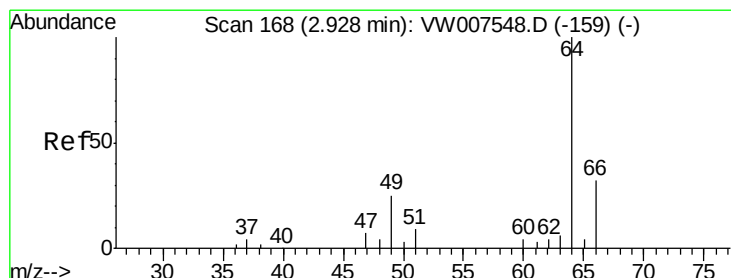
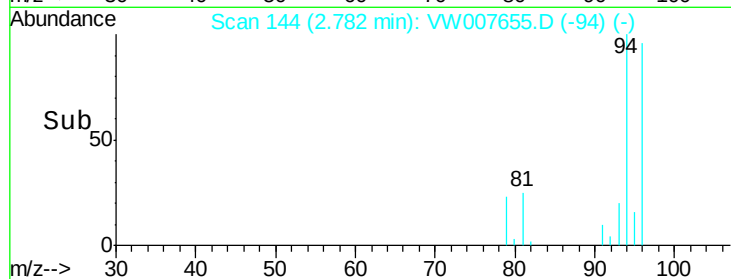
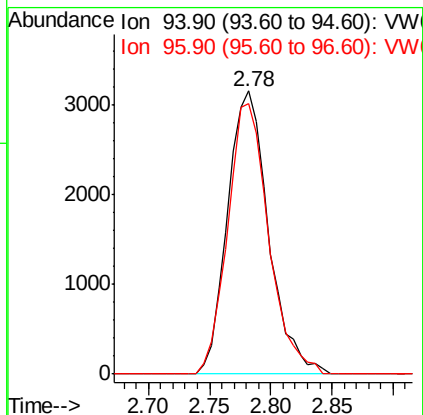
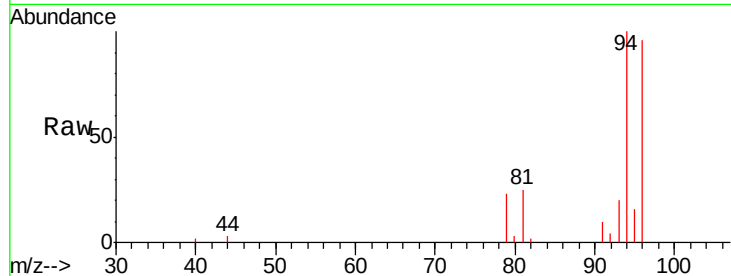
96 95.6 71.0 106.4

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#6

Chloroethane

Concen: 55.873 ug/l

RT: 2.92 min Scan# 167

Delta R.T. -0.01 min

Lab File: VW007655.D

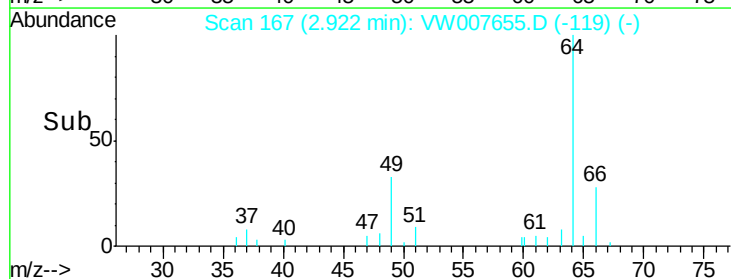
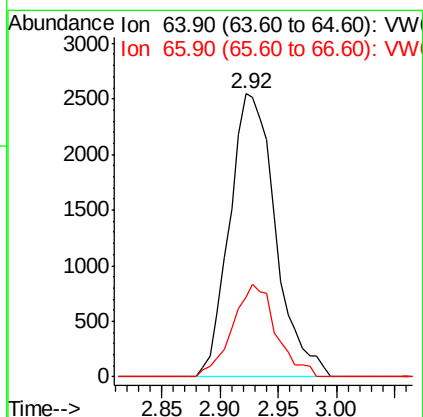
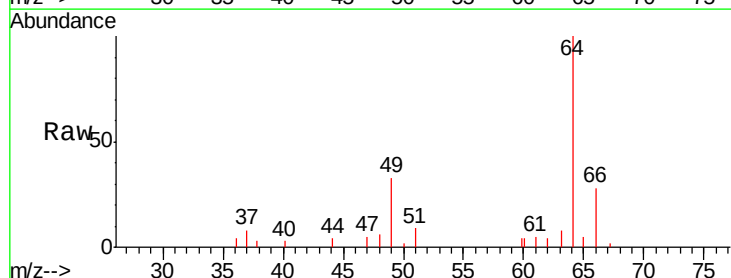
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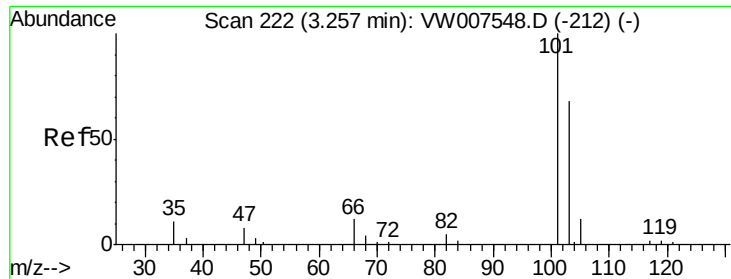
Tgt Ion: 64 Resp: 6992

Ion Ratio Lower Upper

64 100

66 28.3 24.6 37.0





#7

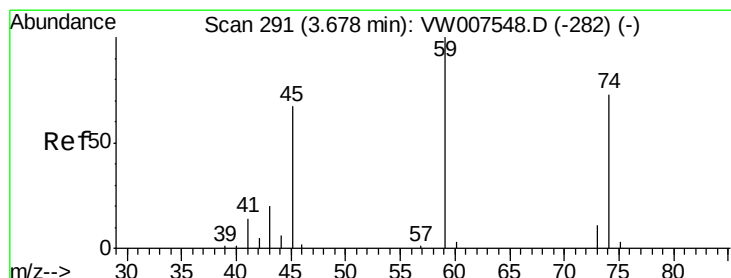
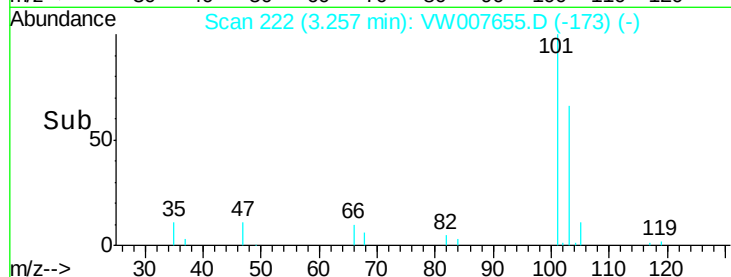
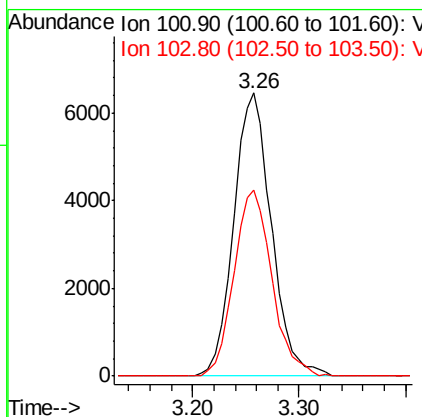
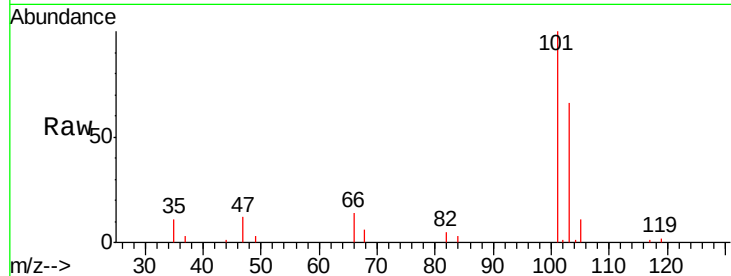
Trichlorofluoromethane
Concen: 78.191 ug/l
RT: 3.26 min Scan# 222
Delta R.T. 0.00 min
Lab File: VW007655.D
Acq: 18 Dec 2018 13:51

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P001-SS016-0006-01MSD

Tgt Ion: 101 Resp: 15981
Ion Ratio Lower Upper
101 100
103 65.6 51.7 77.5

Manual Integrations
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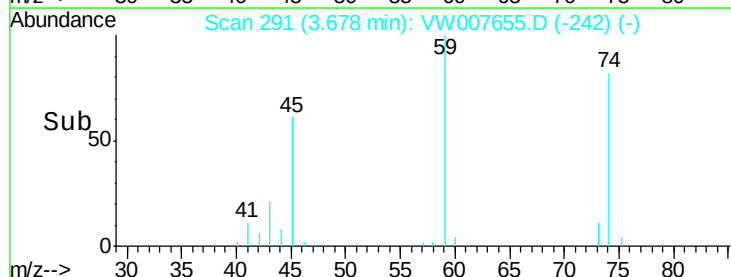
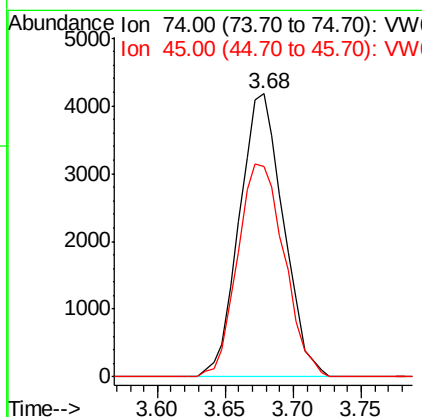
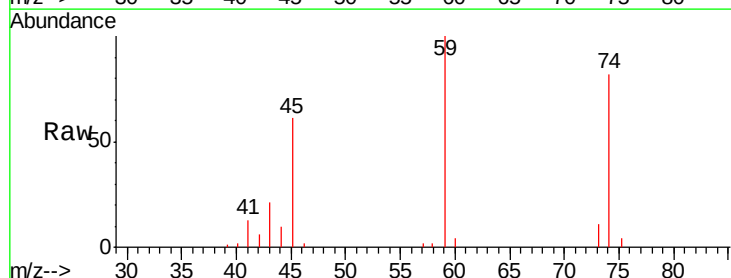
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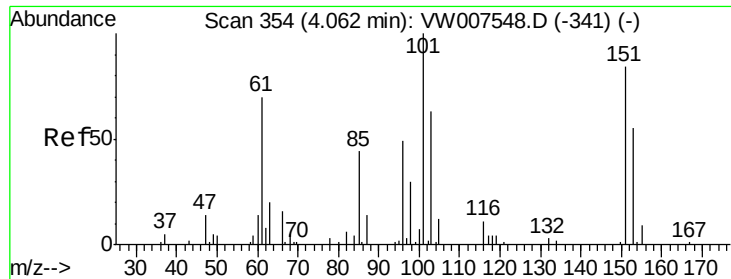


#8

Diethyl Ether
Concen: 59.225 ug/l
RT: 3.68 min Scan# 291
Delta R.T. 0.00 min
Lab File: VW007655.D
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Tgt Ion: 74 Resp: 9474
Ion Ratio Lower Upper
74 100
45 79.5 43.0 129.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 50.453 ug/l

RT: 4.06 min Scan# 353

Delta R.T. 0.01 min

Lab File: VW007655.D

Acq: 18 Dec 2018 13:51

Instrument :

MSVOA_W

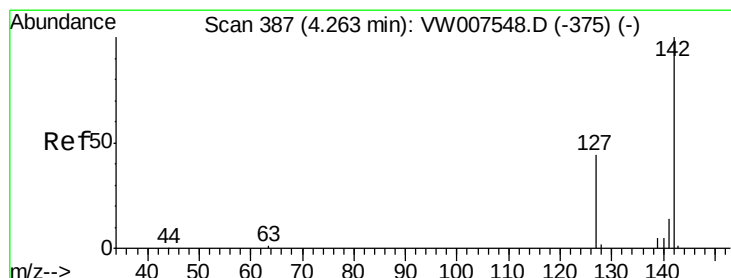
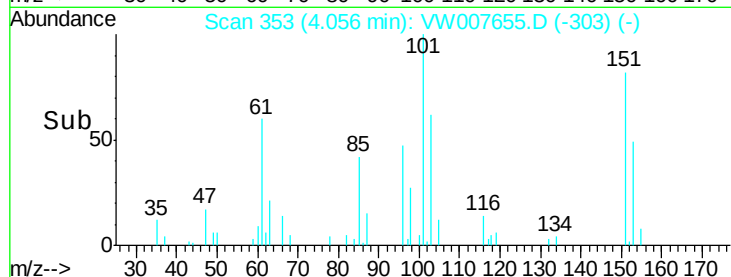
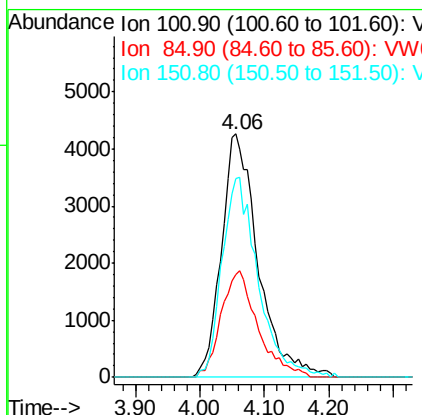
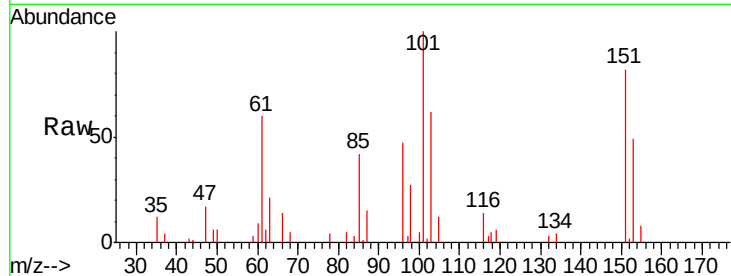
ClientSampleId :

P001-SS016-0006-01MSD

Tgt Ion:	101	Resp:	17015
Ion Ratio	Lower	Upper	
101	100		
85	43.7	33.9	50.9
151	81.0	63.7	95.5

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#10

Methyl Iodide

Concen: 47.302 ug/l

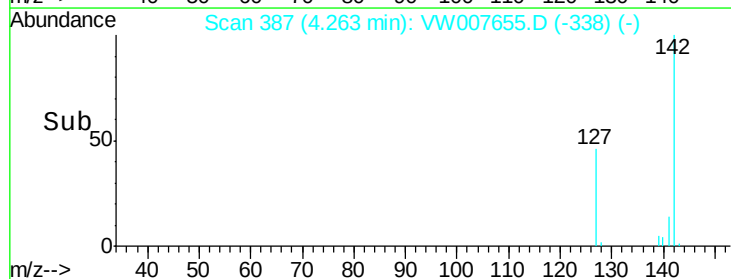
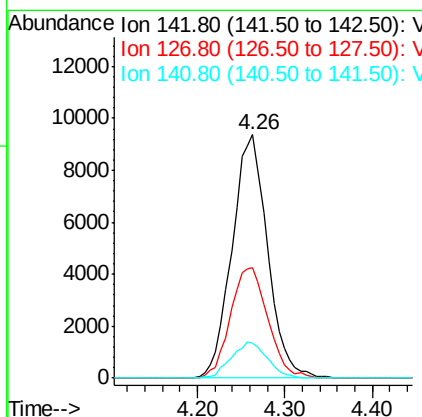
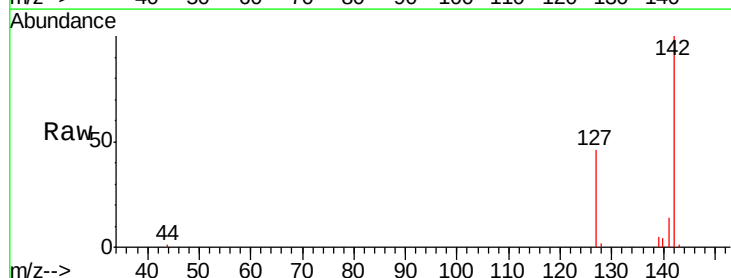
RT: 4.26 min Scan# 387

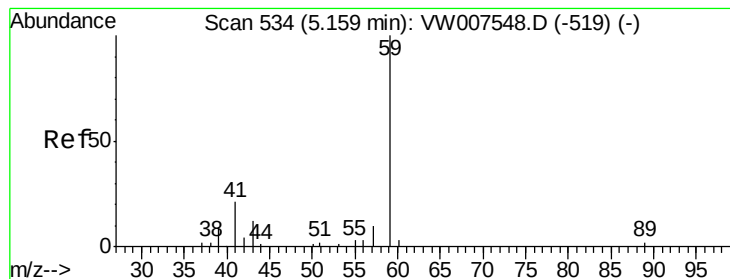
Delta R.T. 0.00 min

Lab File: VW007655.D

Acq: 18 Dec 2018 13:51

Tgt Ion:	142	Resp:	26420
Ion Ratio	Lower	Upper	
142	100		
127	47.8	35.8	53.6
141	14.9	11.1	16.7





#11

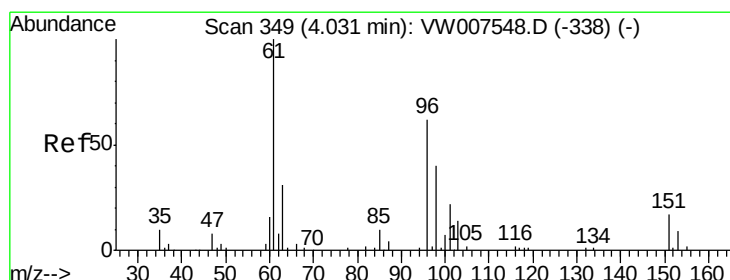
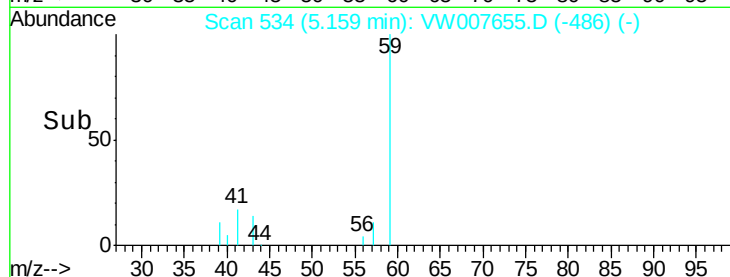
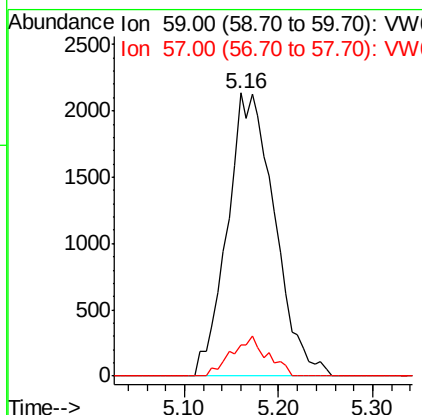
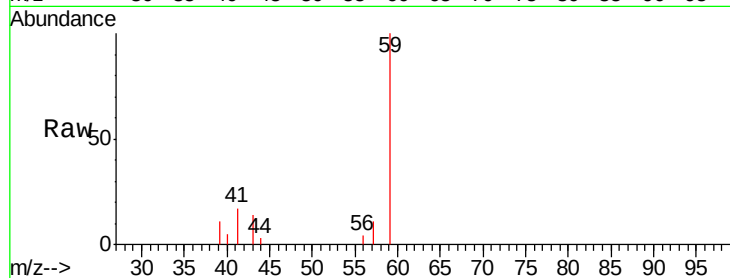
Tert butyl alcohol
Concen: 296.193 ug/l
RT: 5.16 min Scan# 534
Delta R.T. -0.01 min
Lab File: VW007655.D
Acq: 18 Dec 2018 13:51

Instrument :
MSVOA_W
ClientSampleId :
P001-SS016-0006-01MSD

Tgt Ion	Ratio	Lower	Upper
59	100		
57	10.7	7.6	11.4

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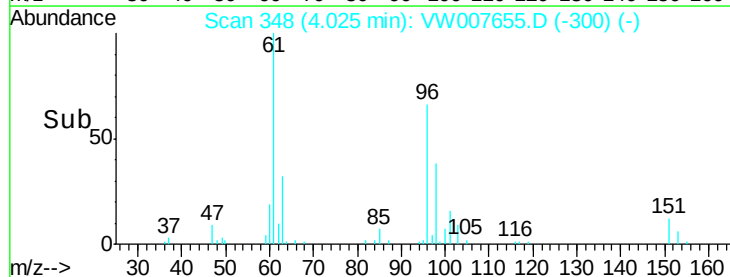
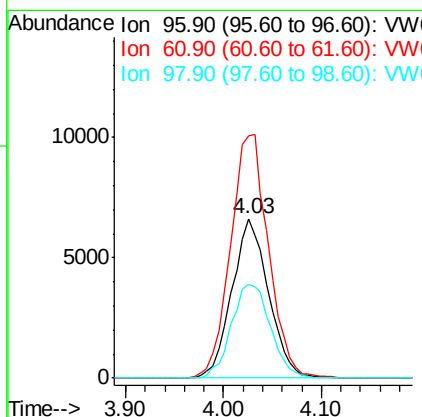
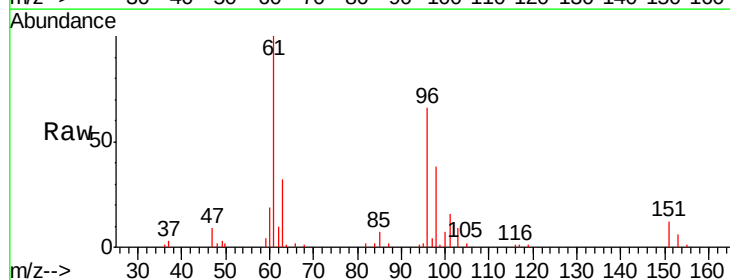
apatel
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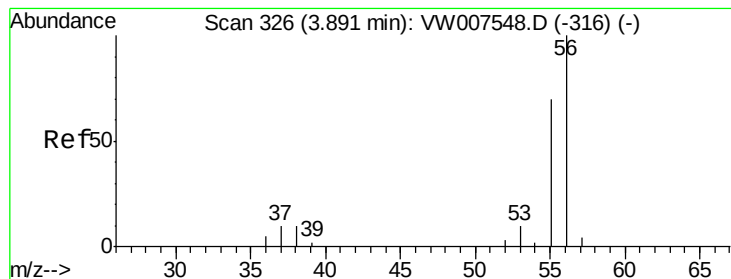


#12

1,1-Dichloroethene
Concen: 53.079 ug/l
RT: 4.03 min Scan# 348
Delta R.T. -0.01 min
Lab File: VW007655.D
Acq: 18 Dec 2018 13:51

Tgt Ion	Ratio	Lower	Upper
96	100		
61	152.0	126.2	189.2
98	58.4	48.3	72.5





#13

Acrolein

Concen: 105.465 ug/l

RT: 3.90 min Scan# 327

Delta R.T. 0.01 min

Lab File: VW007655.D

Acq: 18 Dec 2018 13:51

Instrument :

MSVOA_W

ClientSampleId :

P001-SS016-0006-01MSD

Tgt Ion: 56 Resp: 1760

Ion Ratio Lower Upper

56 100

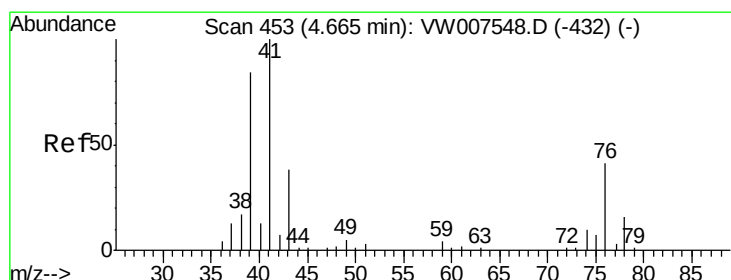
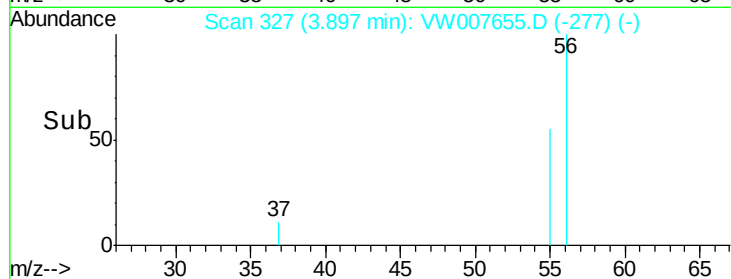
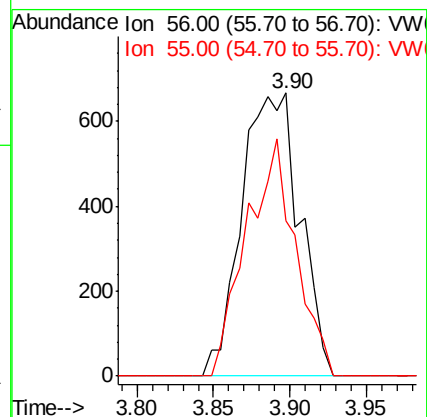
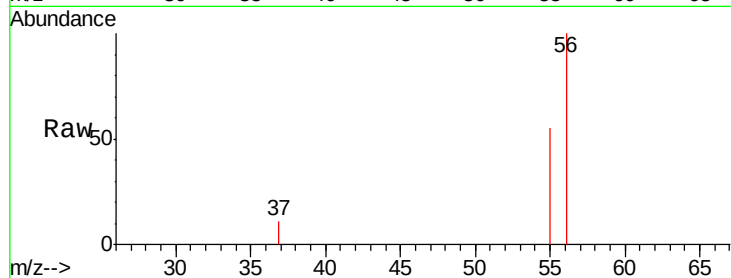
55 71.0 57.4 86.2

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#14

Allyl chloride

Concen: 47.830 ug/l

RT: 4.66 min Scan# 452

Delta R.T. 0.00 min

Lab File: VW007655.D

Acq: 18 Dec 2018 13:51

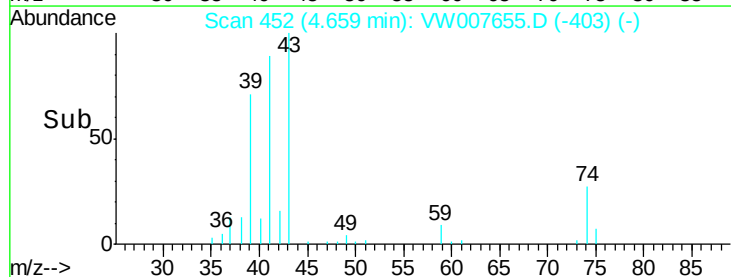
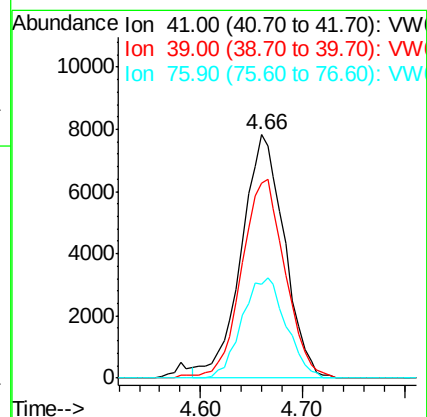
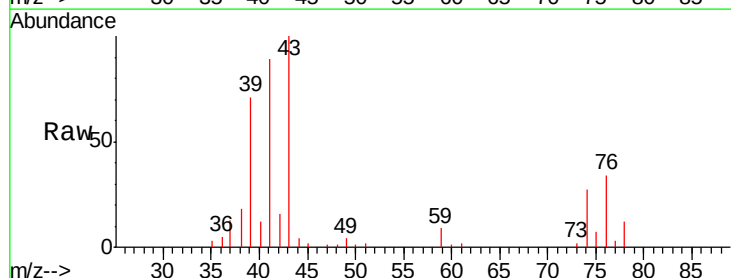
Tgt Ion: 41 Resp: 22892

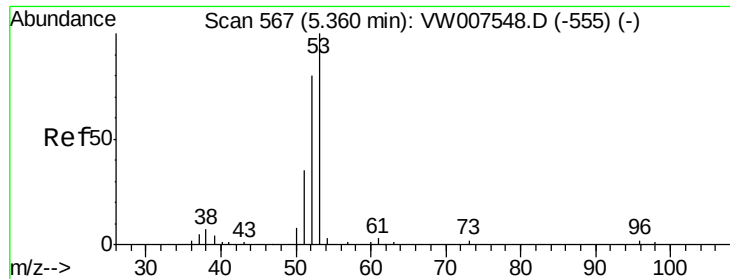
Ion Ratio Lower Upper

41 100

39 82.7 63.4 95.2

76 42.0 32.1 48.1





#15

Acrylonitrile

Concen: 248.044 ug/l

RT: 5.37 min Scan# 568

Delta R.T. 0.00 min

Lab File: VW007655.D

Acq: 18 Dec 2018 13:51

Instrument :

MSVOA_W

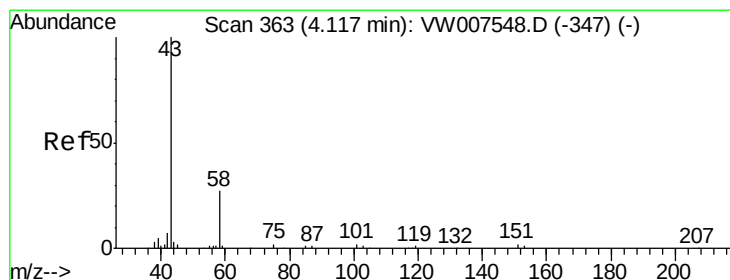
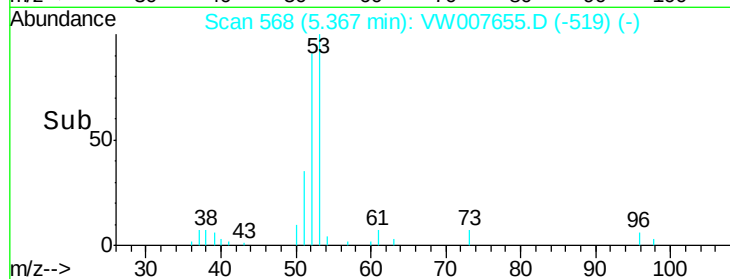
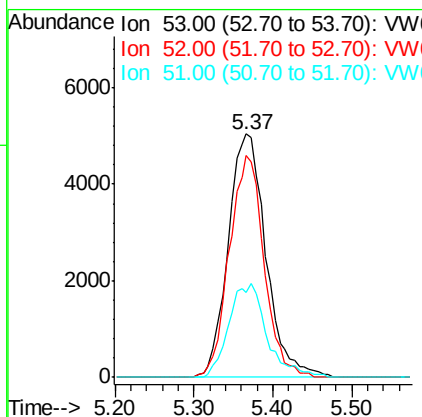
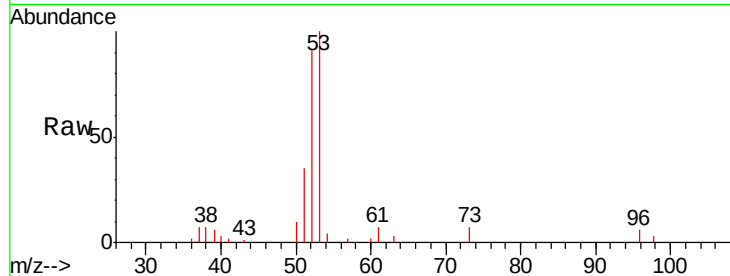
ClientSampleId :

P001-SS016-0006-01MSD

Tgt Ion:	53	Resp:	16727
Ion	Ratio	Lower	Upper
53	100		
52	84.0	67.4	101.2
51	38.7	30.2	45.2

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#16

Acetone

Concen: 255.168 ug/l

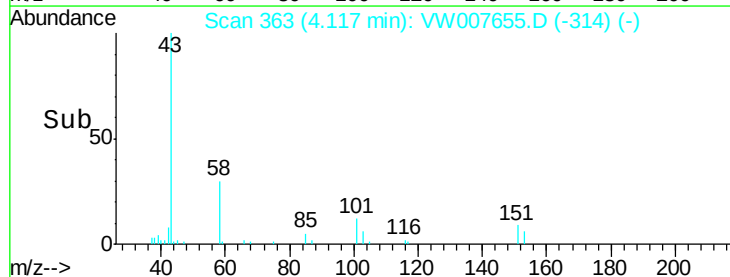
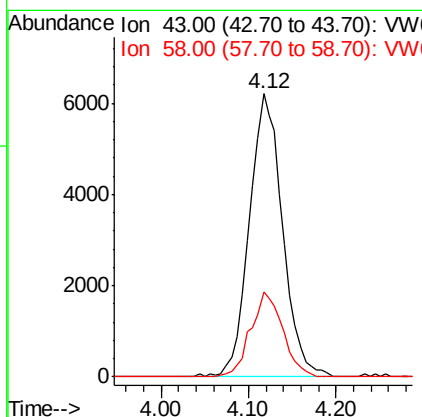
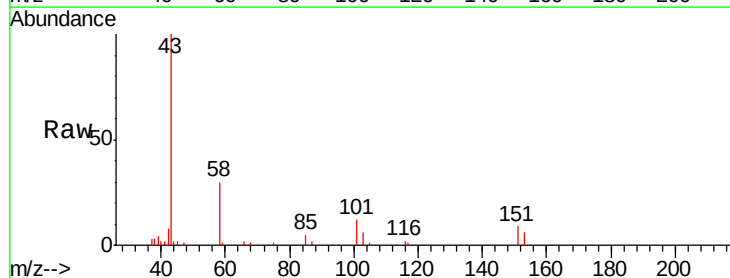
RT: 4.12 min Scan# 363

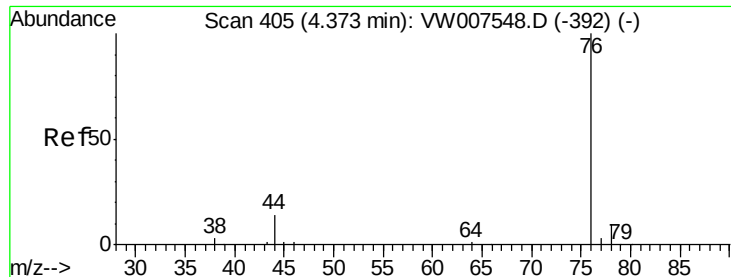
Delta R.T. 0.00 min

Lab File: VW007655.D

Acq: 18 Dec 2018 13:51

Tgt Ion:	43	Resp:	16367
Ion	Ratio	Lower	Upper
43	100		
58	30.1	24.9	37.3





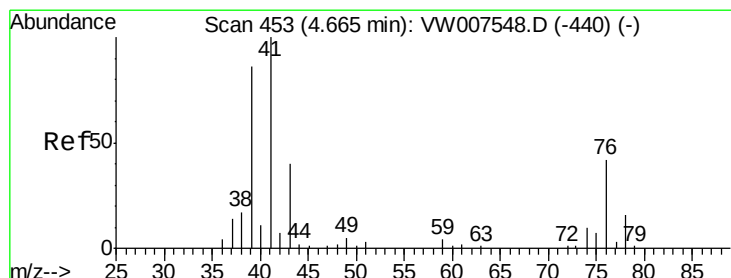
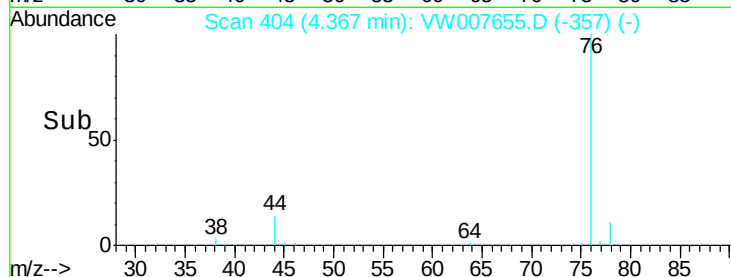
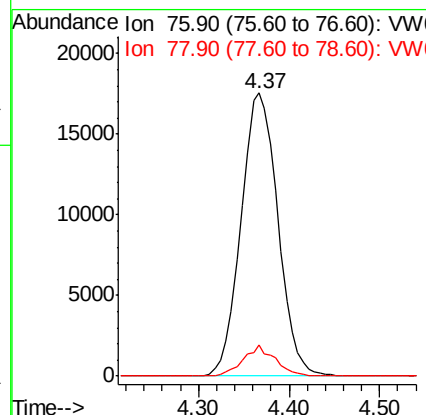
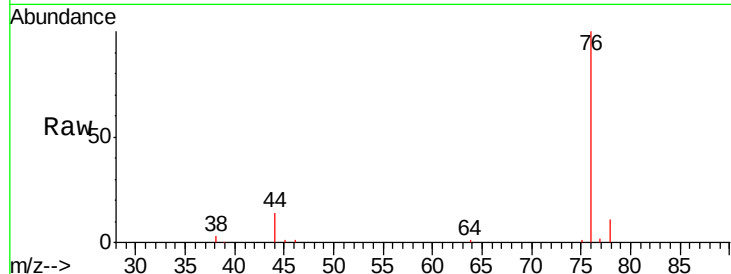
#17
Carbon Disulfide
Concen: 50.243 ug/l
RT: 4.37 min Scan# 404
Delta R.T. -0.01 min
Lab File: VW007655.D
Acq: 18 Dec 2018 13:51

Instrument :
MSVOA_W
ClientSampleId :
P001-SS016-0006-01MSD

Tgt Ion: 76 Resp: 49465
Ion Ratio Lower Upper
76 100
78 10.9 7.1 10.7#

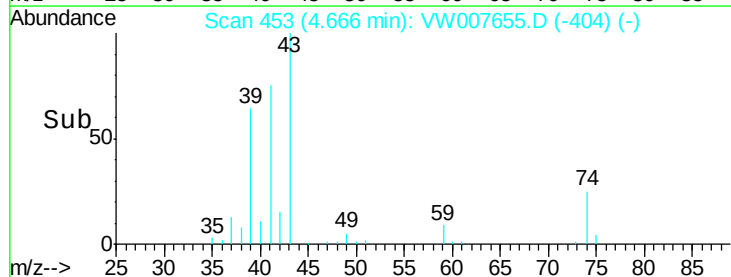
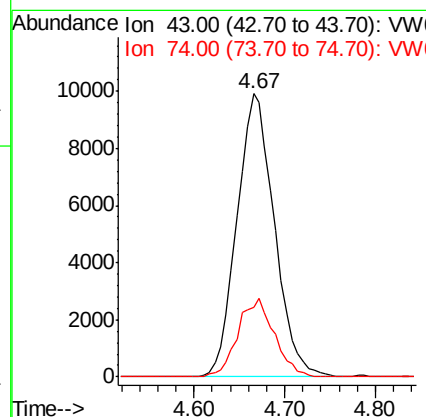
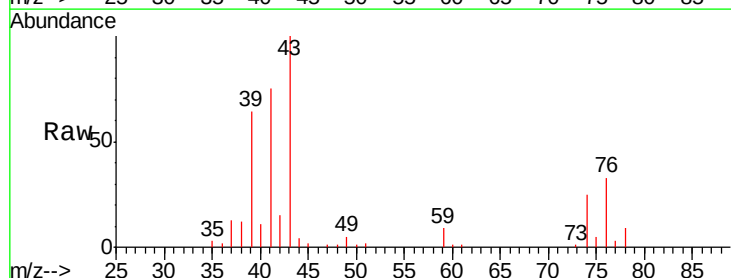
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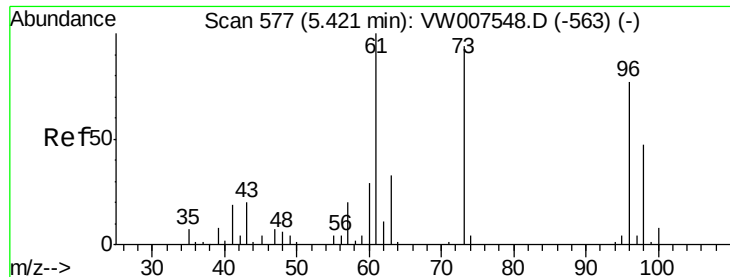
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#18
Methyl Acetate
Concen: 163.038 ug/l
RT: 4.67 min Scan# 453
Delta R.T. 0.00 min
Lab File: VW007655.D
Acq: 18 Dec 2018 13:51

Tgt Ion: 43 Resp: 28383
Ion Ratio Lower Upper
43 100
74 26.9 21.1 31.7





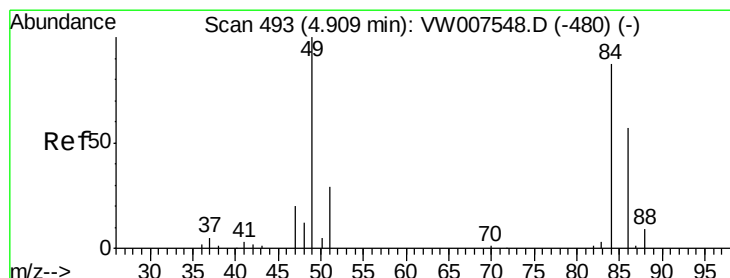
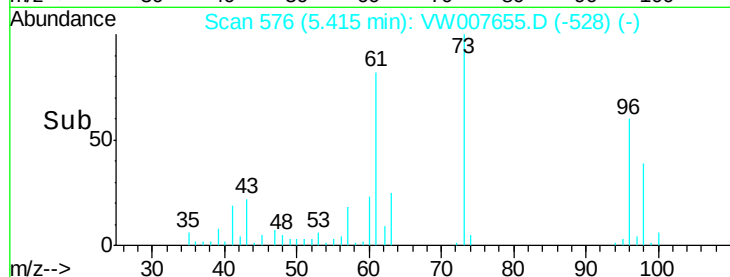
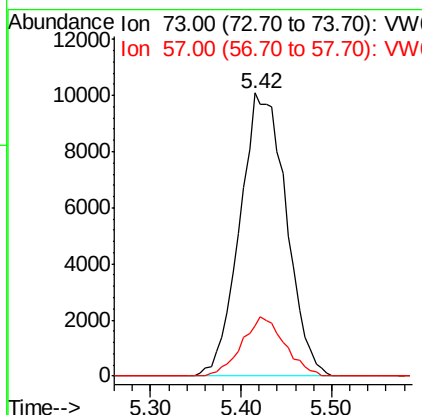
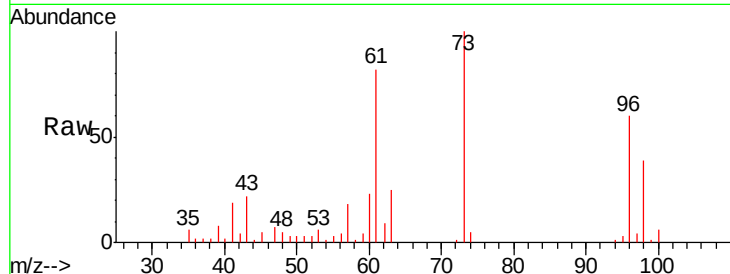
#19
Methyl tert-butyl Ether
Concen: 72.892 ug/l
RT: 5.42 min Scan# 576
Delta R.T. -0.01 min
Lab File: VW007655.D
Acq: 18 Dec 2018 13:51

Instrument :
MSVOA_W
ClientSampleId :
P001-SS016-0006-01MSD

Tgt Ion: 73 Resp: 35705
Ion Ratio Lower Upper
73 100
57 17.7 16.4 24.6

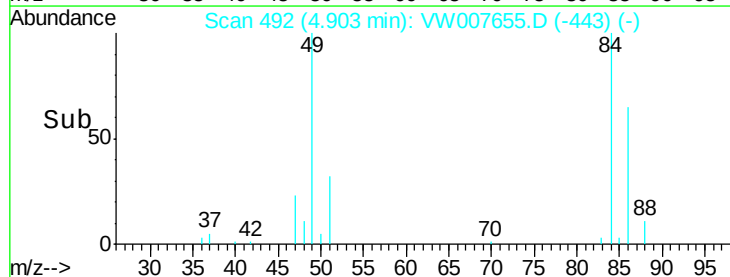
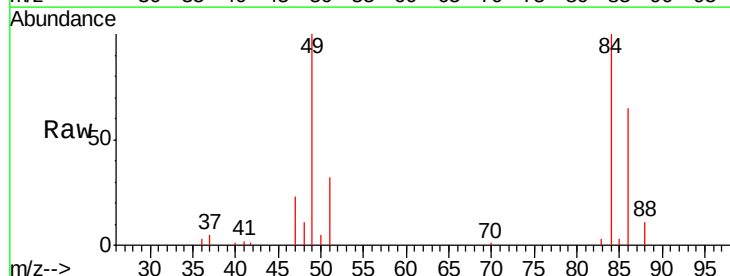
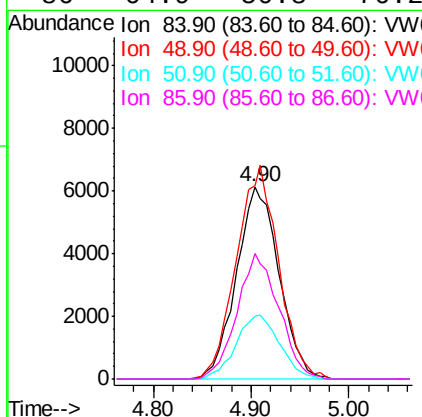
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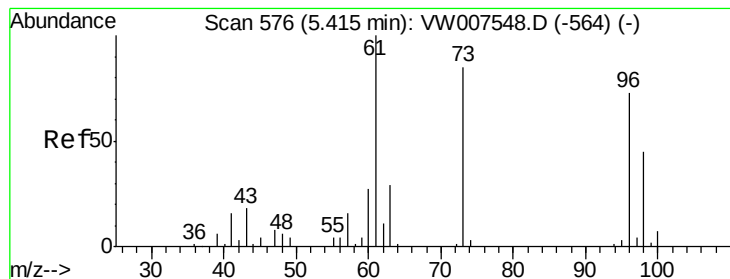
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#20
Methylene Chloride
Concen: 53.179 ug/l
RT: 4.90 min Scan# 492
Delta R.T. 0.00 min
Lab File: VW007655.D
Acq: 18 Dec 2018 13:51

Tgt Ion: 84 Resp: 18566
Ion Ratio Lower Upper
84 100
49 100.4 87.1 130.7
51 32.3 28.2 42.2
86 64.9 50.8 76.2





#21

trans-1,2-Dichloroethene

Concen: 52.245 ug/l

RT: 5.42 min Scan# 577

Delta R.T. 0.01 min

Lab File: VW007655.D

Acq: 18 Dec 2018 13:51

Instrument :

MSVOA_W

ClientSampleId :

P001-SS016-0006-01MSD

Tgt Ion: 96 Resp: 18977

Ion Ratio Lower Upper

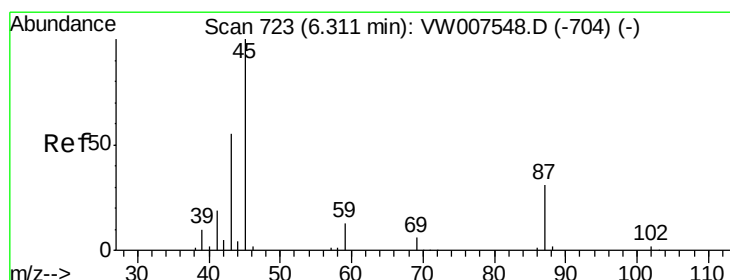
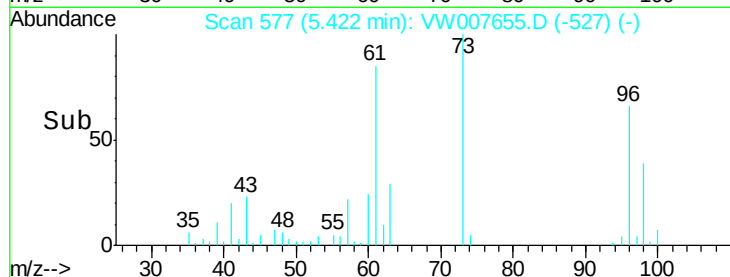
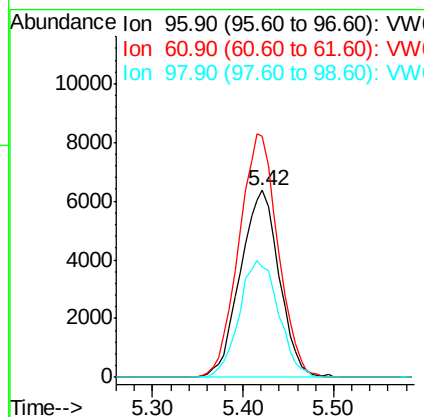
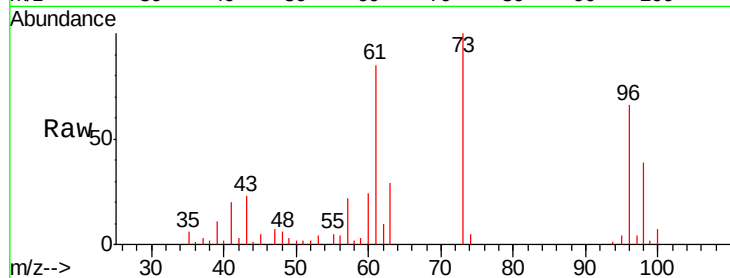
96 100

61 128.8 105.0 157.6

98 59.4 49.7 74.5

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#22

Diisopropyl ether

Concen: 51.443 ug/l

RT: 6.31 min Scan# 723

Delta R.T. 0.00 min

Lab File: VW007655.D

Acq: 18 Dec 2018 13:51

Tgt Ion: 45 Resp: 47326

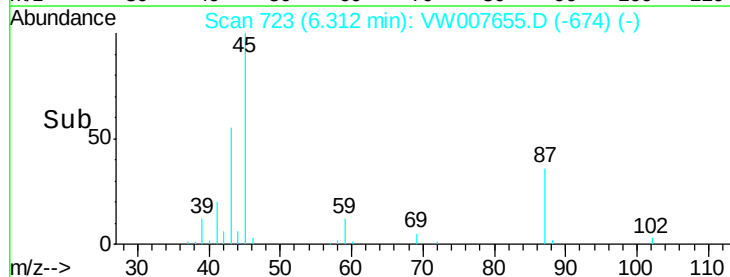
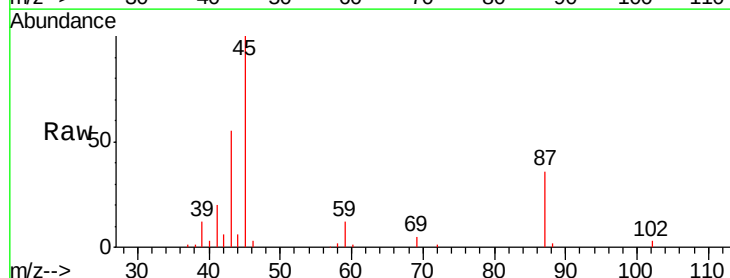
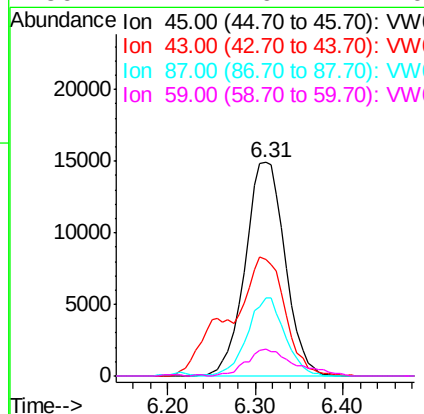
Ion Ratio Lower Upper

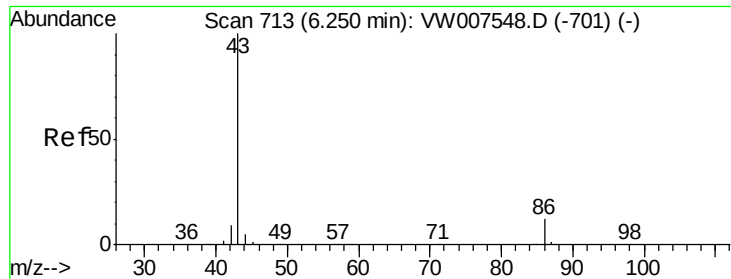
45 100

43 54.2 41.6 62.4

87 36.3 24.3 36.5

59 12.4 9.4 14.0





#23

Vinyl Acetate

Concen: 71.635 ug/l m

RT: 6.31 min Scan# 722

Delta R.T. 0.05 min

Lab File: VW007655.D

Acq: 18 Dec 2018 13:51

Instrument :

MSVOA_W

ClientSampleId :

P001-SS016-0006-01MSD

Tgt Ion: 43 Resp: 36861

Ion Ratio Lower Upper

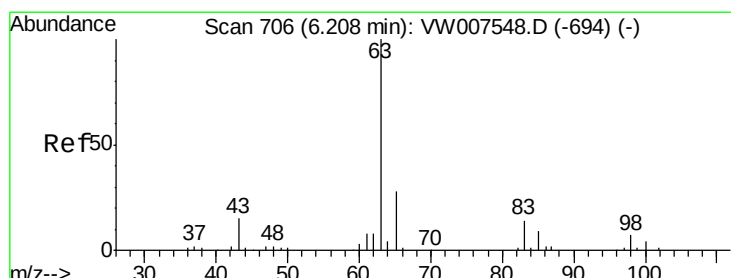
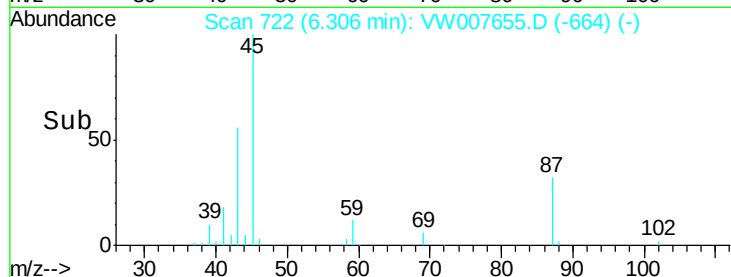
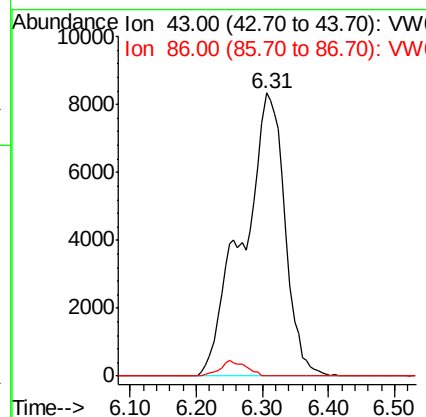
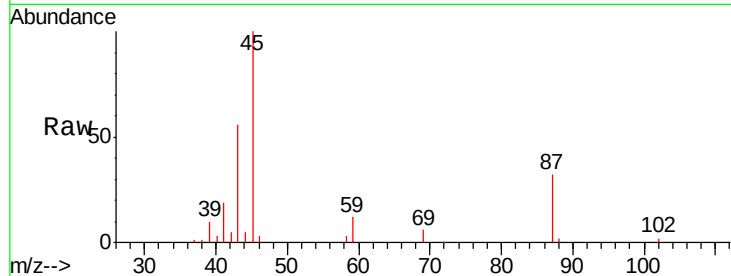
43 100

86 0.0 8.6 12.8#

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#24

1,1-Dichloroethane

Concen: 52.341 ug/l

RT: 6.21 min Scan# 706

Delta R.T. -0.01 min

Lab File: VW007655.D

Acq: 18 Dec 2018 13:51

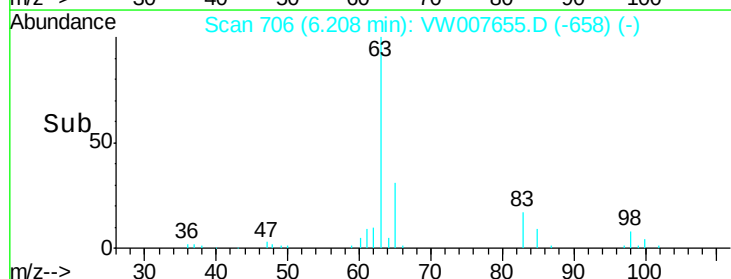
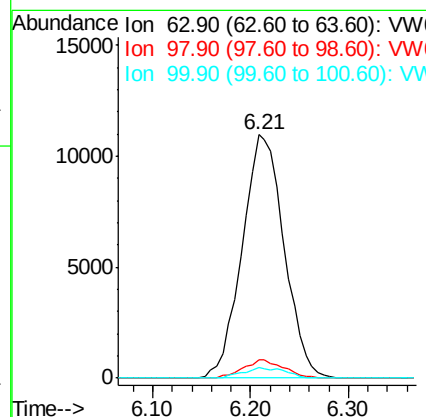
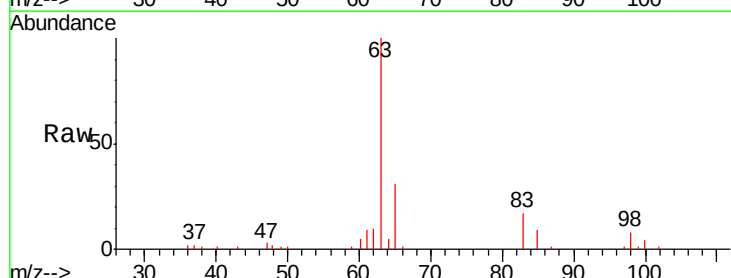
Tgt Ion: 63 Resp: 32544

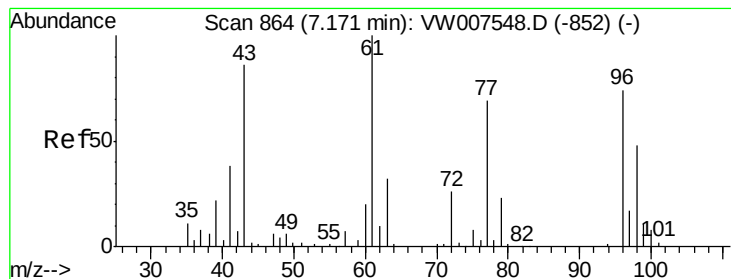
Ion Ratio Lower Upper

63 100

98 7.7 3.5 10.4

100 4.5 2.5 7.5





#25

2-Butanone

Concen: 273.927 ug/l

RT: 7.17 min Scan# 864

Delta R.T. 0.00 min

Lab File: VW007655.D

Acq: 18 Dec 2018 13:51

Instrument :

MSVOA_W

ClientSampleId :

P001-SS016-0006-01MSD

Tgt Ion: 43 Resp: 22938

Ion Ratio Lower Upper

43 100

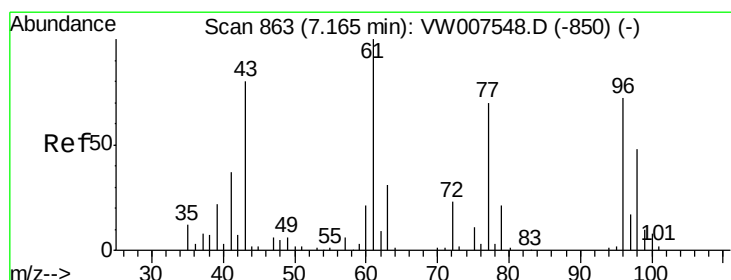
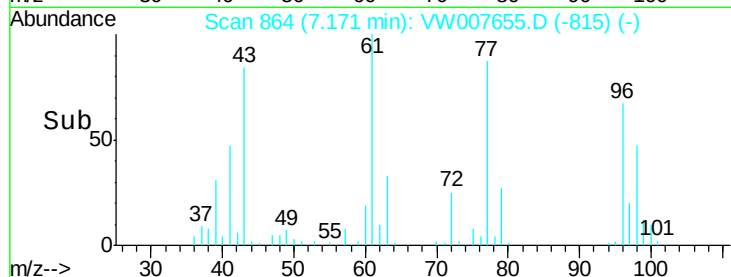
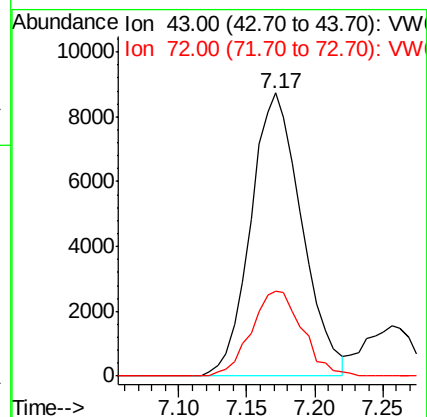
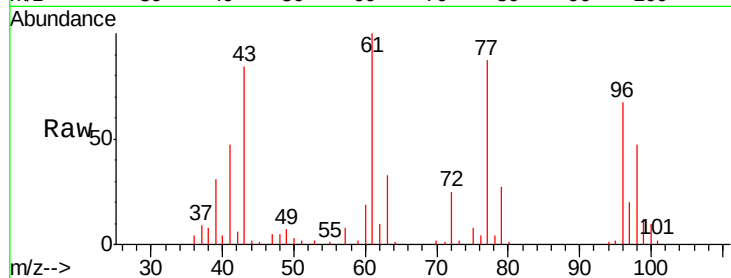
72 29.9 23.4 35.2

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#26

2,2-Dichloropropane

Concen: 69.497 ug/l

RT: 7.16 min Scan# 862

Delta R.T. -0.01 min

Lab File: VW007655.D

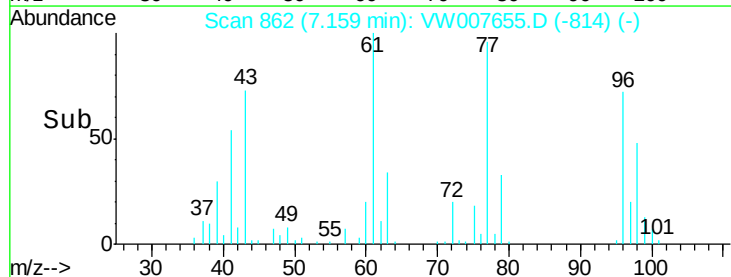
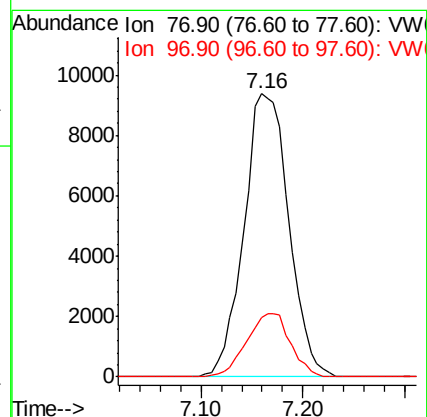
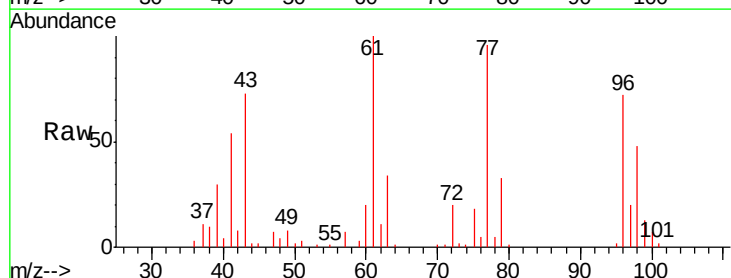
Acq: 18 Dec 2018 13:51

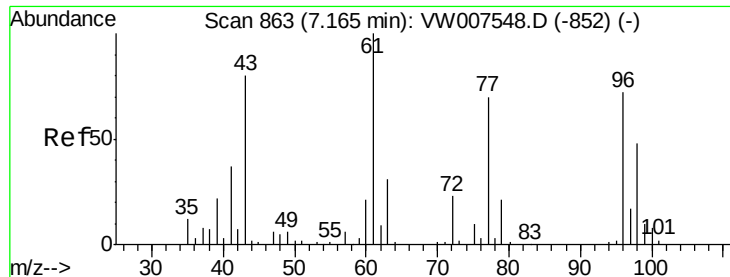
Tgt Ion: 77 Resp: 28598

Ion Ratio Lower Upper

77 100

97 21.9 11.6 34.8





#27

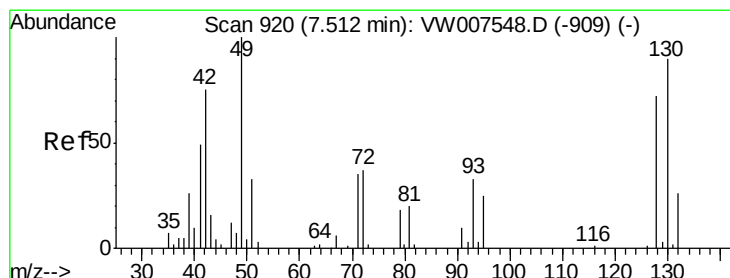
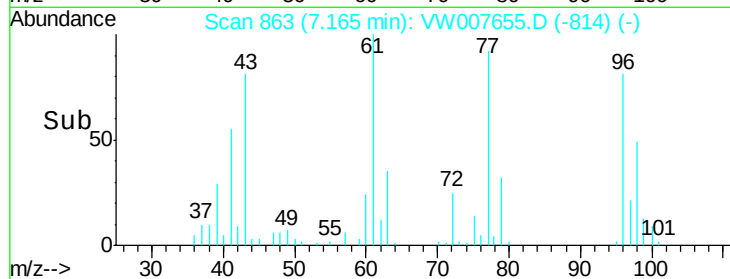
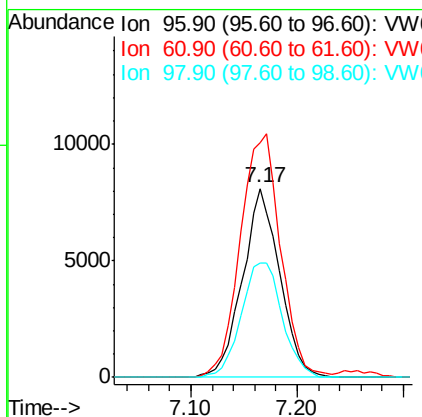
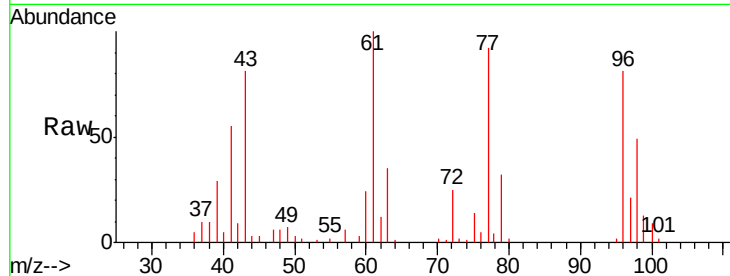
cis-1,2-Dichloroethene
Concen: 49.995 ug/l
RT: 7.17 min Scan# 863
Delta R.T. 0.00 min
Lab File: VW007655.D
Acq: 18 Dec 2018 13:51

Instrument :
MSVOA_W
ClientSampleId :
P001-SS016-0006-01MSD

Tgt Ion	Ratio	Lower	Upper
96	100		
61	140.0	0.0	268.4
98	66.6	0.0	127.8

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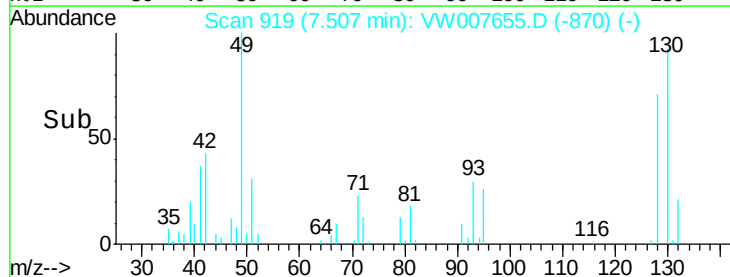
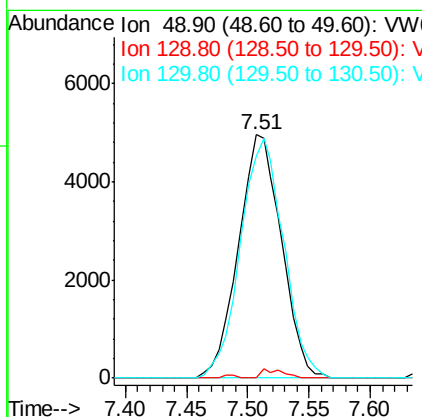
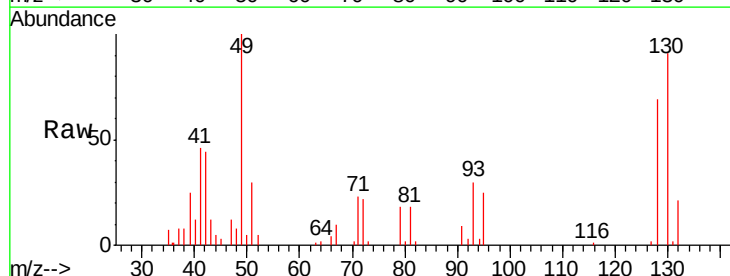
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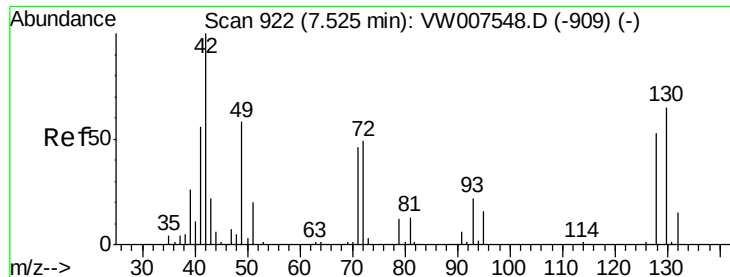


#28

Bromochloromethane
Concen: 51.792 ug/l
RT: 7.51 min Scan# 919
Delta R.T. 0.00 min
Lab File: VW007655.D
Acq: 18 Dec 2018 13:51

Tgt Ion	Ratio	Lower	Upper
49	100		
129	1.8	0.0	2.6
130	98.9	75.9	113.9





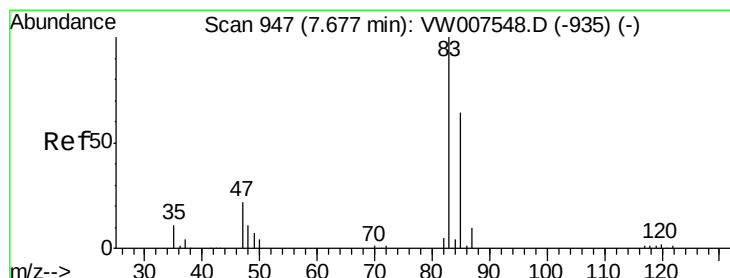
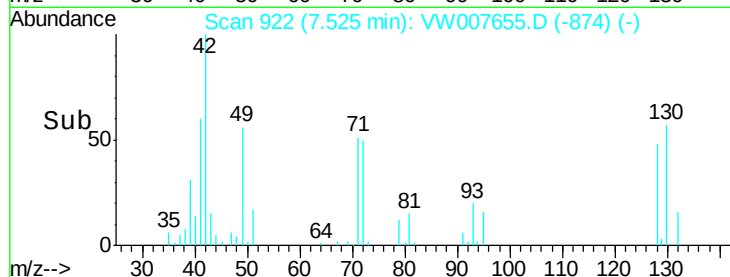
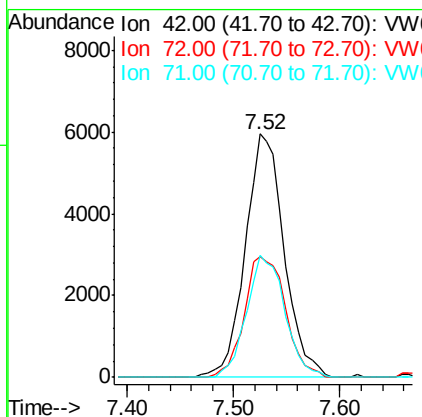
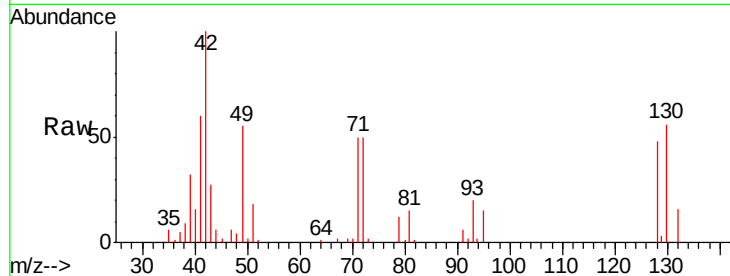
#29
Tetrahydrofuran
Concen: 286.485 ug/l
RT: 7.52 min Scan# 922
Delta R.T. -0.01 min
Lab File: VW007655.D
Acq: 18 Dec 2018 13:51

Instrument :
MSVOA_W
ClientSampleId :
P001-SS016-0006-01MSD

Tgt Ion	Ratio	Lower	Upper
42	100		
72	52.7	38.2	57.4
71	49.6	35.5	53.3

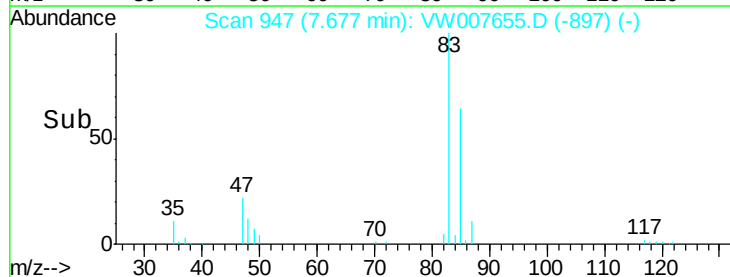
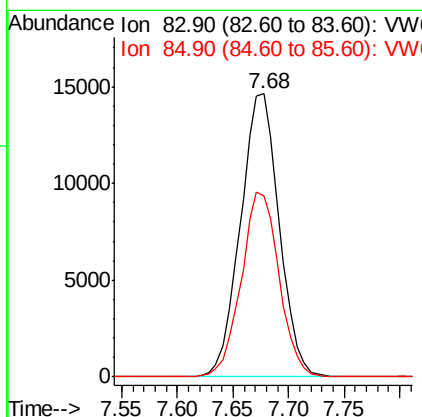
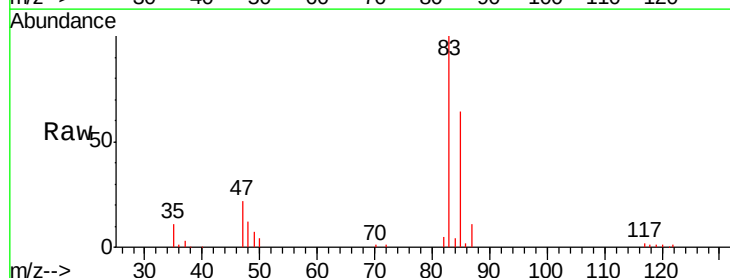
Manual Integrations
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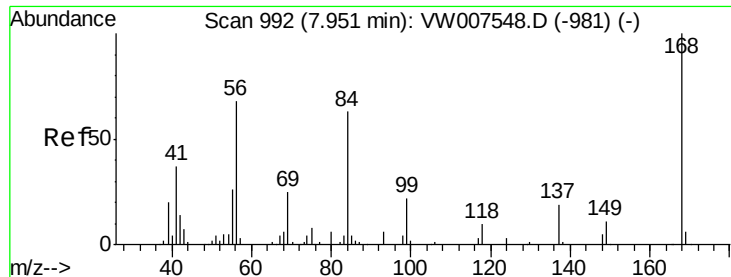
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#30
Chloroform
Concen: 52.254 ug/l
RT: 7.68 min Scan# 947
Delta R.T. 0.01 min
Lab File: VW007655.D
Acq: 18 Dec 2018 13:51

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.1	51.8	77.8





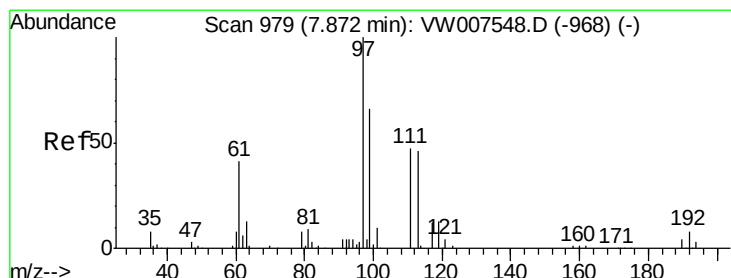
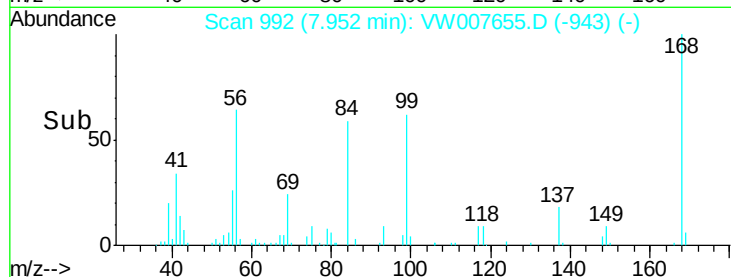
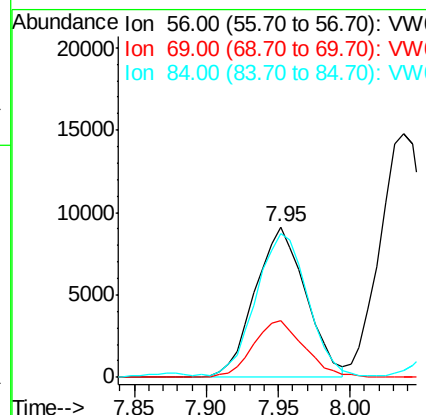
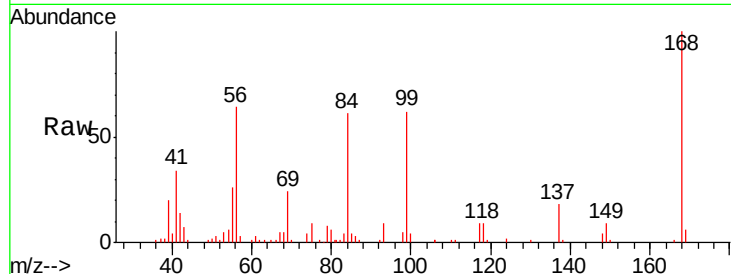
#31
Cyclohexane
Concen: 39.320 ug/l
RT: 7.95 min Scan# 992
Delta R.T. 0.00 min
Lab File: VW007655.D
Acq: 18 Dec 2018 13:51

Instrument :
MSVOA_W
ClientSampleId :
P001-SS016-0006-01MSD

Tgt Ion	Ratio	Lower	Upper
56	100		
69	37.7	28.9	43.3
84	93.9	71.8	107.6

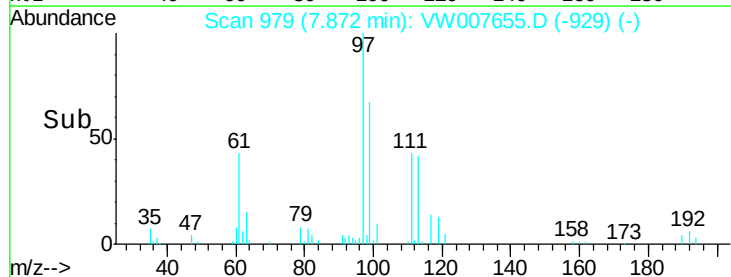
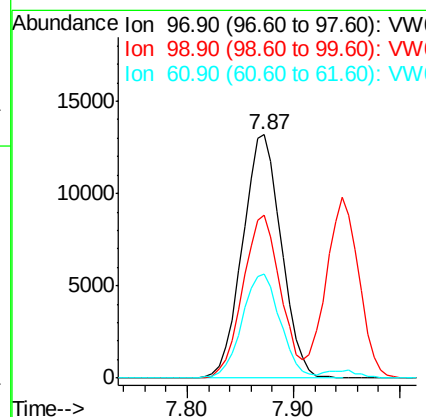
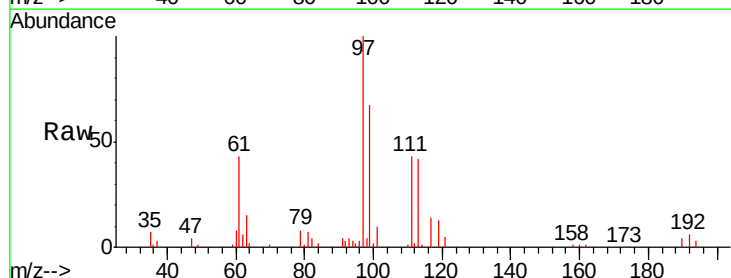
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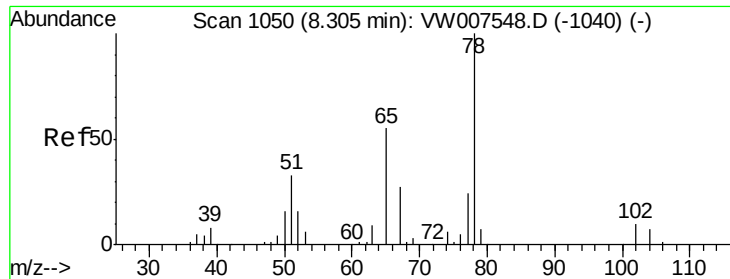
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#32
1,1,1-Trichloroethane
Concen: 56.699 ug/l
RT: 7.87 min Scan# 979
Delta R.T. 0.01 min
Lab File: VW007655.D
Acq: 18 Dec 2018 13:51

Tgt Ion	Ratio	Lower	Upper
97	100		
99	65.4	51.1	76.7
61	42.2	33.2	49.8





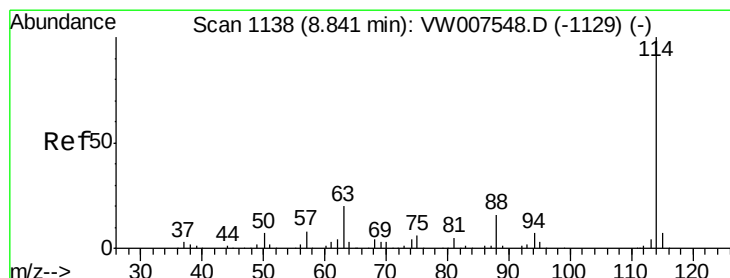
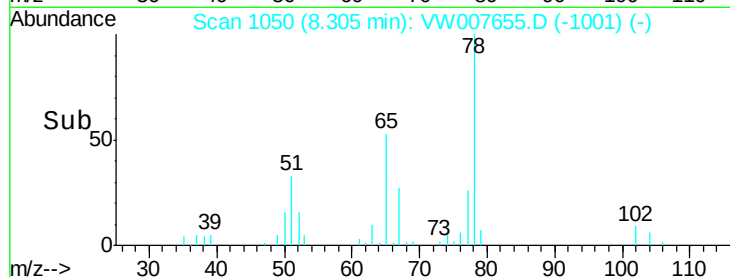
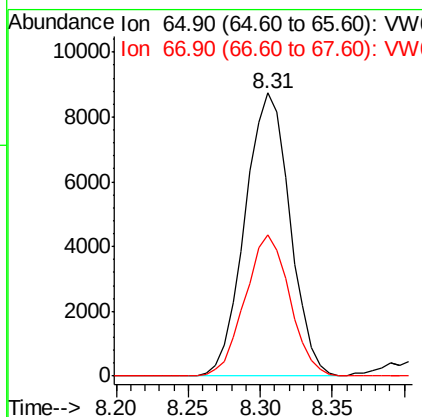
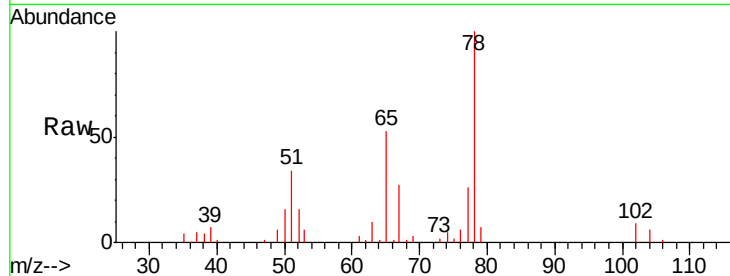
#33
 1,2-Dichloroethane-d4
 Concen: 51.463 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. 0.00 min
 Lab File: VW007655.D
 Acq: 18 Dec 2018 13:51

Instrument :
 MSVOA_W
 ClientSampleId :
 P001-SS016-0006-01MSD

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	18898		
67	49.4	0.0	101.6	

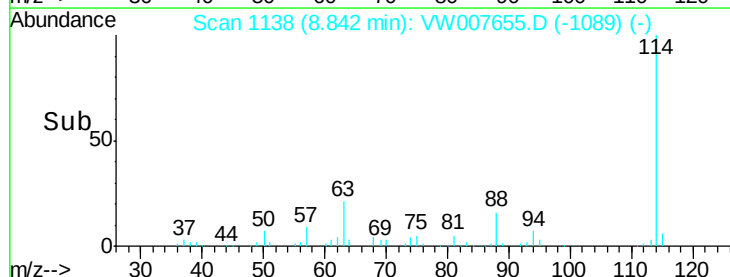
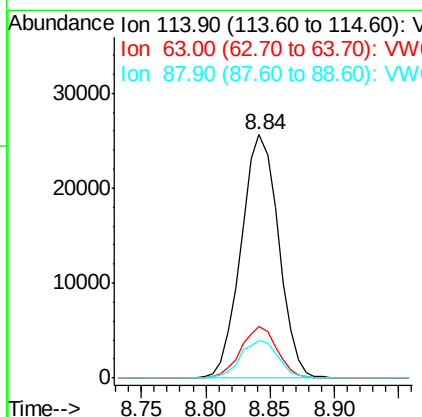
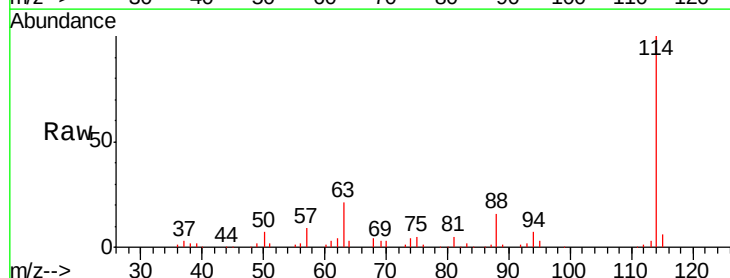
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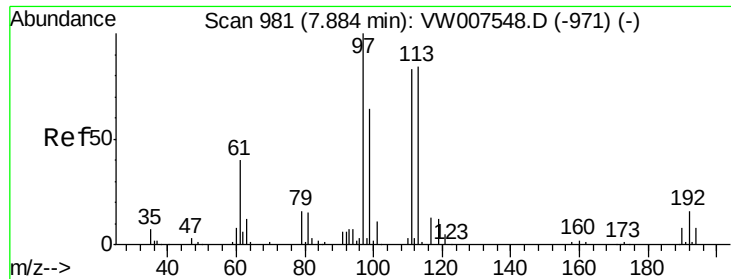
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW007655.D
 Acq: 18 Dec 2018 13:51

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	51550		
63	21.1	0.0	39.6	
88	15.6	0.0	31.4	





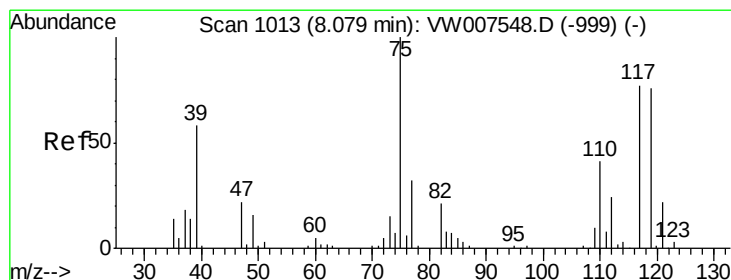
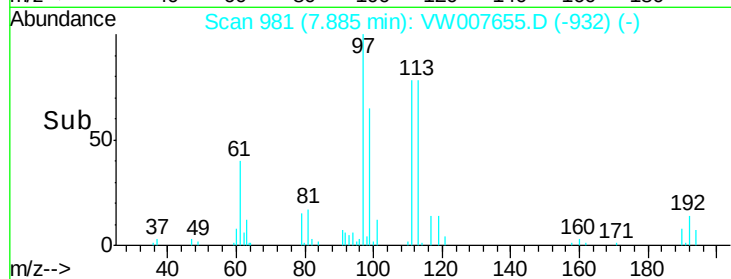
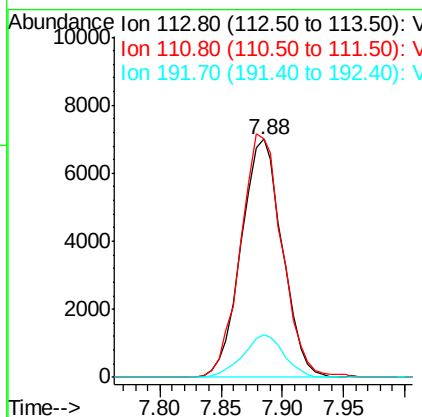
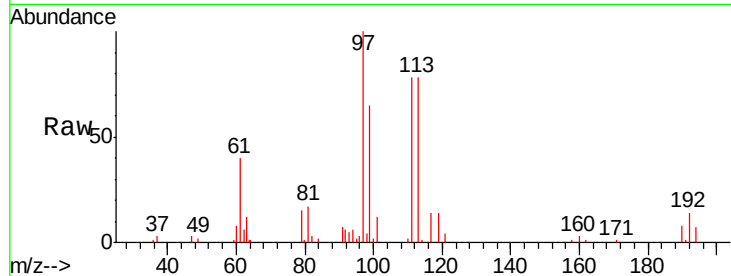
#35
 Dibromofluoromethane
 Concen: 52.465 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. 0.00 min
 Lab File: VW007655.D
 Acq: 18 Dec 2018 13:51

Instrument :
 MSVOA_W
 ClientSampleId :
 P001-SS016-0006-01MSD

Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.1	81.1	121.7
192	17.8	14.6	21.8

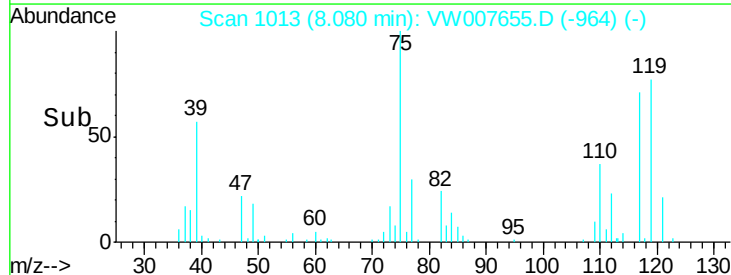
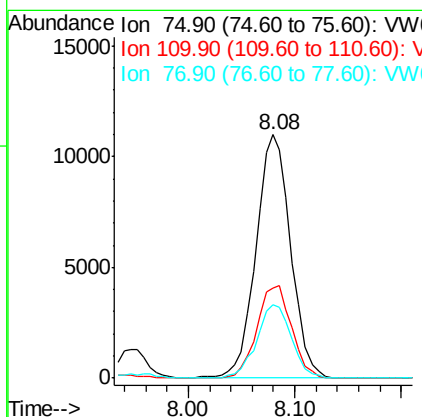
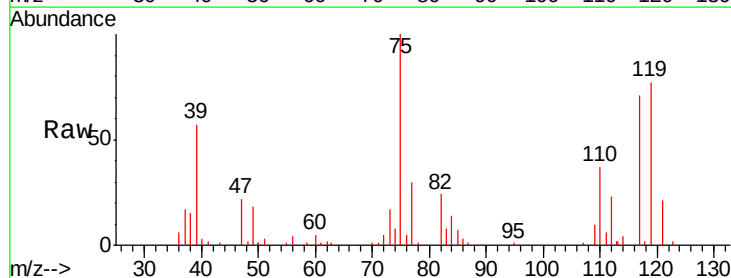
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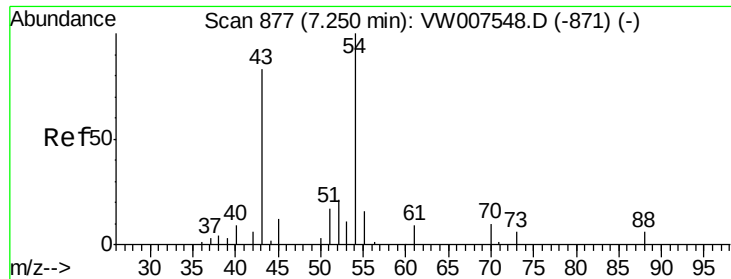
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#36
 1,1-Dichloropropene
 Concen: 53.245 ug/l
 RT: 8.08 min Scan# 1013
 Delta R.T. 0.00 min
 Lab File: VW007655.D
 Acq: 18 Dec 2018 13:51

Tgt Ion	Ratio	Lower	Upper
75	100		
110	37.7	18.5	55.5
77	30.3	25.6	38.4





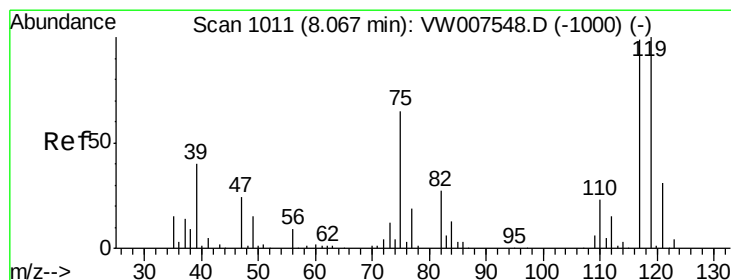
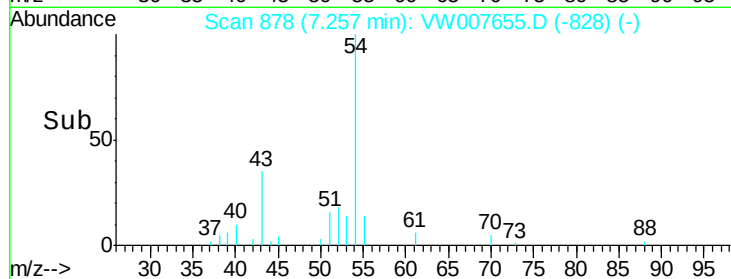
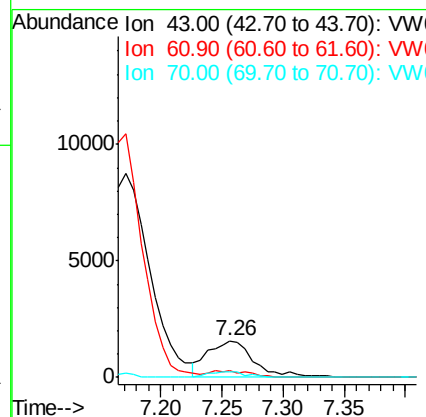
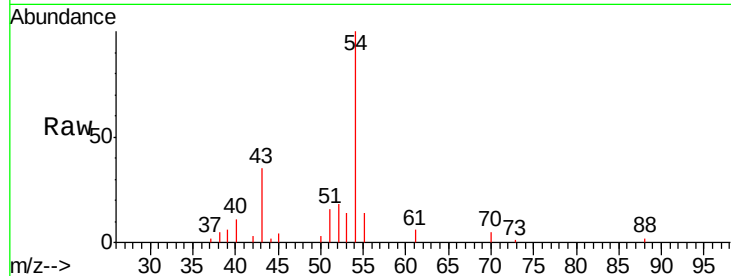
#37
Ethyl Acetate
Concen: 23.607 ug/l
RT: 7.26 min Scan# 878
Delta R.T. 0.01 min
Lab File: VW007655.D
Acq: 18 Dec 2018 13:51

Instrument :
MSVOA_W
ClientSampleId :
P001-SS016-0006-01MSD

Tgt Ion: 43 Resp: 4129
Ion Ratio Lower Upper
43 100
61 0.0 12.1 18.1#
70 12.3 10.0 15.0

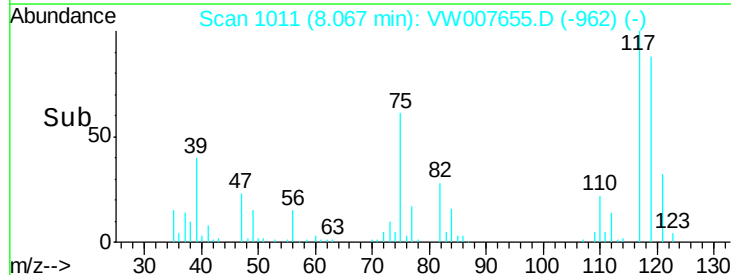
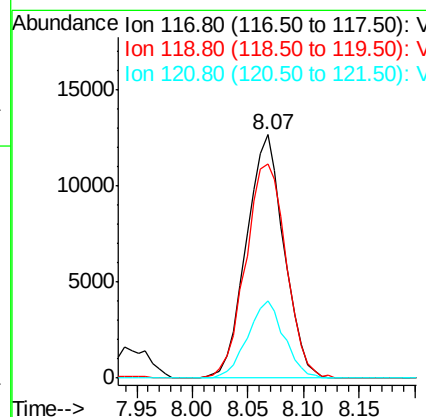
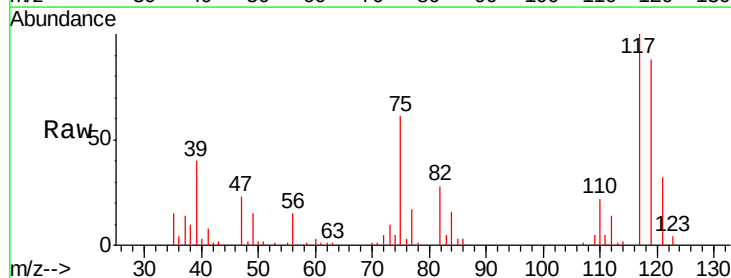
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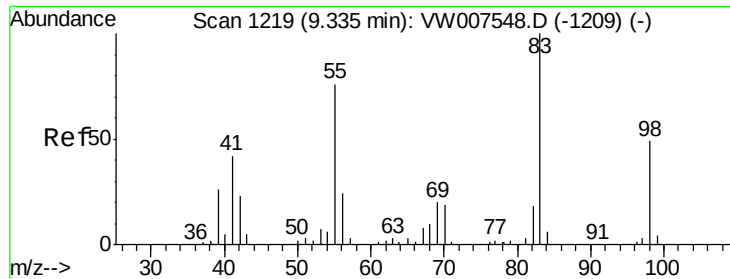
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#38
Carbon Tetrachloride
Concen: 58.078 ug/l
RT: 8.07 min Scan# 1011
Delta R.T. 0.00 min
Lab File: VW007655.D
Acq: 18 Dec 2018 13:51

Tgt Ion: 117 Resp: 29717
Ion Ratio Lower Upper
117 100
119 88.0 74.3 111.5
121 31.7 24.3 36.5





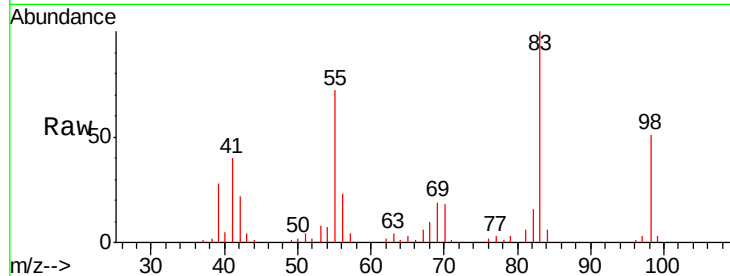
#39
Methylcyclohexane
Concen: 38.403 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. 0.00 min
Lab File: VW007655.D
Acq: 18 Dec 2018 13:51

Instrument :
MSVOA_W
ClientSampleId :
P001-SS016-0006-01MSD

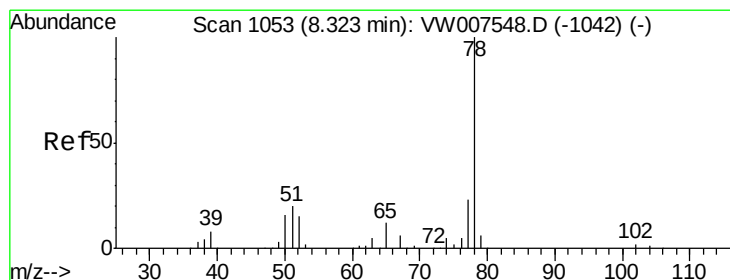
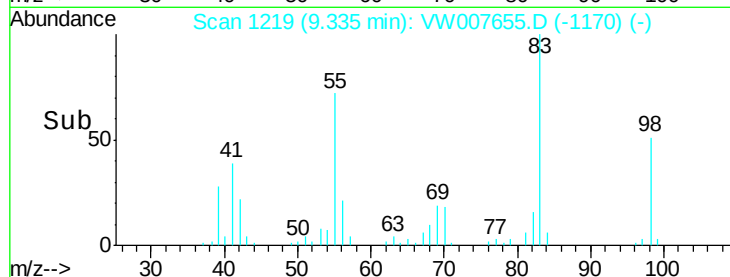
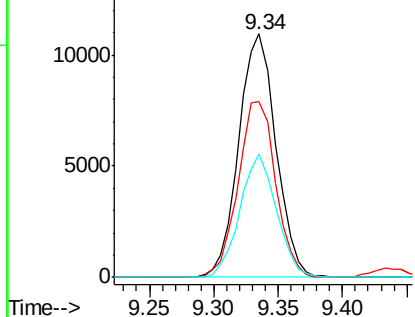
Tgt Ion	Ratio	Lower	Upper
83	100		
55	72.3	62.8	94.2
98	50.6	42.2	63.2

Manual Integrations
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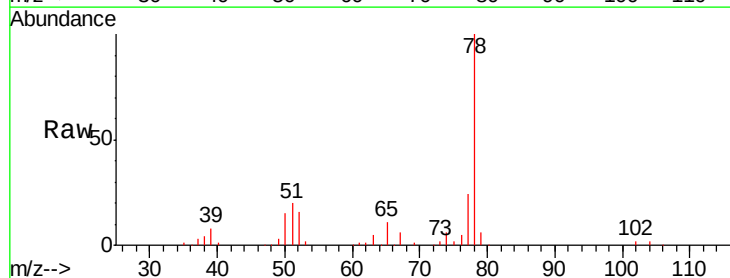


Abundance Ion 83.00 (82.70 to 83.70): VW
Ion 55.00 (54.70 to 55.70): VW
Ion 98.00 (97.70 to 98.70): VW

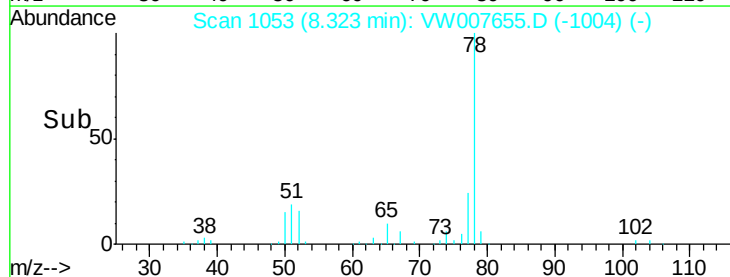
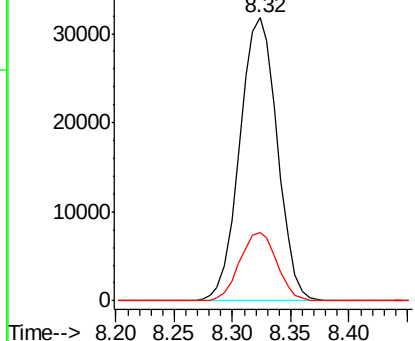


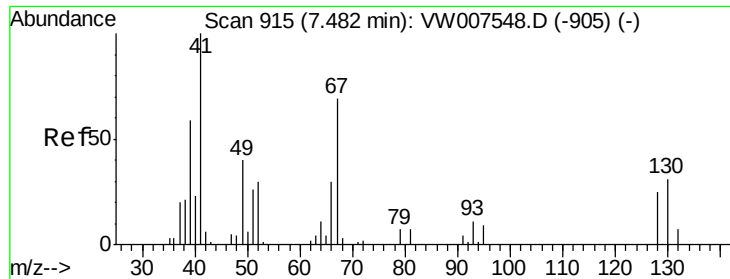
#40
Benzene
Concen: 54.754 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. 0.00 min
Lab File: VW007655.D
Acq: 18 Dec 2018 13:51

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.0	18.8	28.2



Abundance Ion 78.00 (77.70 to 78.70): VW
Ion 77.00 (76.70 to 77.70): VW





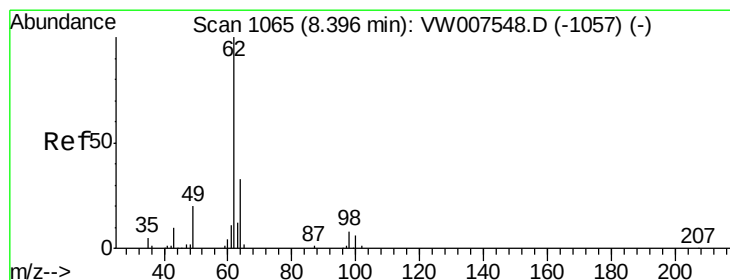
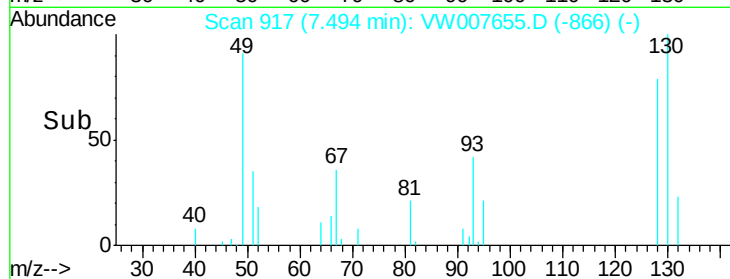
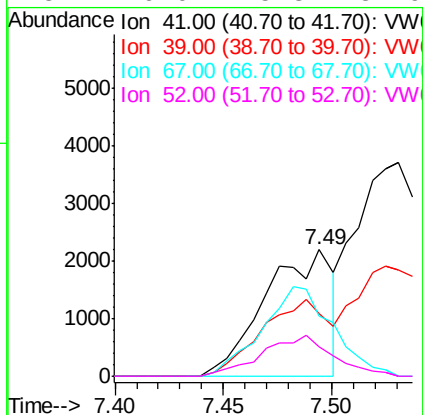
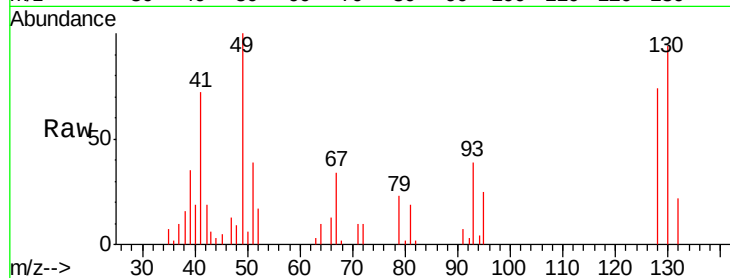
#41
Methacrylonitrile
Concen: 47.540 ug/l m
RT: 7.49 min Scan# 917
Delta R.T. 0.01 min
Lab File: VW007655.D
Acq: 18 Dec 2018 13:51

Instrument :
MSVOA_W
ClientSampleId :
P001-SS016-0006-01MSD

Tgt Ion: 41 Resp: 4735
Ion Ratio Lower Upper
41 100
39 106.5 52.2 78.2#
67 0.0 60.5 90.7#
52 0.0 25.3 37.9#

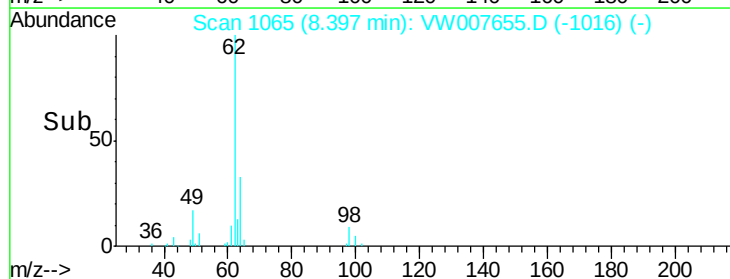
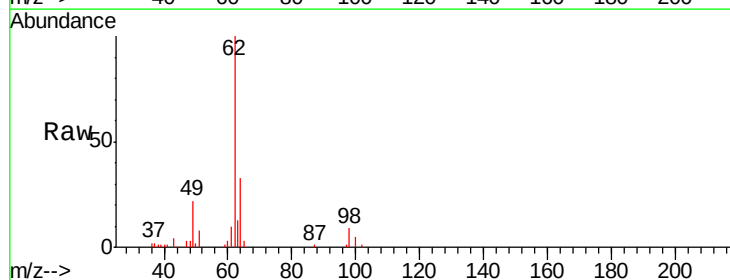
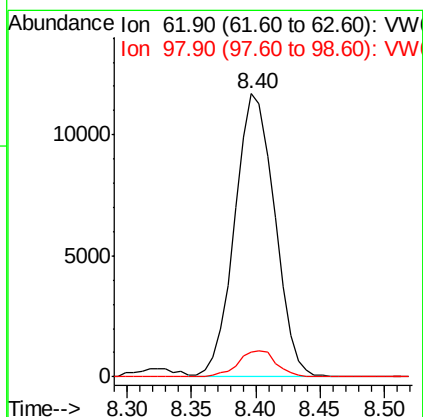
Manual Integrations
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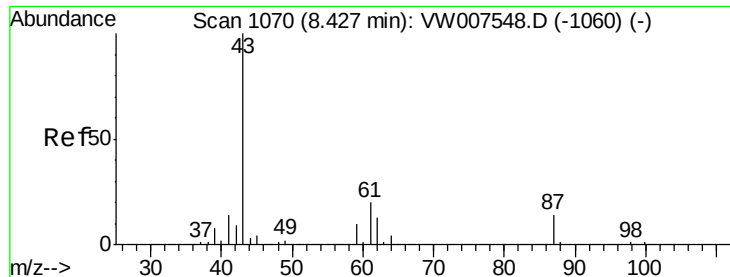
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#42
1,2-Dichloroethane
Concen: 61.571 ug/l
RT: 8.40 min Scan# 1065
Delta R.T. 0.00 min
Lab File: VW007655.D
Acq: 18 Dec 2018 13:51

Tgt Ion: 62 Resp: 25241
Ion Ratio Lower Upper
62 100
98 8.8 0.0 17.6





#43

Isopropyl Acetate

Concen: 29.361 ug/l

RT: 8.43 min Scan# 1070

Delta R.T. 0.00 min

Lab File: VW007655.D

Acq: 18 Dec 2018 13:51

Instrument :

MSVOA_W

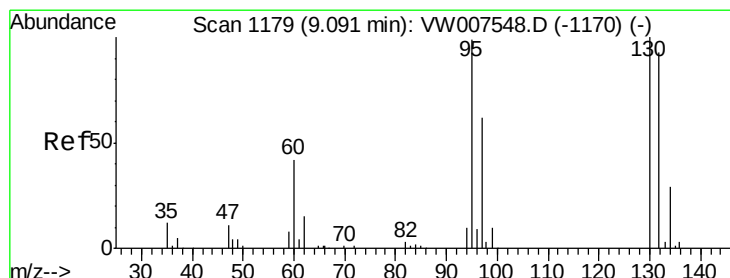
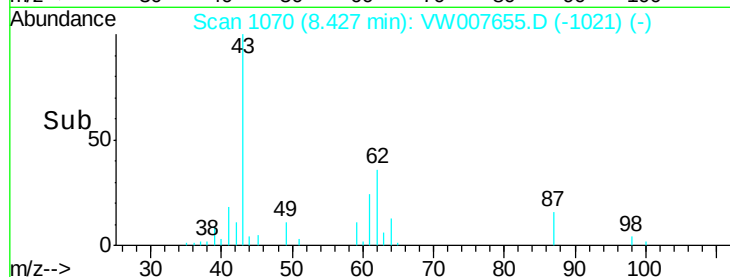
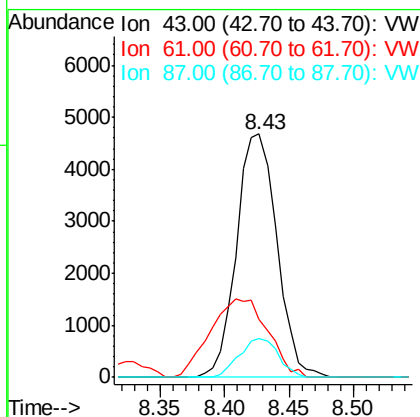
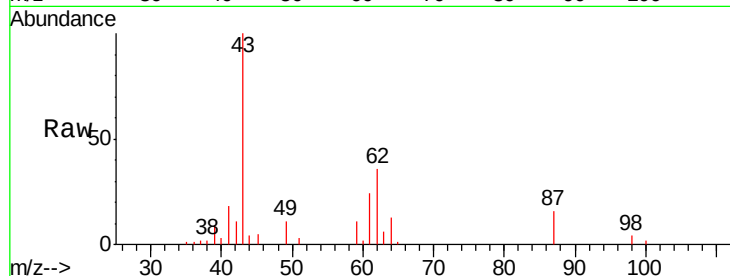
ClientSampleId :

P001-SS016-0006-01MSD

Tgt Ion:	43	Resp:	10144
Ion Ratio		Lower	Upper
43	100		
61	46.2	25.3	37.9#
87	15.3	11.8	17.8

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#44

Trichloroethene

Concen: 54.003 ug/l

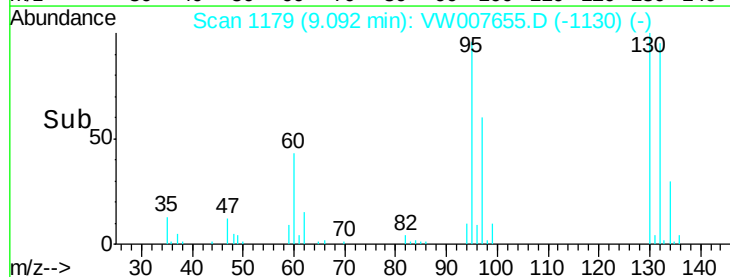
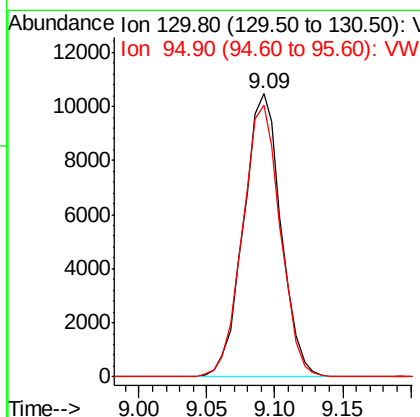
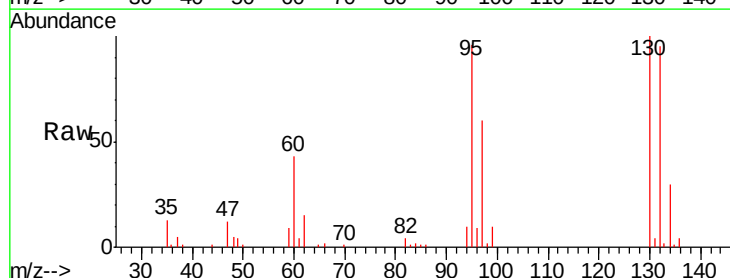
RT: 9.09 min Scan# 1179

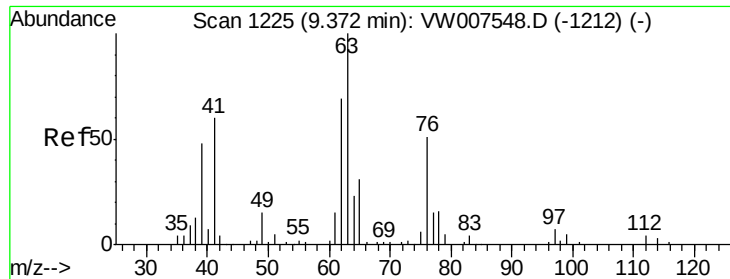
Delta R.T. 0.00 min

Lab File: VW007655.D

Acq: 18 Dec 2018 13:51

Tgt Ion:	130	Resp:	20125
Ion Ratio		Lower	Upper
130	100		
95	95.9	0.0	193.2





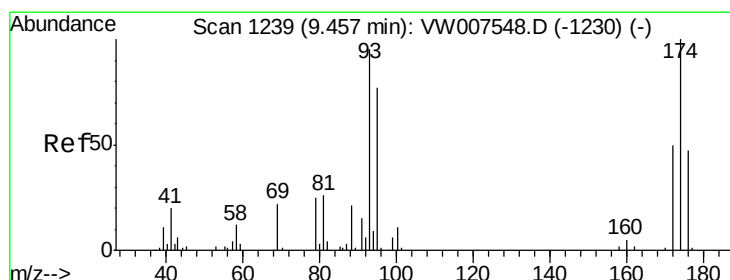
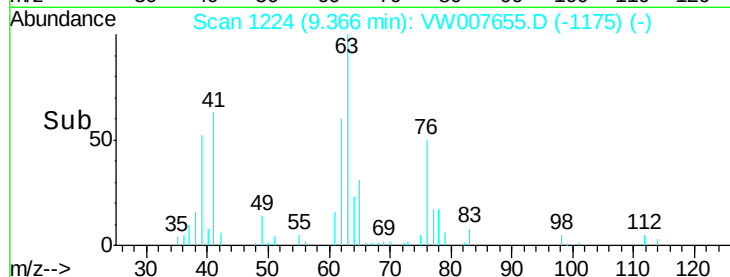
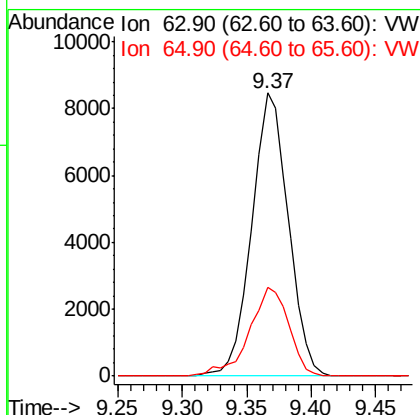
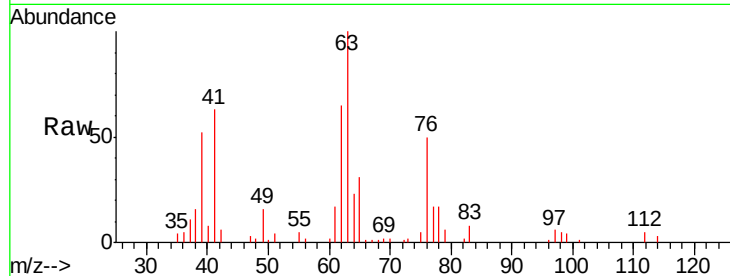
#45
 1,2-Dichloropropane
 Concen: 54.960 ug/l
 RT: 9.37 min Scan# 1224
 Delta R.T. 0.00 min
 Lab File: VW007655.D
 Acq: 18 Dec 2018 13:51

Instrument :
 MSVOA_W
 ClientSampleId :
 P001-SS016-0006-01MSD

Tgt Ion: 63 Resp: 16598
 Ion Ratio Lower Upper
 63 100
 65 31.4 24.4 36.6

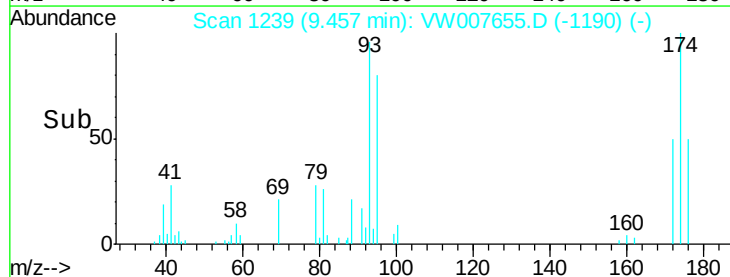
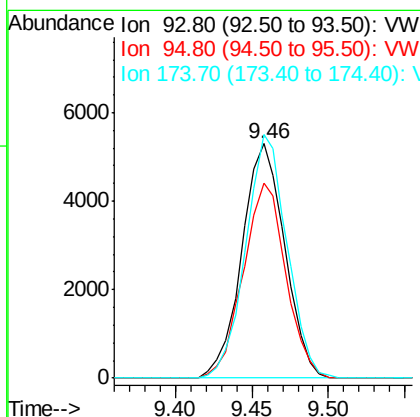
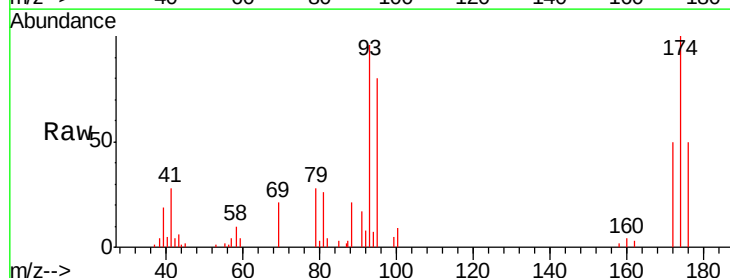
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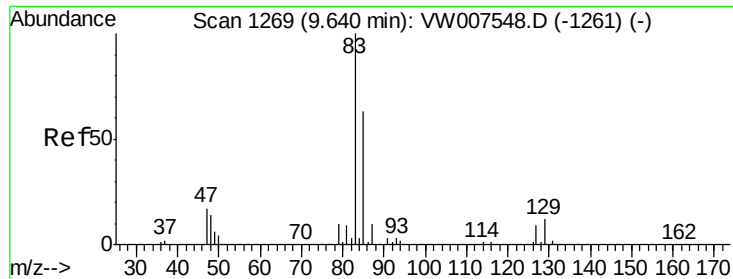
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#46
 Dibromomethane
 Concen: 60.127 ug/l
 RT: 9.46 min Scan# 1239
 Delta R.T. 0.00 min
 Lab File: VW007655.D
 Acq: 18 Dec 2018 13:51

Tgt Ion: 93 Resp: 10312
 Ion Ratio Lower Upper
 93 100
 95 82.5 68.0 102.0
 174 100.1 83.2 124.8





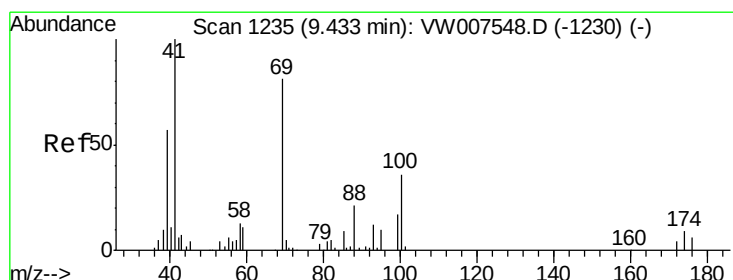
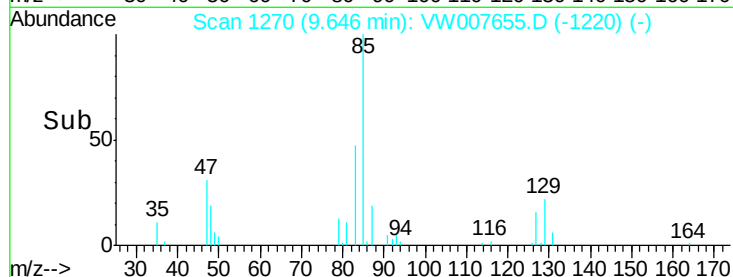
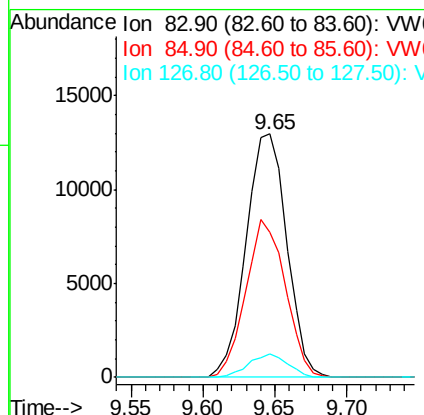
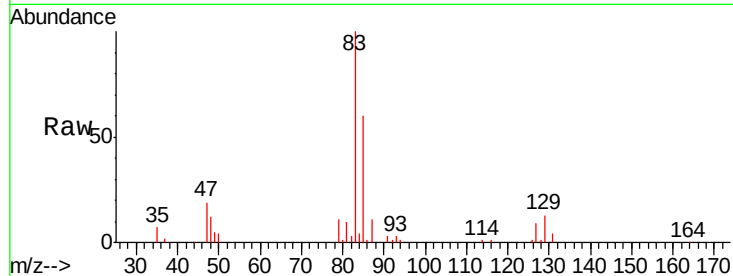
#47
Bromodichloromethane
Concen: 56.369 ug/l
RT: 9.65 min Scan# 1270
Delta R.T. 0.01 min
Lab File: VW007655.D
Acq: 18 Dec 2018 13:51

Instrument :
MSVOA_W
ClientSampleId :
P001-SS016-0006-01MSD

Tgt Ion	Ratio	Resp	Lower	Upper
83	100	25358		
85	59.6	47.6	71.4	
127	9.4	6.7	10.1	

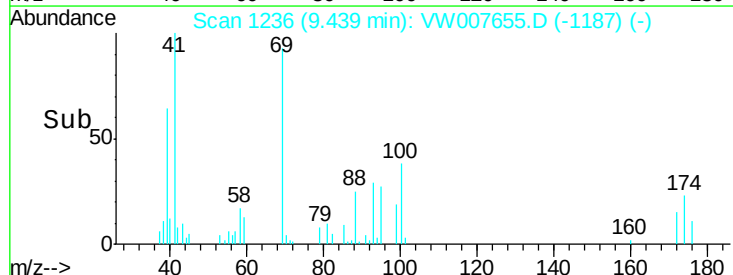
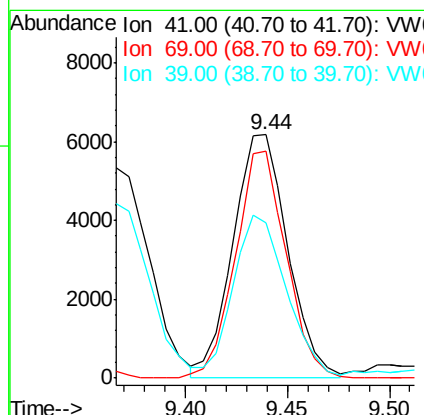
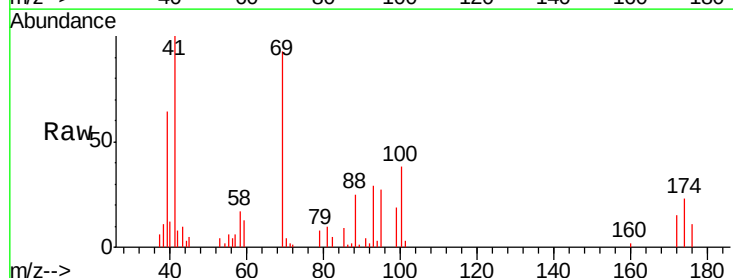
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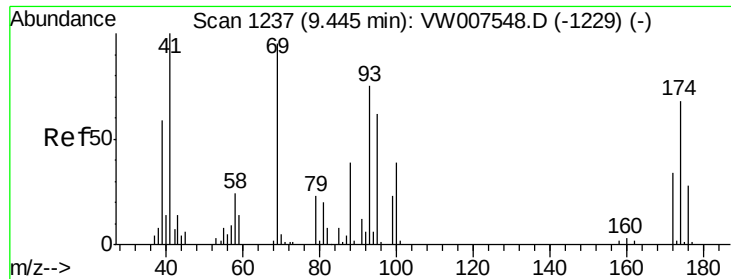
apatel
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#48
Methyl methacrylate
Concen: 64.992 ug/l
RT: 9.44 min Scan# 1236
Delta R.T. 0.00 min
Lab File: VW007655.D
Acq: 18 Dec 2018 13:51

Tgt Ion	Ratio	Resp	Lower	Upper
41	100	11532		
69	86.6	69.8	104.8	
39	65.0	50.9	76.3	





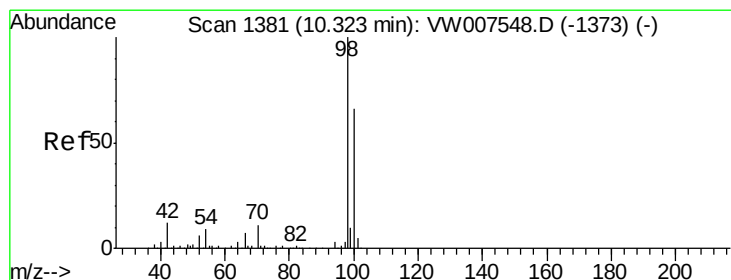
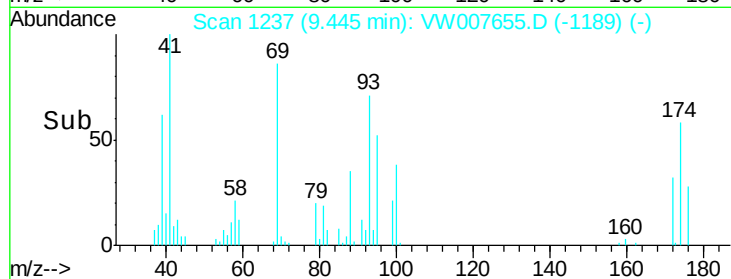
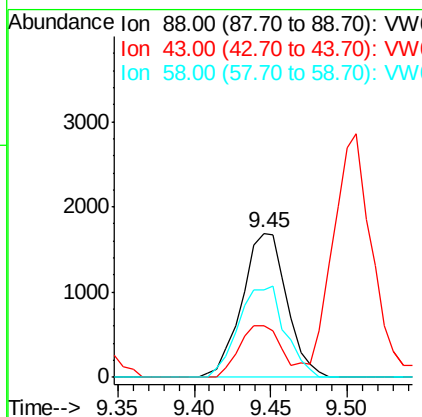
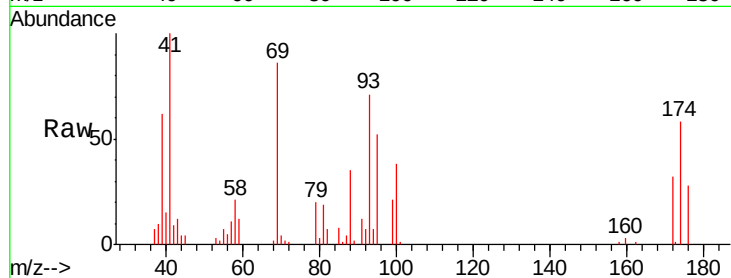
#49
1,4-Dioxane
Concen: 1236.546 ug/l
RT: 9.45 min Scan# 1237
Delta R.T. -0.01 min
Lab File: VW007655.D
Acq: 18 Dec 2018 13:51

Instrument :
MSVOA_W
ClientSampleId :
P001-SS016-0006-01MSD

Tgt Ion	Ratio	Lower	Upper
88	100		
43	33.3	25.0	37.4
58	65.2	51.4	77.2

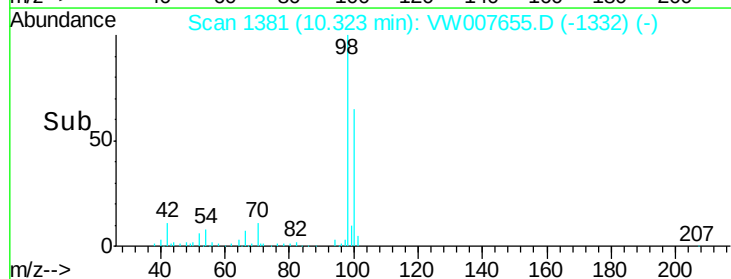
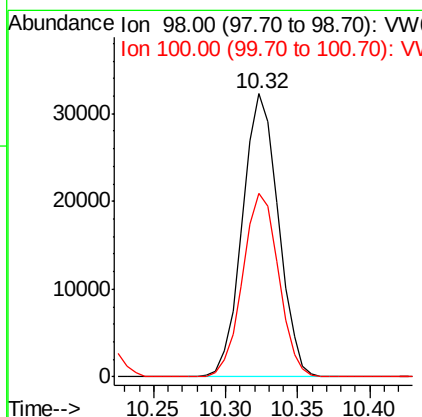
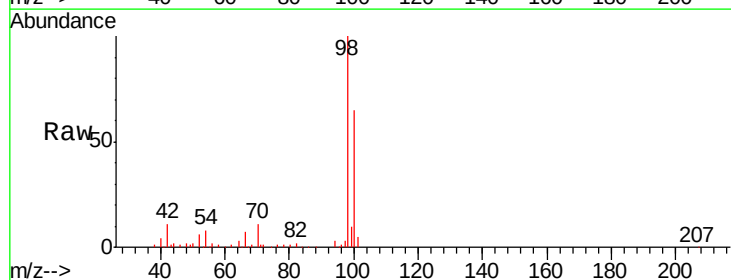
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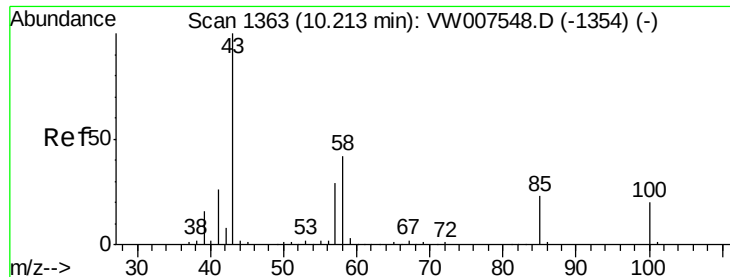
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#50
Toluene-d8
Concen: 47.569 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. 0.00 min
Lab File: VW007655.D
Acq: 18 Dec 2018 13:51

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.0	51.8	77.8





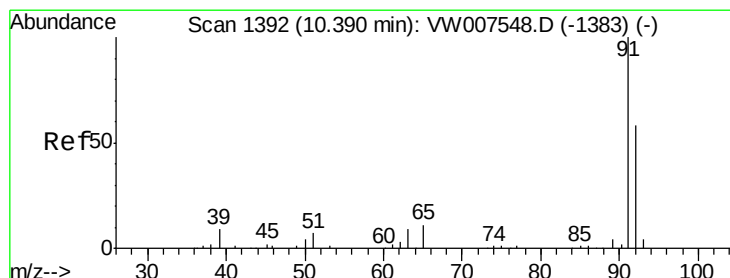
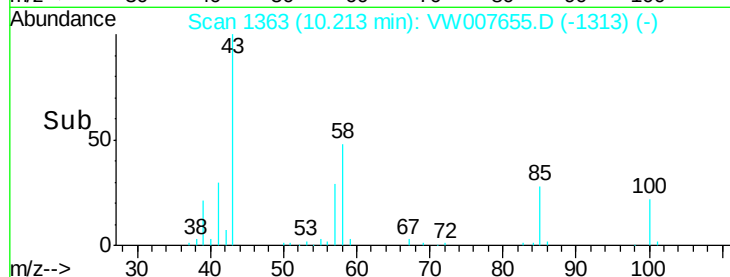
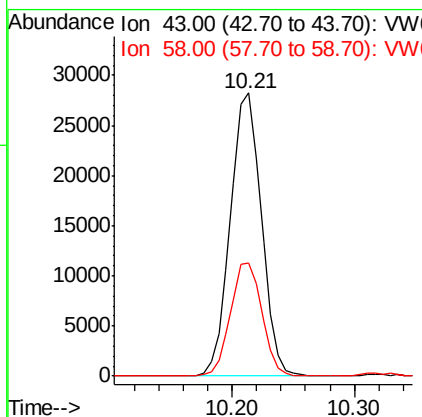
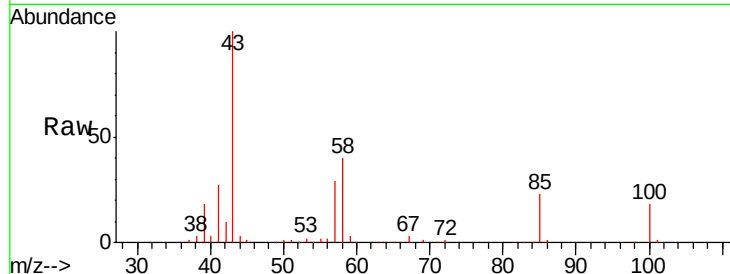
#51
 4-Methyl-2-Pentanone
 Concen: 304.132 ug/l
 RT: 10.21 min Scan# 1363
 Delta R.T. 0.01 min
 Lab File: VW007655.D
 Acq: 18 Dec 2018 13:51

Instrument :
 MSVOA_W
 ClientSampleId :
 P001-SS016-0006-01MSD

Tgt Ion: 43 Resp: 49648
 Ion Ratio Lower Upper
 43 100
 58 40.2 33.1 49.7

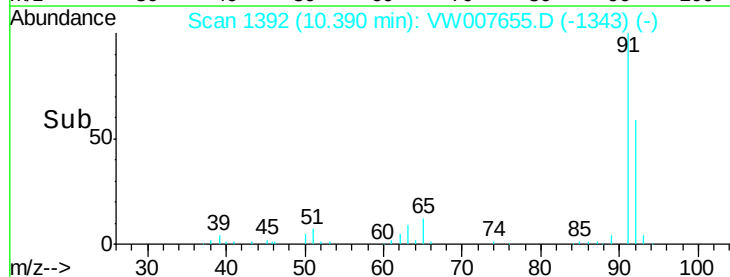
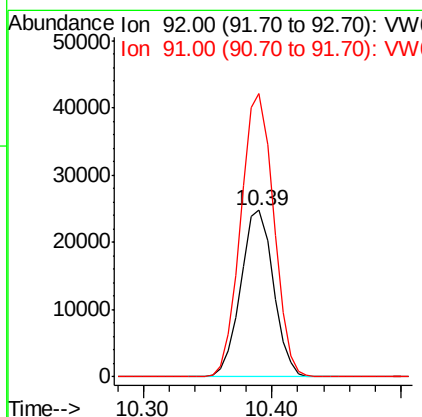
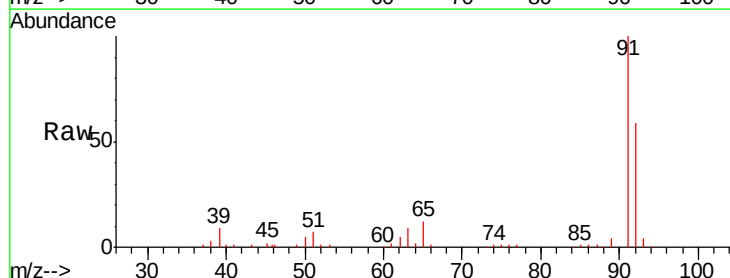
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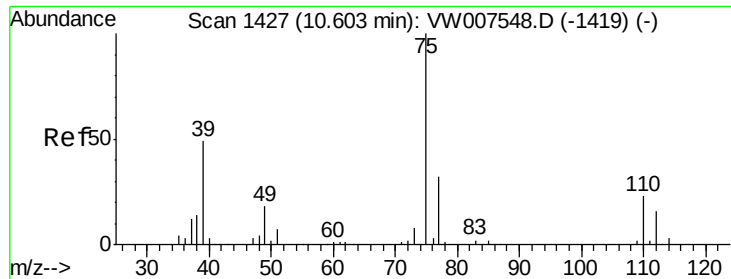
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#52
 Toluene
 Concen: 51.569 ug/l
 RT: 10.39 min Scan# 1392
 Delta R.T. 0.00 min
 Lab File: VW007655.D
 Acq: 18 Dec 2018 13:51

Tgt Ion: 92 Resp: 43553
 Ion Ratio Lower Upper
 92 100
 91 171.1 136.2 204.2





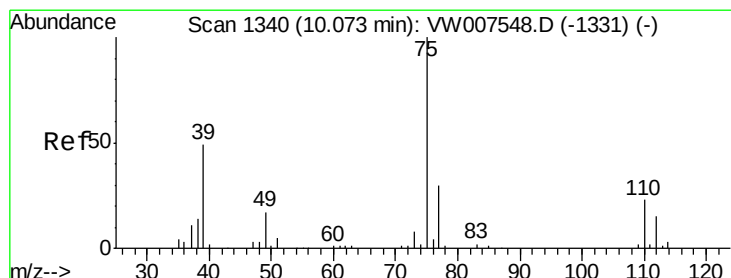
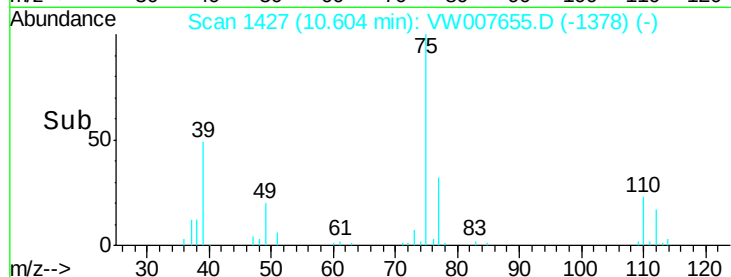
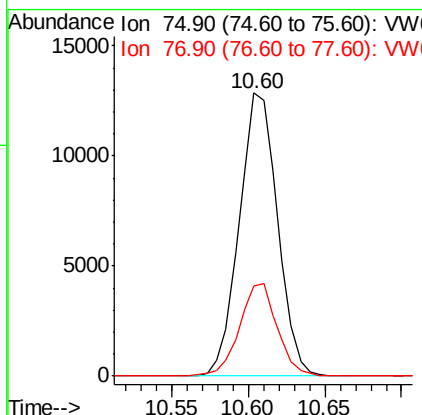
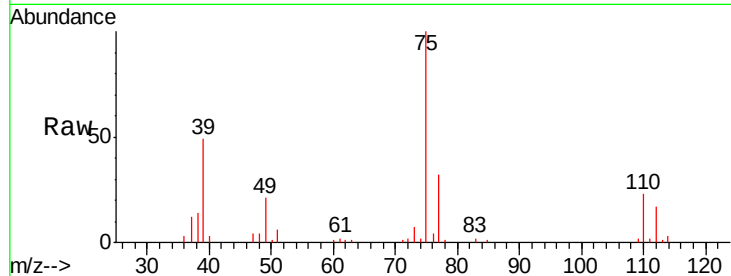
#53
 t-1,3-Dichloropropene
 Concen: 51.121 ug/l
 RT: 10.60 min Scan# 1427
 Delta R.T. 0.00 min
 Lab File: VW007655.D
 Acq: 18 Dec 2018 13:51

Instrument :
 MSVOA_W
 ClientSampleId :
 P001-SS016-0006-01MSD

Tgt Ion: 75 Resp: 22326
 Ion Ratio Lower Upper
 75 100
 77 31.9 26.2 39.4

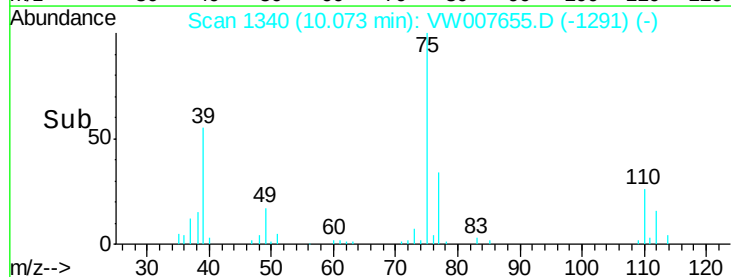
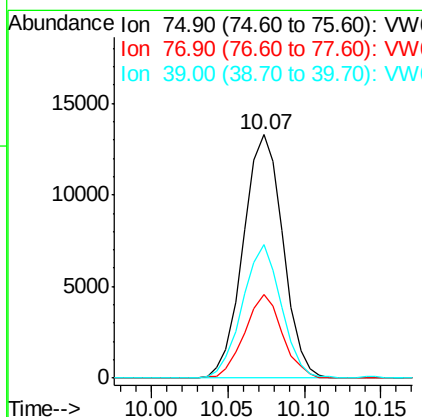
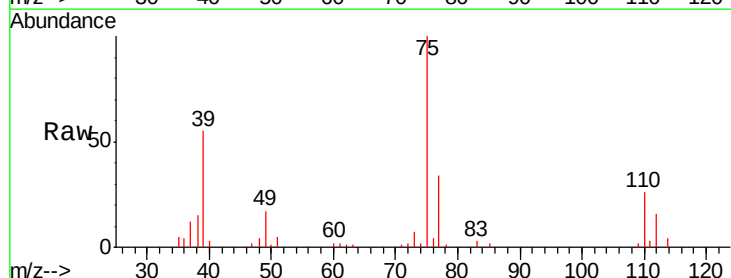
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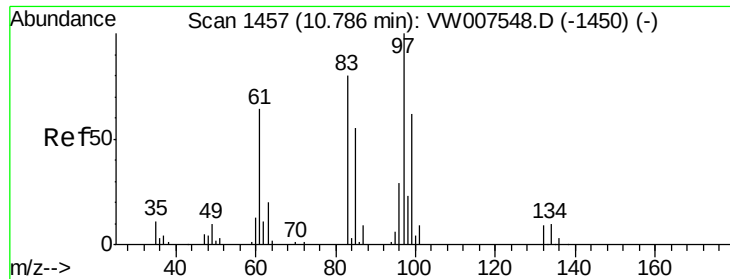
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#54
 cis-1,3-Dichloropropene
 Concen: 47.563 ug/l
 RT: 10.07 min Scan# 1340
 Delta R.T. 0.00 min
 Lab File: VW007655.D
 Acq: 18 Dec 2018 13:51

Tgt Ion: 75 Resp: 24013
 Ion Ratio Lower Upper
 75 100
 77 34.2 24.8 37.2
 39 54.6 40.9 61.3





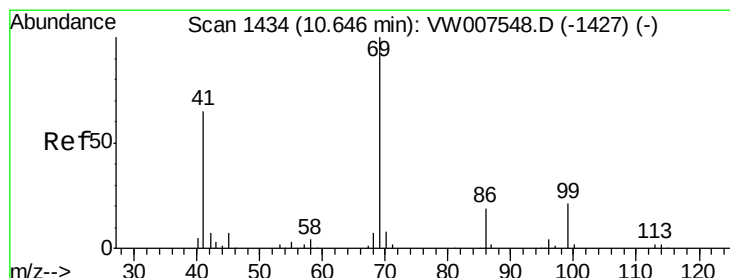
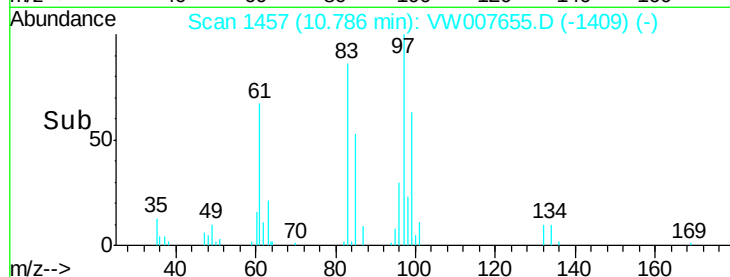
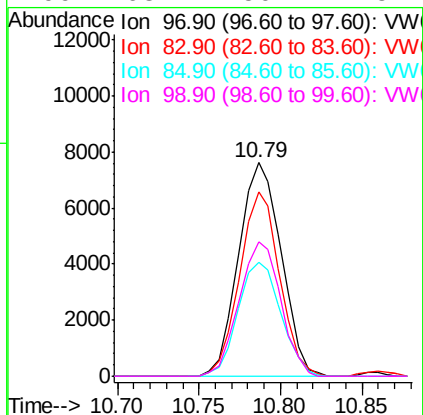
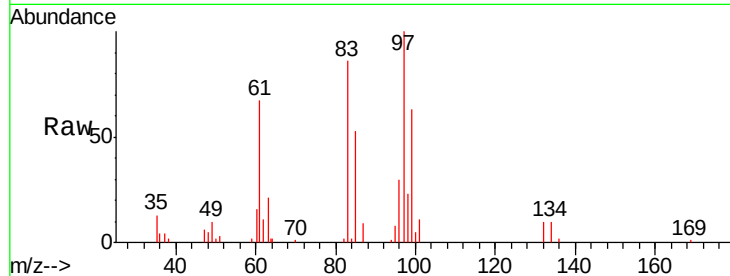
#55
 1,1,2-Trichloroethane
 Concen: 59.259 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. -0.01 min
 Lab File: VW007655.D
 Acq: 18 Dec 2018 13:51

Instrument :
 MSVOA_W
 ClientSampleId :
 P001-SS016-0006-01MSD

Tgt Ion	Ratio	Lower	Upper
97	100		
83	86.0	62.1	93.1
85	53.3	44.2	66.4
99	63.2	50.2	75.4

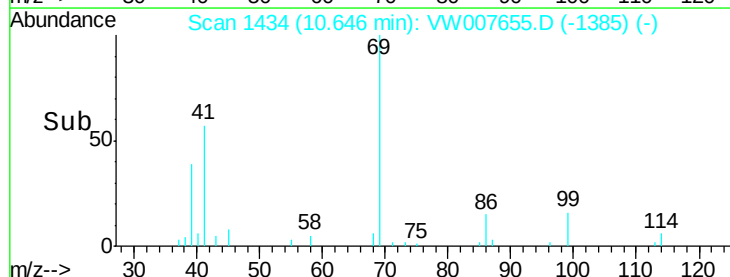
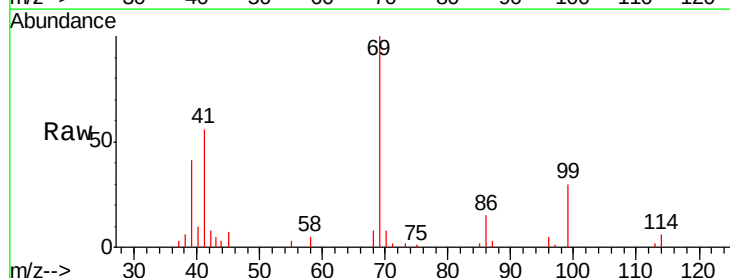
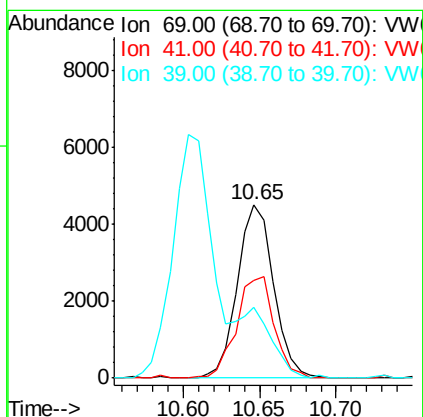
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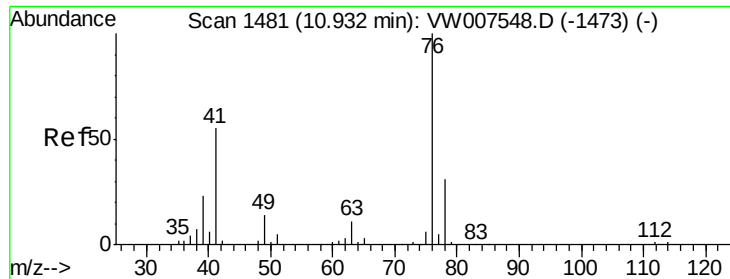
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#56
 Ethyl methacrylate
 Concen: 26.433 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. 0.00 min
 Lab File: VW007655.D
 Acq: 18 Dec 2018 13:51

Tgt Ion	Ratio	Lower	Upper
69	100		
41	60.7	51.0	76.6
39	0.0	30.8	46.2#





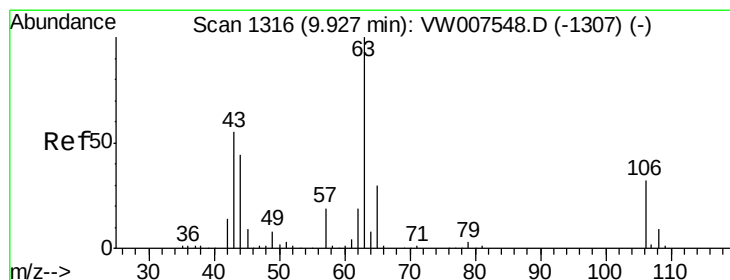
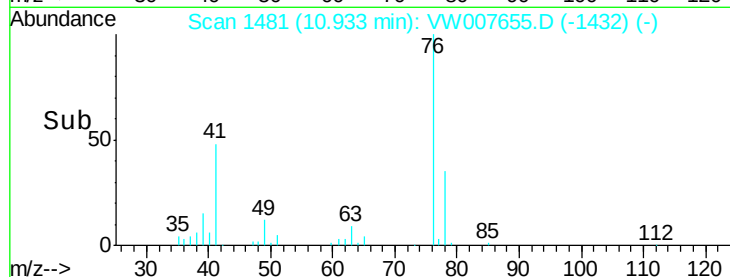
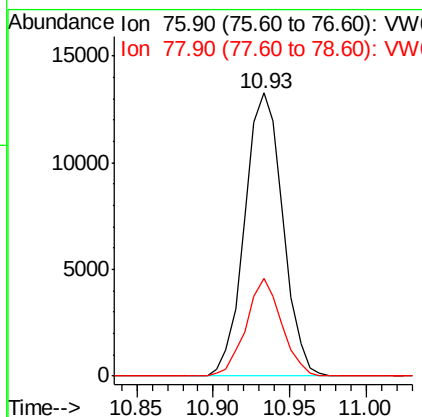
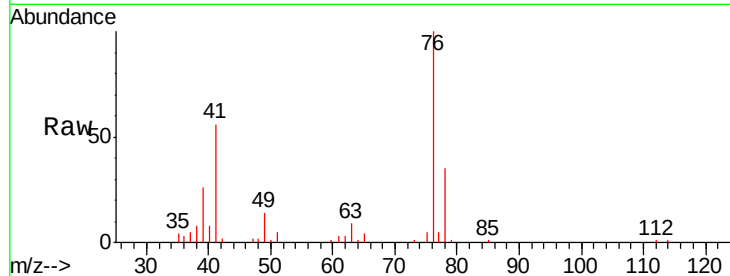
#57
 1,3-Dichloropropane
 Concen: 60.023 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. 0.00 min
 Lab File: VW007655.D
 Acq: 18 Dec 2018 13:51

Instrument :
 MSVOA_W
 ClientSampleId :
 P001-SS016-0006-01MSD

Tgt Ion: 76 Resp: 22996
 Ion Ratio Lower Upper
 76 100
 78 32.1 26.2 39.4

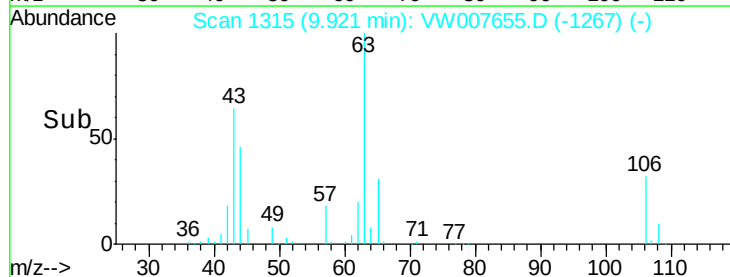
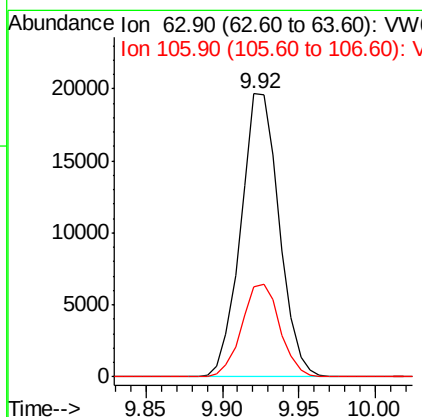
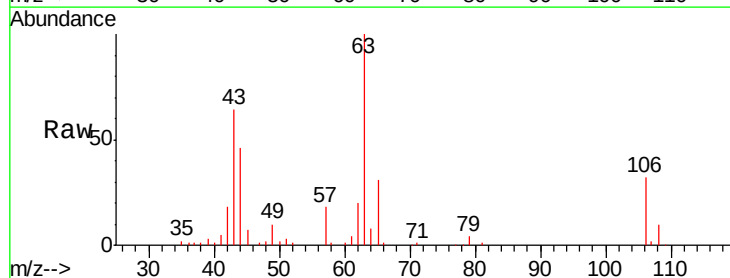
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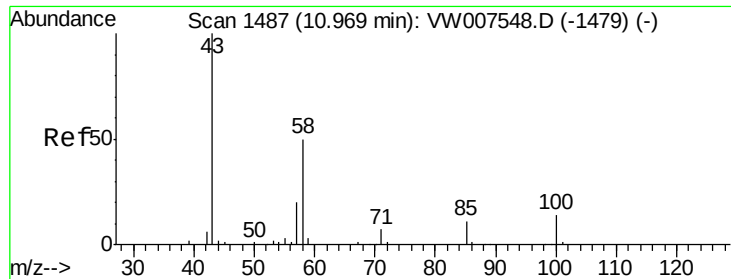
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#58
 2-Chloroethyl Vinyl ether
 Concen: 264.751 ug/l
 RT: 9.92 min Scan# 1315
 Delta R.T. -0.01 min
 Lab File: VW007655.D
 Acq: 18 Dec 2018 13:51

Tgt Ion: 63 Resp: 34253
 Ion Ratio Lower Upper
 63 100
 106 32.4 25.0 37.6





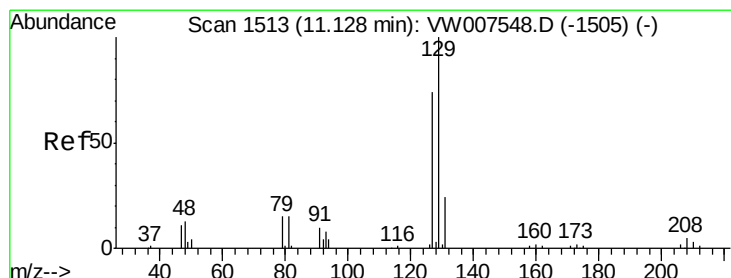
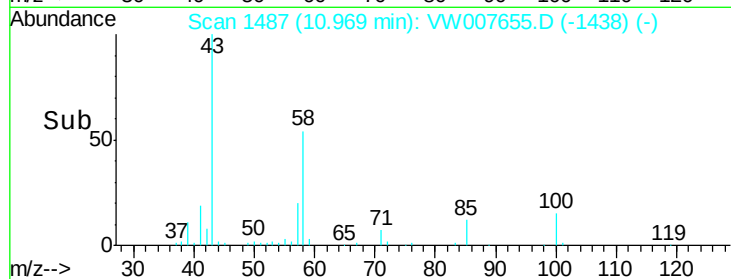
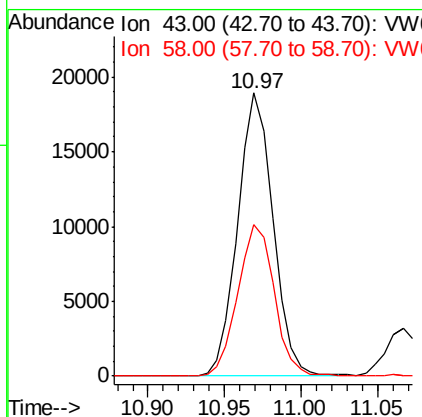
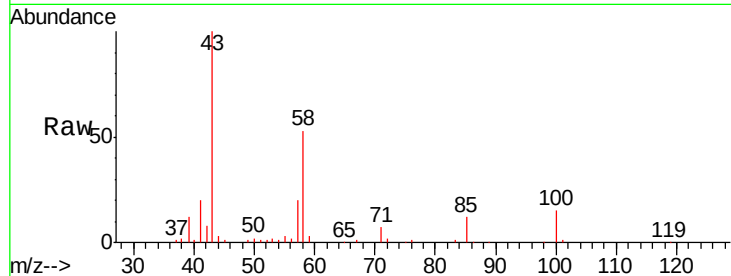
#59
2-Hexanone
Concen: 279.757 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VW007655.D
Acq: 18 Dec 2018 13:51

Instrument :
MSVOA_W
ClientSampleId :
P001-SS016-0006-01MSD

Tgt Ion: 43 Resp: 30452
Ion Ratio Lower Upper
43 100
58 55.0 27.1 81.3

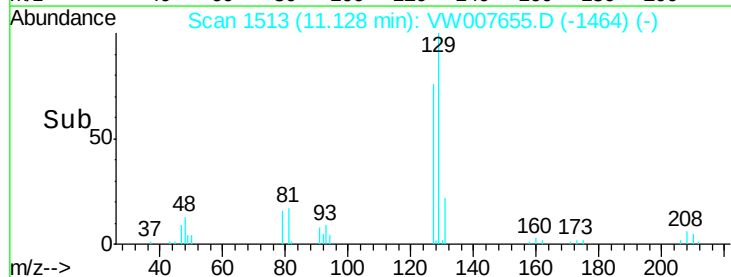
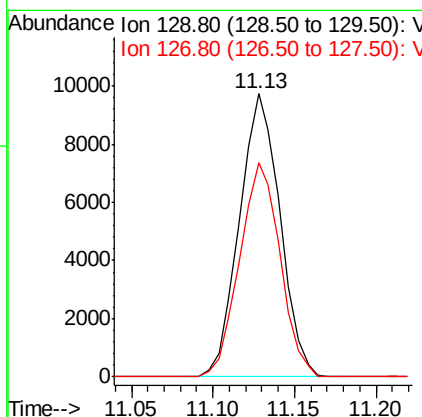
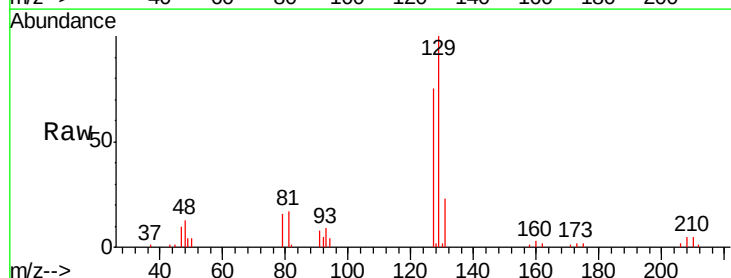
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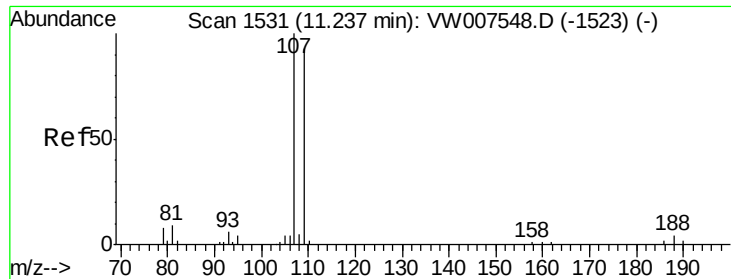
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#60
Dibromochloromethane
Concen: 57.168 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VW007655.D
Acq: 18 Dec 2018 13:51

Tgt Ion: 129 Resp: 16840
Ion Ratio Lower Upper
129 100
127 75.3 38.1 114.3





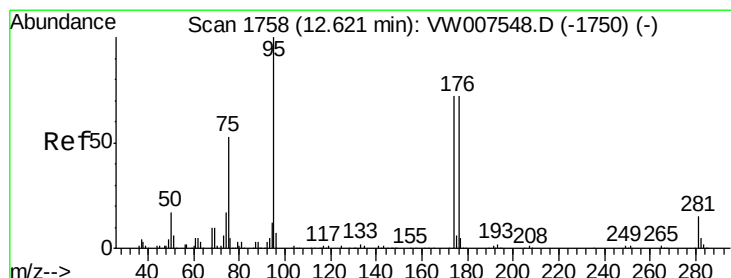
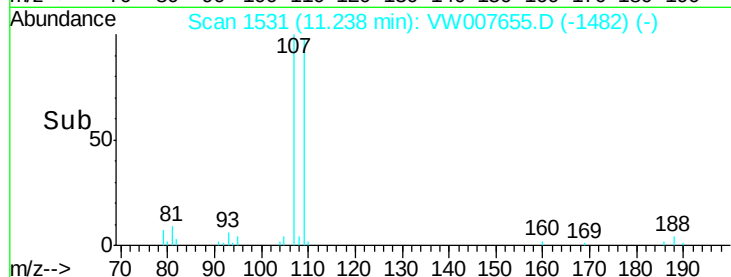
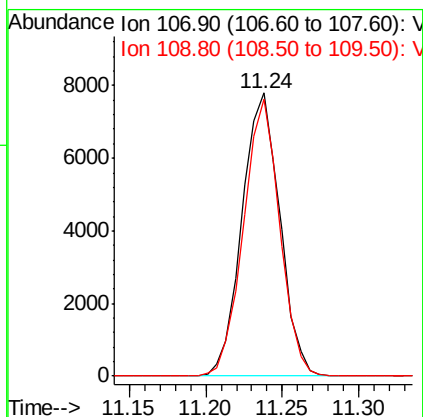
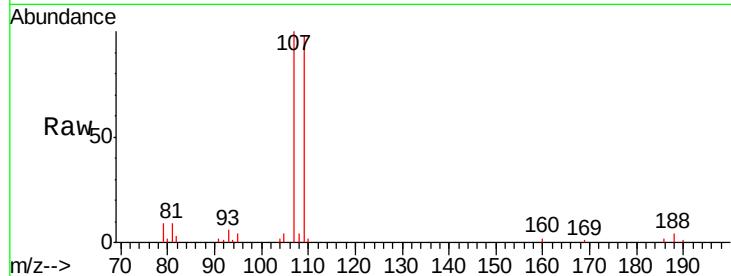
#61
 1,2-Dibromoethane
 Concen: 58.157 ug/l
 RT: 11.24 min Scan# 1531
 Delta R.T. 0.00 min
 Lab File: VW007655.D
 Acq: 18 Dec 2018 13:51

Instrument :
 MSVOA_W
 ClientSampleId :
 P001-SS016-0006-01MSD

Tgt Ion: 107 Resp: 13415
 Ion Ratio Lower Upper
 107 100
 109 93.6 79.1 118.7

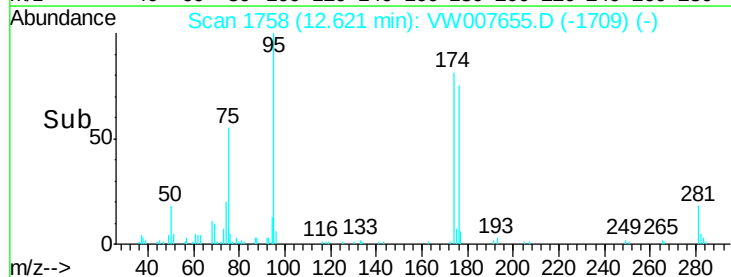
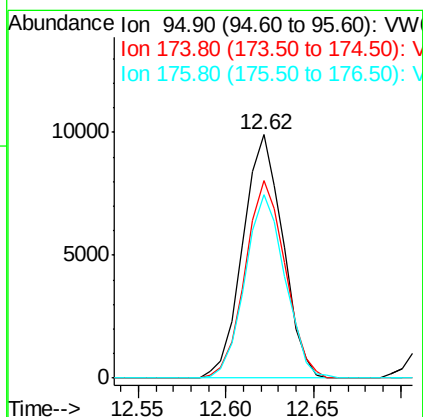
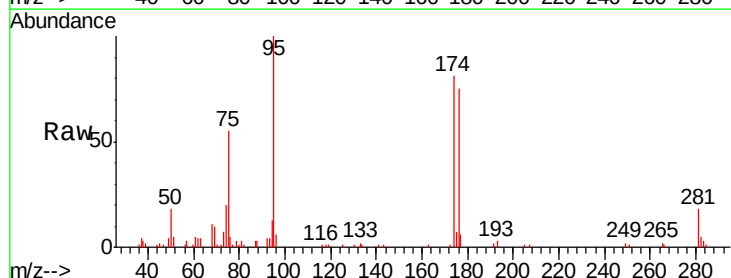
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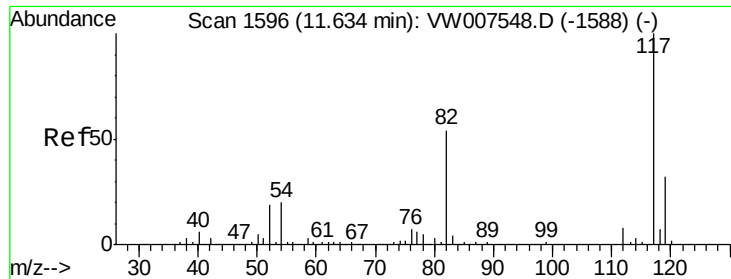
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#62
 4-Bromofluorobenzene
 Concen: 36.591 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. 0.00 min
 Lab File: VW007655.D
 Acq: 18 Dec 2018 13:51

Tgt Ion: 95 Resp: 15741
 Ion Ratio Lower Upper
 95 100
 174 81.1 0.0 147.2
 176 75.2 0.0 138.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.63 min Scan# 1596

Delta R.T. 0.00 min

Lab File: VW007655.D

Acq: 18 Dec 2018 13:51

Instrument :

MSVOA_W

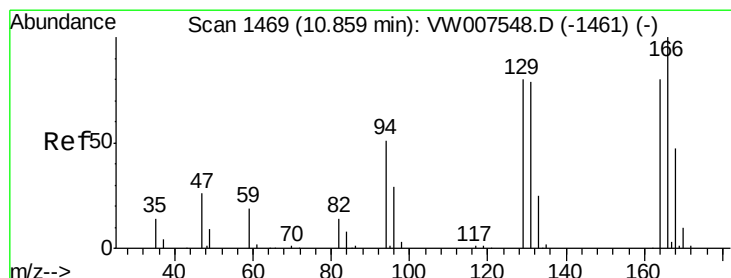
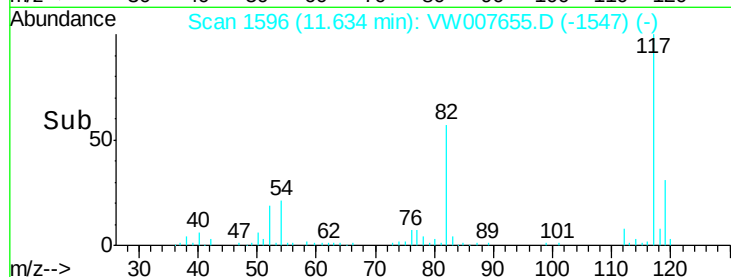
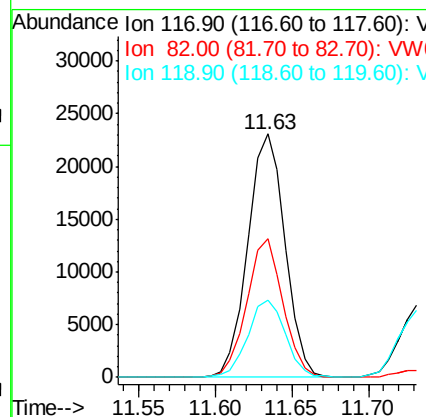
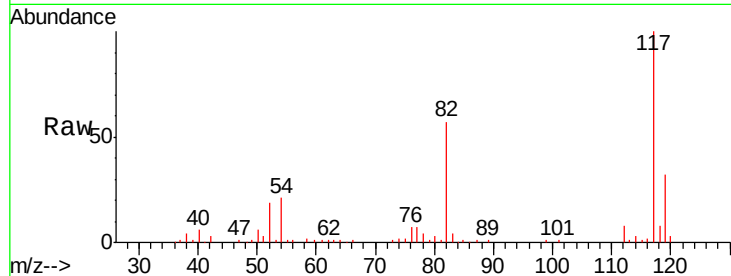
ClientSampleId :

P001-SS016-0006-01MSD

Tgt Ion:	117	Resp:	39020
Ion Ratio	Lower	Upper	
117	100		
82	57.2	42.3	63.5
119	31.8	23.0	34.6

Manual Integrations
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#64

Tetrachloroethene

Concen: 49.882 ug/l

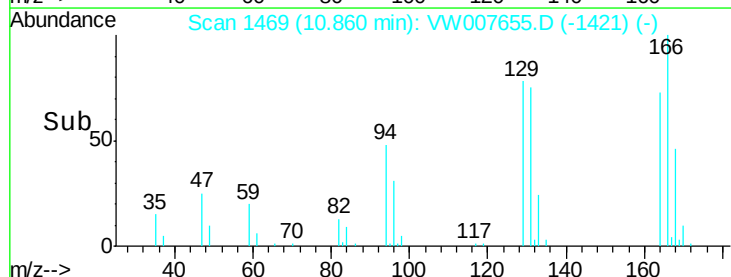
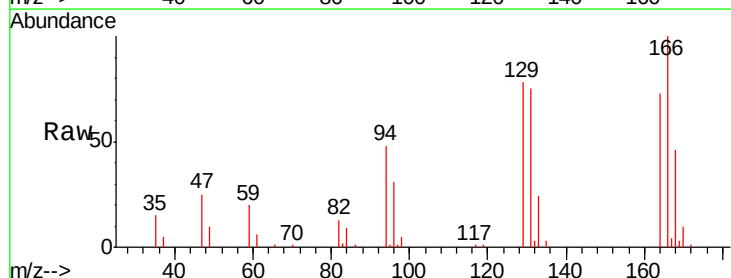
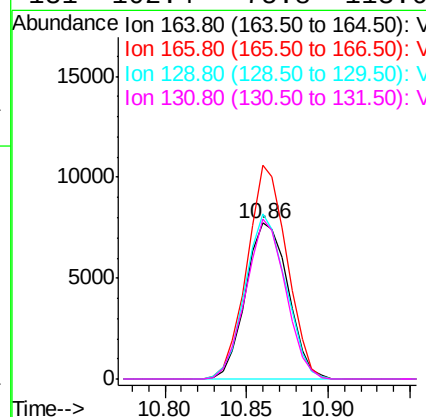
RT: 10.86 min Scan# 1469

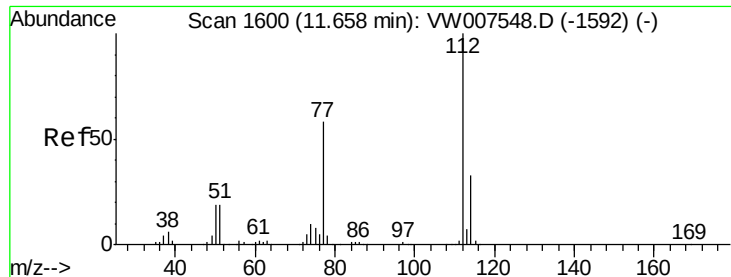
Delta R.T. -0.01 min

Lab File: VW007655.D

Acq: 18 Dec 2018 13:51

Tgt Ion:	164	Resp:	13997
Ion Ratio	Lower	Upper	
164	100		
166	136.8	107.9	161.9
129	106.2	73.4	110.2
131	102.4	75.8	113.6





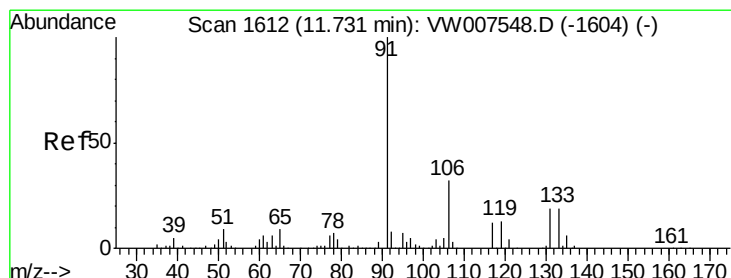
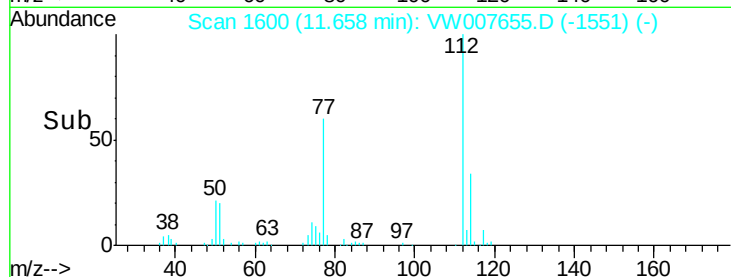
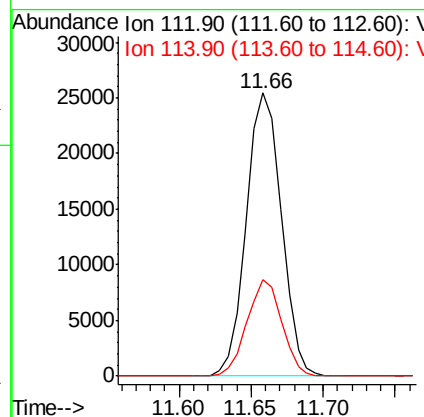
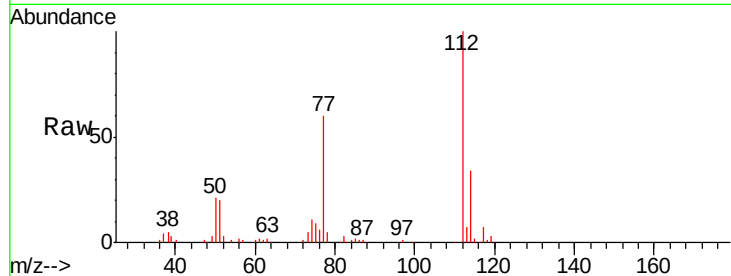
#65
Chlorobenzene
Concen: 52.769 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VW007655.D
Acq: 18 Dec 2018 13:51

Instrument :
MSVOA_W
ClientSampleId :
P001-SS016-0006-01MSD

Tgt Ion:112 Resp: 42917
Ion Ratio Lower Upper
112 100
114 33.9 27.8 41.8

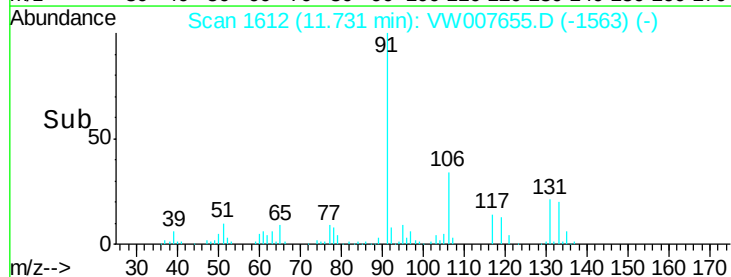
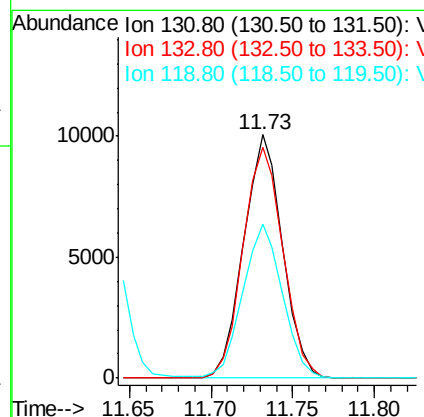
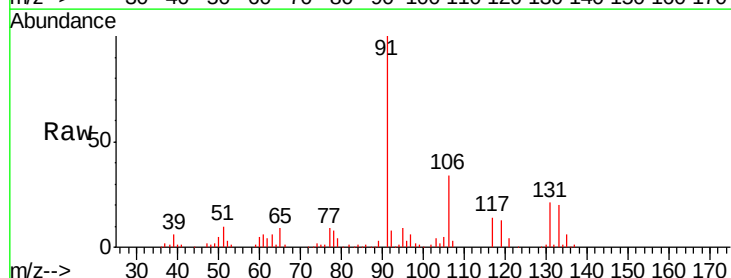
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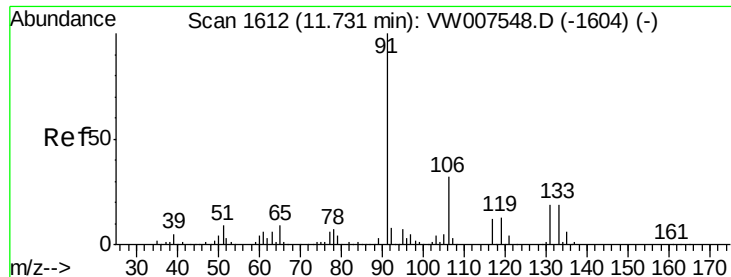
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#66
1,1,1,2-Tetrachloroethane
Concen: 58.001 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW007655.D
Acq: 18 Dec 2018 13:51

Tgt Ion:131 Resp: 16614
Ion Ratio Lower Upper
131 100
133 97.9 47.1 141.4
119 64.8 31.3 93.9





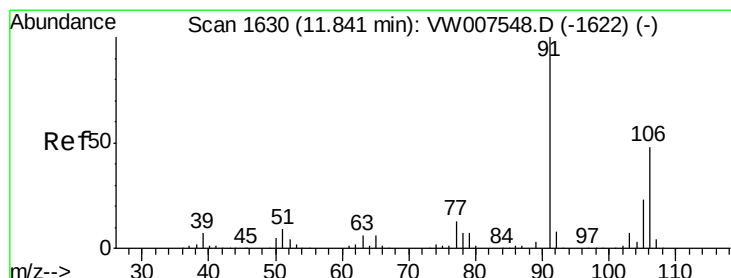
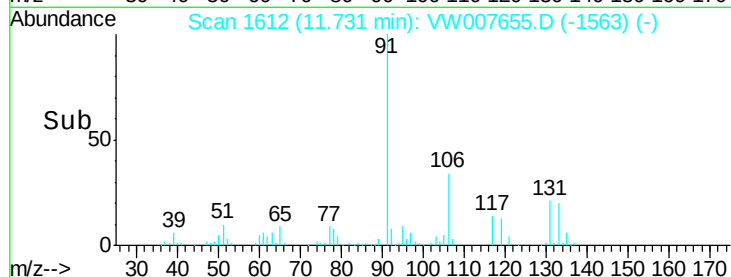
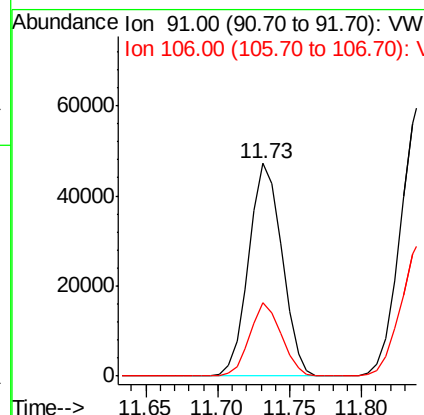
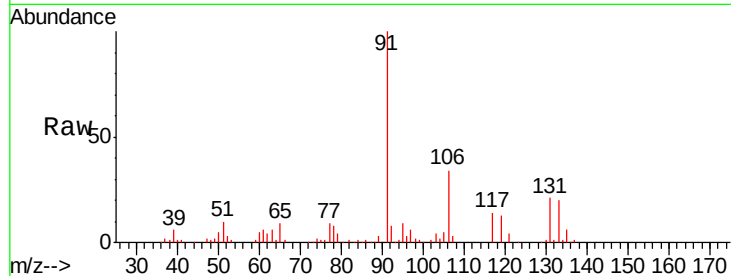
#67
Ethyl Benzene
Concen: 54.138 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW007655.D
Acq: 18 Dec 2018 13:51

Instrument :
MSVOA_W
ClientSampleId :
P001-SS016-0006-01MSD

Tgt Ion: 91 Resp: 75701
Ion Ratio Lower Upper
91 100
106 34.3 21.8 32.8#

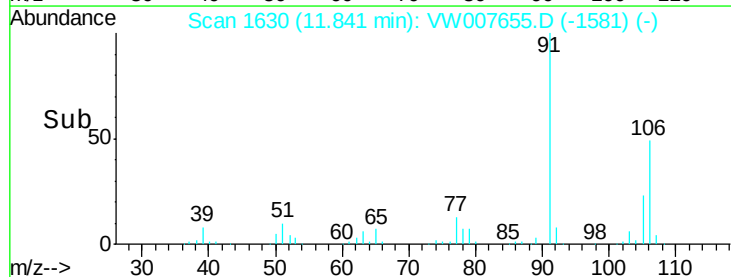
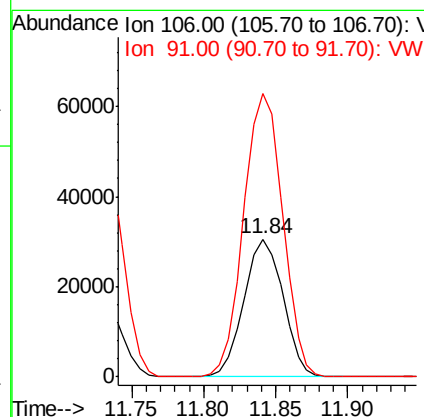
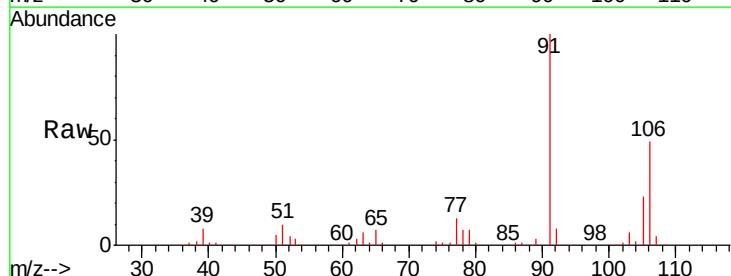
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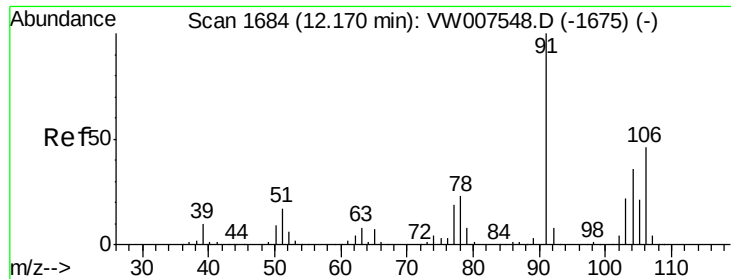
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#68
m/p-Xylenes
Concen: 105.884 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. 0.00 min
Lab File: VW007655.D
Acq: 18 Dec 2018 13:51

Tgt Ion: 106 Resp: 57558
Ion Ratio Lower Upper
106 100
91 206.5 165.3 247.9





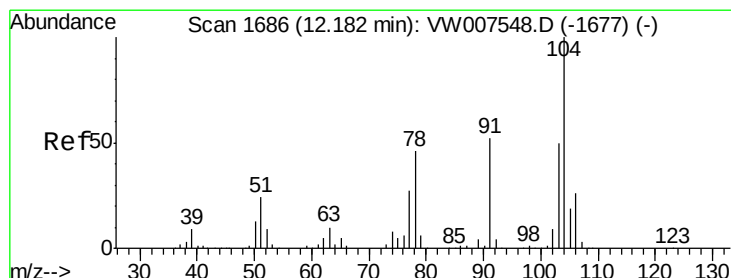
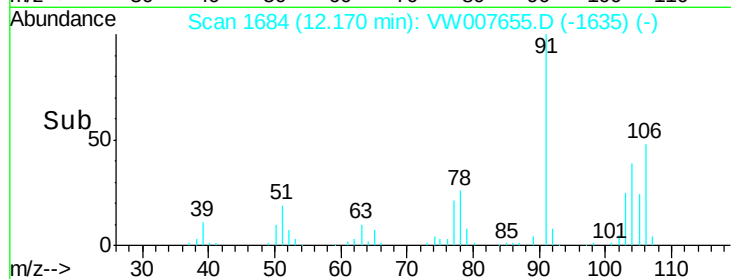
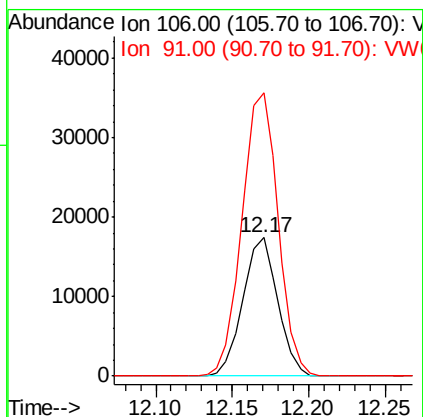
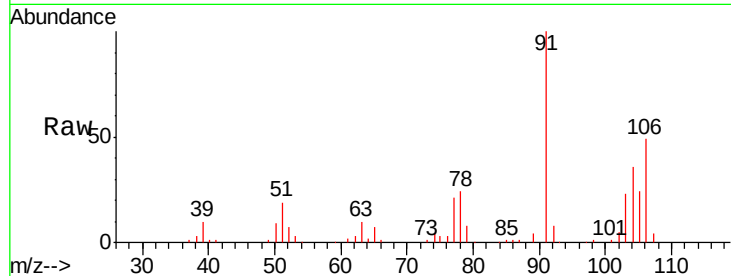
#69
o-Xylene
Concen: 54.296 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. 0.00 min
Lab File: VW007655.D
Acq: 18 Dec 2018 13:51

Instrument :
MSVOA_W
ClientSampleId :
P001-SS016-0006-01MSD

Tgt Ion:106 Resp: 27565
Ion Ratio Lower Upper
106 100
91 211.9 106.6 319.8

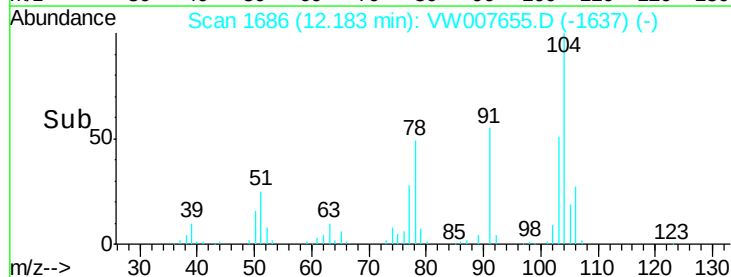
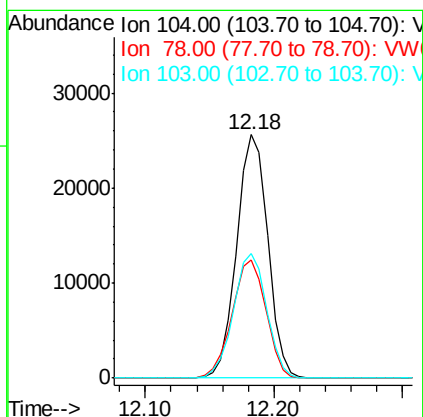
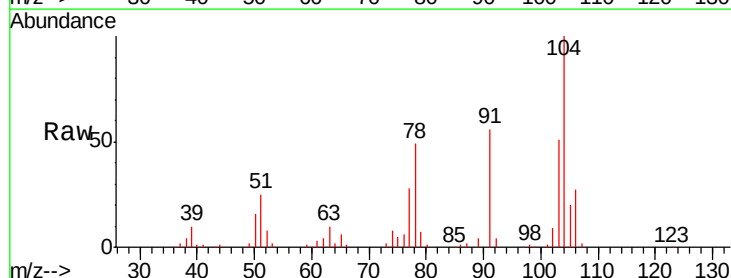
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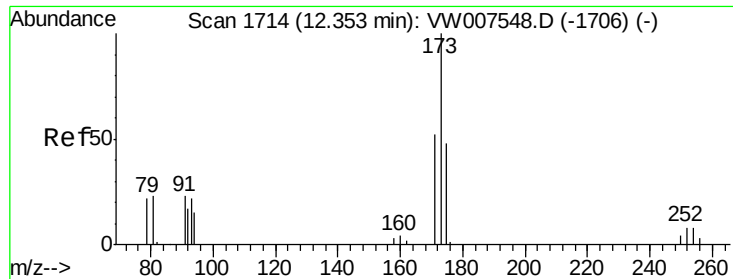
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#70
Styrene
Concen: 52.275 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. 0.00 min
Lab File: VW007655.D
Acq: 18 Dec 2018 13:51

Tgt Ion:104 Resp: 42866
Ion Ratio Lower Upper
104 100
78 52.9 41.8 62.8
103 54.7 46.6 69.8





#71

Bromoform

Concen: 61.897 ug/l

RT: 12.35 min Scan# 1713

Delta R.T. 0.00 min

Lab File: VW007655.D

Acq: 18 Dec 2018 13:51

Instrument :

MSVOA_W

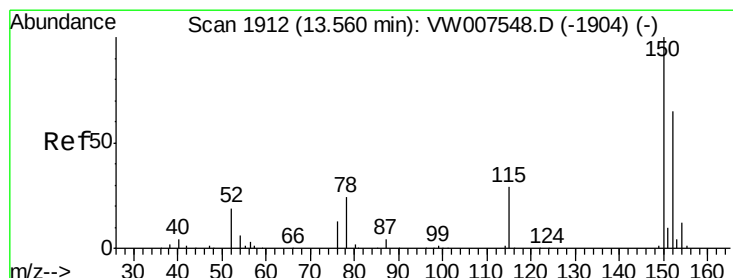
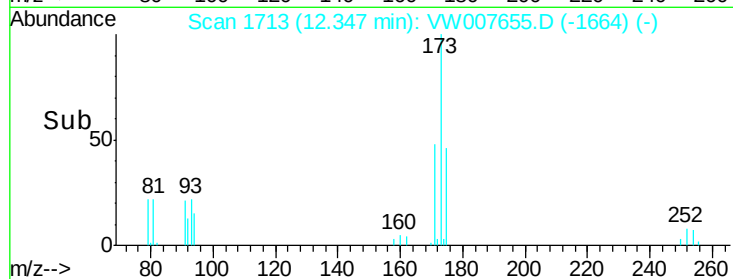
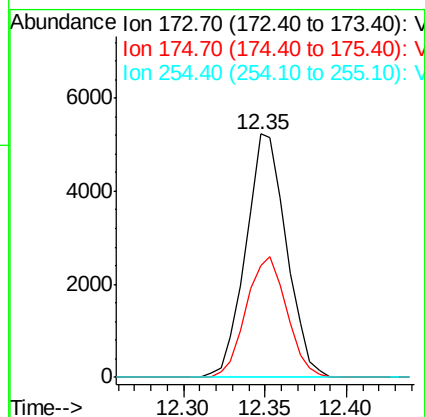
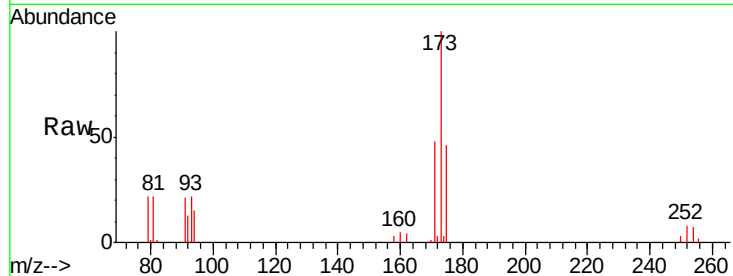
ClientSampleId :

P001-SS016-0006-01MSD

Tgt Ion:	173	Resp:	9075
Ion Ratio	Lower	Upper	
173	100		
175	49.3	23.6	70.8
254	0.0	0.0	0.0

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#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

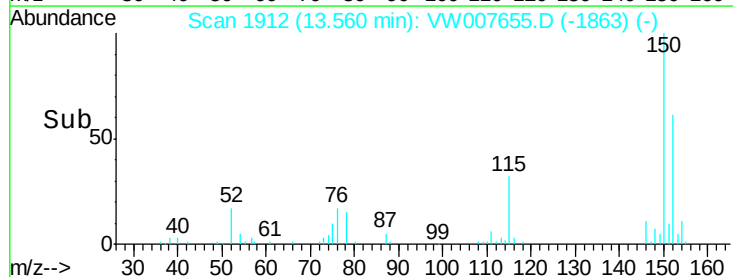
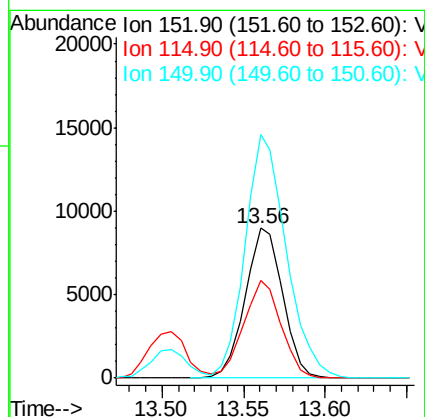
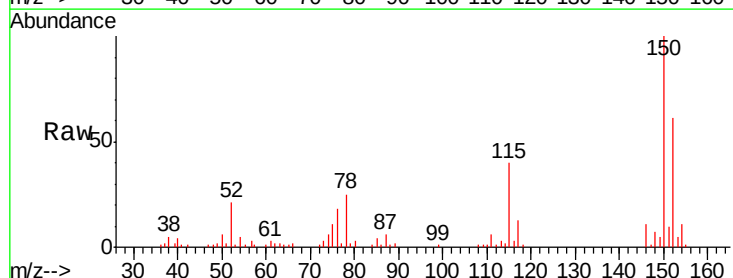
RT: 13.56 min Scan# 1912

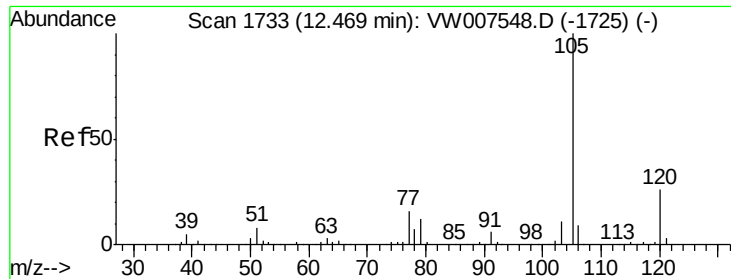
Delta R.T. 0.00 min

Lab File: VW007655.D

Acq: 18 Dec 2018 13:51

Tgt Ion:	152	Resp:	14343
Ion Ratio	Lower	Upper	
152	100		
115	64.8	31.4	94.2
150	178.4	0.0	358.4





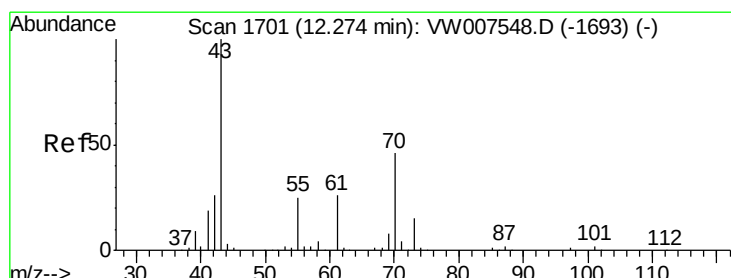
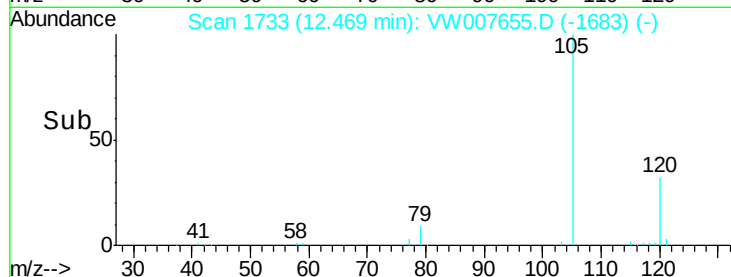
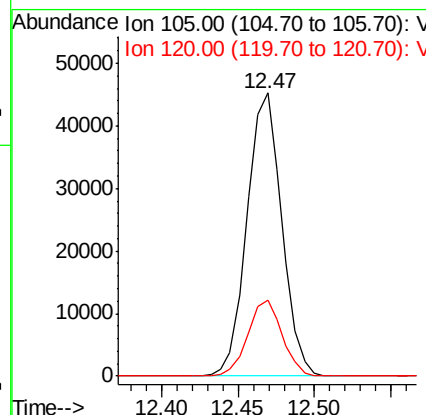
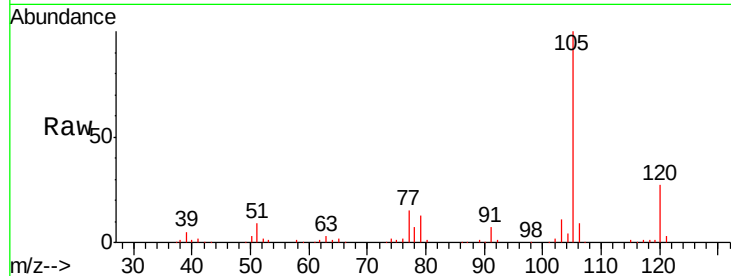
#73
Isopropylbenzene
Concen: 64.935 ug/l
RT: 12.47 min Scan# 1733
Delta R.T. 0.01 min
Lab File: VW007655.D
Acq: 18 Dec 2018 13:51

Instrument :
MSVOA_W
ClientSampleId :
P001-SS016-0006-01MSD

Tgt Ion: 105 Resp: 71365
Ion Ratio Lower Upper
105 100
120 26.5 12.8 38.4

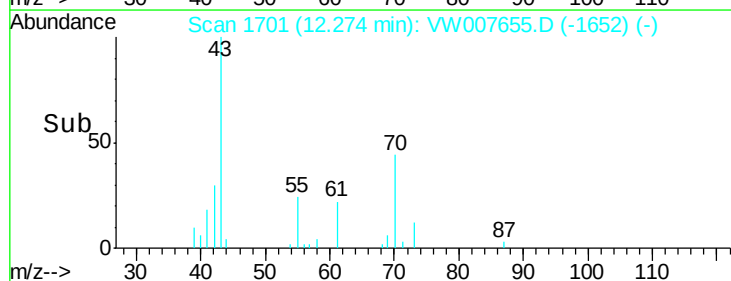
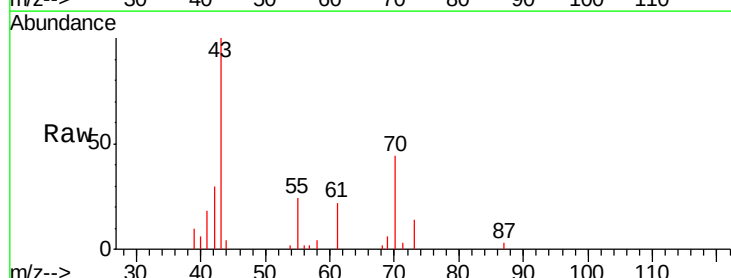
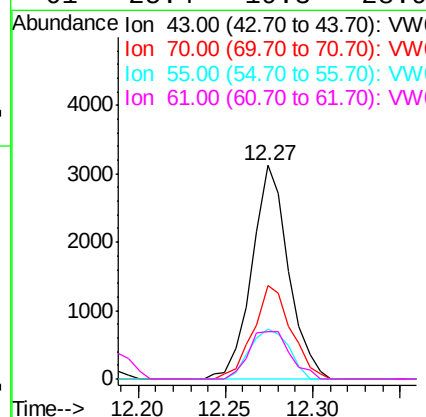
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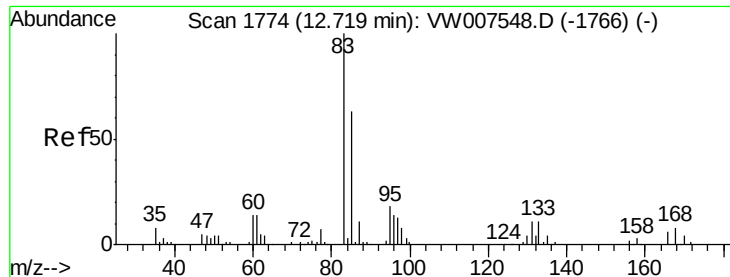
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#74
N-ethyl acetate
Concen: 22.820 ug/l
RT: 12.27 min Scan# 1701
Delta R.T. 0.00 min
Lab File: VW007655.D
Acq: 18 Dec 2018 13:51

Tgt Ion: 43 Resp: 4558
Ion Ratio Lower Upper
43 100
70 45.5 36.5 54.7
55 24.9 20.1 30.1
61 25.4 19.3 28.9





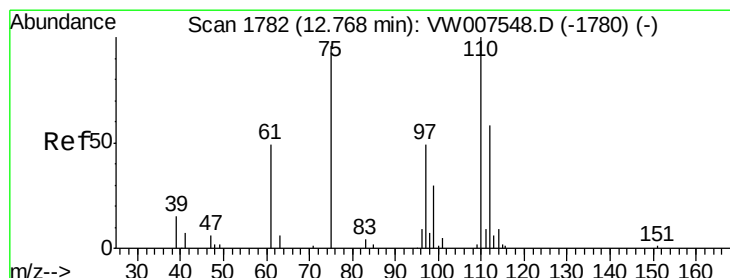
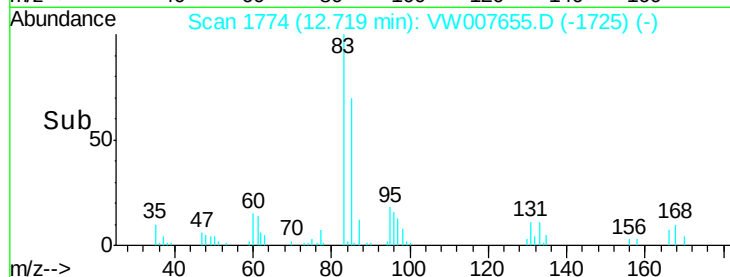
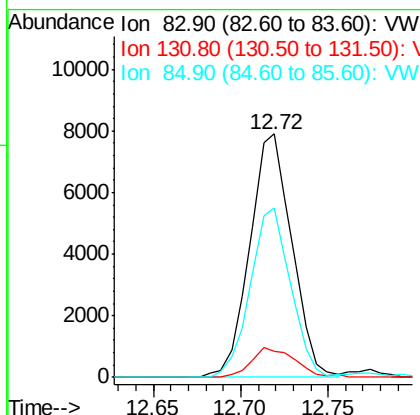
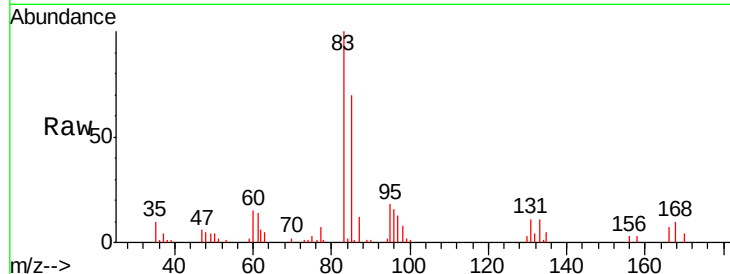
#75
 1,1,2,2-Tetrachloroethane
 Concen: 80.908 ug/l
 RT: 12.72 min Scan# 1774
 Delta R.T. 0.00 min
 Lab File: VW007655.D
 Acq: 18 Dec 2018 13:51

Instrument :
 MSVOA_W
 ClientSampleId :
 P001-SS016-0006-01MSD

Tgt Ion	Ratio	Lower	Upper
83	100		
131	12.8	5.9	17.8
85	67.4	30.0	90.0

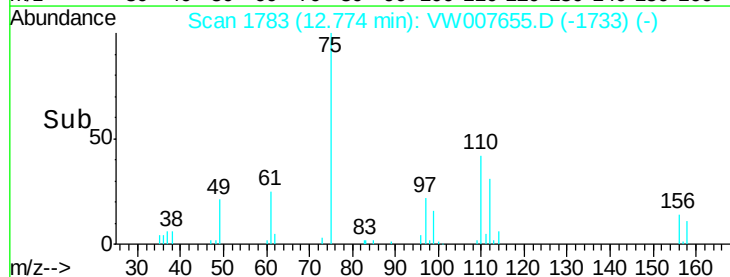
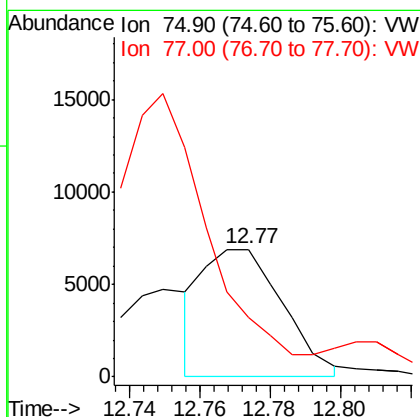
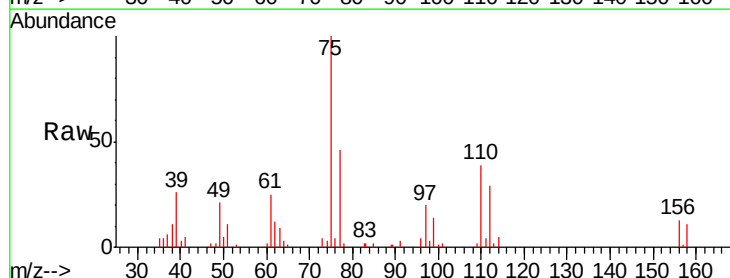
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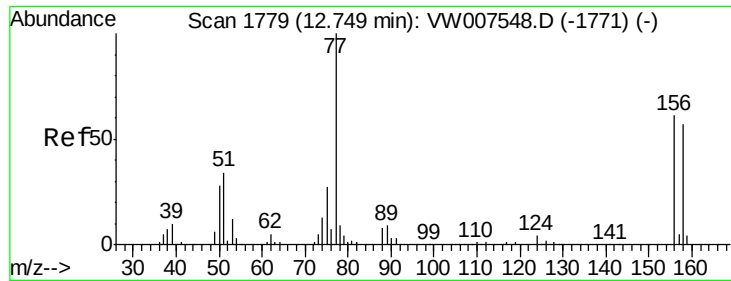
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#76
 1,2,3-Trichloropropane
 Concen: 92.117 ug/l m
 RT: 12.77 min Scan# 1783
 Delta R.T. 0.01 min
 Lab File: VW007655.D
 Acq: 18 Dec 2018 13:51

Tgt Ion	Ratio	Lower	Upper
75	100		
77	0.0	166.9	500.8#





#77

Bromobenzene

Concen: 65.215 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VW007655.D

Acq: 18 Dec 2018 13:51

Instrument :

MSVOA_W

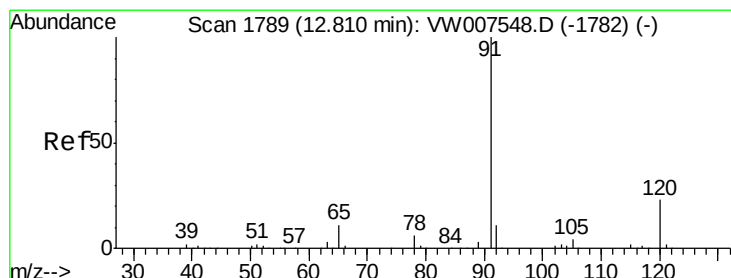
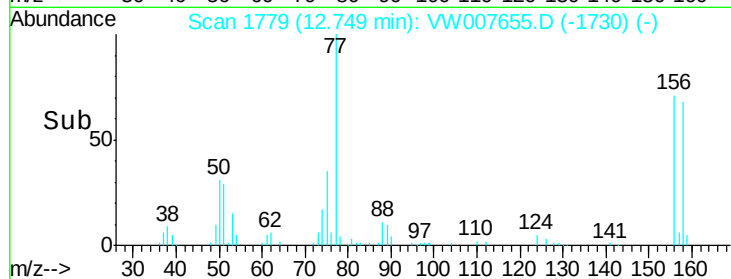
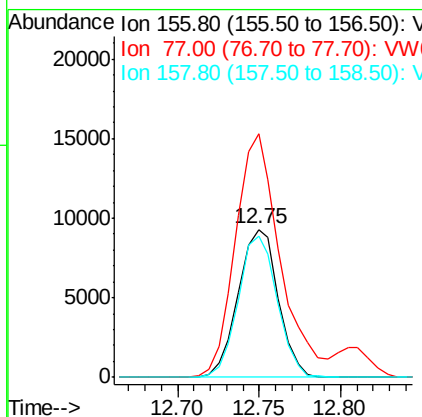
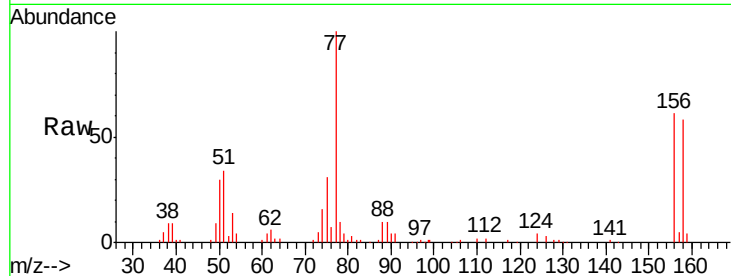
ClientSampleId :

P001-SS016-0006-01MSD

Tgt Ion:	156	Resp:	15887
Ion Ratio	Lower	Upper	
156	100		
77	185.1	88.1	264.4
158	92.9	45.6	136.7

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#78

n-propylbenzene

Concen: 60.488 ug/l

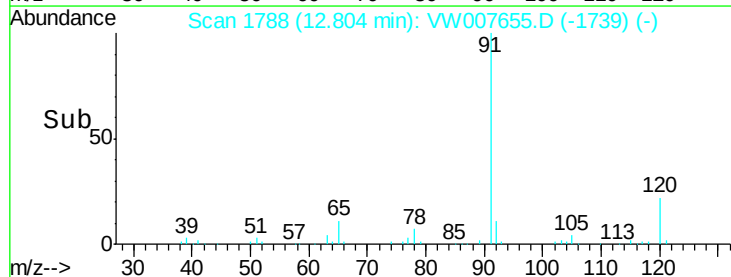
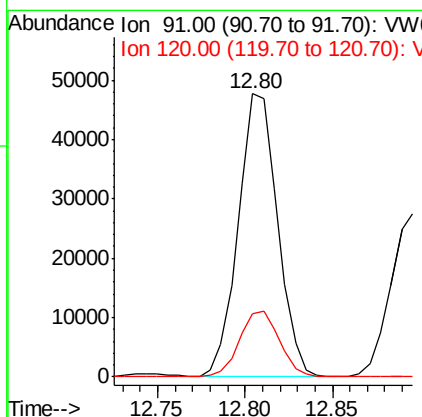
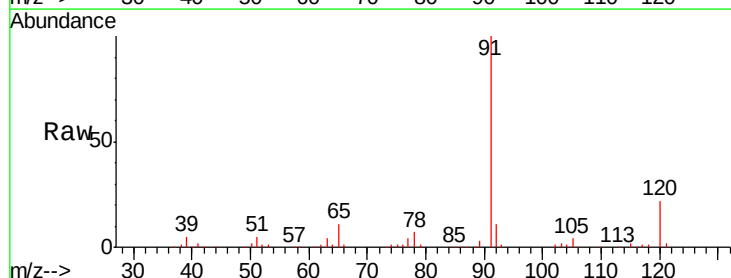
RT: 12.80 min Scan# 1788

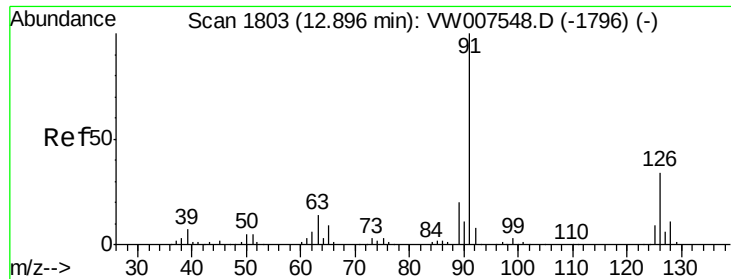
Delta R.T. 0.00 min

Lab File: VW007655.D

Acq: 18 Dec 2018 13:51

Tgt Ion:	91	Resp:	74814
Ion Ratio	Lower	Upper	
91	100		
120	23.5	11.9	35.5





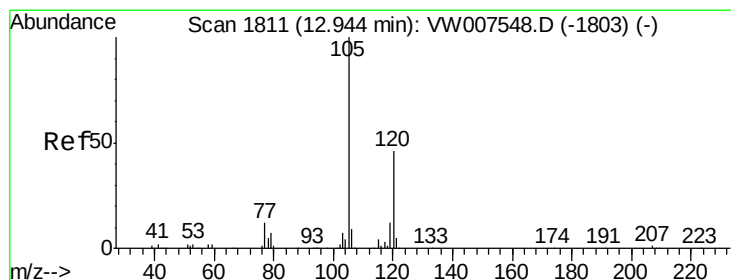
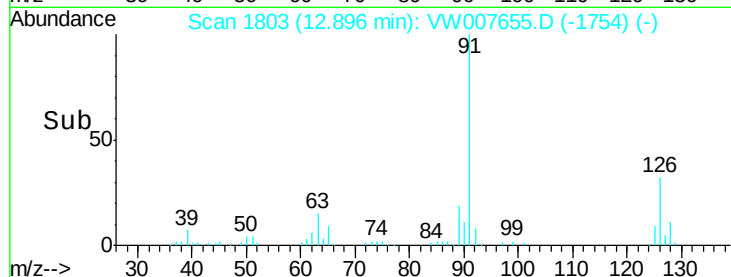
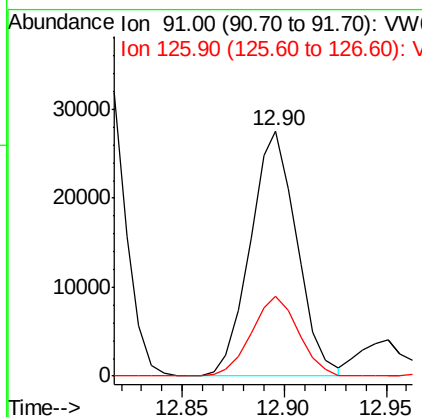
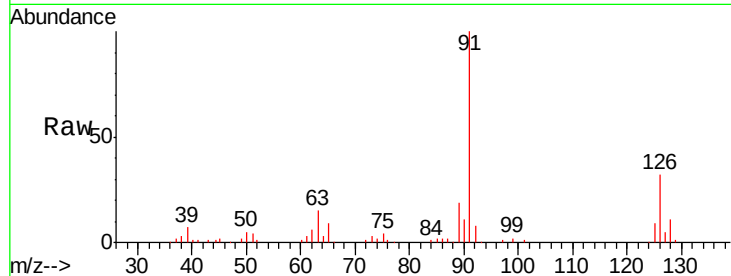
#79
2-Chlorotoluene
Concen: 58.473 ug/l
RT: 12.90 min Scan# 1803
Delta R.T. 0.00 min
Lab File: VW007655.D
Acq: 18 Dec 2018 13:51

Instrument :
MSVOA_W
ClientSampleId :
P001-SS016-0006-01MSD

Tgt Ion: 91 Resp: 43760
Ion Ratio Lower Upper
91 100
126 32.8 15.9 47.6

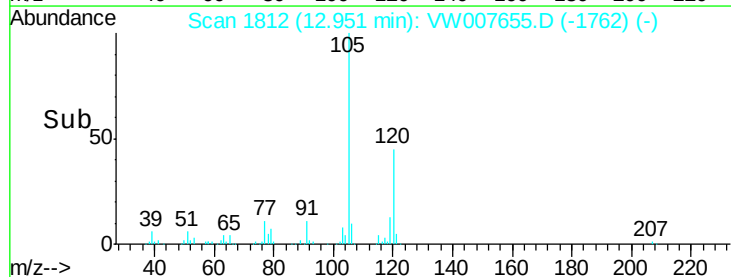
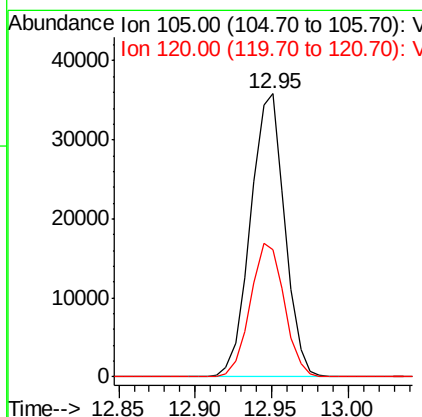
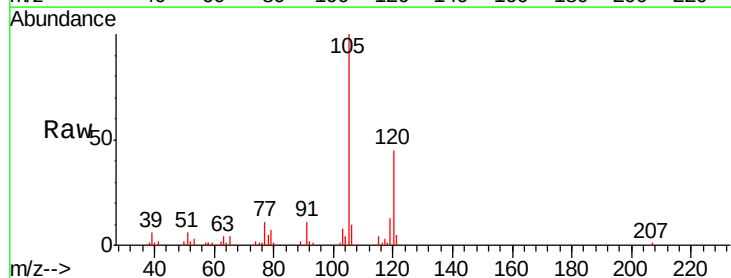
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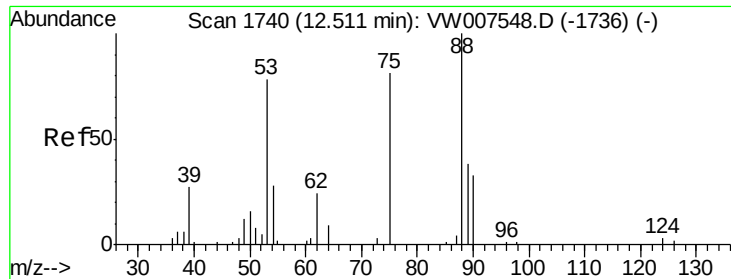
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#80
1,3,5-Trimethylbenzene
Concen: 60.389 ug/l
RT: 12.95 min Scan# 1812
Delta R.T. 0.01 min
Lab File: VW007655.D
Acq: 18 Dec 2018 13:51

Tgt Ion: 105 Resp: 55766
Ion Ratio Lower Upper
105 100
120 46.7 23.8 71.4





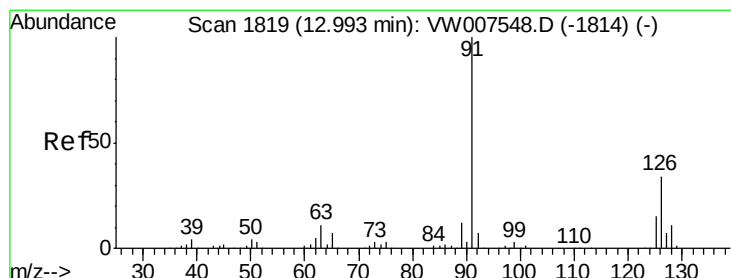
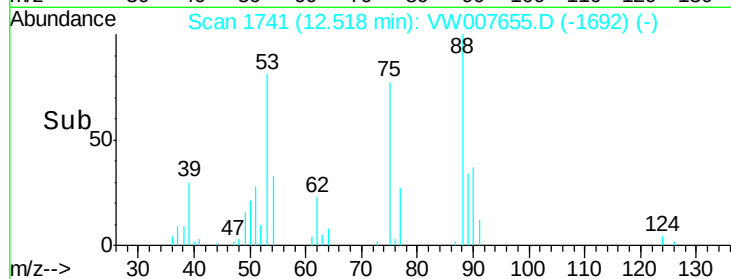
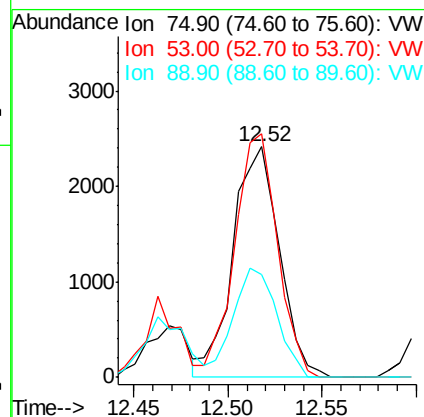
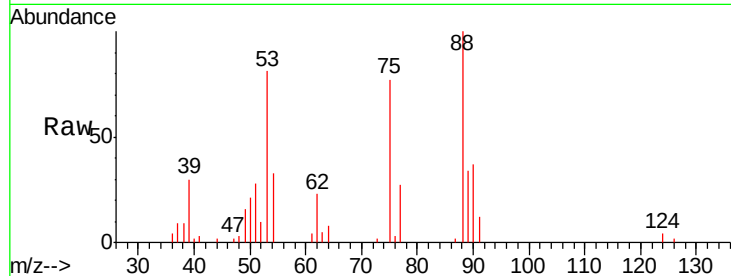
#81
trans-1,4-Dichloro-2-butene
Concen: 76.882 ug/l
RT: 12.52 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VW007655.D
Acq: 18 Dec 2018 13:51

Instrument :
MSVOA_W
ClientSampleId :
P001-SS016-0006-01MSD

Tgt Ion	Ratio	Lower	Upper
75	100		
53	97.2	84.9	127.3
89	44.6	40.3	60.5

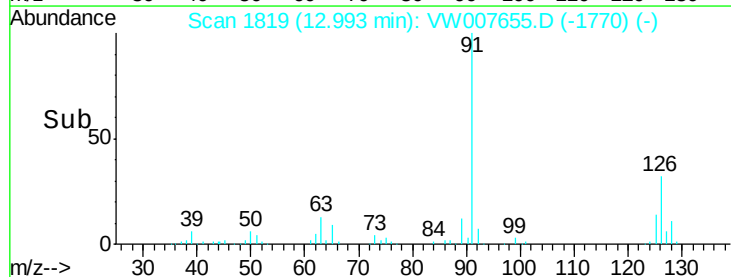
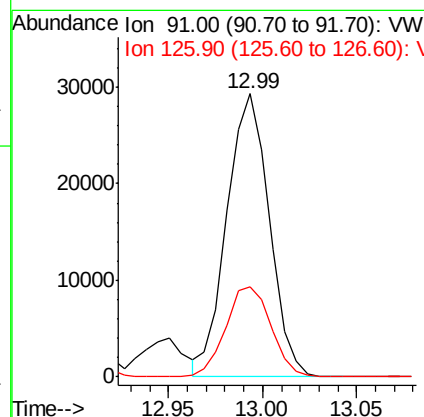
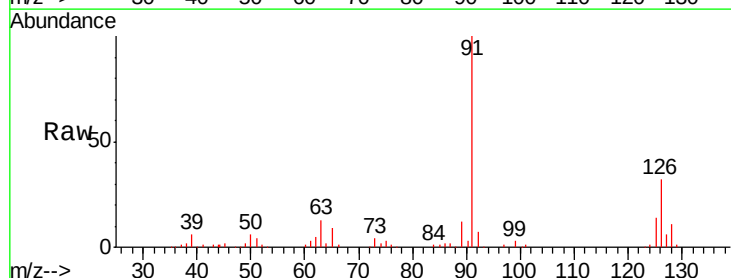
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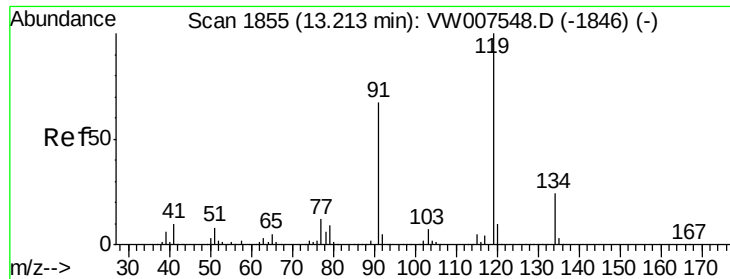
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#82
4-Chlorotoluene
Concen: 58.043 ug/l
RT: 12.99 min Scan# 1819
Delta R.T. 0.00 min
Lab File: VW007655.D
Acq: 18 Dec 2018 13:51

Tgt Ion	Ratio	Lower	Upper
91	100		
126	34.0	16.0	48.0





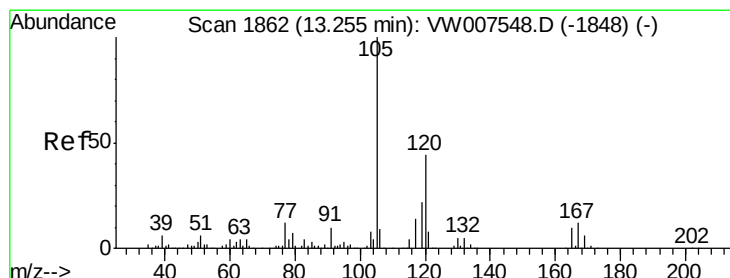
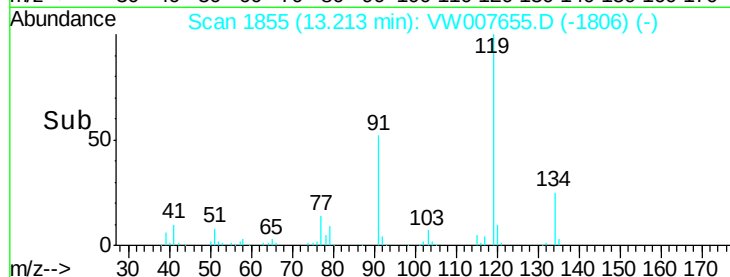
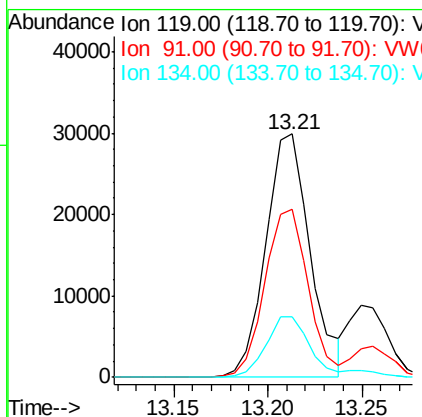
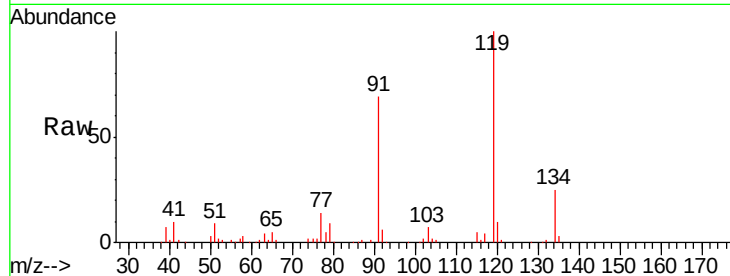
#83
tert-Butylbenzene
Concen: 60.220 ug/l
RT: 13.21 min Scan# 1855
Delta R.T. 0.00 min
Lab File: VW007655.D
Acq: 18 Dec 2018 13:51

Instrument :
MSVOA_W
ClientSampleId :
P001-SS016-0006-01MSD

Tgt Ion	Ratio	Lower	Upper
119	100		
91	67.2	33.1	99.2
134	26.7	12.5	37.5

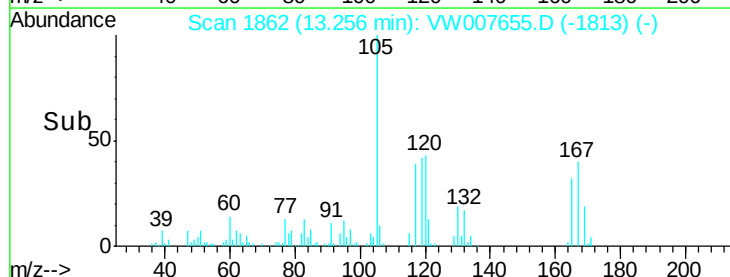
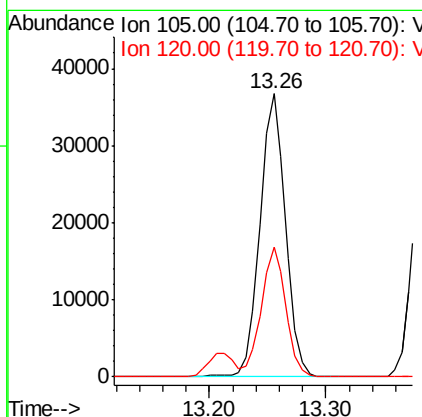
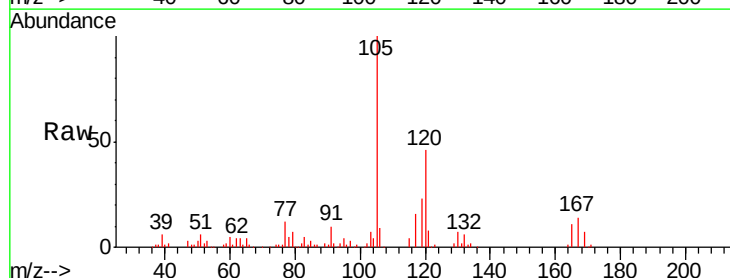
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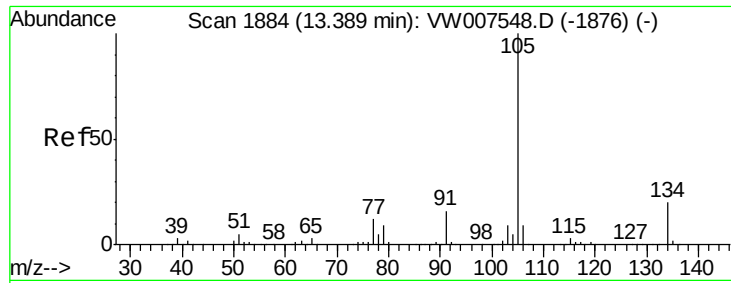
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#84
1,2,4-Trimethylbenzene
Concen: 59.047 ug/l
RT: 13.26 min Scan# 1862
Delta R.T. 0.00 min
Lab File: VW007655.D
Acq: 18 Dec 2018 13:51

Tgt Ion	Ratio	Lower	Upper
105	100		
120	44.1	22.6	67.7





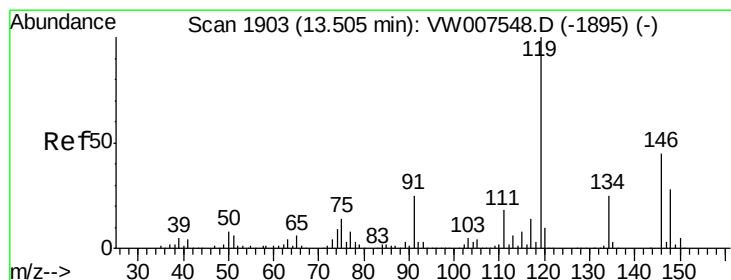
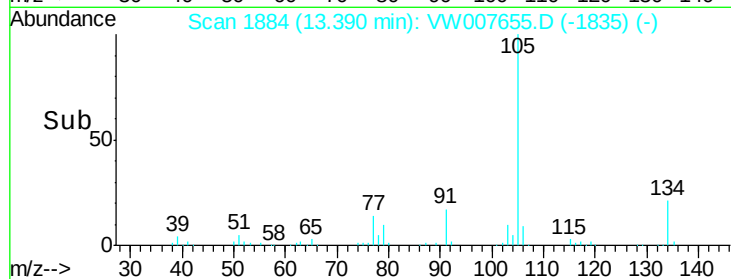
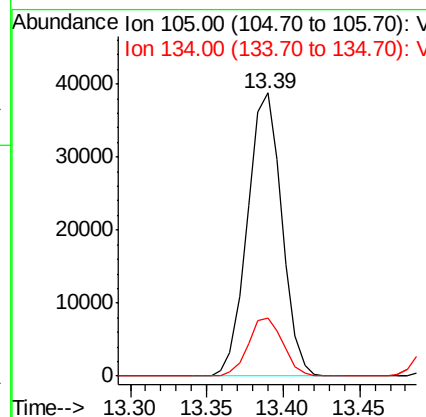
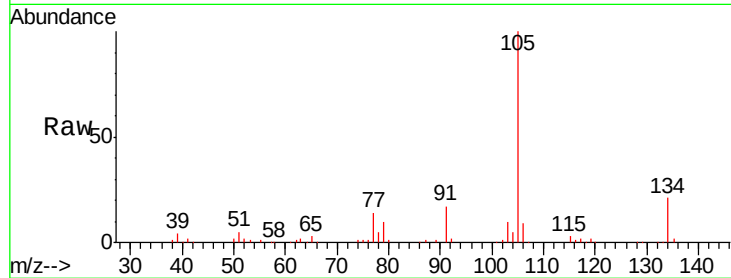
#85
 sec-Butylbenzene
 Concen: 54.575 ug/l
 RT: 13.39 min Scan# 1884
 Delta R.T. 0.00 min
 Lab File: VW007655.D
 Acq: 18 Dec 2018 13:51

Instrument :
 MSVOA_W
 ClientSampleId :
 P001-SS016-0006-01MSD

Tgt Ion:105 Resp: 60621
 Ion Ratio Lower Upper
 105 100
 134 20.7 11.1 33.3

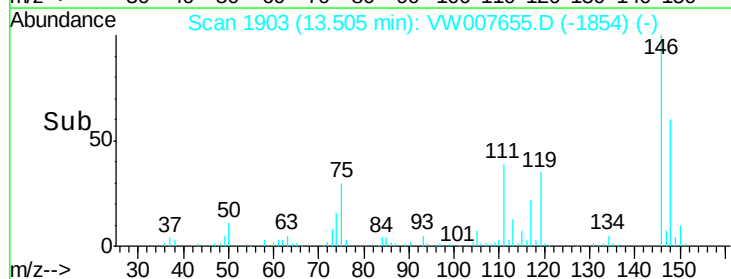
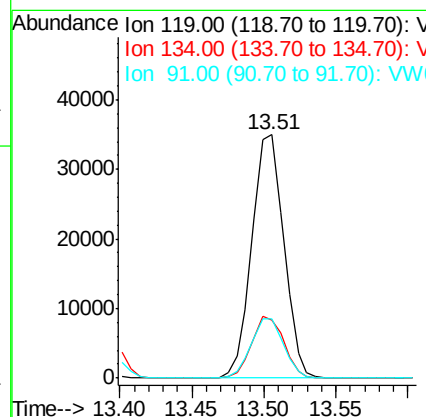
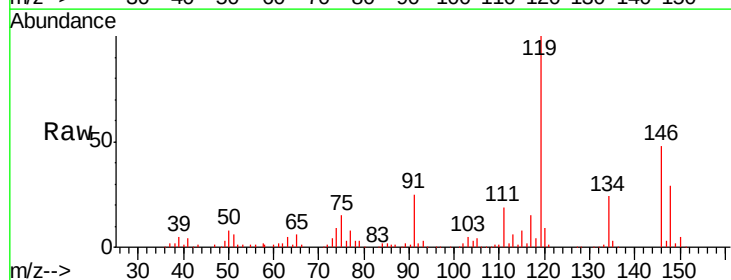
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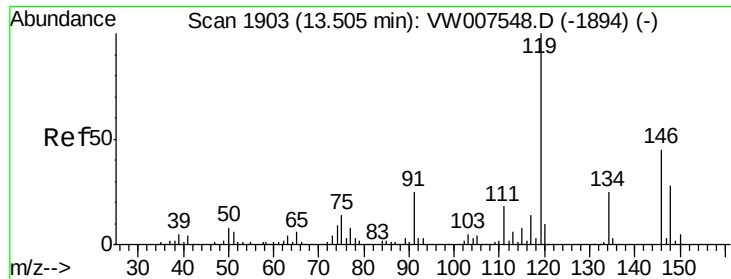
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#86
 p-Isopropyltoluene
 Concen: 53.749 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. 0.00 min
 Lab File: VW007655.D
 Acq: 18 Dec 2018 13:51

Tgt Ion:119 Resp: 53636
 Ion Ratio Lower Upper
 119 100
 134 25.6 12.9 38.7
 91 24.9 11.9 35.9





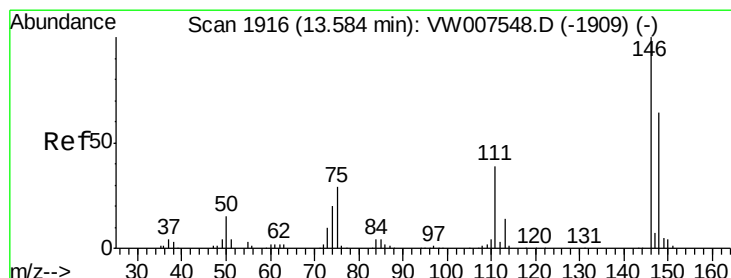
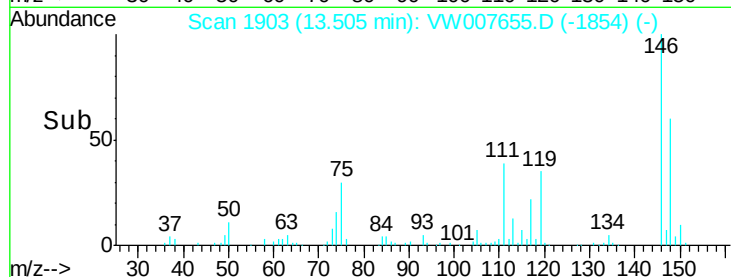
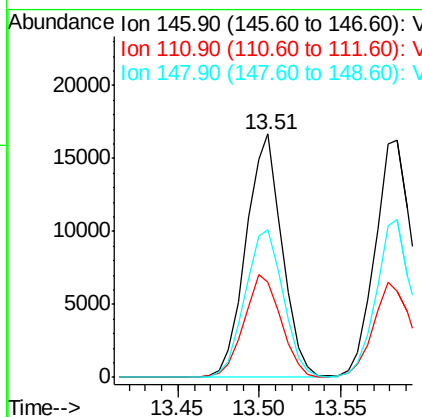
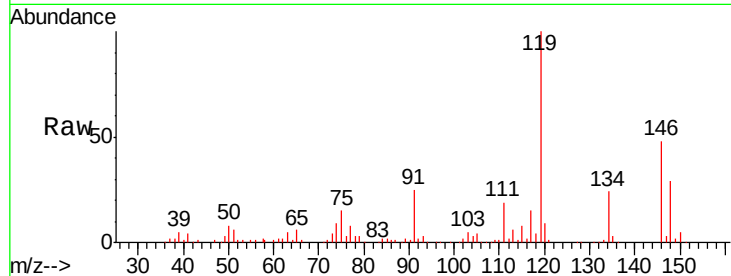
#87
 1,3-Dichlorobenzene
 Concen: 52.878 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. 0.00 min
 Lab File: VW007655.D
 Acq: 18 Dec 2018 13:51

Instrument :
 MSVOA_W
 ClientSampleId :
 P001-SS016-0006-01MSD

Tgt Ion	Ratio	Lower	Upper
146	100		
111	43.2	20.1	60.3
148	64.2	31.4	94.0

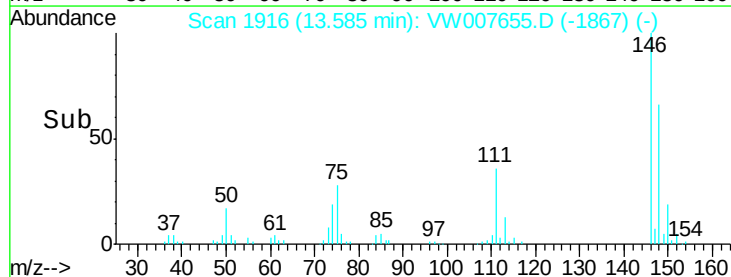
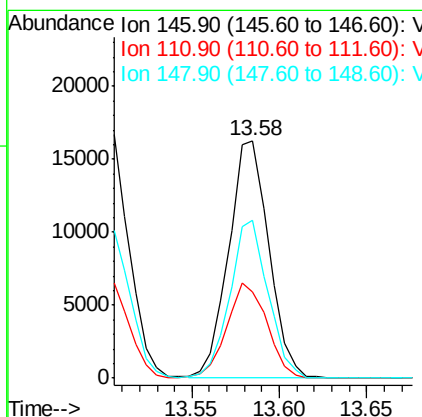
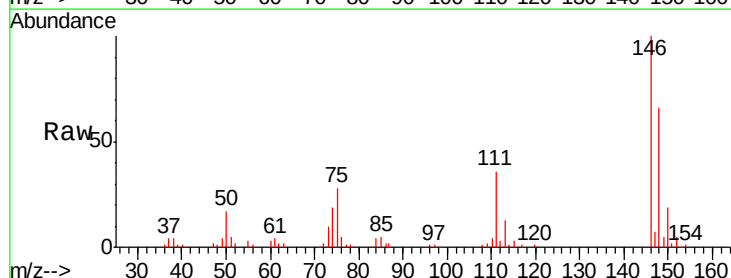
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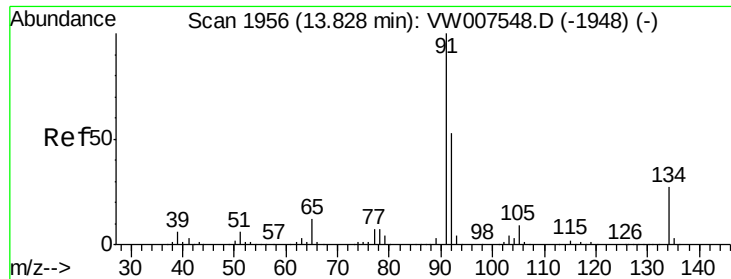
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#88
 1,4-Dichlorobenzene
 Concen: 53.373 ug/l
 RT: 13.58 min Scan# 1916
 Delta R.T. 0.00 min
 Lab File: VW007655.D
 Acq: 18 Dec 2018 13:51

Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.0	20.3	61.0
148	63.3	33.5	100.5





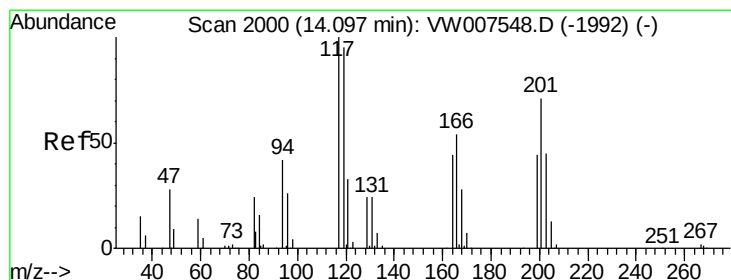
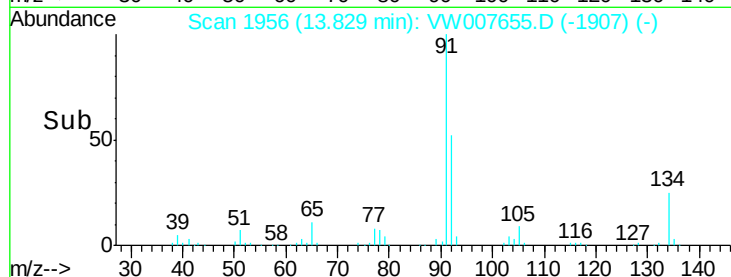
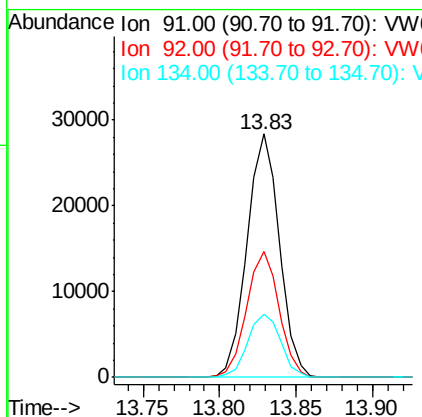
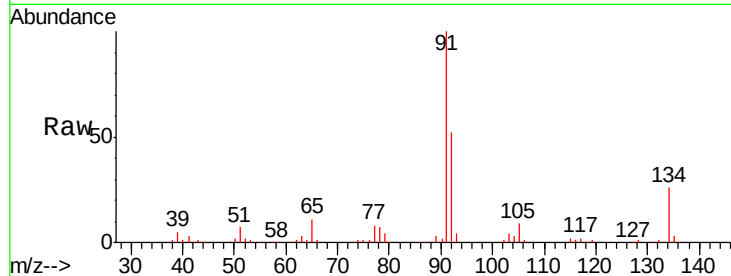
#89
n-Butylbenzene
Concen: 45.220 ug/l
RT: 13.83 min Scan# 1956
Delta R.T. 0.00 min
Lab File: VW007655.D
Acq: 18 Dec 2018 13:51

Instrument :
MSVOA_W
ClientSampleId :
P001-SS016-0006-01MSD

Tgt Ion	Ratio	Lower	Upper
91	100		
92	51.7	25.7	77.1
134	26.5	13.4	40.2

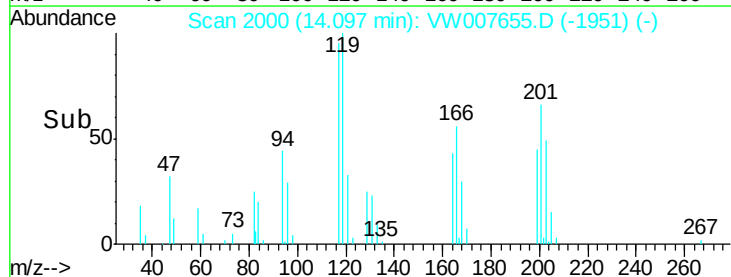
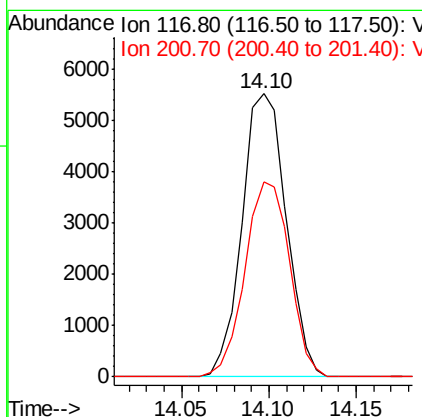
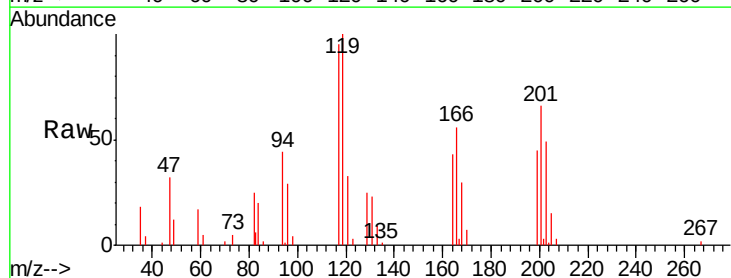
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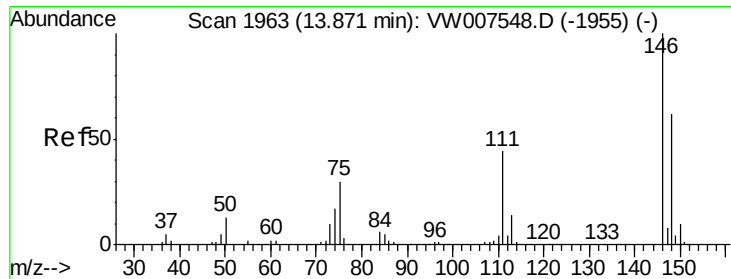
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#90
Hexachloroethane
Concen: 54.659 ug/l
RT: 14.10 min Scan# 2000
Delta R.T. 0.00 min
Lab File: VW007655.D
Acq: 18 Dec 2018 13:51

Tgt Ion	Ratio	Lower	Upper
117	100		
201	69.5	35.3	105.9





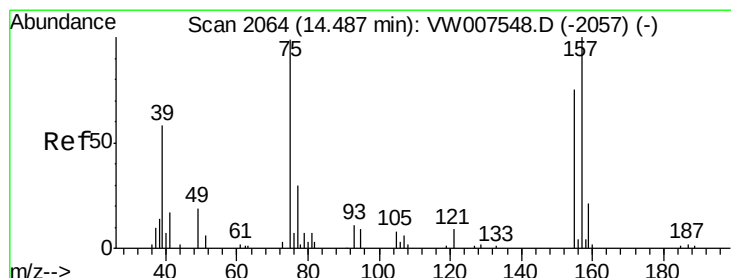
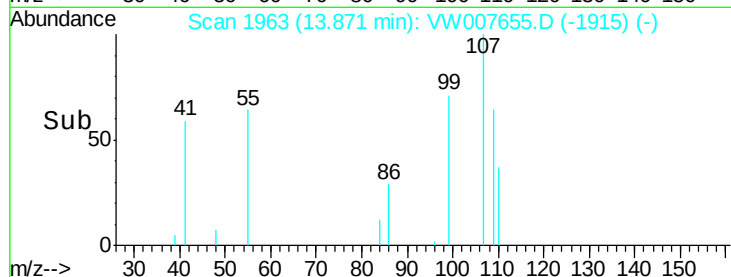
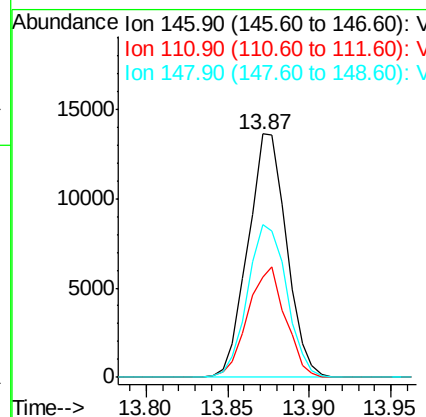
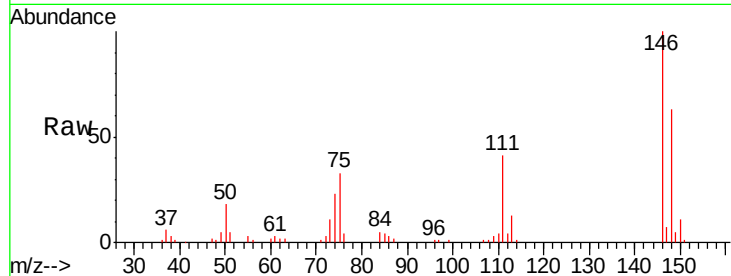
#91
 1,2-Dichlorobenzene
 Concen: 51.787 ug/l
 RT: 13.87 min Scan# 1963
 Delta R.T. -0.01 min
 Lab File: VW007655.D
 Acq: 18 Dec 2018 13:51

Instrument :
 MSVOA_W
 ClientSampleId :
 P001-SS016-0006-01MSD

Tgt Ion	Ratio	Lower	Upper
146	100		
111	44.0	22.4	67.2
148	63.4	32.4	97.2

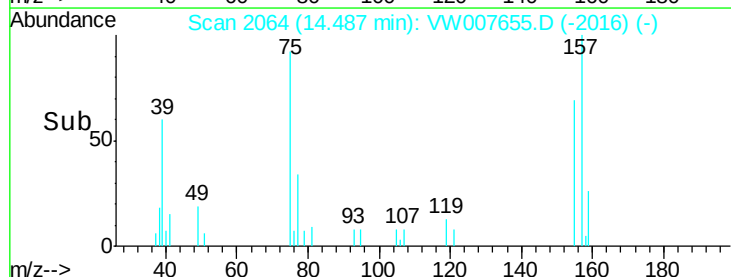
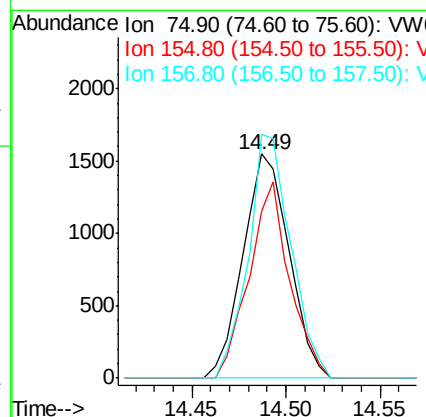
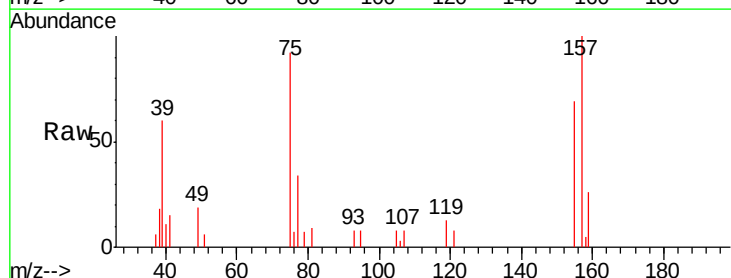
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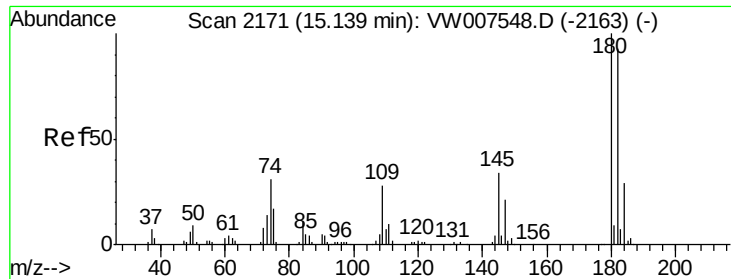
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 80.298 ug/l
 RT: 14.49 min Scan# 2064
 Delta R.T. -0.01 min
 Lab File: VW007655.D
 Acq: 18 Dec 2018 13:51

Tgt Ion	Ratio	Lower	Upper
75	100		
155	76.9	40.8	122.2
157	100.6	51.1	153.4





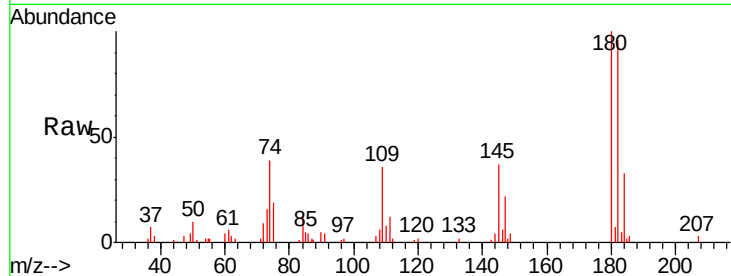
#93
 1,2,4-Trichlorobenzene
 Concen: 31.558 ug/l
 RT: 15.14 min Scan# 2171
 Delta R.T. 0.00 min
 Lab File: VW007655.D
 Acq: 18 Dec 2018 13:51

Instrument :
 MSVOA_W
 ClientSampleId :
 P001-SS016-0006-01MSD

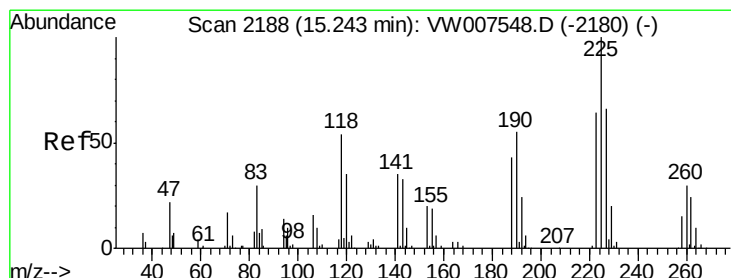
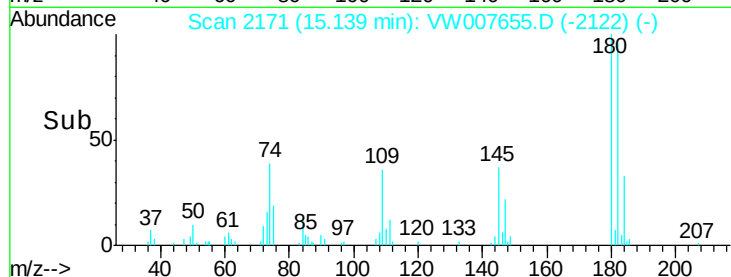
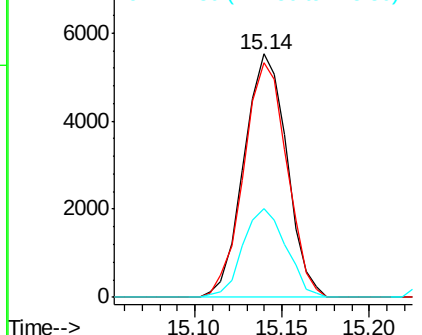
Tgt Ion	Ratio	Resp	Lower	Upper
180	100	9448		
182	96.8	49.9	149.6	
145	36.6	17.8	53.4	

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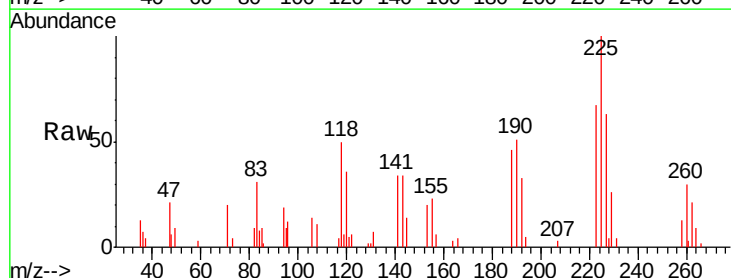


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

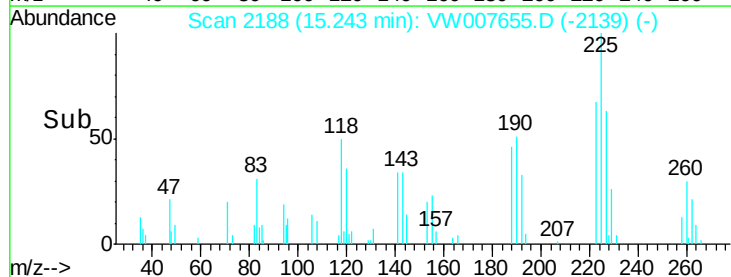
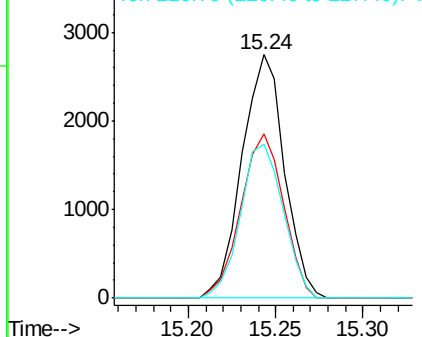


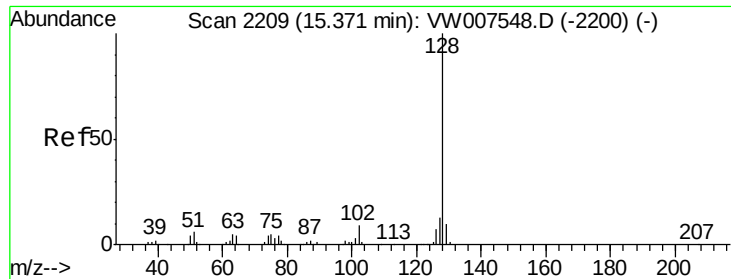
#94
 Hexachlorobutadiene
 Concen: 29.179 ug/l
 RT: 15.24 min Scan# 2188
 Delta R.T. 0.00 min
 Lab File: VW007655.D
 Acq: 18 Dec 2018 13:51

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	4635		
223	67.8	32.1	96.3	
227	64.0	31.9	95.9	



Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V





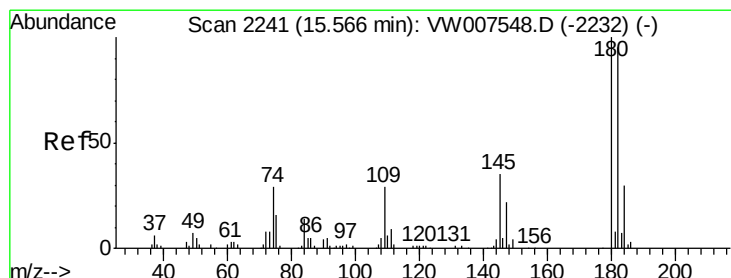
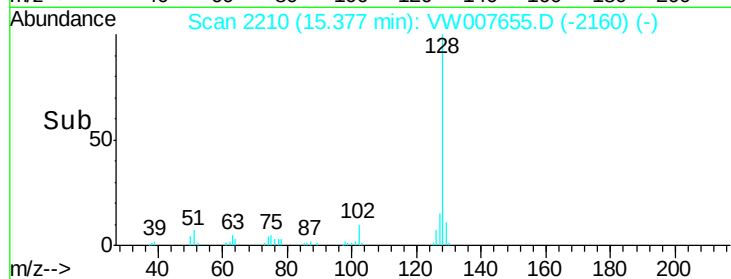
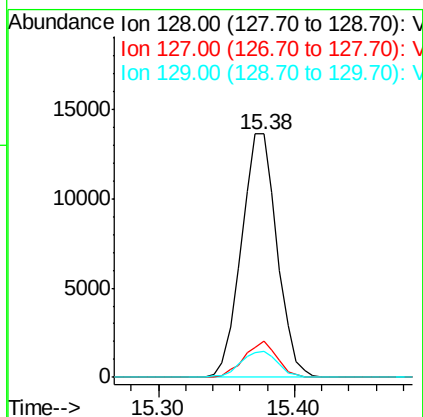
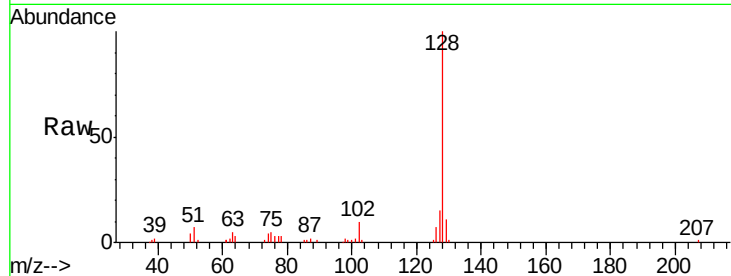
#95
Naphthalene
Concen: 43.576 ug/l
RT: 15.38 min Scan# 2210
Delta R.T. 0.01 min
Lab File: VW007655.D
Acq: 18 Dec 2018 13:51

Instrument :
MSVOA_W
ClientSampleId :
P001-SS016-0006-01MSD

Tgt Ion	Ratio	Lower	Upper
128	100		
127	13.6	10.2	15.4
129	11.1	8.3	12.5

Manual Integrations
APPROVED

apatel
12/19/2018 12:15:15 PM



#96
1,2,3-Trichlorobenzene
Concen: 31.038 ug/l
RT: 15.57 min Scan# 2241
Delta R.T. 0.01 min
Lab File: VW007655.D
Acq: 18 Dec 2018 13:51

Tgt Ion	Ratio	Lower	Upper
180	100		
182	92.3	45.6	136.7
145	33.7	17.5	52.5

