

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW062819\
 Data File : VW011026.D
 Acq On : 27 Jun 2019 18:37
 Operator : SY/VA
 Sample : VSTDICV050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 ICSVW062819

Manual Integrations
 APPROVED

MMDadoda
 6/28/2019 10:25:17 AM

Quant Time: Jun 28 02:12:39 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W062819S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 28 01:55:46 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	223856	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	370712	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	332142	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	163353	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	151260	51.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.38%	
35) Dibromofluoromethane	7.88	113	116415	51.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.86%	
50) Toluene-d8	10.32	98	486332	52.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.38%	
62) 4-Bromofluorobenzene	12.62	95	176880	51.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.80%	

Target Compounds					Qvalue
2) Dichlorodifluoromethane	2.01	85	77999	46.221	ug/l 95
3) Chloromethane	2.21	50	100212	44.297	ug/l 96
4) Vinyl Chloride	2.36	62	133253	45.239	ug/l 99
5) Bromomethane	2.77	94	70452	48.052	ug/l 99
6) Chloroethane	2.92	64	75483	48.606	ug/l 98
7) Trichlorofluoromethane	3.25	101	41526	47.974	ug/l 99
8) Diethyl Ether	3.67	74	70142	51.167	ug/l 98
9) 1,1,2-Trichlorotrifluoroet	4.06	101	117433	48.239	ug/l 100
10) Methyl Iodide	4.27	142	165773	48.671	ug/l 99
11) Tert butyl alcohol	5.16	59	54084	254.467	ug/l 99
12) 1,1-Dichloroethene	4.04	96	121046	47.769	ug/l 96
13) Acrolein	3.89	56	40396	243.733	ug/l 99
14) Allyl chloride	4.66	41	204211	50.071	ug/l 99
15) Acrylonitrile	5.36	53	174267	258.149	ug/l 100
16) Acetone	4.12	43	192387	269.330	ug/l 99
17) Carbon Disulfide	4.39	76	357705	49.758	ug/l 100
18) Methyl Acetate	4.66	43	84914	45.891	ug/l 100
19) Methyl tert-butyl Ether	5.42	73	189456	52.824	ug/l 96
20) Methylene Chloride	4.91	84	131963	45.469	ug/l 99
21) trans-1,2-Dichloroethene	5.42	96	128065	49.046	ug/l 99
22) Diisopropyl ether	6.31	45	498155	50.758	ug/l 97
23) Vinyl Acetate	6.25	43	1631586	269.808	ug/l 100
24) 1,1-Dichloroethane	6.21	63	253261	48.887	ug/l 100
25) 2-Butanone	7.17	43	287812	265.072	ug/l 100
26) 2,2-Dichloropropane	7.17	77	124826	46.408	ug/l 98
27) cis-1,2-Dichloroethene	7.16	96	138380	49.220	ug/l 99
28) Bromochloromethane	7.51	49	103949	43.103	ug/l 99
29) Tetrahydrofuran	7.52	42	178187	263.625	ug/l 100
30) Chloroform	7.67	83	230197	48.911	ug/l 98
31) Cyclohexane	7.95	56	263191	47.018	ug/l 99
32) 1,1,1-Trichloroethane	7.87	97	174218	49.537	ug/l 99
36) 1,1-Dichloropropene	8.08	75	192444	48.298	ug/l 100
37) Ethyl Acetate	7.25	43	121768	52.533	ug/l 98
38) Carbon Tetrachloride	8.06	117	161242	49.139	ug/l 99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.33	83	245094	49.983	ug/l	95
40) Benzene	8.32	78	536113	48.920	ug/l	99
41) Methacrylonitrile	7.48	41	76304	54.107	ug/l	99
42) 1,2-Dichloroethane	8.40	62	176524	49.126	ug/l	100
43) Isopropyl Acetate	8.42	43	232279	52.972	ug/l	99
44) Trichloroethene	9.09	130	128069	48.354	ug/l	96
45) 1,2-Dichloropropane	9.37	63	147210	49.465	ug/l	100
46) Dibromomethane	9.46	93	68543	49.246	ug/l	99
47) Bromodichloromethane	9.64	83	175251	50.856	ug/l	99
48) Methyl methacrylate	9.43	41	112083	52.717	ug/l	99
49) 1,4-Dioxane	9.45	88	25110	1072.980	ug/l	98
51) 4-Methyl-2-Pentanone	10.21	43	610820	264.630	ug/l	100
52) Toluene	10.38	92	331270	49.373	ug/l	99
53) t-1,3-Dichloropropene	10.60	75	189909	52.909	ug/l	100
54) cis-1,3-Dichloropropene	10.07	75	221572	51.749	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	99020	50.356	ug/l	97
56) Ethyl methacrylate	10.65	69	157335	53.431	ug/l	98
57) 1,3-Dichloropropane	10.93	76	186822	49.946	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.92	63	395741	265.620	ug/l	99
59) 2-Hexanone	10.97	43	442118	274.664	ug/l	99
60) Dibromochloromethane	11.13	129	107627	52.194	ug/l	99
61) 1,2-Dibromoethane	11.23	107	93356	50.713	ug/l	99
64) Tetrachloroethene	10.86	164	113337	49.585	ug/l	97
65) Chlorobenzene	11.66	112	332877	48.960	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.73	131	116014	50.258	ug/l	99
67) Ethyl Benzene	11.73	91	643725	49.434	ug/l	99
68) m/p-Xylenes	11.84	106	465947	98.609	ug/l	99
69) o-Xylene	12.16	106	222232	50.493	ug/l	99
70) Styrene	12.18	104	386775	50.572	ug/l	99
71) Bromoform	12.35	173	59332	52.723	ug/l #	98
73) Isopropylbenzene	12.46	105	610302	49.871	ug/l	100
74) N-amyl acetate	12.27	43	223643	54.417	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.71	83	121466	50.545	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	86770m	50.314	ug/l	
77) Bromobenzene	12.75	156	135017	50.195	ug/l	99
78) n-propylbenzene	12.80	91	754771	49.806	ug/l	99
79) 2-Chlorotoluene	12.89	91	427547	49.383	ug/l	100
80) 1,3,5-Trimethylbenzene	12.94	105	520558	50.188	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.51	75	39331	48.646	ug/l	98
82) 4-Chlorotoluene	12.99	91	442766	49.075	ug/l	100
83) tert-Butylbenzene	13.21	119	435129	50.308	ug/l	98
84) 1,2,4-Trimethylbenzene	13.25	105	522816	49.869	ug/l	99
85) sec-Butylbenzene	13.38	105	630698	50.195	ug/l	100
86) p-Isopropyltoluene	13.50	119	567256	50.169	ug/l	100
87) 1,3-Dichlorobenzene	13.50	146	262346	49.307	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	260048	48.961	ug/l	99
89) n-Butylbenzene	13.82	91	578950	50.377	ug/l	100
90) Hexachloroethane	14.10	117	98601	50.966	ug/l	99
91) 1,2-Dichlorobenzene	13.87	146	233852	48.935	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	21964	53.780	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	173435	51.583	ug/l	100
94) Hexachlorobutadiene	15.24	225	102876	50.447	ug/l	99
95) Naphthalene	15.37	128	347510	55.023	ug/l	100
96) 1,2,3-Trichlorobenzene	15.56	180	154770	51.551	ug/l	99

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

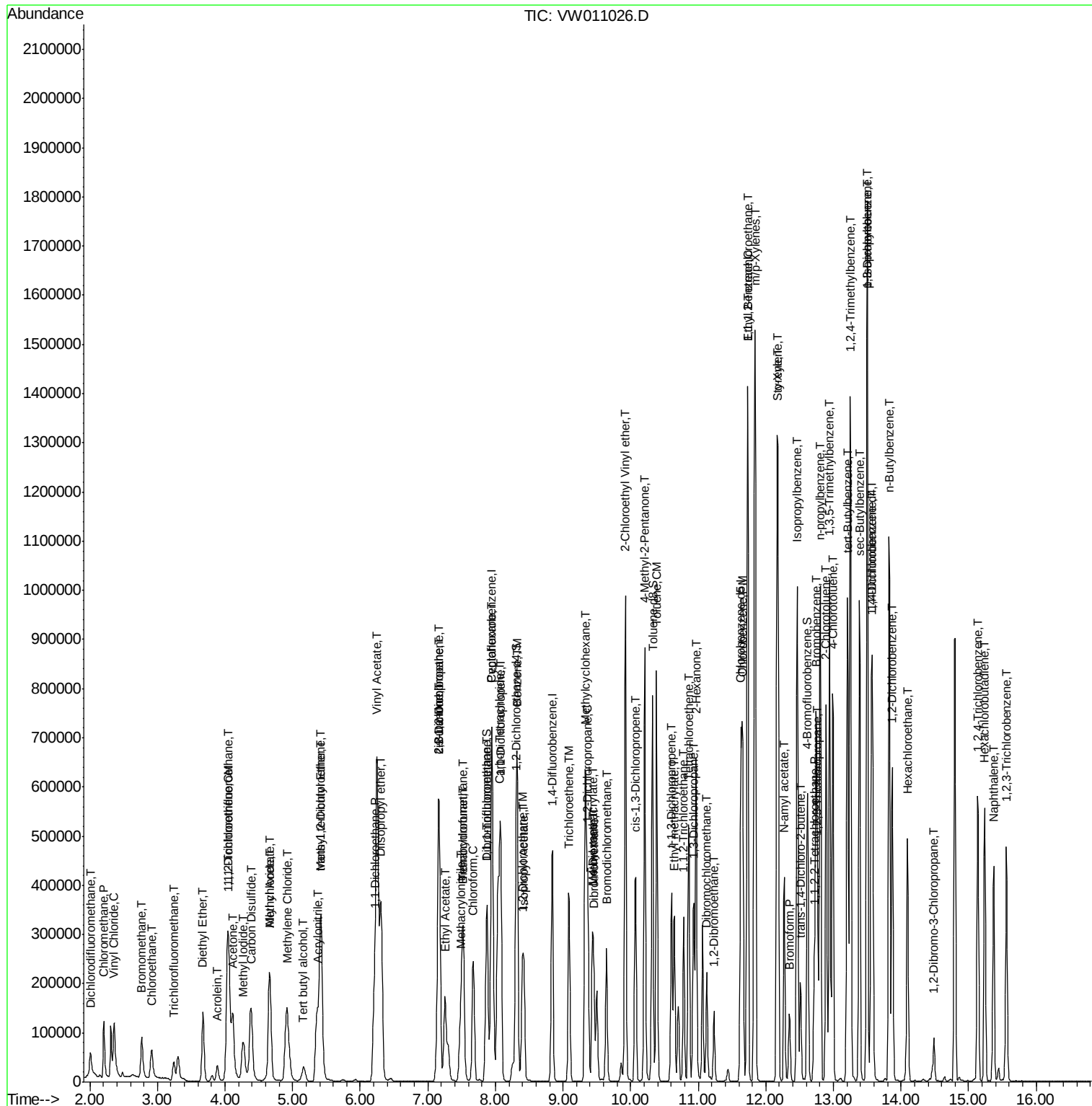
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW062819\
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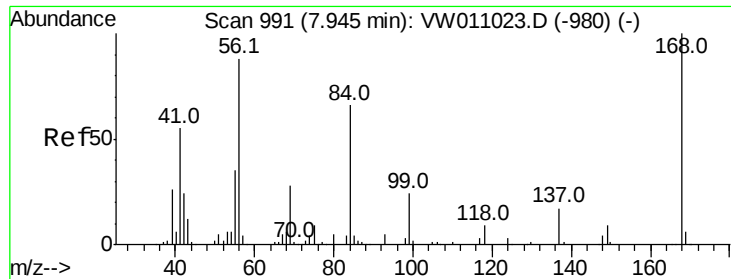
Instrument :
MSVOA_W
Client Sampled :
ICVW062819

Manual Integrations
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. 0.00 min

Lab File: VW011026.D

Acq: 27 Jun 2019 18:37

Instrument :

MSVOA_W

ClientSampled :

ICVW062819

Tot Ion:168 Resp: 223856

Ion Ratio Lower Upper

168 100

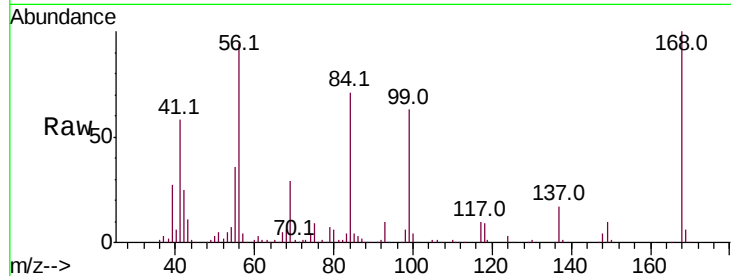
99 62.7 47.8 71.6

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

120000

100000

80000

60000

40000

20000

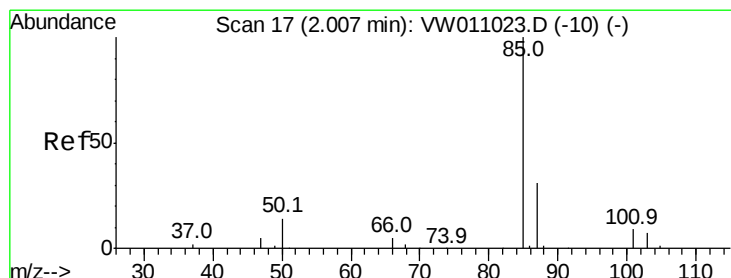
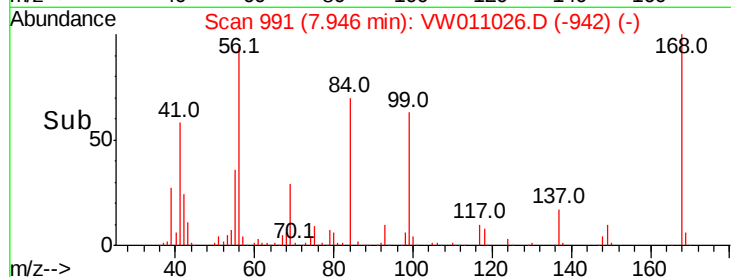
0

7.80

7.90

8.00

Time-->



#2

Dichlorodifluoromethane

Concen: 46.221 ug/l

RT: 2.01 min Scan# 17

Delta R.T. 0.00 min

Lab File: VW011026.D

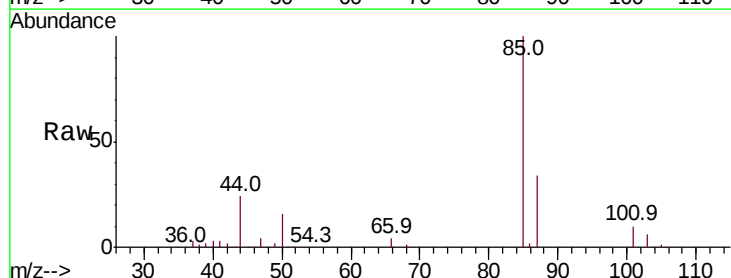
Acq: 27 Jun 2019 18:37

Tgt Ion: 85 Resp: 77999

Ion Ratio Lower Upper

85 100

87 33.8 15.7 47.0



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

30000

25000

20000

15000

10000

5000

0

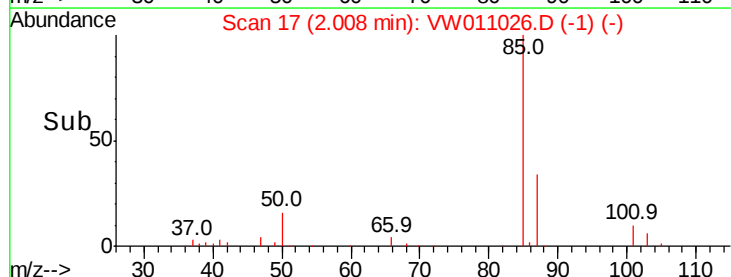
1.90

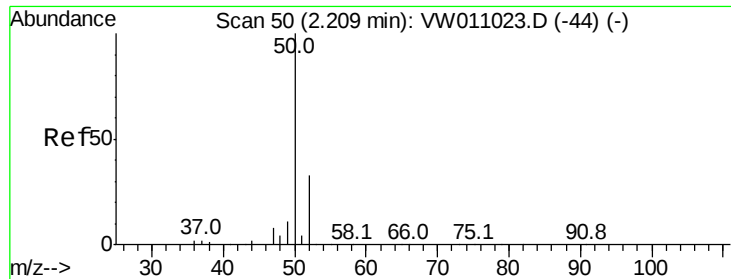
2.00

2.10

2.20

Time-->





#3

Chloromethane

Concen: 44.297 ug/l

RT: 2.21 min Scan# 50

Delta R.T. 0.00 min

Lab File: VW011026.D

Acq: 27 Jun 2019 18:37

Instrument :

MSVOA_W

ClientSampleId :

ICVW062819

Tot Ion: 50 Resp: 100212

Ion Ratio Lower Upper

50 100

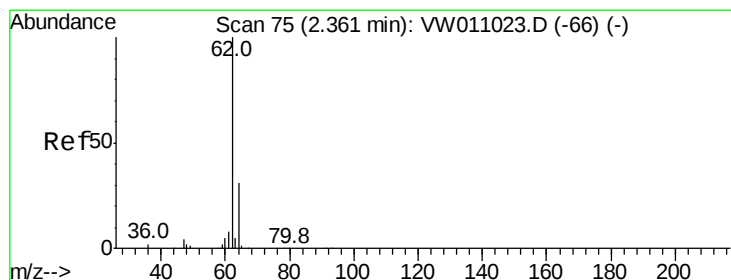
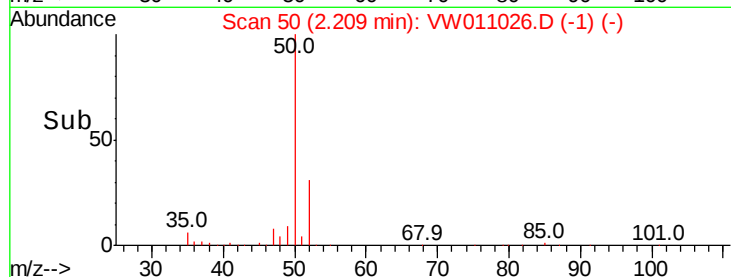
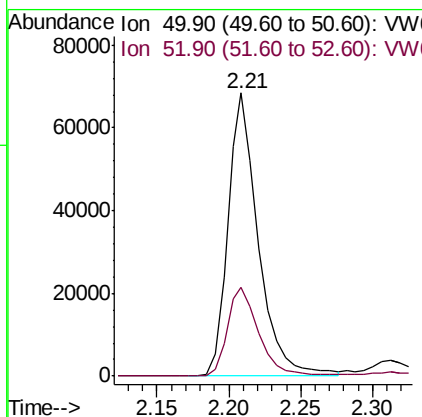
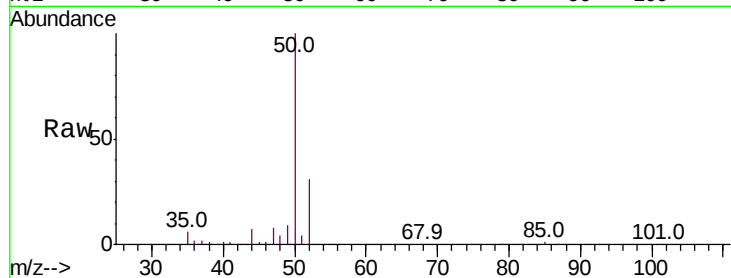
52 31.2 26.6 40.0

Manual Integrations

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6/28/2019 10:25:17 AM



#4

Vinyl Chloride

Concen: 45.239 ug/l

RT: 2.36 min Scan# 75

Delta R.T. 0.00 min

Lab File: VW011026.D

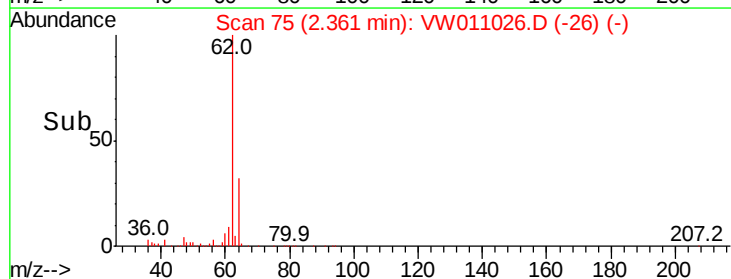
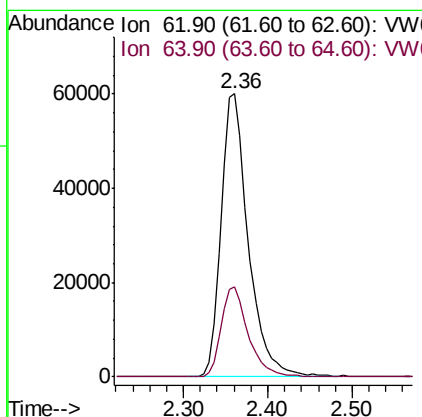
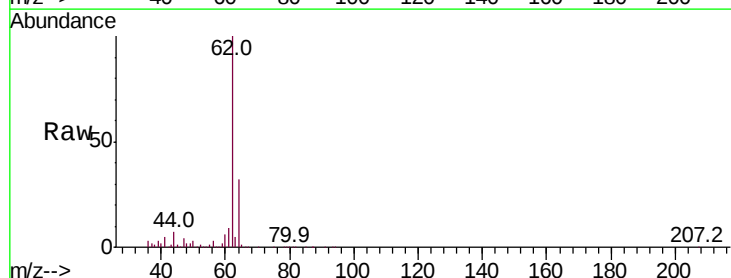
Acq: 27 Jun 2019 18:37

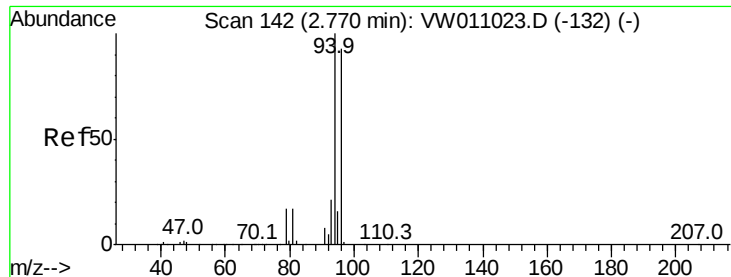
Tgt Ion: 62 Resp: 133253

Ion Ratio Lower Upper

62 100

64 31.7 24.8 37.2





#5

Bromomethane

Concen: 48.052 ug/l

RT: 2.77 min Scan# 142

Delta R.T. 0.00 min

Lab File: VW011026.D

Acq: 27 Jun 2019 18:37

Instrument :

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ClientSampleId :

ICVW062819

Tot Ion: 94 Resp: 70452

Ion Ratio Lower Upper

94 100

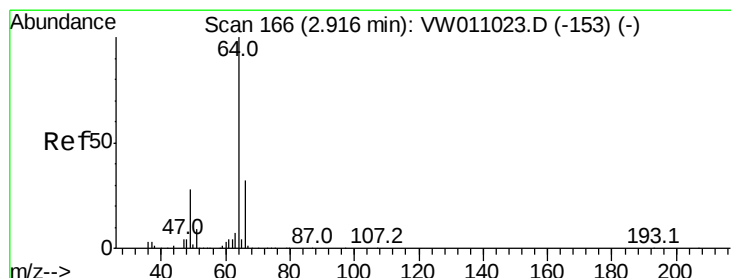
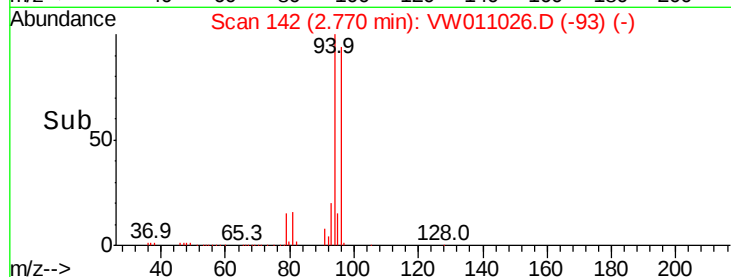
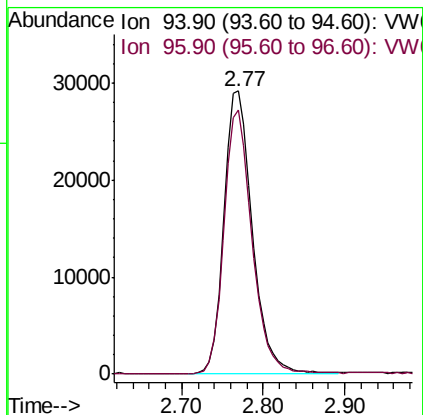
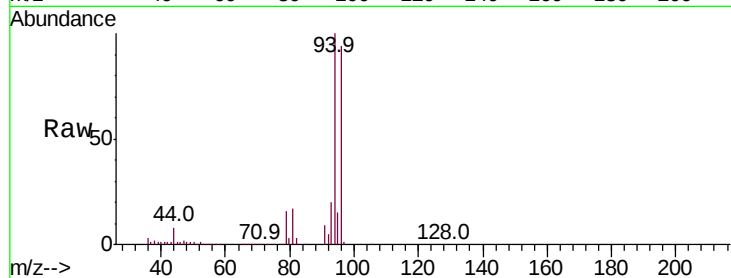
96 93.5 74.2 111.2

Manual Integrations

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6/28/2019 10:25:17 AM



#6

Chloroethane

Concen: 48.606 ug/l

RT: 2.92 min Scan# 166

Delta R.T. 0.00 min

Lab File: VW011026.D

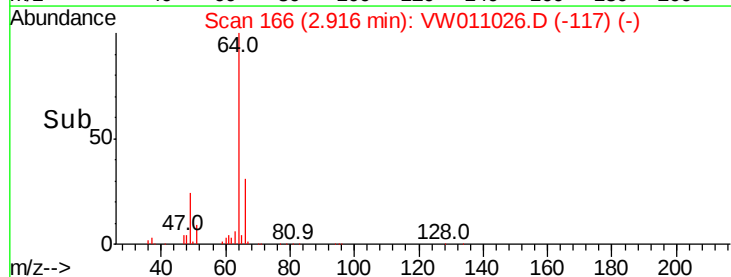
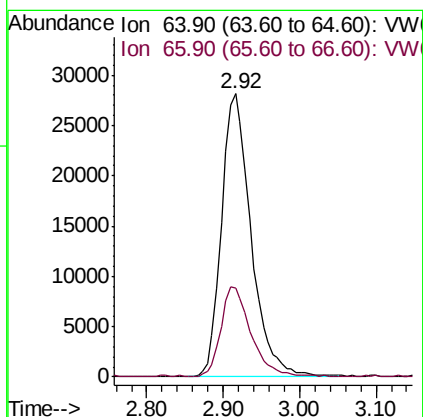
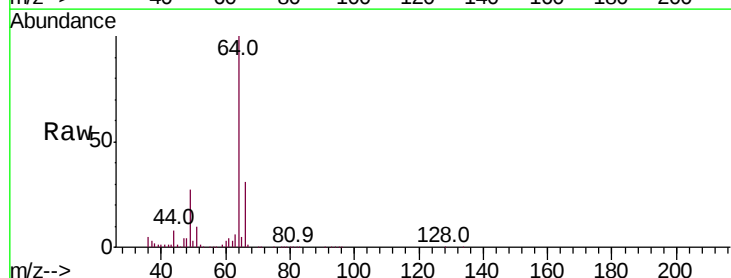
Acq: 27 Jun 2019 18:37

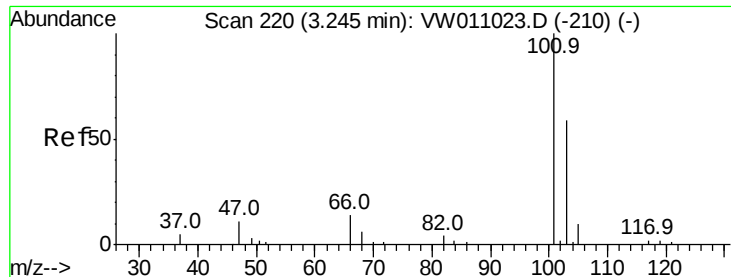
Tgt Ion: 64 Resp: 75483

Ion Ratio Lower Upper

64 100

66 31.0 25.7 38.5





#7

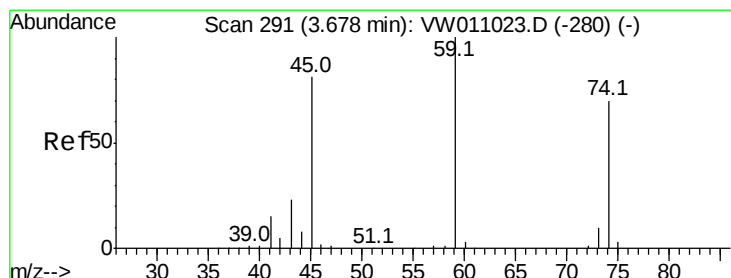
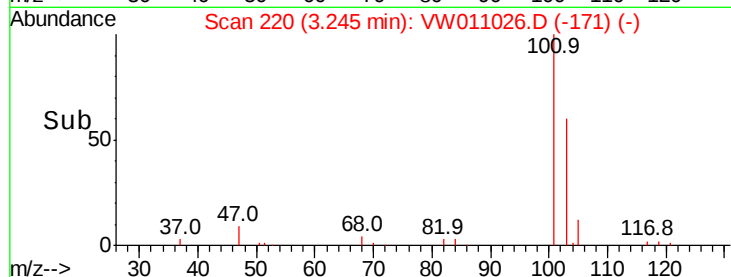
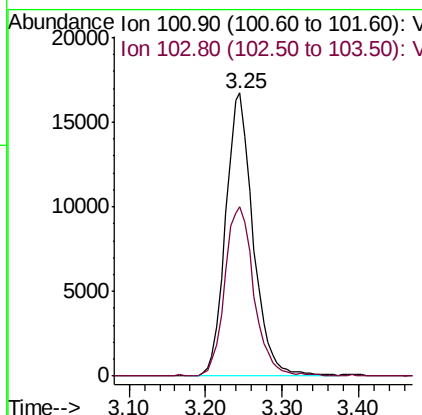
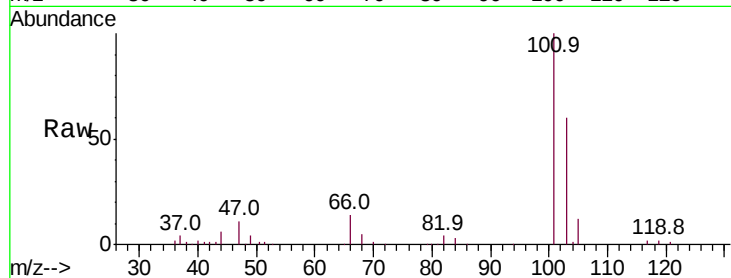
Trichlorofluoromethane
Concen: 47.974 ug/l
RT: 3.25 min Scan# 220
Delta R.T. 0.00 min
Lab File: VW011026.D
Acq: 27 Jun 2019 18:37

Instrument :
MSVOA_W
ClientSampleId :
ICVW062819

Tot Ion:101 Resp: 41526
Ion Ratio Lower Upper
101 100
103 59.9 47.5 71.3

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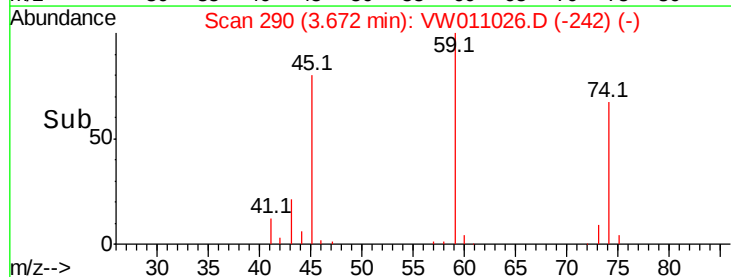
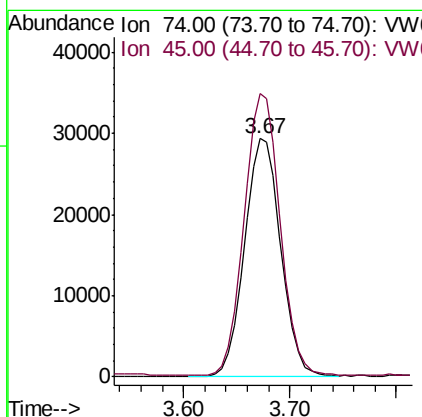
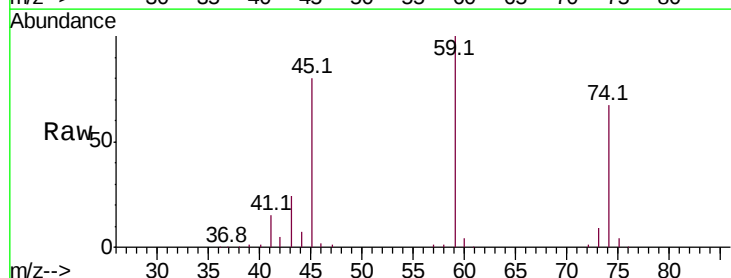
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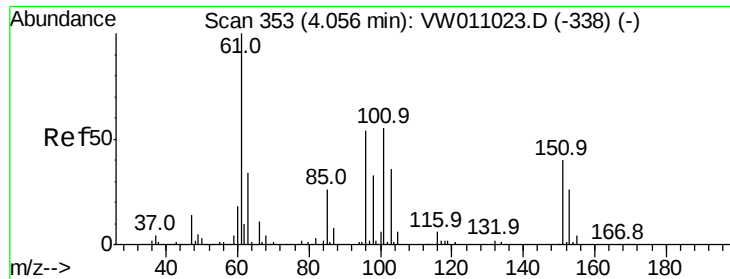


#8

Diethyl Ether
Concen: 51.167 ug/l
RT: 3.67 min Scan# 290
Delta R.T. -0.01 min
Lab File: VW011026.D
Acq: 27 Jun 2019 18:37

Tgt Ion: 74 Resp: 70142
Ion Ratio Lower Upper
74 100
45 117.0 59.5 178.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 48.239 ug/l

RT: 4.06 min Scan# 353

Delta R.T. 0.00 min

Lab File: VW011026.D

Acq: 27 Jun 2019 18:37

Instrument :

MSVOA_W

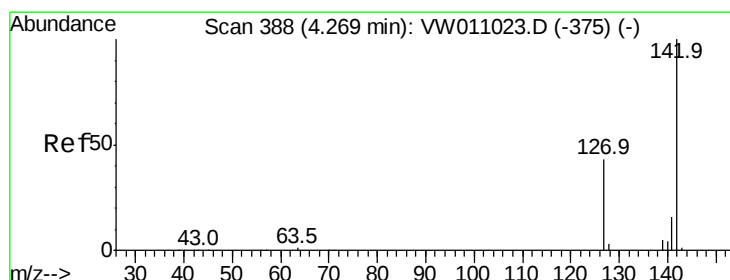
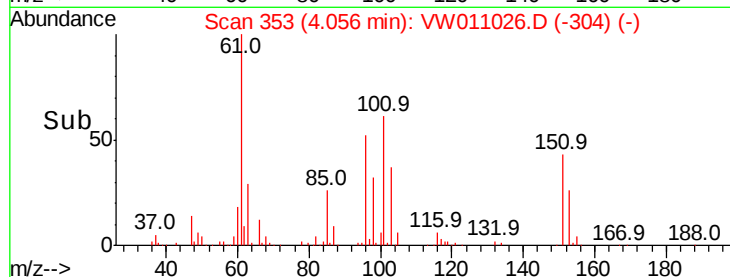
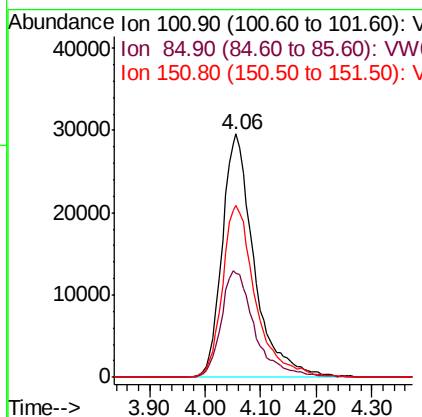
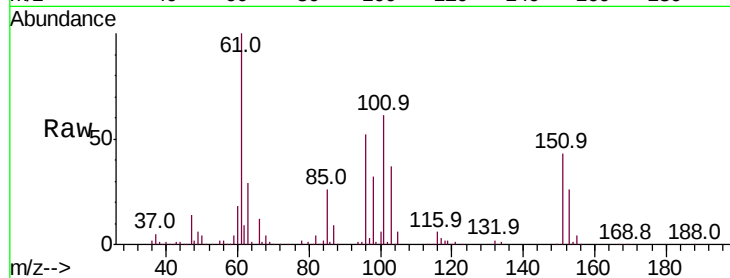
ClientSampleId :

ICVW062819

Tot Ion:	101	Resp:	117433
Ion Ratio	Lower	Upper	
101	100		
85	45.9	36.6	55.0
151	73.3	58.9	88.3

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#10

Methyl Iodide

Concen: 48.671 ug/l

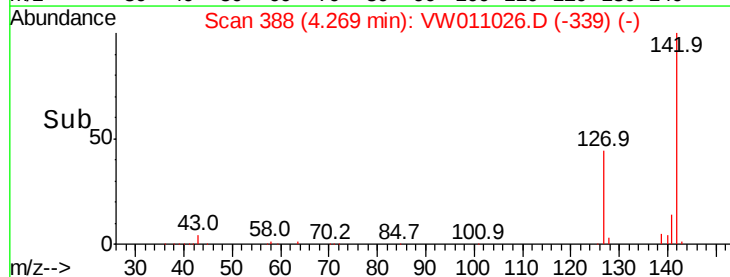
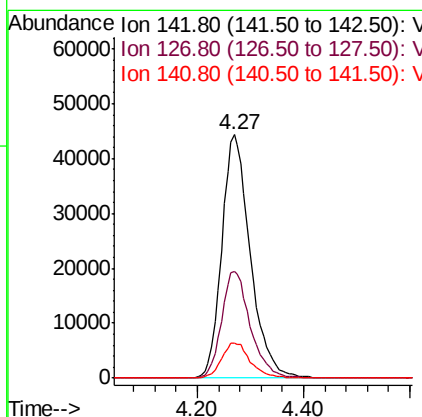
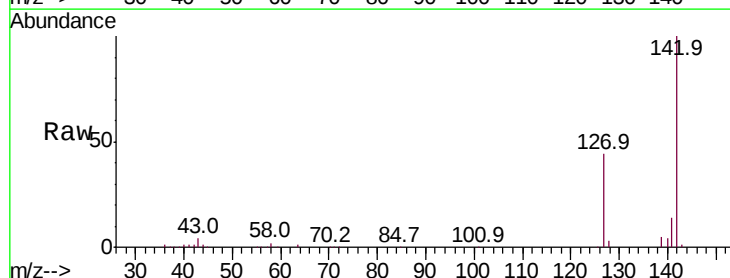
RT: 4.27 min Scan# 388

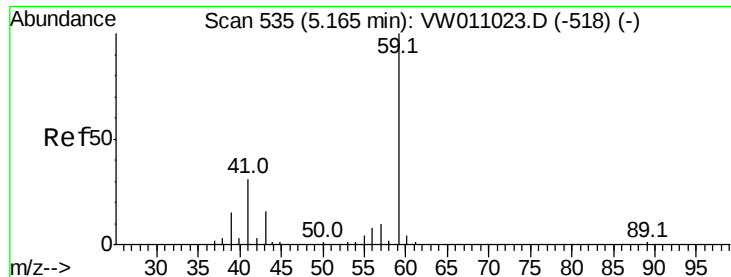
Delta R.T. 0.00 min

Lab File: VW011026.D

Acq: 27 Jun 2019 18:37

Tgt Ion:	142	Resp:	165773
Ion Ratio	Lower	Upper	
142	100		
127	44.4	35.8	53.8
141	14.6	12.2	18.2





#11

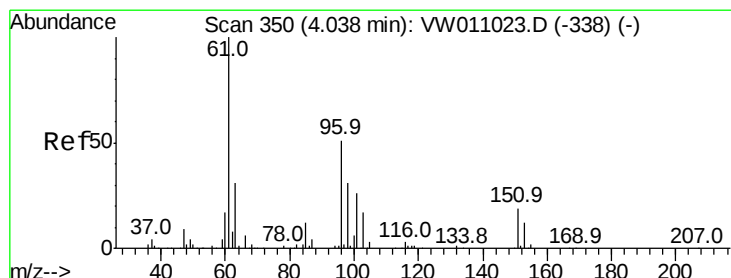
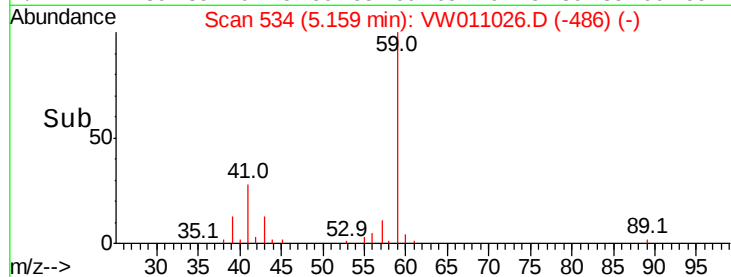
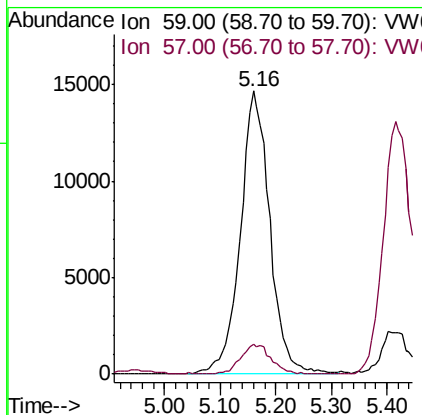
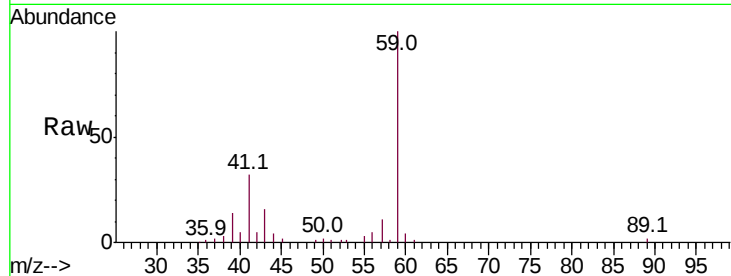
Tert butyl alcohol
Concen: 254.467 ug/l
RT: 5.16 min Scan# 534
Delta R.T. -0.01 min
Lab File: VW011026.D
Acq: 27 Jun 2019 18:37

Instrument :
MSVOA_W
ClientSampleId :
ICVW062819

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.8	9.0	13.4

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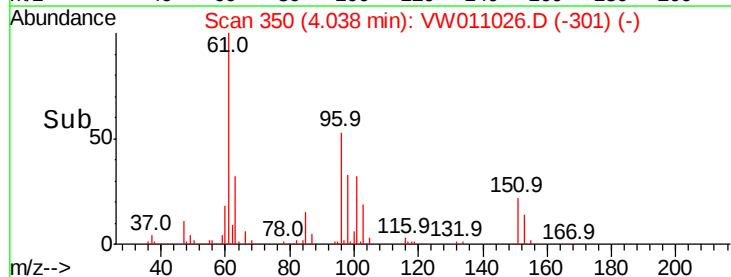
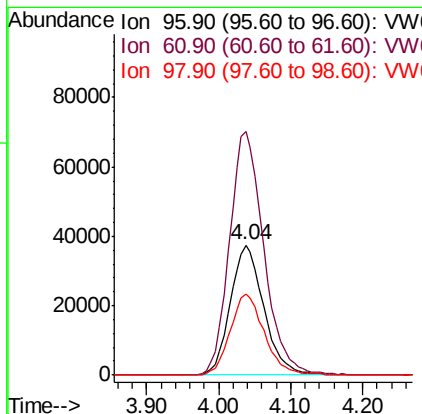
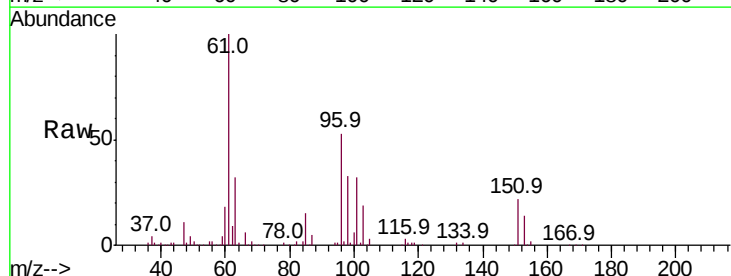
MMDadoda
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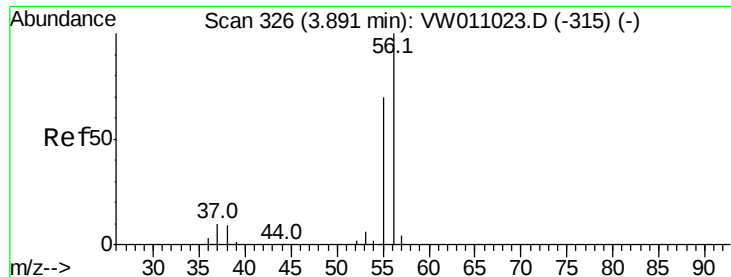


#12

1,1-Dichloroethene
Concen: 47.769 ug/l
RT: 4.04 min Scan# 350
Delta R.T. 0.00 min
Lab File: VW011026.D
Acq: 27 Jun 2019 18:37

Tgt Ion	Ratio	Lower	Upper
96	100		
61	187.2	156.0	234.0
98	61.9	48.7	73.1





#13

Acrolein

Concen: 243.733 ug/l

RT: 3.89 min Scan# 325

Delta R.T. -0.01 min

Lab File: VW011026.D

Acq: 27 Jun 2019 18:37

Instrument :

MSVOA_W

ClientSampleId :

ICVW062819

Tot Ion: 56 Resp: 40396

Ion Ratio Lower Upper

56 100

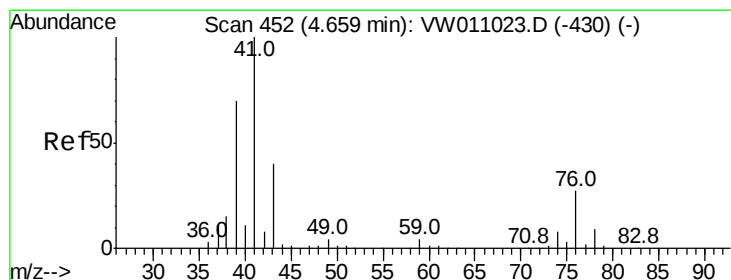
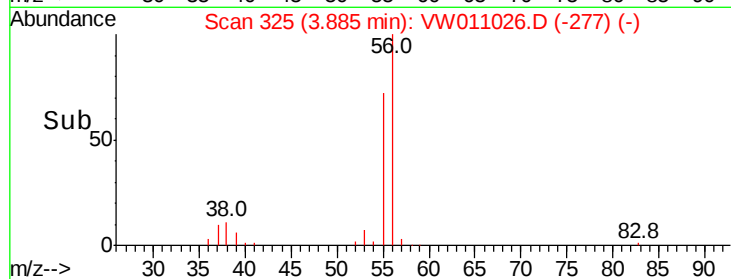
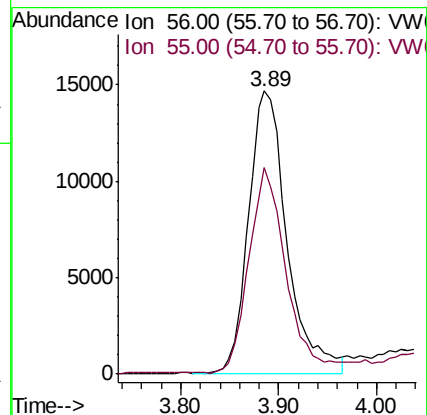
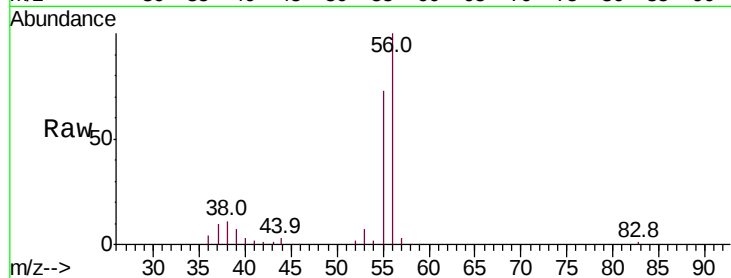
55 70.3 55.7 83.5

Manual Integrations

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#14

Allyl chloride

Concen: 50.071 ug/l

RT: 4.66 min Scan# 452

Delta R.T. 0.00 min

Lab File: VW011026.D

Acq: 27 Jun 2019 18:37

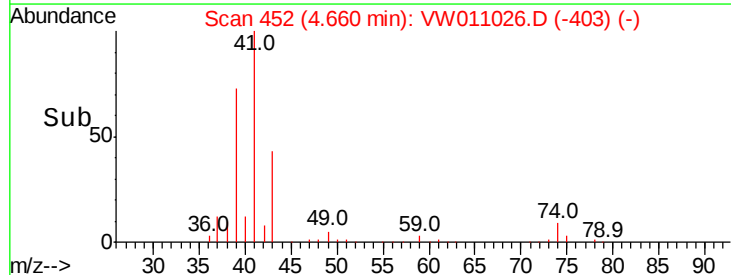
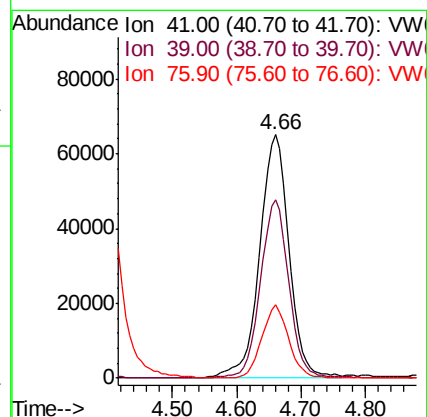
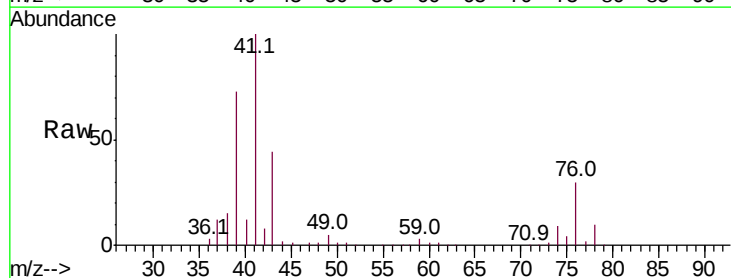
Tgt Ion: 41 Resp: 204211

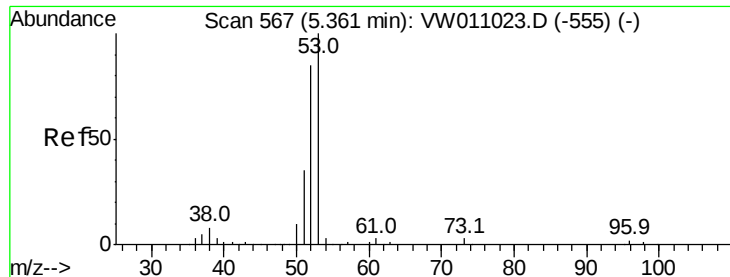
Ion Ratio Lower Upper

41 100

39 70.8 55.4 83.2

76 27.2 22.0 33.0





#15

Acrylonitrile

Concen: 258.149 ug/l

RT: 5.36 min Scan# 567

Delta R.T. 0.00 min

Lab File: VW011026.D

Acq: 27 Jun 2019 18:37

Instrument :

MSVOA_W

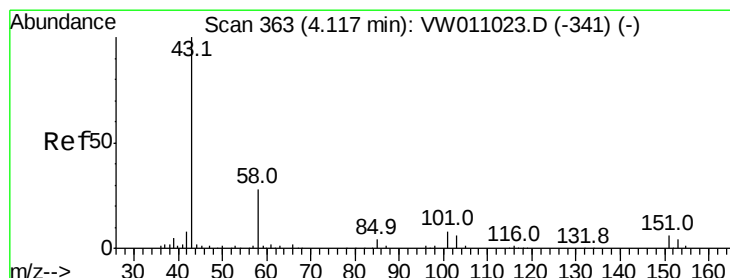
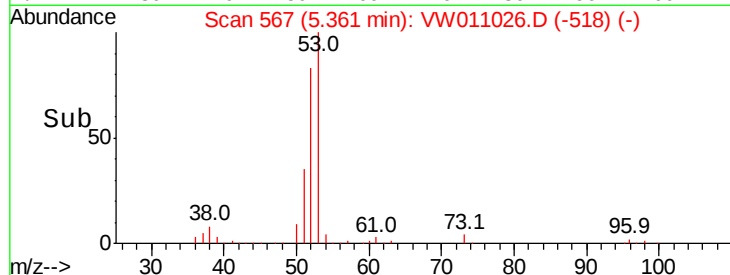
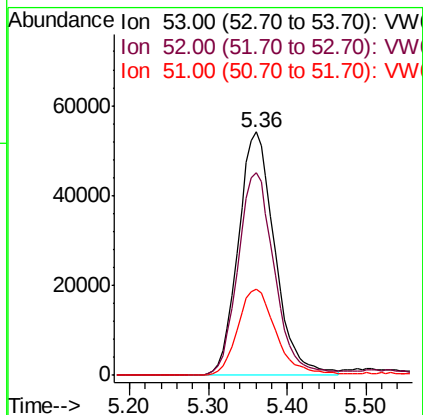
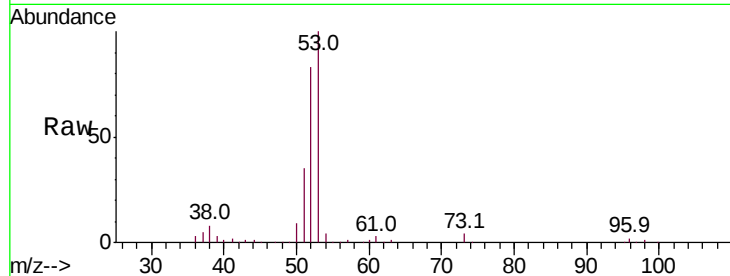
ClientSampleId :

ICVW062819

Tot Ion:	53	Resp:	174267
Ion Ratio	Lower	Upper	
53	100		
52	83.0	66.3	99.5
51	37.3	29.8	44.6

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#16

Acetone

Concen: 269.330 ug/l

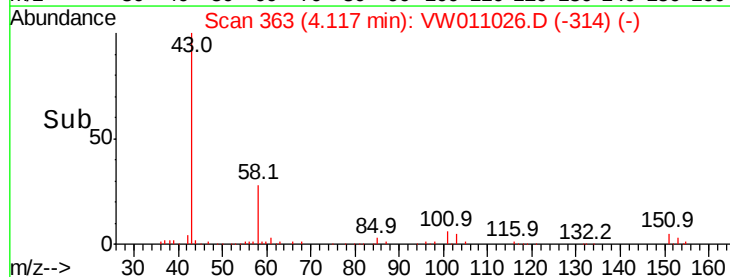
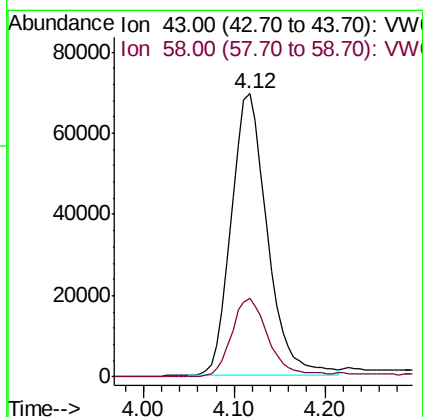
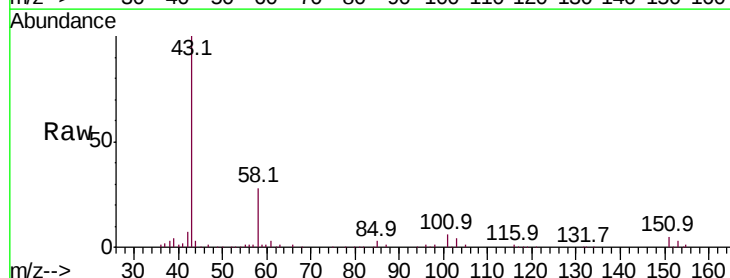
RT: 4.12 min Scan# 363

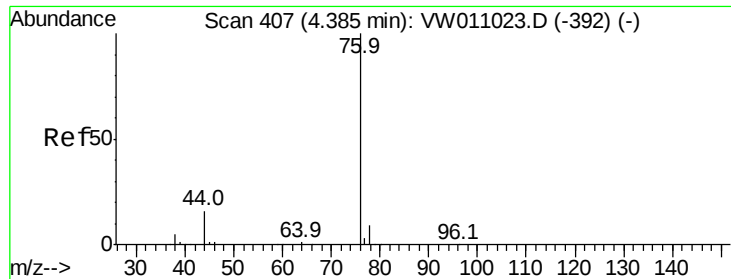
Delta R.T. 0.00 min

Lab File: VW011026.D

Acq: 27 Jun 2019 18:37

Tgt Ion:	43	Resp:	192387
Ion Ratio	Lower	Upper	
43	100		
58	27.6	22.5	33.7





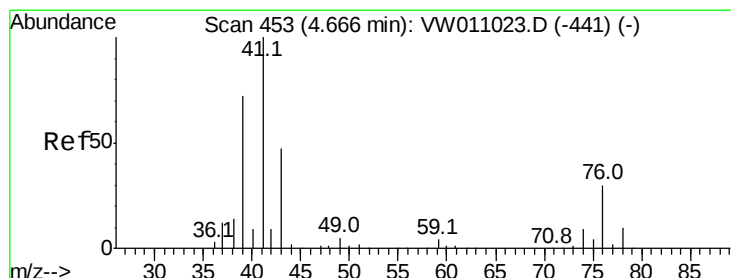
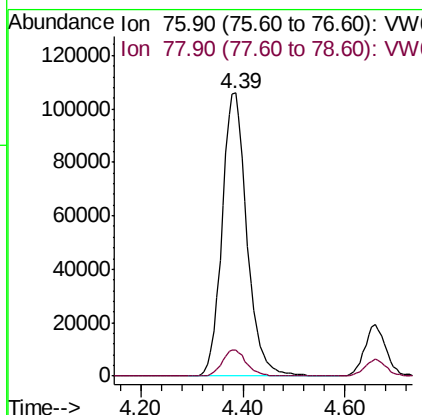
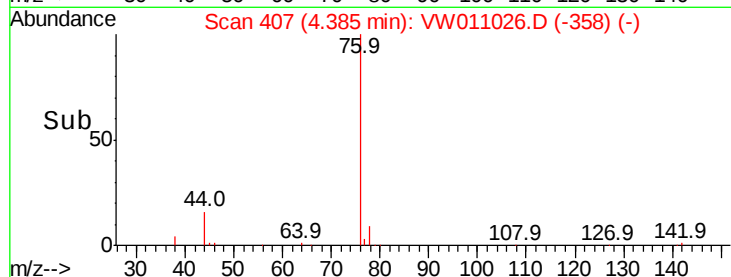
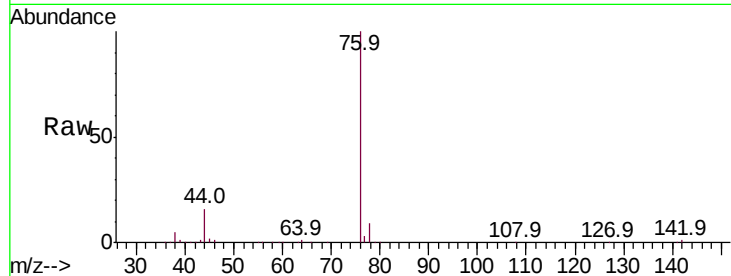
#17
Carbon Disulfide
Concen: 49.758 ug/l
RT: 4.39 min Scan# 407
Delta R.T. 0.00 min
Lab File: VW011026.D
Acq: 27 Jun 2019 18:37

Instrument :
MSVOA_W
ClientSampleId :
ICVW062819

Tot Ion: 76 Resp: 357705
Ion Ratio Lower Upper
76 100
78 9.1 7.2 10.8

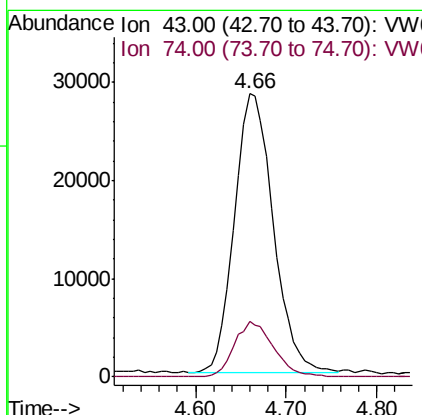
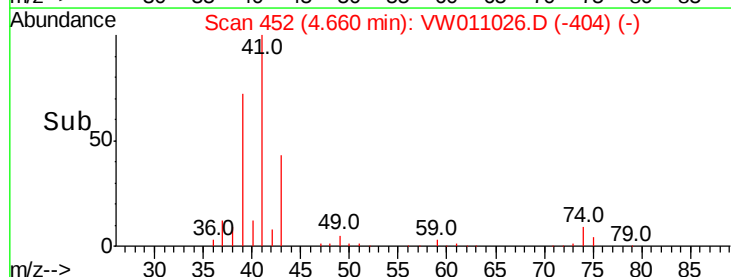
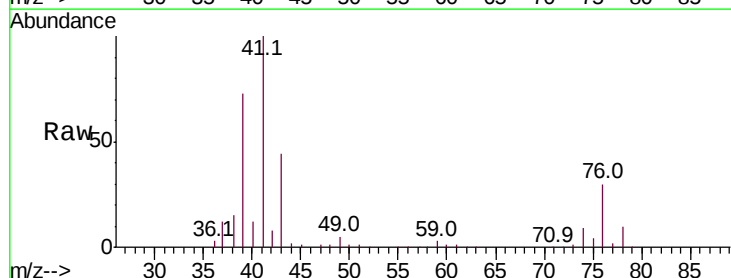
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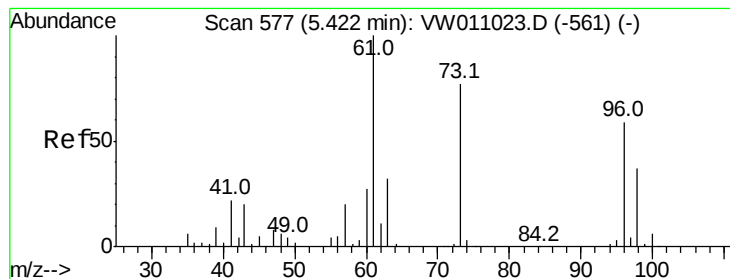
MMDadoda
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#18
Methyl Acetate
Concen: 45.891 ug/l
RT: 4.66 min Scan# 452
Delta R.T. -0.01 min
Lab File: VW011026.D
Acq: 27 Jun 2019 18:37

Tgt Ion: 43 Resp: 84914
Ion Ratio Lower Upper
43 100
74 19.8 15.8 23.8





#19

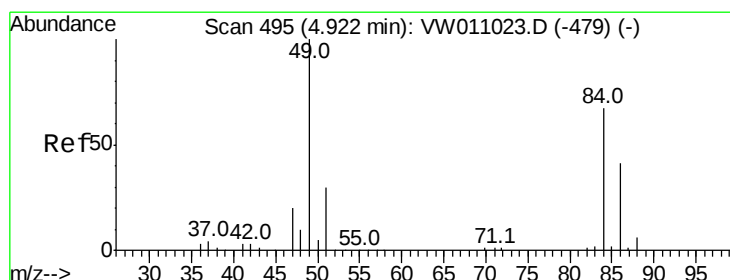
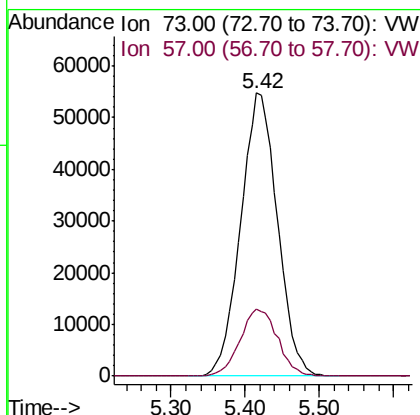
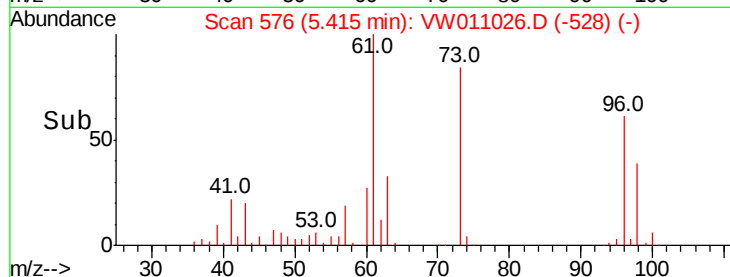
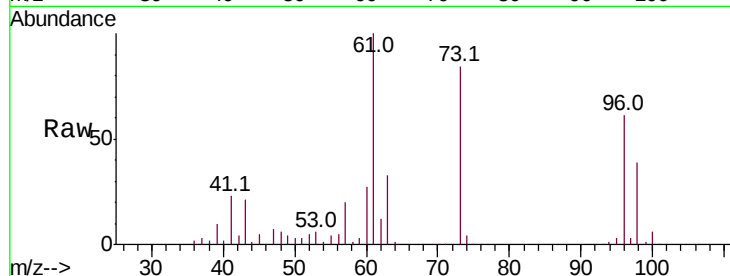
Methyl tert-butyl Ether
 Concen: 52.824 ug/l
 RT: 5.42 min Scan# 576
 Delta R.T. -0.01 min
 Lab File: VW011026.D
 Acq: 27 Jun 2019 18:37

Instrument :
 MSVOA_W
 ClientSampleId :
 ICVVW062819

Tot Ion	Ratio	Lower	Upper
73	100		
57	23.9	20.8	31.2

Manual Integrations
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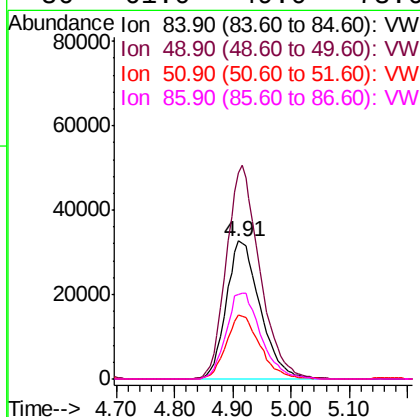
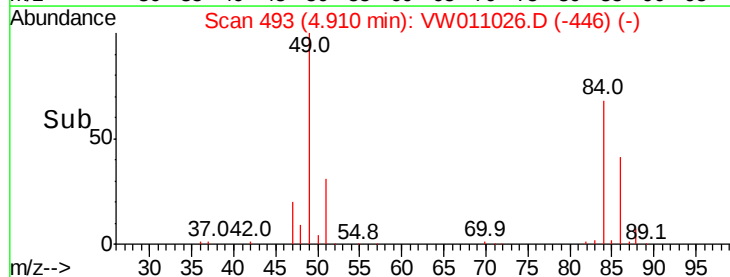
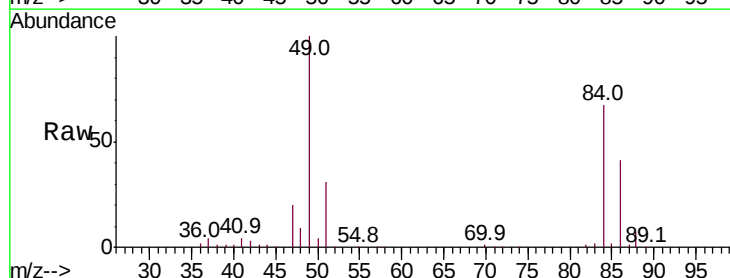
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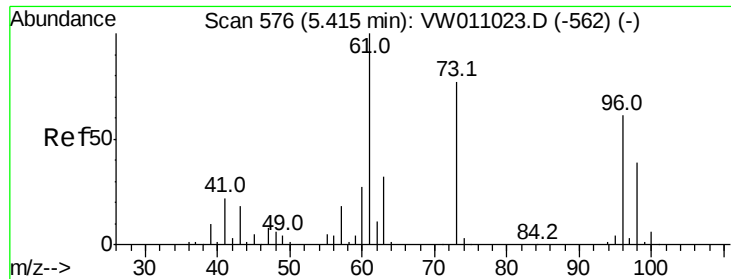


#20

Methylene Chloride
 Concen: 45.469 ug/l
 RT: 4.91 min Scan# 493
 Delta R.T. -0.01 min
 Lab File: VW011026.D
 Acq: 27 Jun 2019 18:37

Tgt Ion	Ratio	Lower	Upper
84	100		
49	148.9	119.6	179.4
51	46.1	35.6	53.4
86	61.0	49.0	73.6





#21

trans-1,2-Dichloroethene

Concen: 49.046 ug/l

RT: 5.42 min Scan# 576

Delta R.T. 0.00 min

Lab File: VW011026.D

Acq: 27 Jun 2019 18:37

Instrument :

MSVOA_W

ClientSampleId :

ICVW062819

Tot Ion: 96 Resp: 128065

Ion Ratio Lower Upper

96 100

61 164.1 131.0 196.4

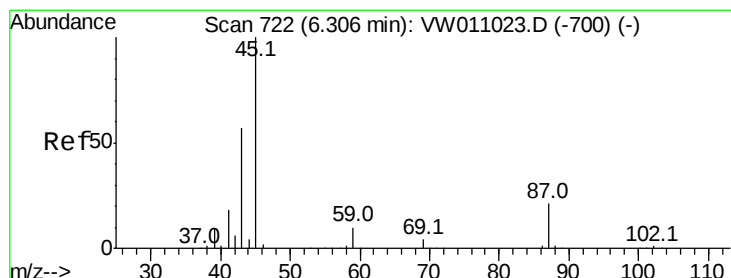
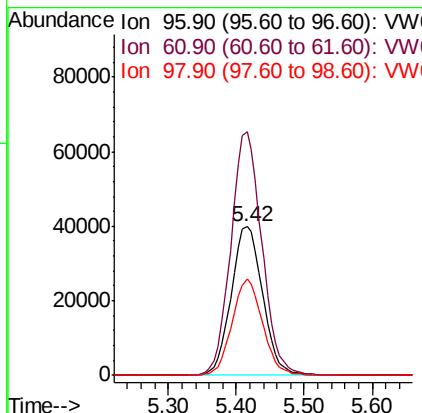
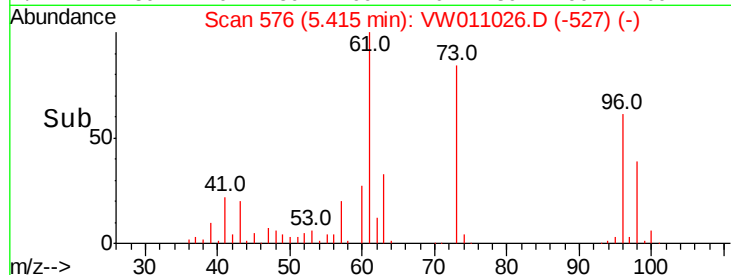
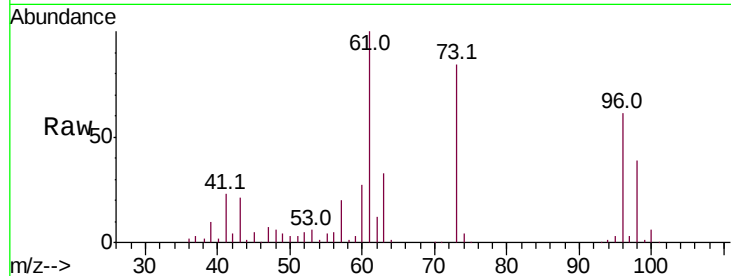
98 64.7 50.8 76.2

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#22

Diisopropyl ether

Concen: 50.758 ug/l

RT: 6.31 min Scan# 722

Delta R.T. 0.00 min

Lab File: VW011026.D

Acq: 27 Jun 2019 18:37

Tgt Ion: 45 Resp: 498155

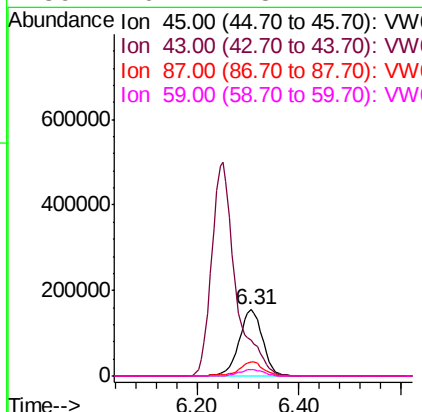
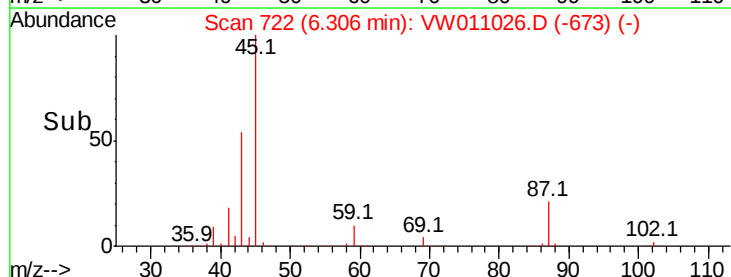
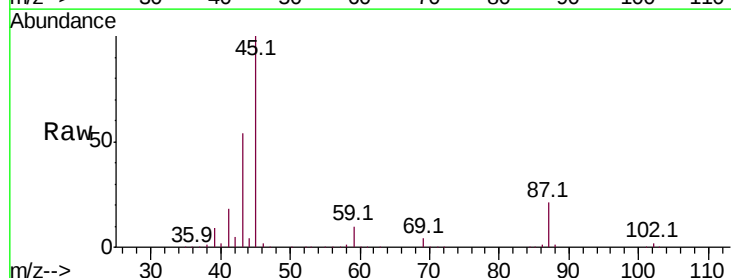
Ion Ratio Lower Upper

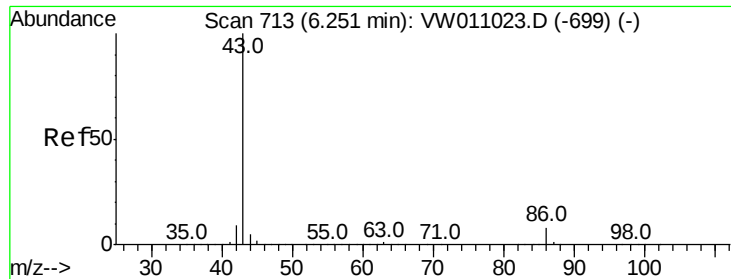
45 100

43 54.1 45.8 68.6

87 21.3 17.1 25.7

59 10.2 8.2 12.4





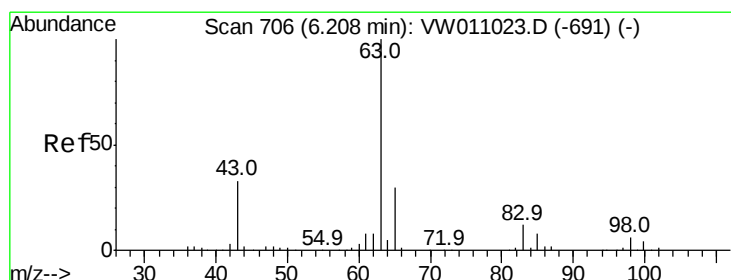
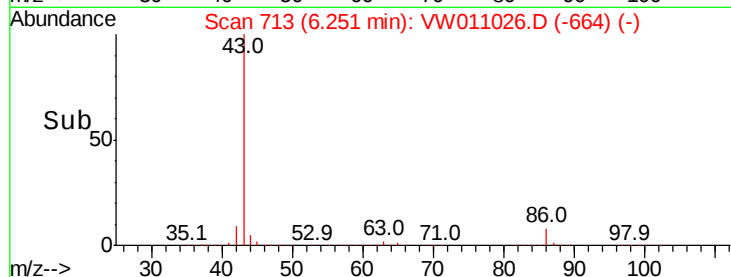
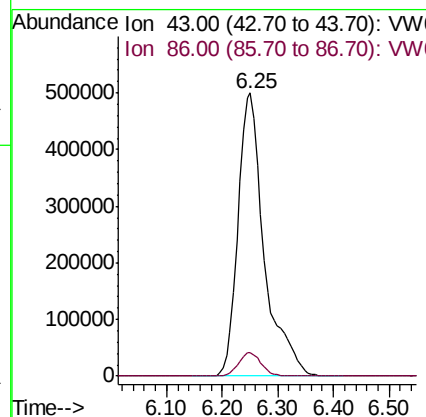
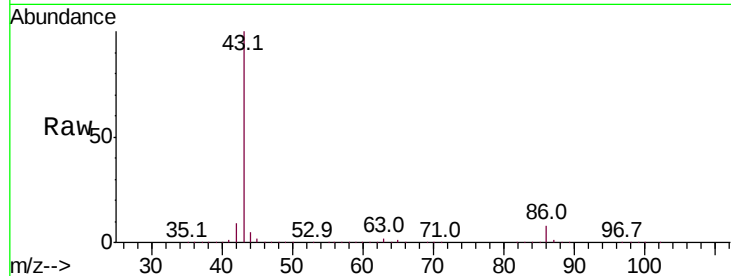
#23
 Vinyl Acetate
 Concen: 269.808 ug/l
 RT: 6.25 min Scan# 713
 Delta R.T. 0.00 min
 Lab File: VW011026.D
 Acq: 27 Jun 2019 18:37

Instrument :
 MSVOA_W
 ClientSampleId :
 ICVVW062819

Tot Ion: 43 Resp: 1631586
 Ion Ratio Lower Upper
 43 100
 86 8.4 6.6 10.0

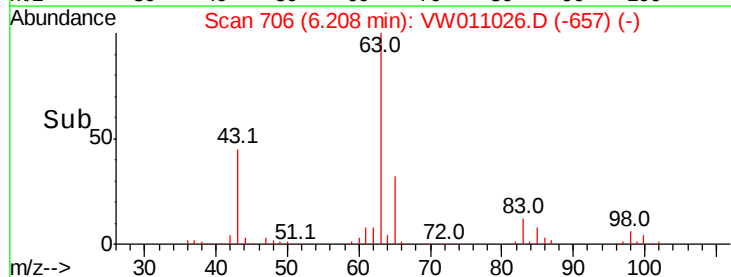
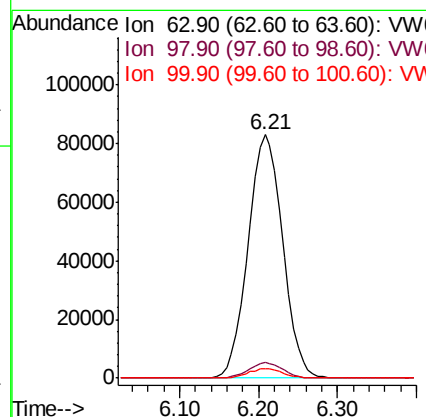
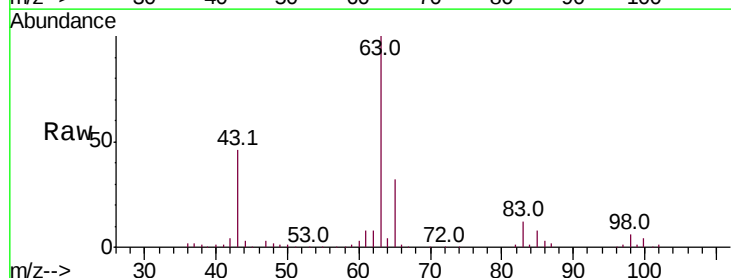
Manual Integrations
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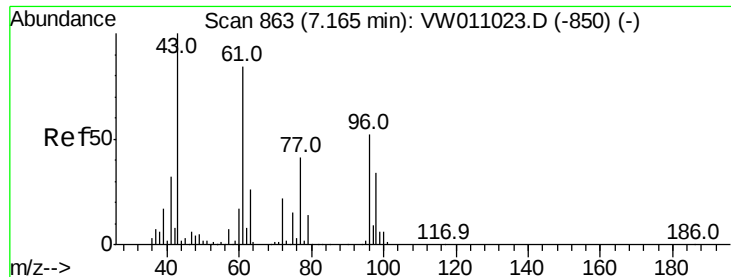
MMDadoda
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#24
 1,1-Dichloroethane
 Concen: 48.887 ug/l
 RT: 6.21 min Scan# 706
 Delta R.T. 0.00 min
 Lab File: VW011026.D
 Acq: 27 Jun 2019 18:37

Tgt Ion: 63 Resp: 253261
 Ion Ratio Lower Upper
 63 100
 98 6.4 3.1 9.4
 100 4.1 2.1 6.2





#25

2-Butanone

Concen: 265.072 ug/l

RT: 7.17 min Scan# 863

Delta R.T. 0.00 min

Lab File: VW011026.D

Acq: 27 Jun 2019 18:37

Instrument :

MSVOA_W

ClientSampleId :

ICVW062819

Tot Ion: 43 Resp: 287812

Ion Ratio Lower Upper

43 100

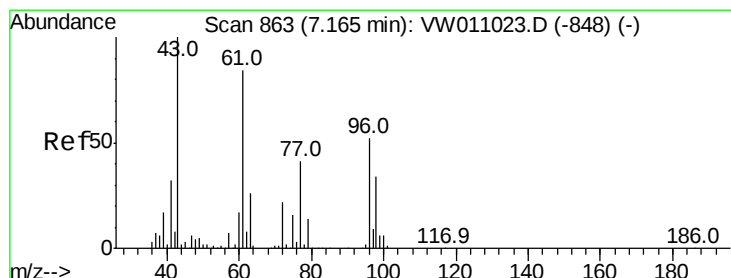
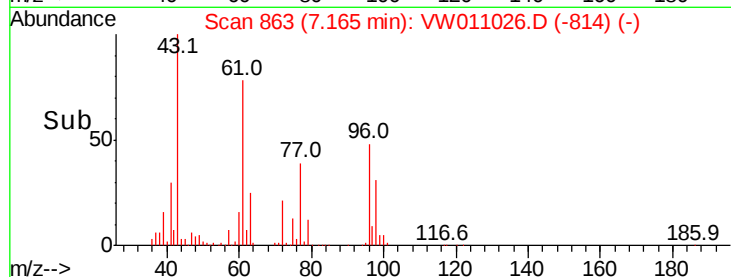
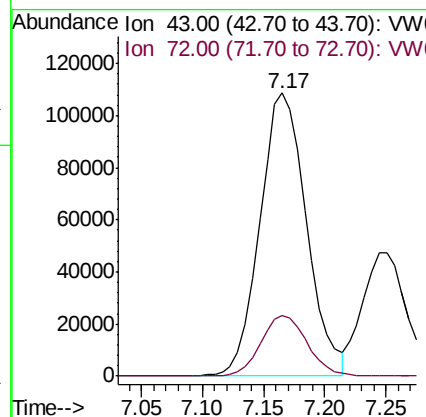
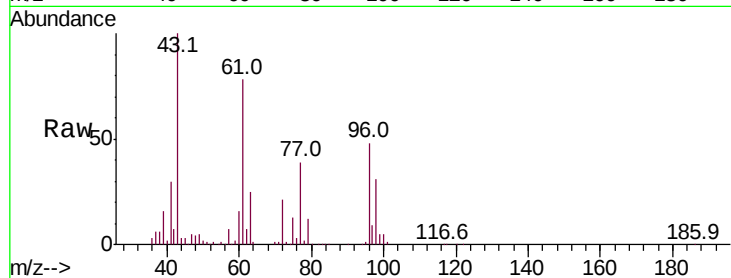
72 21.3 17.2 25.8

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 46.408 ug/l

RT: 7.17 min Scan# 863

Delta R.T. 0.00 min

Lab File: VW011026.D

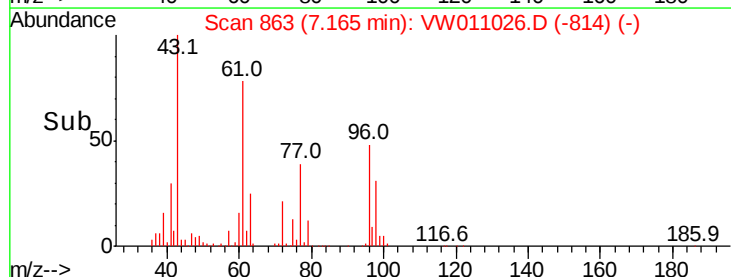
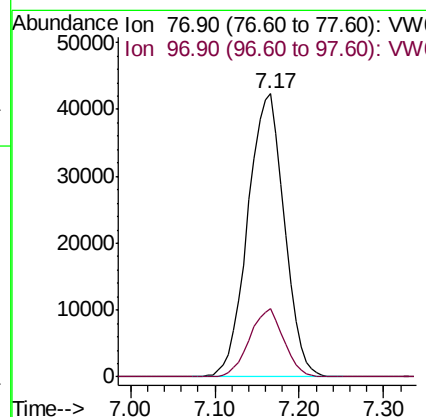
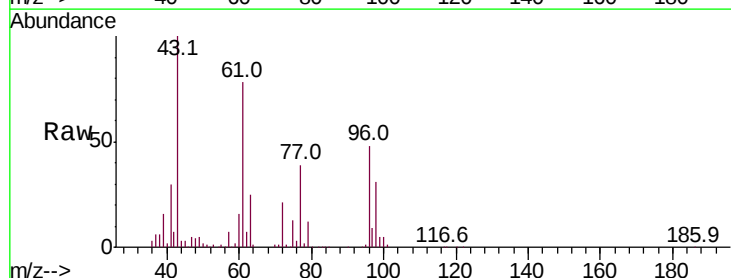
Acq: 27 Jun 2019 18:37

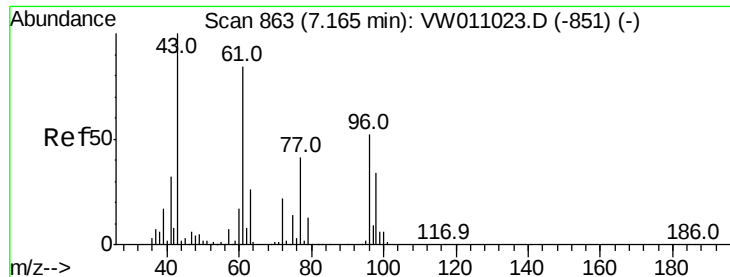
Tgt Ion: 77 Resp: 124826

Ion Ratio Lower Upper

77 100

97 22.6 10.9 32.7





#27

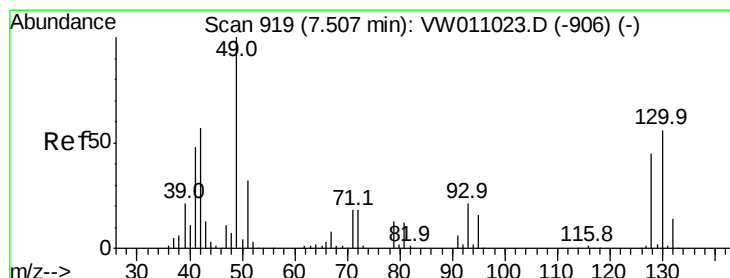
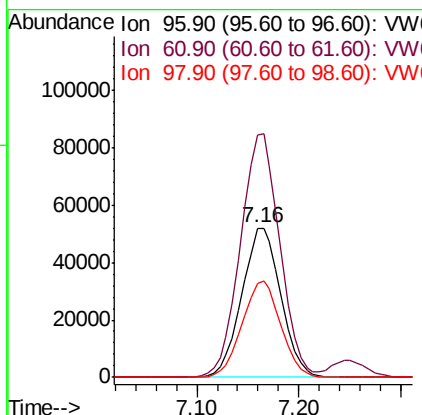
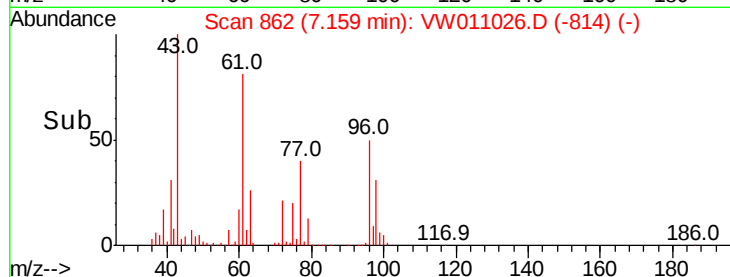
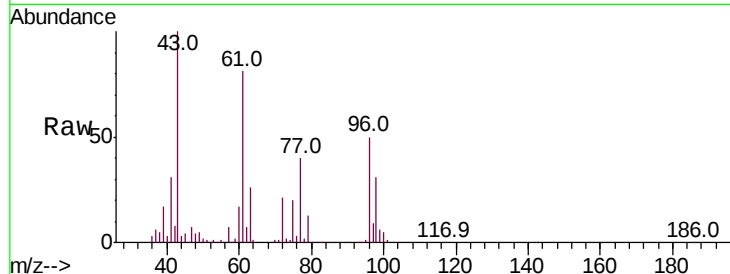
cis-1,2-Dichloroethene
Concen: 49.220 ug/l
RT: 7.16 min Scan# 862
Delta R.T. -0.01 min
Lab File: VW011026.D
Acq: 27 Jun 2019 18:37

Instrument :
MSVOA_W
ClientSampleId :
ICVW062819

Tot Ion	Ratio	Resp	Lower	Upper
96	100			
61	164.2	0.0	330.4	
98	63.9	0.0	129.4	

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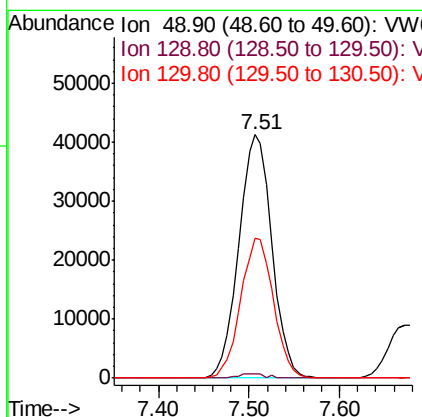
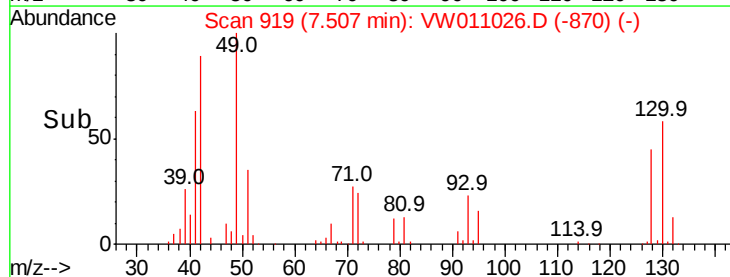
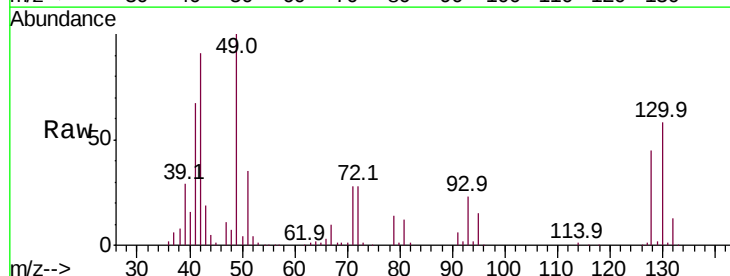
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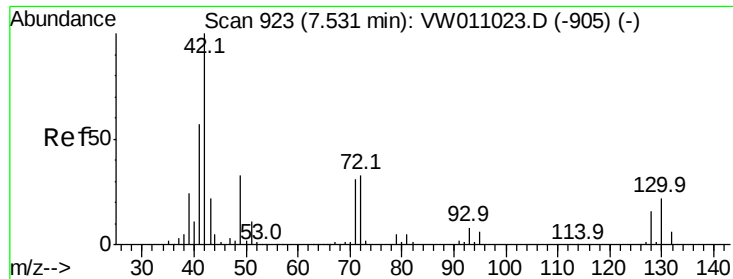


#28

Bromochloromethane
Concen: 43.103 ug/l
RT: 7.51 min Scan# 919
Delta R.T. 0.00 min
Lab File: VW011026.D
Acq: 27 Jun 2019 18:37

Tgt Ion	Ratio	Resp	Lower	Upper
49	100			
129	1.4	0.0	3.4	
130	57.2	46.1	69.1	





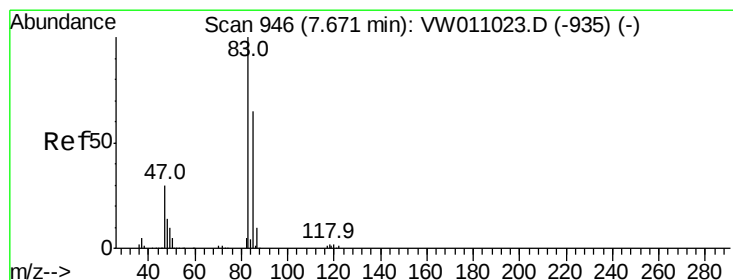
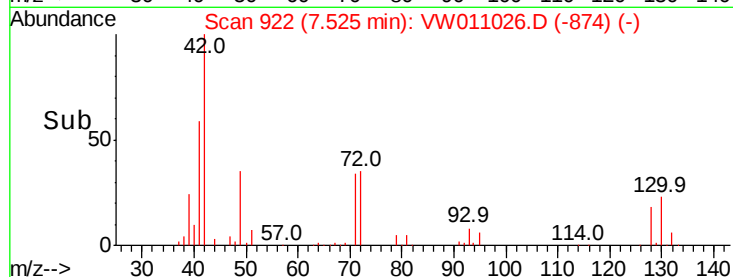
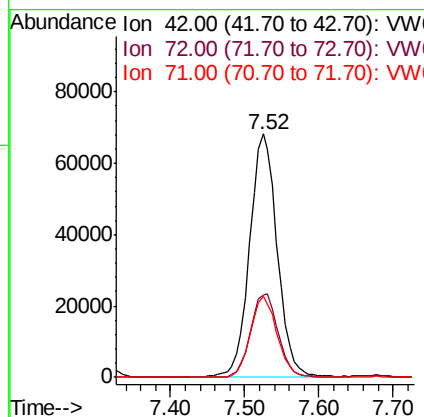
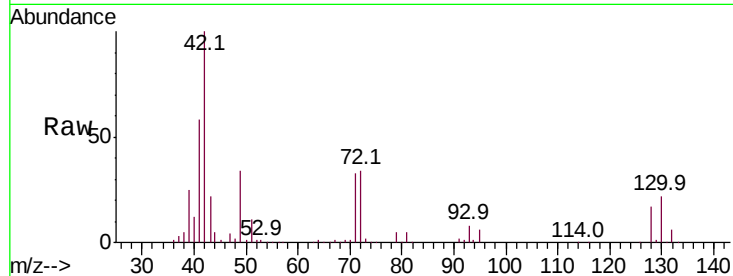
#29
Tetrahydrofuran
Concen: 263.625 ug/l
RT: 7.52 min Scan# 922
Delta R.T. -0.01 min
Lab File: VW011026.D
Acq: 27 Jun 2019 18:37

Instrument :
MSVOA_W
ClientSampleId :
ICVW062819

Tot Ion	Ratio	Resp	Lower	Upper
42	100	178187		
72	34.4		27.4	41.0
71	32.1		25.6	38.4

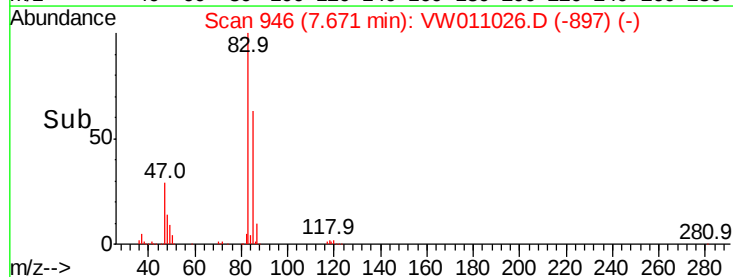
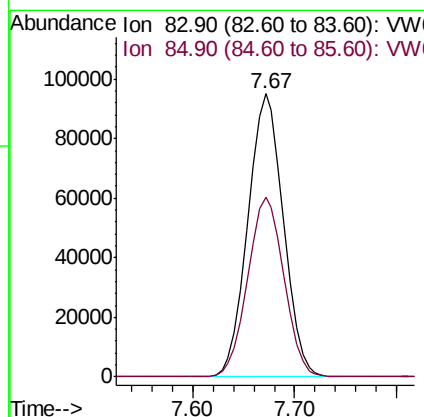
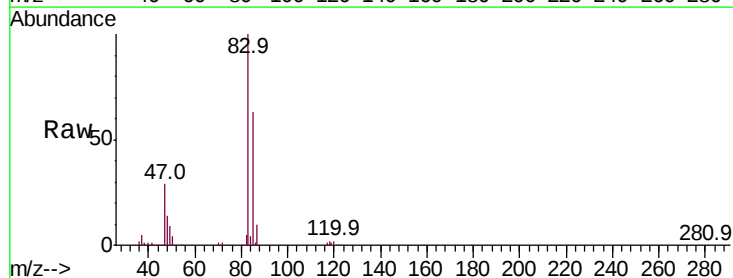
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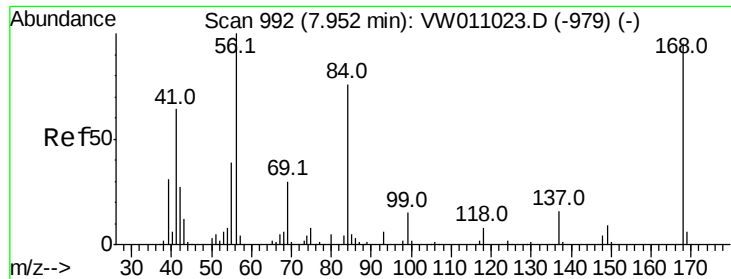
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#30
Chloroform
Concen: 48.911 ug/l
RT: 7.67 min Scan# 946
Delta R.T. 0.00 min
Lab File: VW011026.D
Acq: 27 Jun 2019 18:37

Tgt Ion	Ratio	Resp	Lower	Upper
83	100	230197		
85	63.4		52.2	78.4





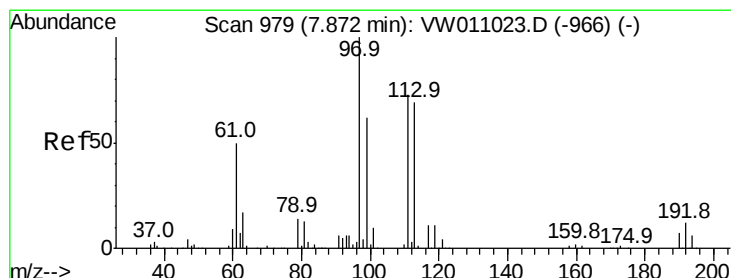
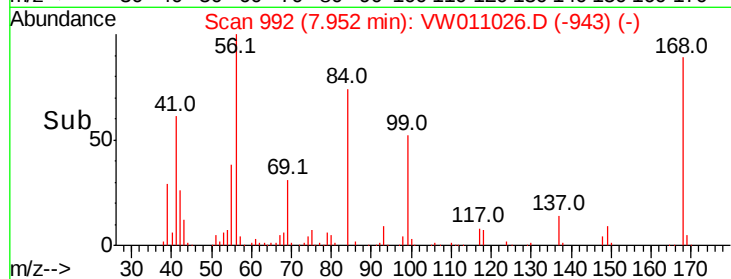
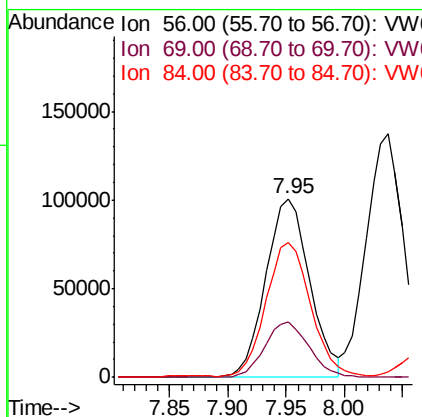
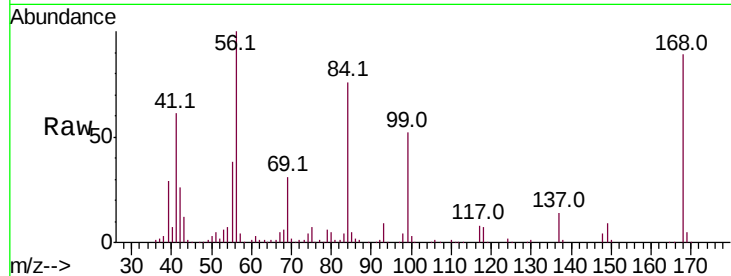
#31
Cyclohexane
Concen: 47.018 ug/l
RT: 7.95 min Scan# 992
Delta R.T. 0.00 min
Lab File: VW011026.D
Acq: 27 Jun 2019 18:37

Instrument :
MSVOA_W
ClientSampleId :
ICVW062819

Tot Ion	Ratio	Lower	Upper
56	100		
69	30.9	24.2	36.2
84	74.5	60.6	90.8

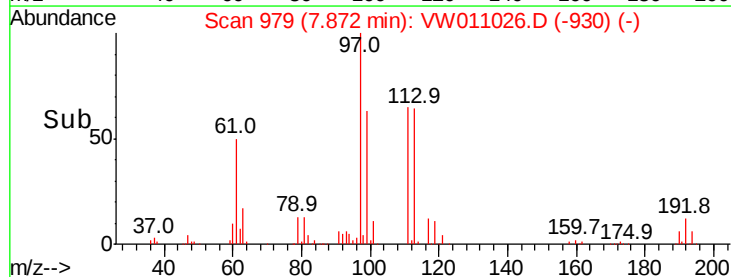
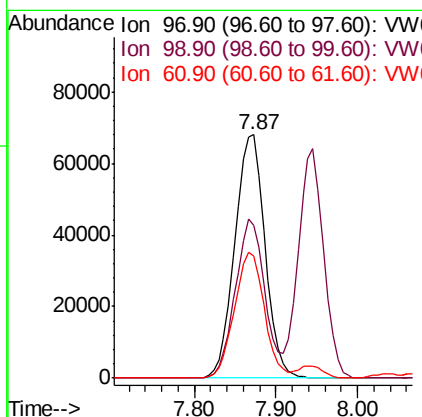
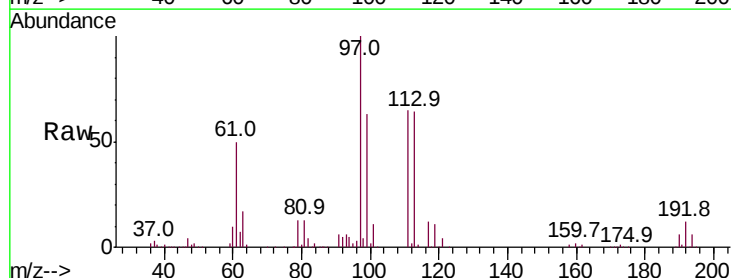
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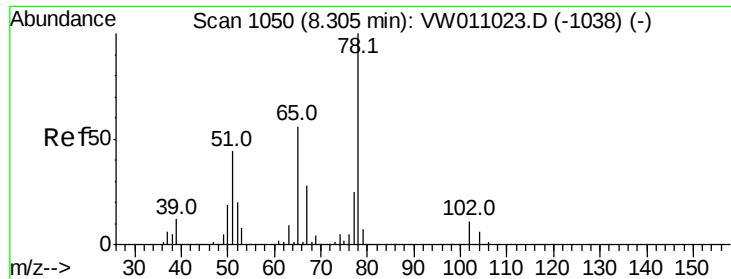
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#32
1,1,1-Trichloroethane
Concen: 49.537 ug/l
RT: 7.87 min Scan# 979
Delta R.T. 0.00 min
Lab File: VW011026.D
Acq: 27 Jun 2019 18:37

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.5	51.1	76.7
61	50.9	41.4	62.2





#33

1,2-Dichloroethane-d4

Concen: 51.688 ug/l

RT: 8.30 min Scan# 1049

Delta R.T. -0.01 min

Lab File: VW011026.D

Acq: 27 Jun 2019 18:37

Instrument :

MSVOA_W

ClientSampleId :

ICVW062819

Tot Ion: 65 Resp: 151260

Ion Ratio Lower Upper

65 100

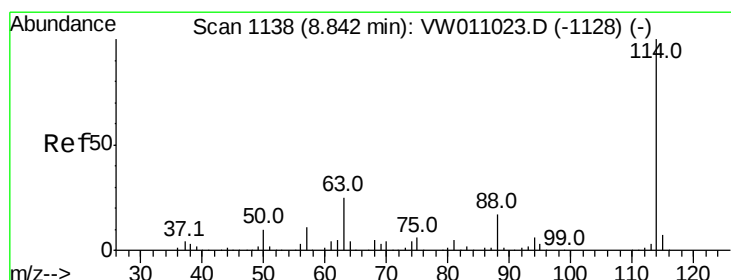
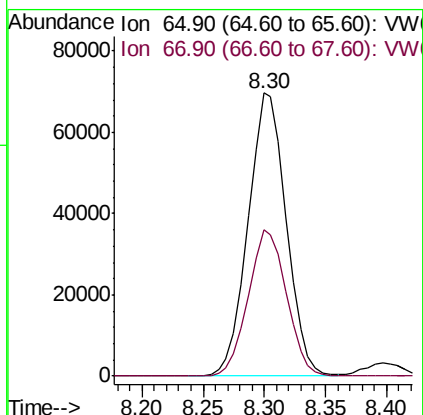
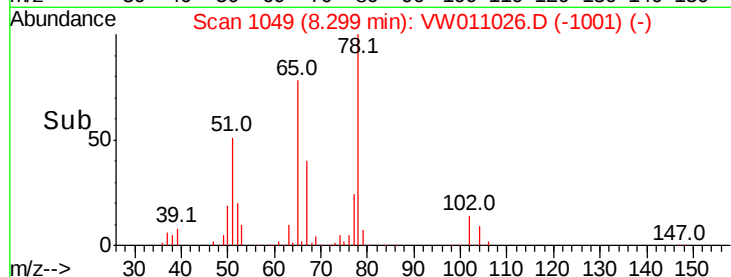
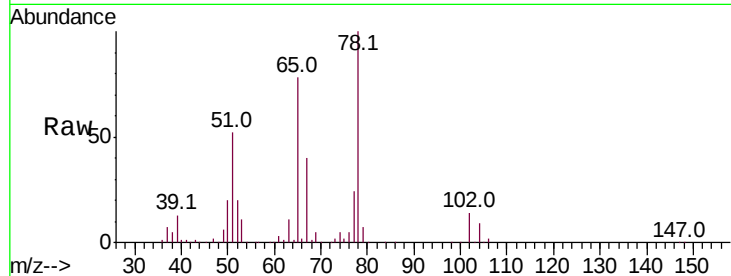
67 52.0 0.0 102.4

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6/28/2019 10:25:17 AM



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.84 min Scan# 1138

Delta R.T. 0.00 min

Lab File: VW011026.D

Acq: 27 Jun 2019 18:37

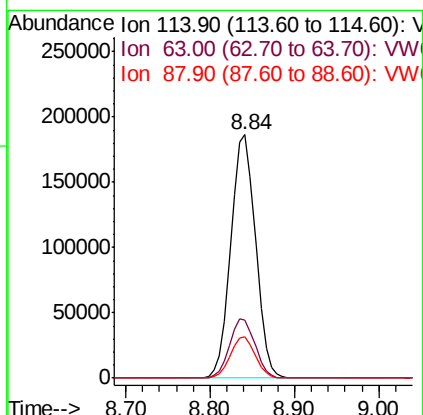
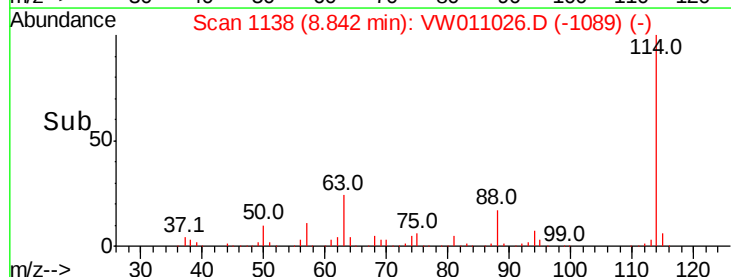
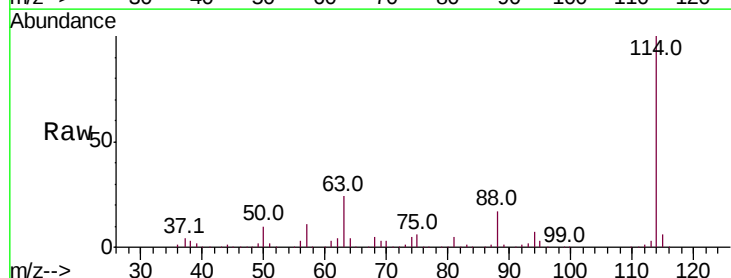
Tgt Ion: 114 Resp: 370712

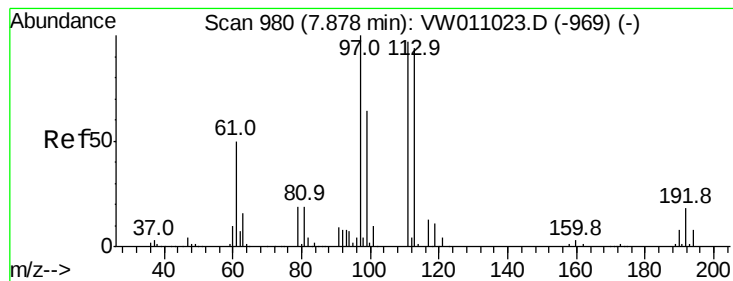
Ion Ratio Lower Upper

114 100

63 24.0 0.0 50.6

88 16.8 0.0 34.0





#35

Dibromofluoromethane

Concen: 51.426 ug/l

RT: 7.88 min Scan# 980

Delta R.T. 0.00 min

Lab File: VW011026.D

Acq: 27 Jun 2019 18:37

Instrument :

MSVOA_W

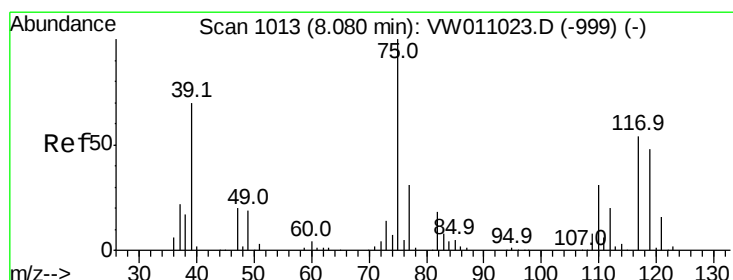
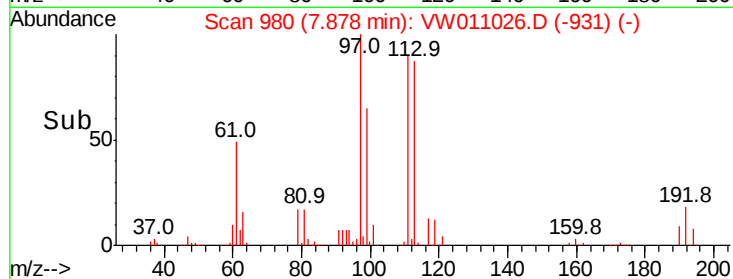
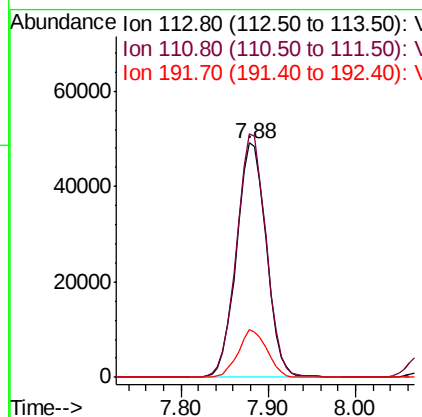
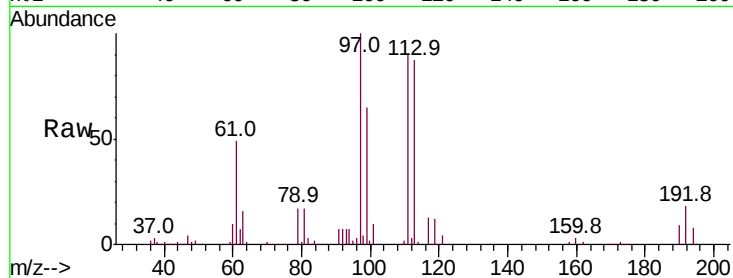
ClientSampleId :

ICVW062819

Tot Ion:	113	Resp:	116415
Ion Ratio	Lower	Upper	
113	100		
111	103.3	83.8	125.6
192	19.7	16.0	24.0

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#36

1,1-Dichloropropene

Concen: 48.298 ug/l

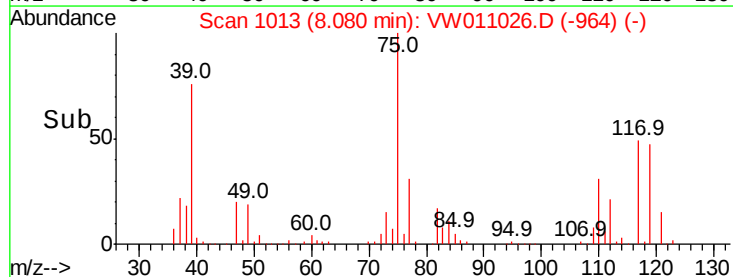
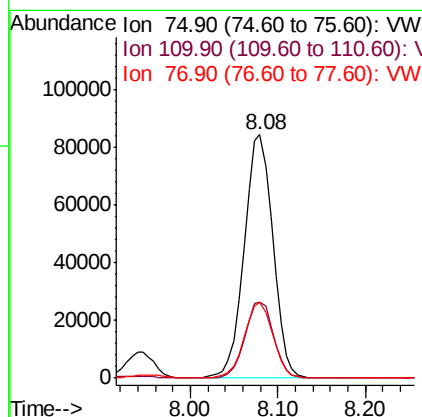
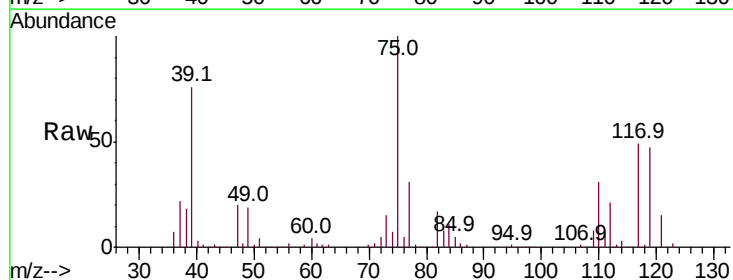
RT: 8.08 min Scan# 1013

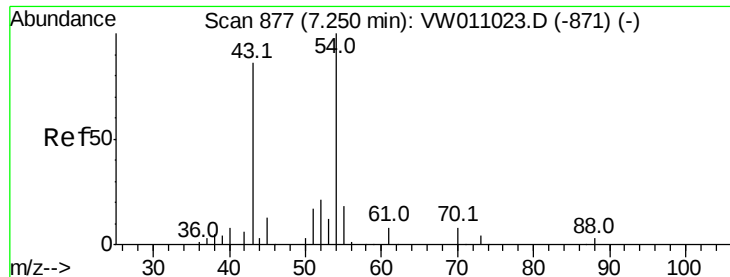
Delta R.T. 0.00 min

Lab File: VW011026.D

Acq: 27 Jun 2019 18:37

Tgt Ion:	75	Resp:	192444
Ion Ratio	Lower	Upper	
75	100		
110	31.4	15.5	46.5
77	31.0	24.9	37.3





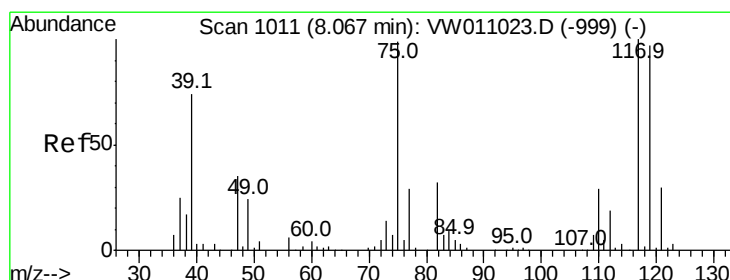
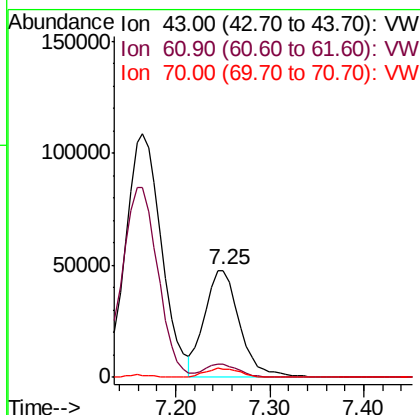
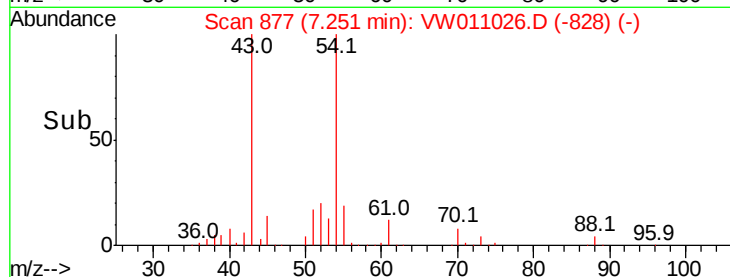
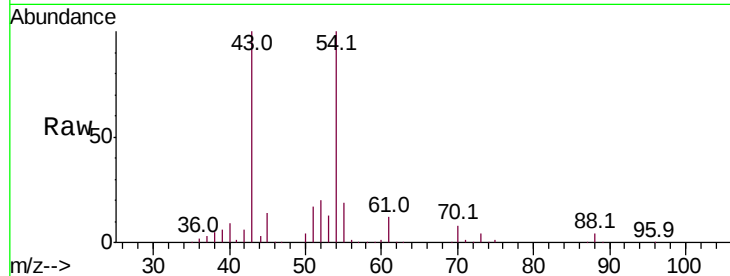
#37
Ethyl Acetate
Concen: 52.533 ug/l
RT: 7.25 min Scan# 877
Delta R.T. 0.00 min
Lab File: VW011026.D
Acq: 27 Jun 2019 18:37

Instrument :
MSVOA_W
ClientSampleId :
ICVW062819

Tot Ion	Ratio	Lower	Upper
43	100		
61	11.9	9.0	13.4
70	8.6	7.2	10.8

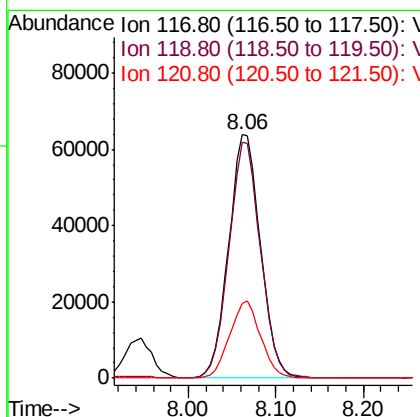
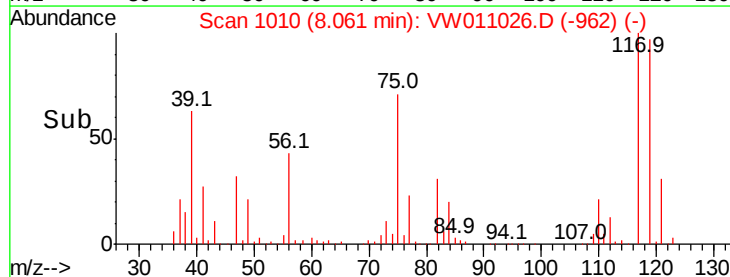
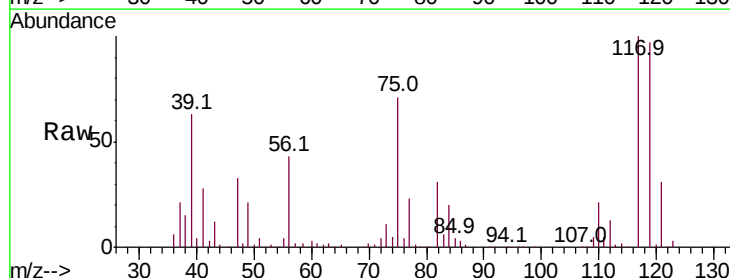
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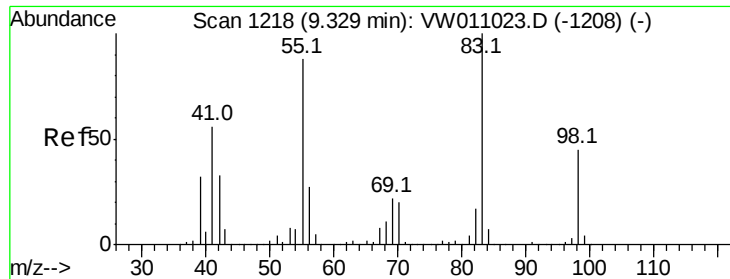
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#38
Carbon Tetrachloride
Concen: 49.139 ug/l
RT: 8.06 min Scan# 1010
Delta R.T. -0.01 min
Lab File: VW011026.D
Acq: 27 Jun 2019 18:37

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.9	77.7	116.5
121	30.8	23.9	35.9





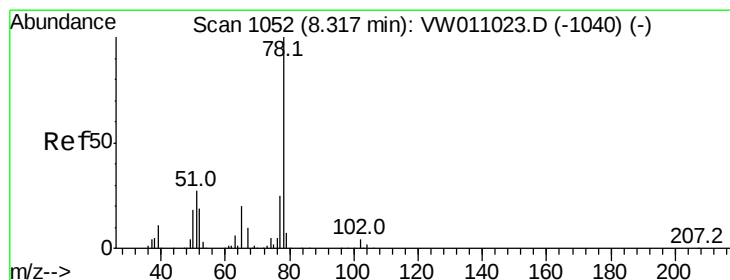
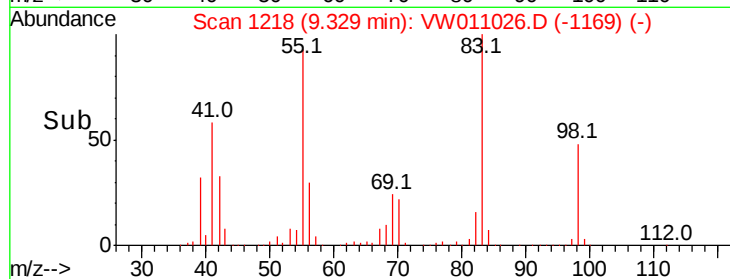
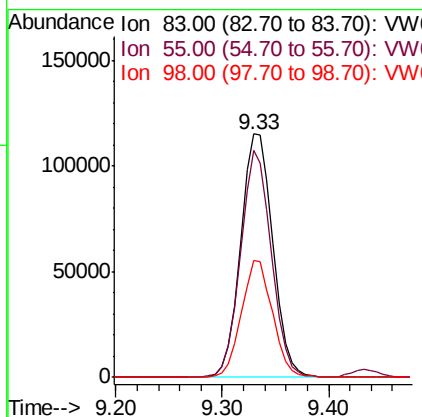
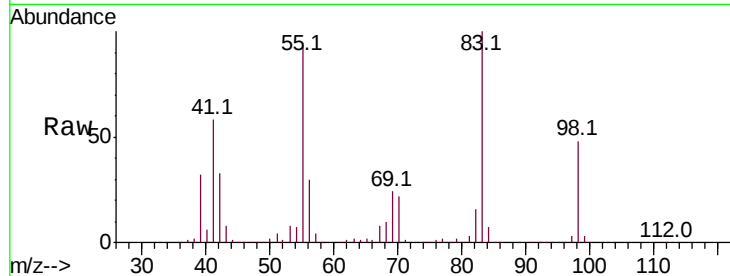
#39
Methvlcvclohexane
Concen: 49.983 ug/l
RT: 9.33 min Scan# 1218
Delta R.T. 0.00 min
Lab File: VW011026.D
Acq: 27 Jun 2019 18:37

Instrument :
MSVOA_W
ClientSampleId :
ICVW062819

Tot Ion	Ratio	Lower	Upper
83	100		
55	93.1	70.7	106.1
98	48.0	36.4	54.6

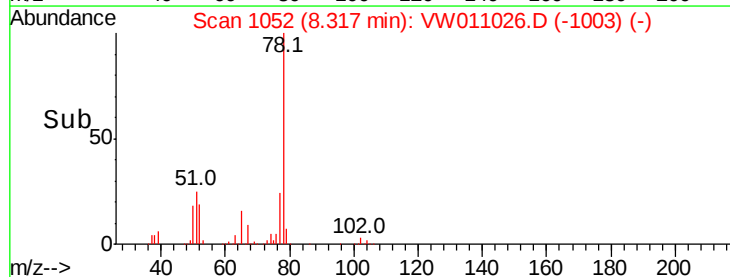
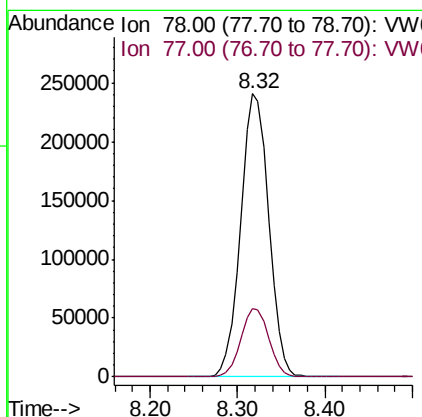
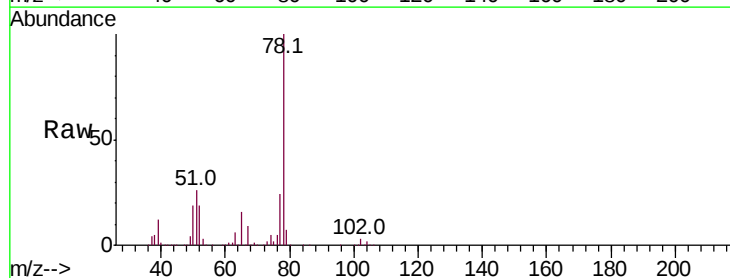
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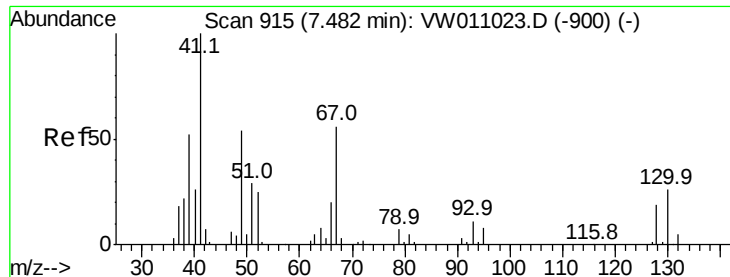
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#40
Benzene
Concen: 48.920 ug/l
RT: 8.32 min Scan# 1052
Delta R.T. 0.00 min
Lab File: VW011026.D
Acq: 27 Jun 2019 18:37

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.2	19.7	29.5





#41

Methacrylonitrile

Concen: 54.107 ug/l

RT: 7.48 min Scan# 915

Delta R.T. 0.00 min

Lab File: VW011026.D

Acq: 27 Jun 2019 18:37

Instrument :

MSVOA_W

ClientSampleId :

ICVW062819

Tot Ion: 41 Resp: 76304

Ion Ratio Lower Upper

41 100

39 53.2 42.1 63.1

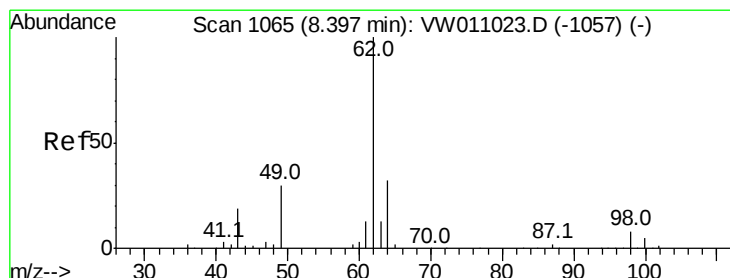
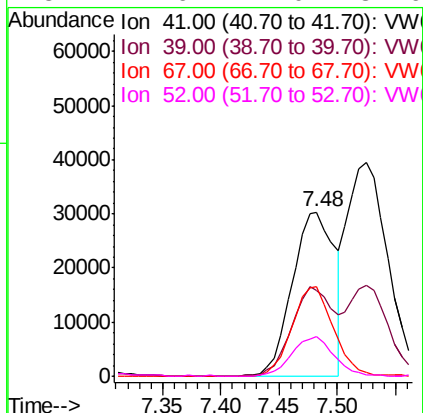
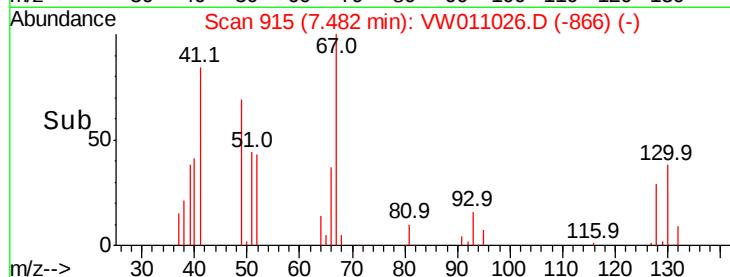
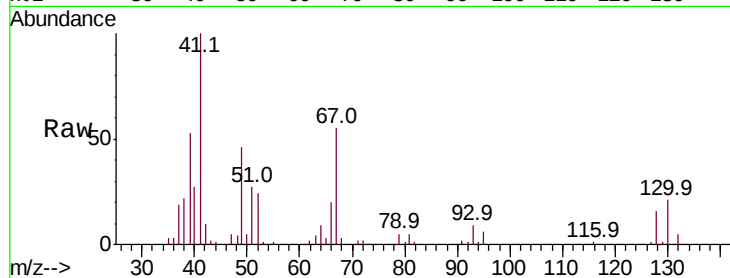
67 54.3 44.2 66.2

52 24.6 21.0 31.6

Manual Integrations
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#42

1,2-Dichloroethane

Concen: 49.126 ug/l

RT: 8.40 min Scan# 1065

Delta R.T. 0.00 min

Lab File: VW011026.D

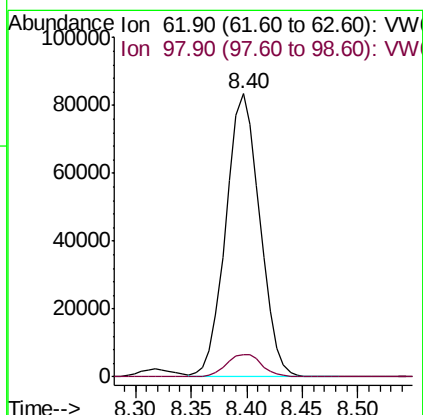
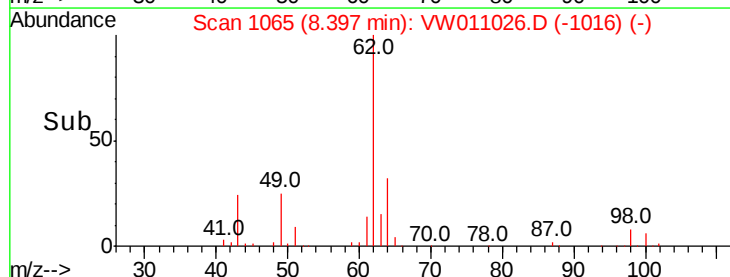
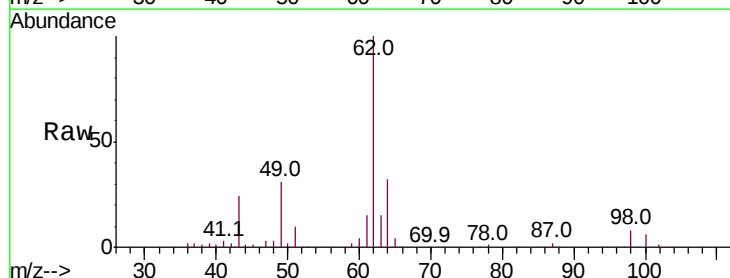
Acq: 27 Jun 2019 18:37

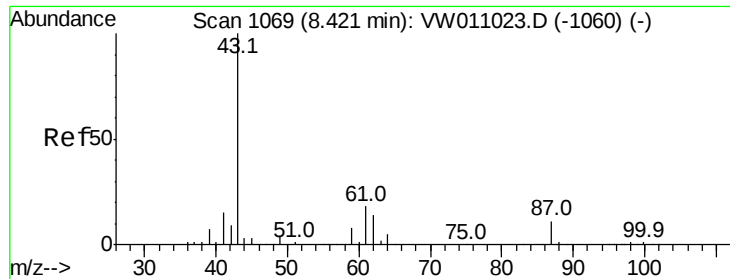
Tgt Ion: 62 Resp: 176524

Ion Ratio Lower Upper

62 100

98 8.4 0.0 16.8





#43

Isopropyl Acetate

Concen: 52.972 ug/l

RT: 8.42 min Scan# 1069

Delta R.T. 0.00 min

Lab File: VW011026.D

Acq: 27 Jun 2019 18:37

Instrument :

MSVOA_W

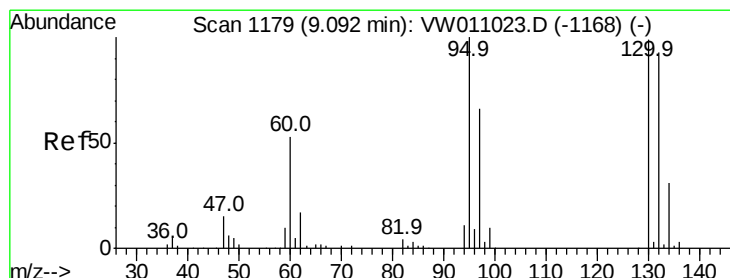
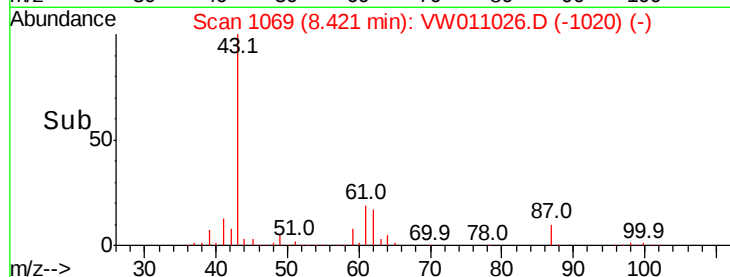
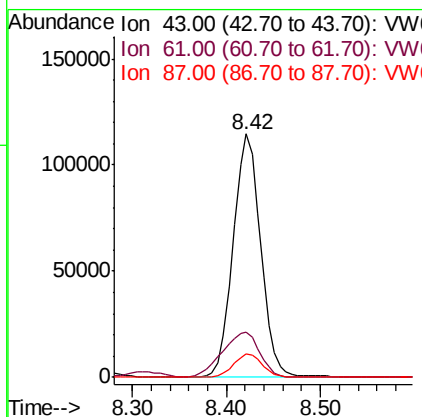
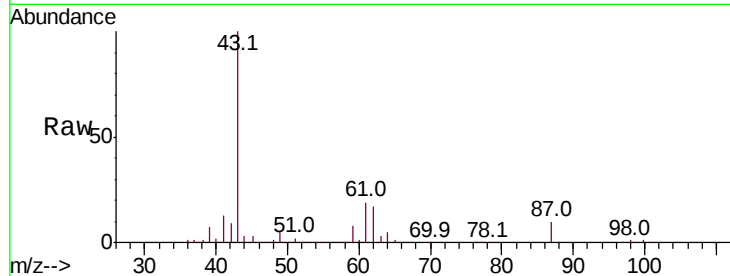
ClientSampleId :

ICVW062819

Tot Ion:	43	Resp:	232279
Ion	Ratio	Lower	Upper
43	100		
61	25.6	21.0	31.6
87	10.0	8.2	12.4

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#44

Trichloroethene

Concen: 48.354 ug/l

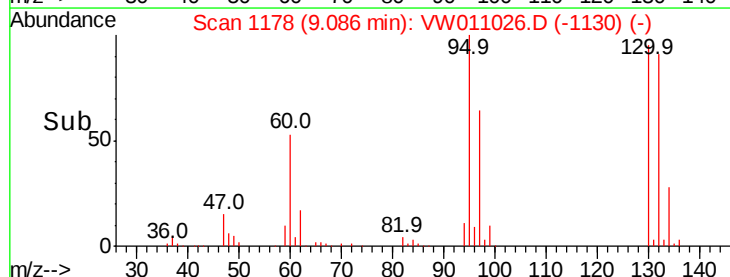
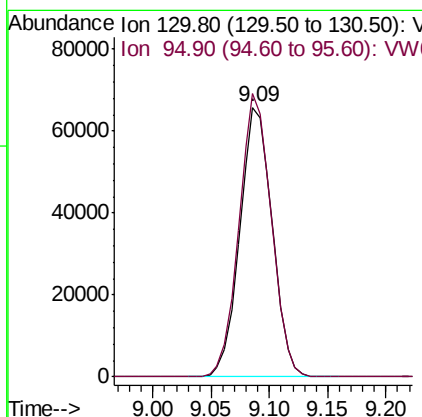
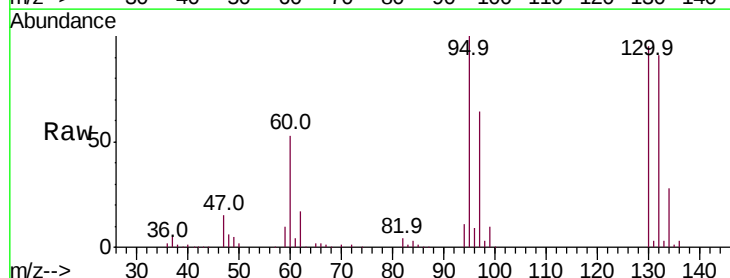
RT: 9.09 min Scan# 1178

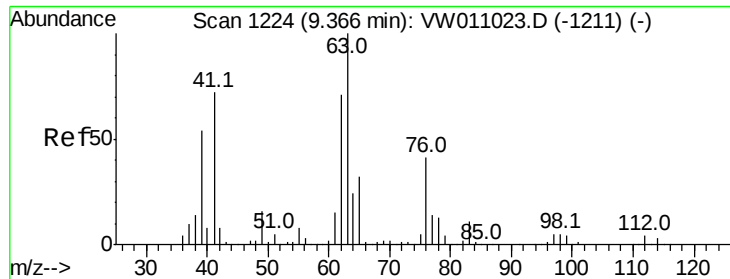
Delta R.T. -0.01 min

Lab File: VW011026.D

Acq: 27 Jun 2019 18:37

Tgt Ion:	130	Resp:	128069
Ion	Ratio	Lower	Upper
130	100		
95	105.0	0.0	202.0





#45

1,2-Dichloropropane

Concen: 49.465 ug/l

RT: 9.37 min Scan# 1224

Delta R.T. 0.00 min

Lab File: VW011026.D

Acq: 27 Jun 2019 18:37

Instrument :

MSVOA_W

ClientSampleId :

ICVW062819

Tot Ion: 63 Resp: 147210

Ion Ratio Lower Upper

63 100

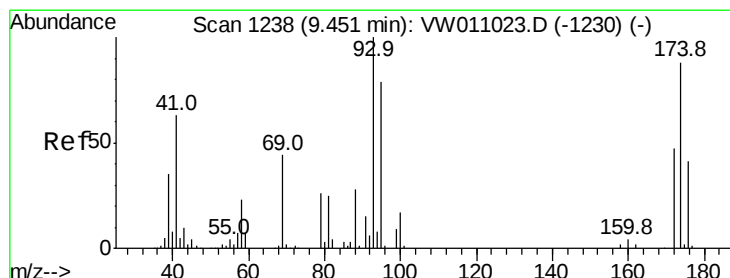
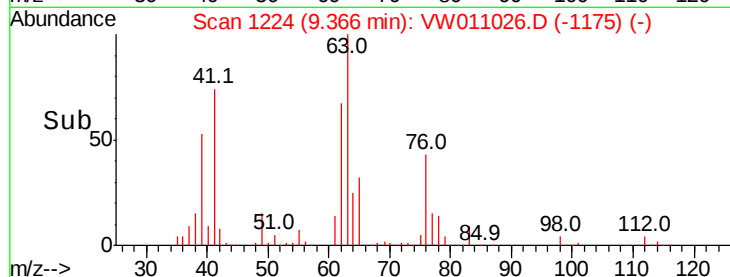
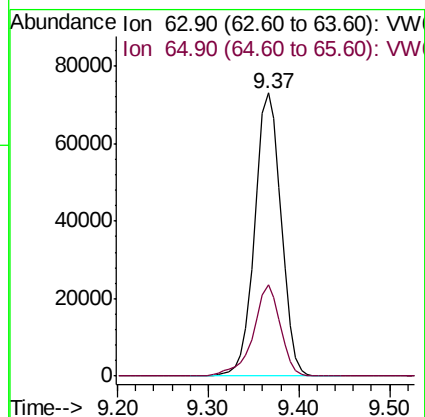
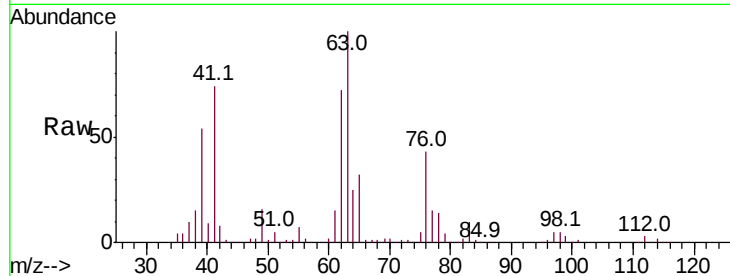
65 32.3 25.6 38.4

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#46

Dibromomethane

Concen: 49.246 ug/l

RT: 9.46 min Scan# 1239

Delta R.T. 0.01 min

Lab File: VW011026.D

Acq: 27 Jun 2019 18:37

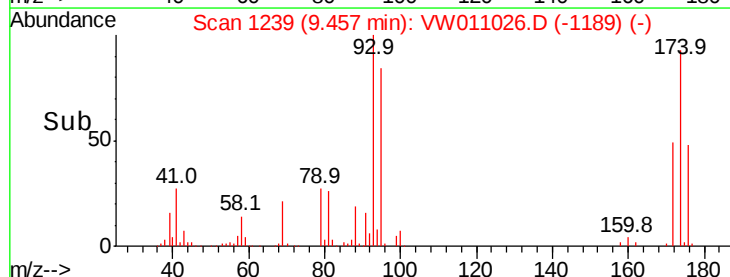
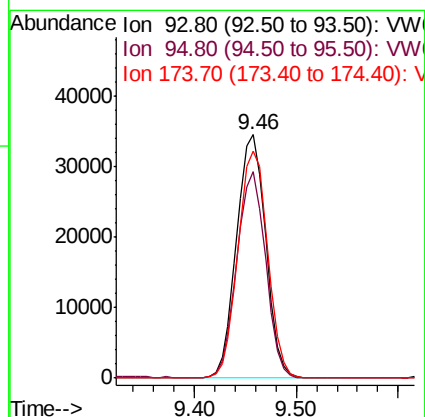
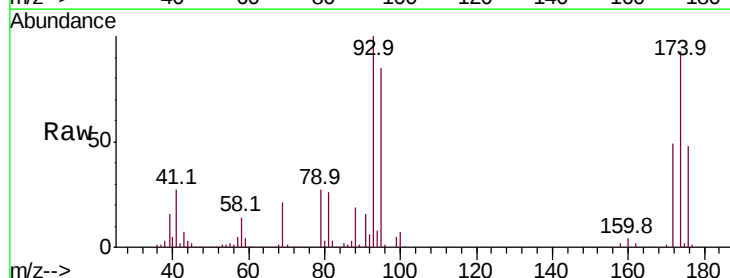
Tgt Ion: 93 Resp: 68543

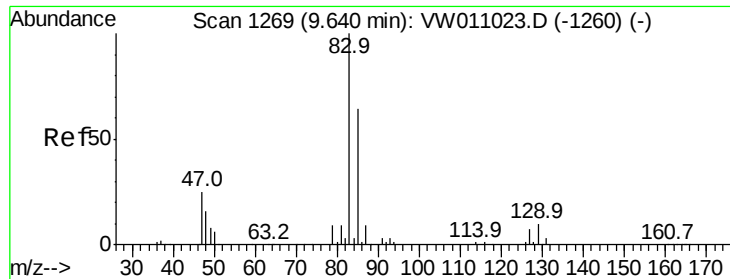
Ion Ratio Lower Upper

93 100

95 83.5 65.8 98.6

174 94.7 75.4 113.0





#47

Bromodichloromethane

Concen: 50.856 ug/l

RT: 9.64 min Scan# 1269

Delta R.T. 0.00 min

Lab File: VW011026.D

Acq: 27 Jun 2019 18:37

Instrument :

MSVOA_W

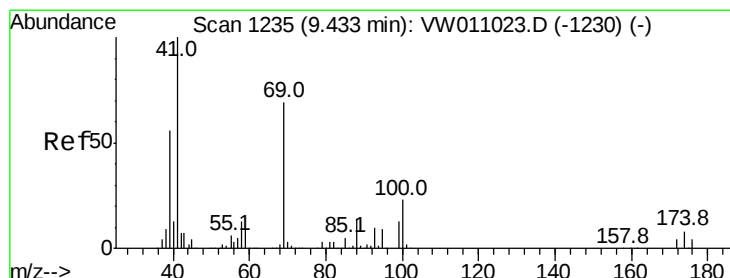
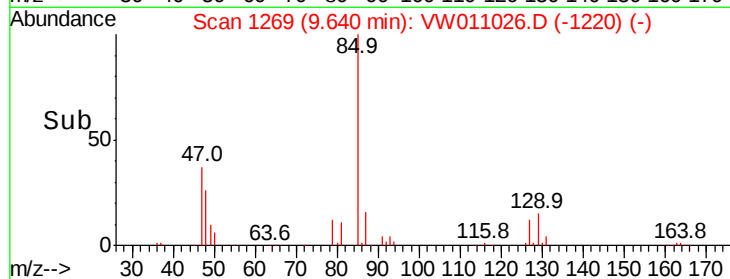
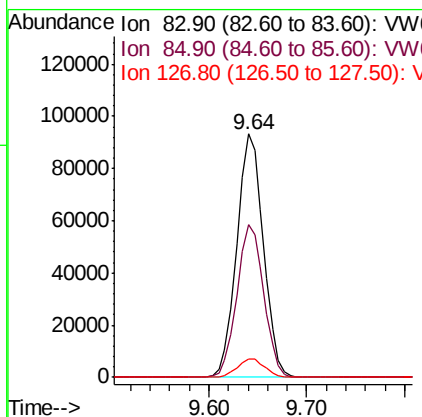
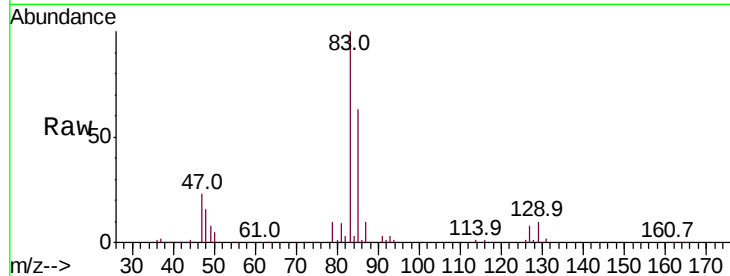
ClientSampleId :

ICVW062819

Tot Ion:	83	Resp:	175251
Ion Ratio	Lower	Upper	
83	100		
85	62.7	51.0	76.4
127	7.5	5.8	8.8

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#48

Methyl methacrylate

Concen: 52.717 ug/l

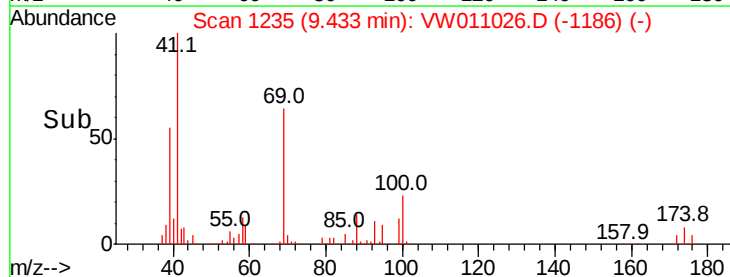
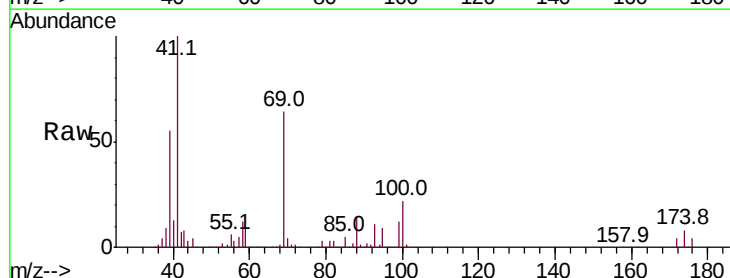
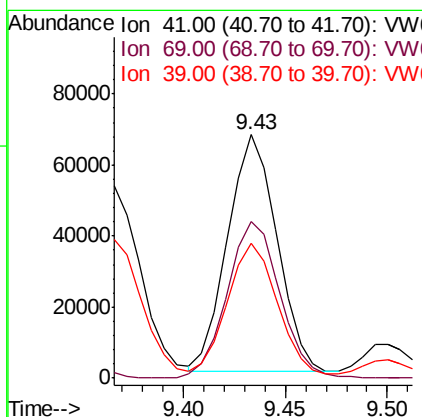
RT: 9.43 min Scan# 1235

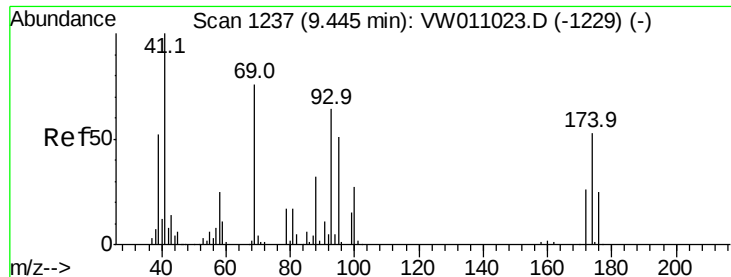
Delta R.T. 0.00 min

Lab File: VW011026.D

Acq: 27 Jun 2019 18:37

Tgt Ion:	41	Resp:	112083
Ion Ratio	Lower	Upper	
41	100		
69	71.0	56.7	85.1
39	54.8	45.0	67.6





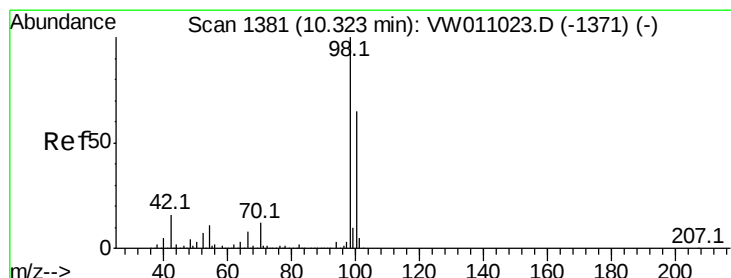
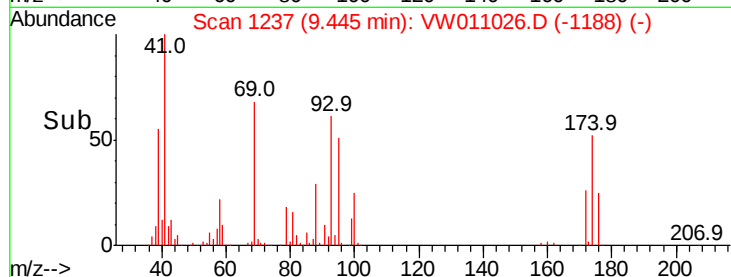
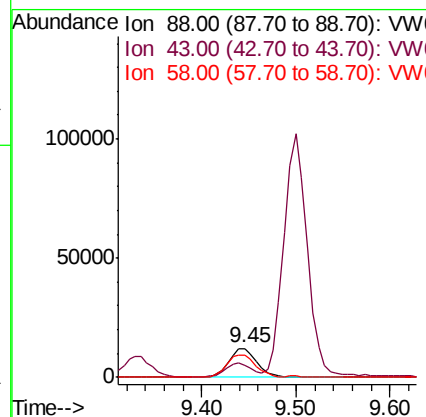
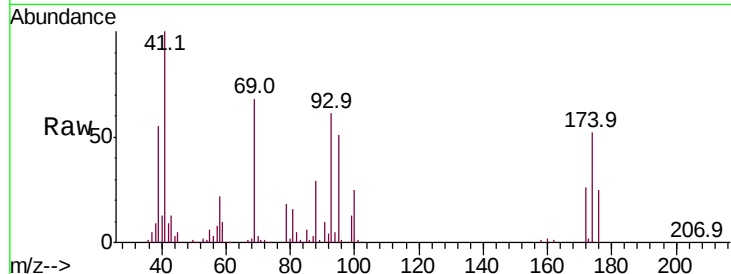
#49
1,4-Dioxane
Concen: 1072.980 ug/l
RT: 9.45 min Scan# 1237
Delta R.T. 0.00 min
Lab File: VW011026.D
Acq: 27 Jun 2019 18:37

Instrument :
MSVOA_W
ClientSampled :
ICVW062819

Tot Ion	Ratio	Lower	Upper
88	100		
43	44.6	34.4	51.6
58	80.3	65.2	97.8

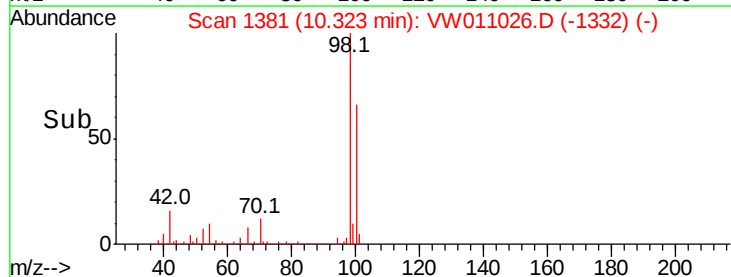
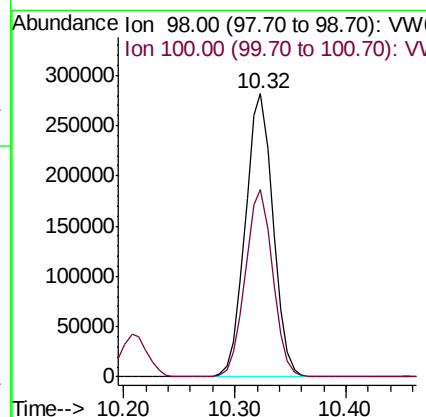
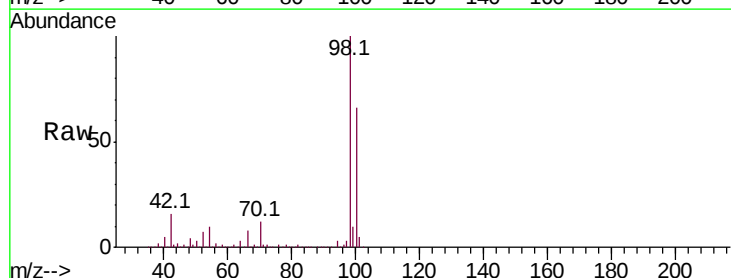
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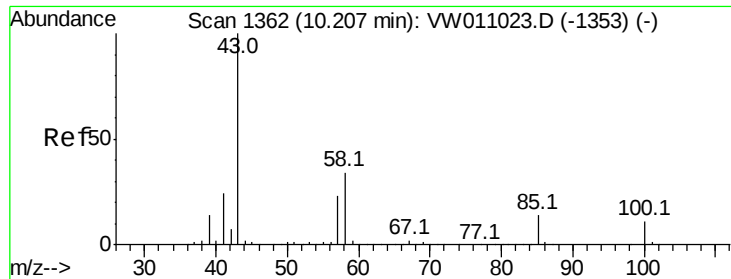
MMDadoda
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#50
Toluene-d8
Concen: 52.192 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. 0.00 min
Lab File: VW011026.D
Acq: 27 Jun 2019 18:37

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.6	52.3	78.5





#51

4-Methyl-2-Pentanone

Concen: 264.630 ug/l

RT: 10.21 min Scan# 1362

Delta R.T. 0.00 min

Lab File: VW011026.D

Acq: 27 Jun 2019 18:37

Instrument :

MSVOA_W

ClientSampleId :

ICVW062819

Tot Ion: 43 Resp: 610820

Ion Ratio Lower Upper

43 100

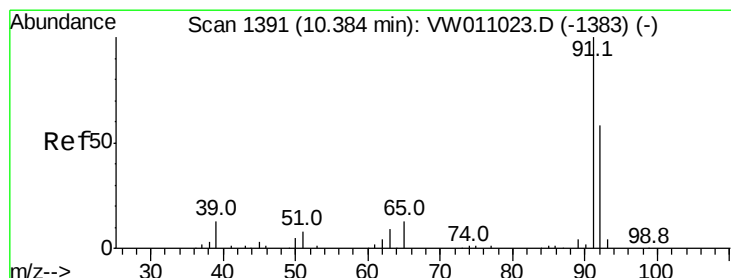
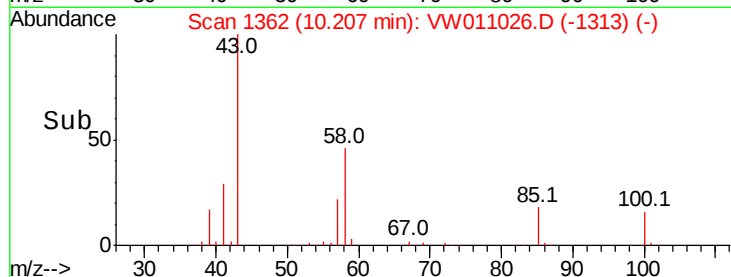
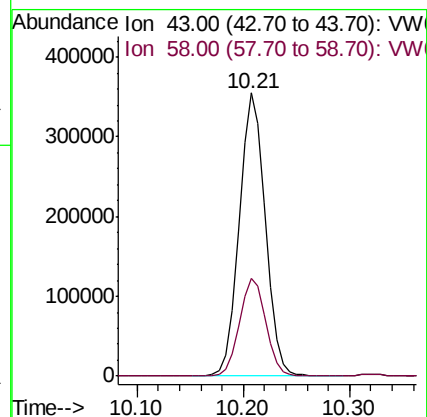
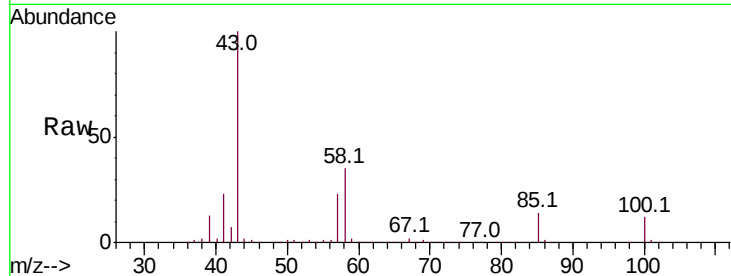
58 34.8 27.8 41.6

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6/28/2019 10:25:17 AM



#52

Toluene

Concen: 49.373 ug/l

RT: 10.38 min Scan# 1391

Delta R.T. 0.00 min

Lab File: VW011026.D

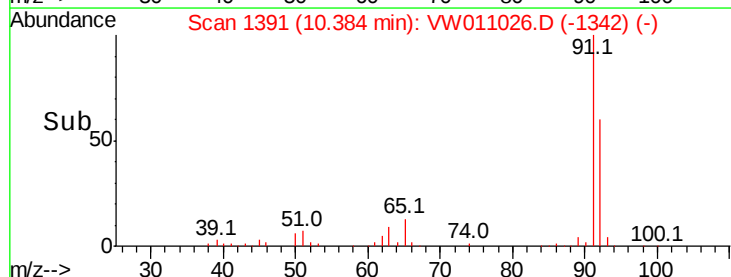
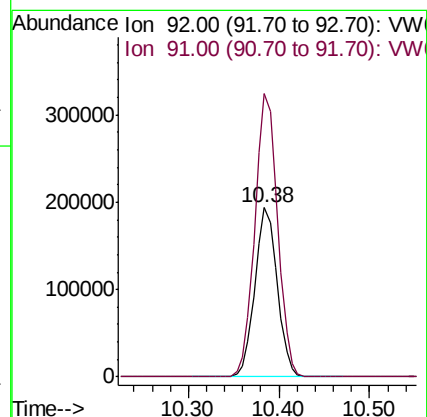
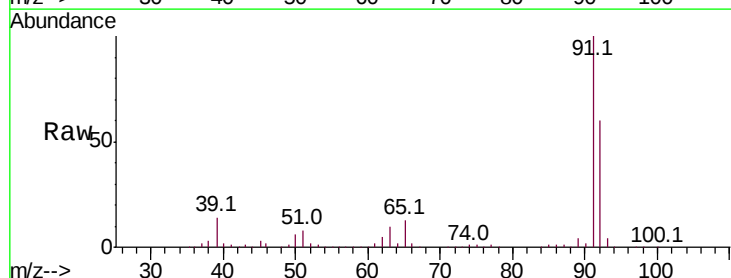
Acq: 27 Jun 2019 18:37

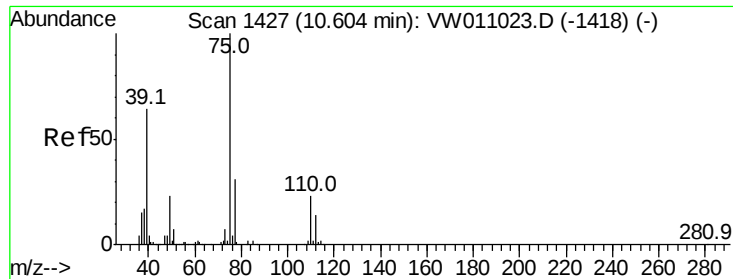
Tgt Ion: 92 Resp: 331270

Ion Ratio Lower Upper

92 100

91 170.2 136.9 205.3





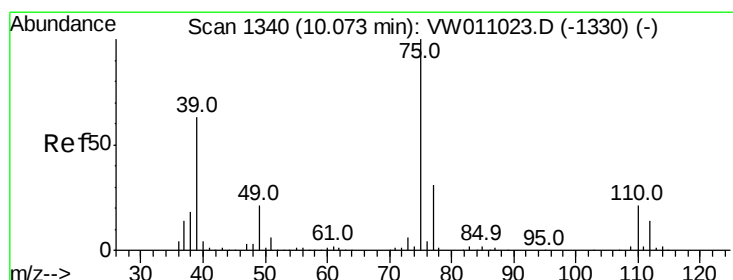
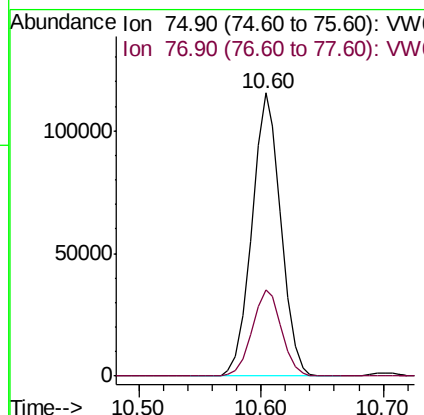
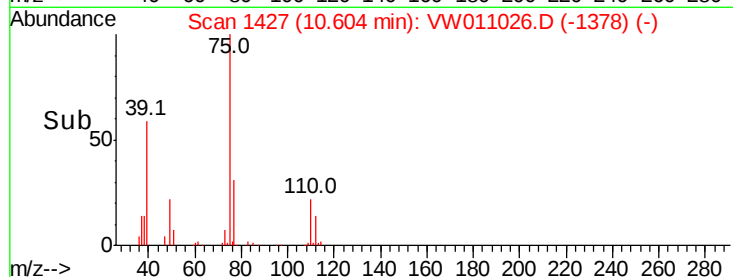
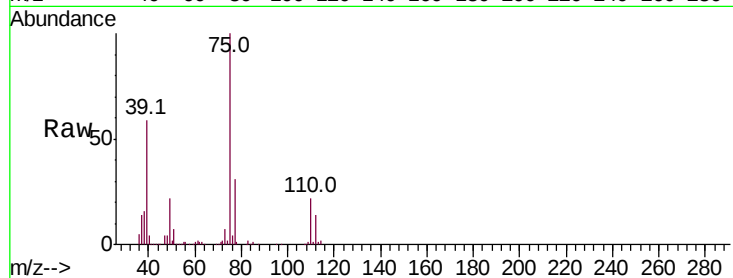
#53
t-1,3-Dichloropropene
Concen: 52.909 ug/l
RT: 10.60 min Scan# 1427
Delta R.T. 0.00 min
Lab File: VW011026.D
Acq: 27 Jun 2019 18:37

Instrument :
MSVOA_W
ClientSampleId :
ICVW062819

Tot Ion: 75 Resp: 189909
Ion Ratio Lower Upper
75 100
77 30.7 24.6 37.0

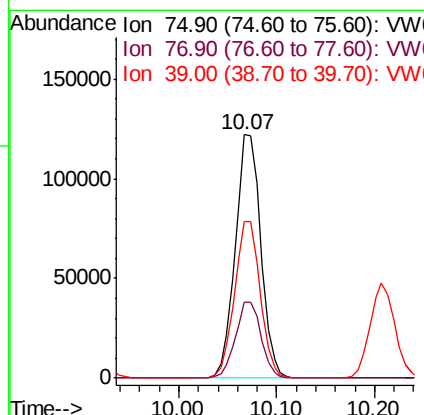
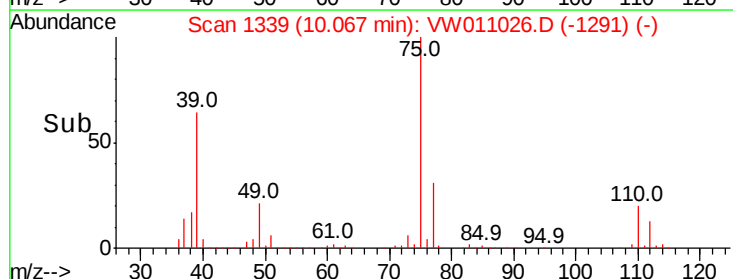
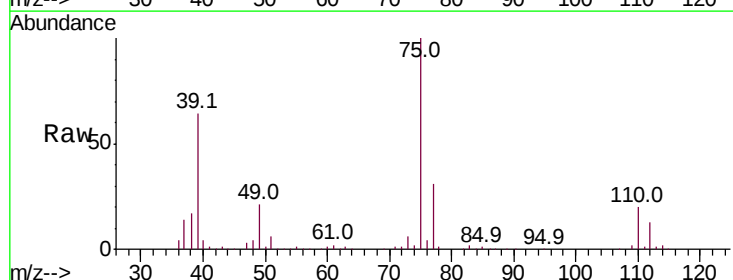
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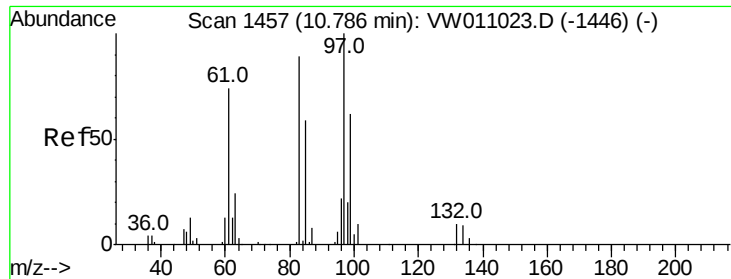
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#54
cis-1,3-Dichloropropene
Concen: 51.749 ug/l
RT: 10.07 min Scan# 1339
Delta R.T. -0.01 min
Lab File: VW011026.D
Acq: 27 Jun 2019 18:37

Tgt Ion: 75 Resp: 221572
Ion Ratio Lower Upper
75 100
77 31.2 24.8 37.2
39 64.2 50.0 75.0





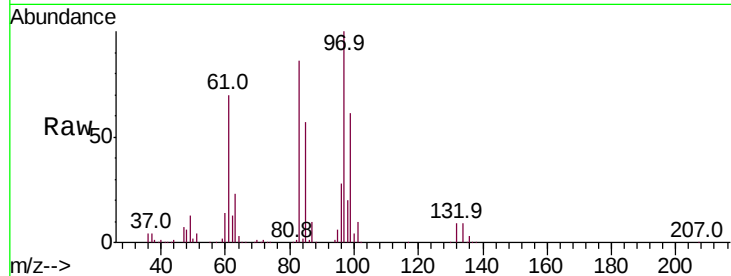
#55
 1,1,2-Trichloroethane
 Concen: 50.356 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. 0.00 min
 Lab File: VW011026.D
 Acq: 27 Jun 2019 18:37

Instrument :
 MSVOA_W
 ClientSampleId :
 ICVVW062819

Tot Ion:	97	Resp:	99020
Ion	Ratio	Lower	Upper
97	100		
83	86.4	70.9	106.3
85	56.7	47.2	70.8
99	60.7	50.0	75.0

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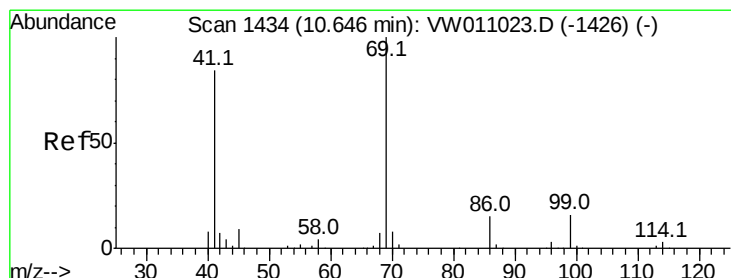
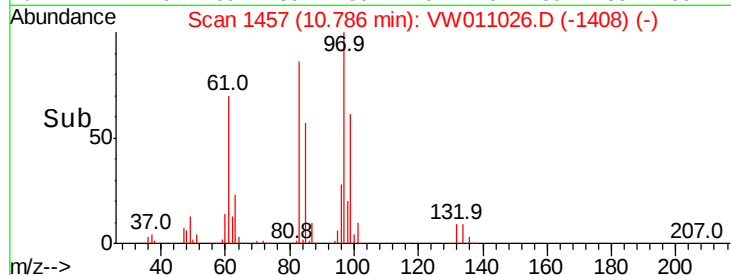
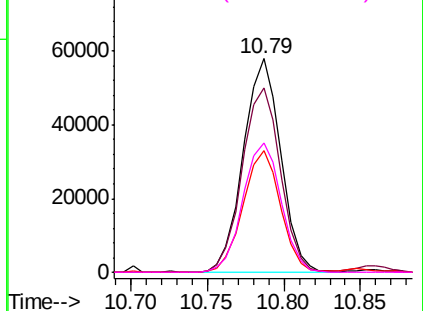
Abundance

Ion 96.90 (96.60 to 97.60): VW

Ion 82.90 (82.60 to 83.60): VW

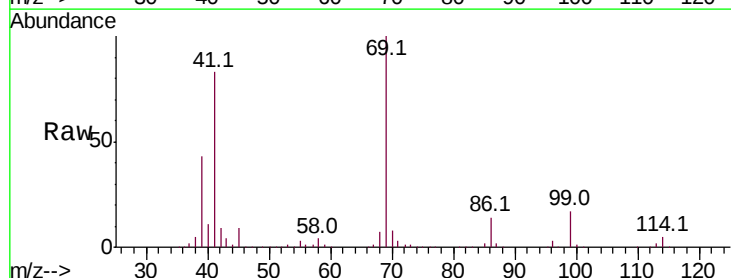
Ion 84.90 (84.60 to 85.60): VW

Ion 98.90 (98.60 to 99.60): VW



#56
 Ethyl methacrylate
 Concen: 53.431 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. 0.00 min
 Lab File: VW011026.D
 Acq: 27 Jun 2019 18:37

Tgt Ion:	69	Resp:	157335
Ion	Ratio	Lower	Upper
69	100		
41	83.6	67.9	101.9
39	39.8	33.2	49.8

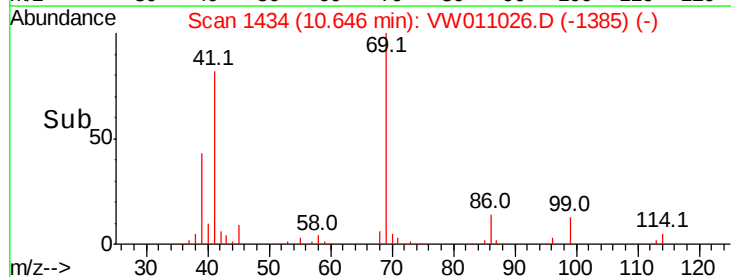
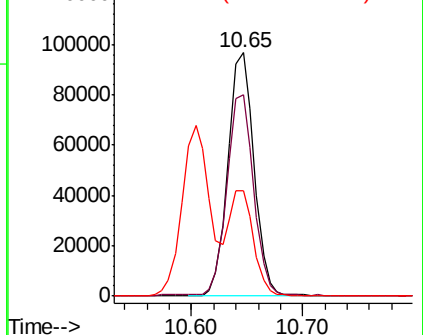


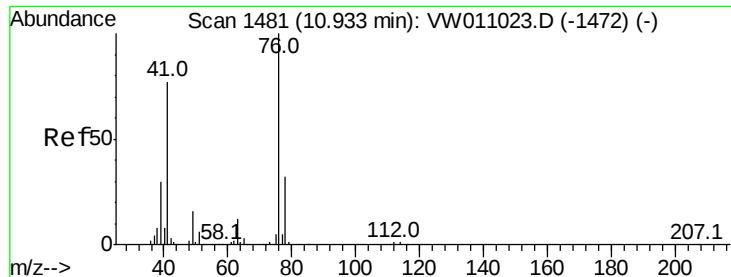
Abundance

Ion 69.00 (68.70 to 69.70): VW

Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW





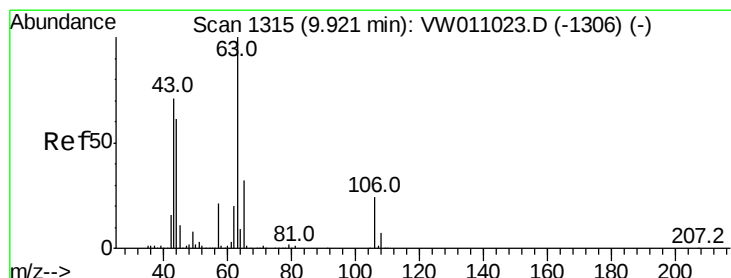
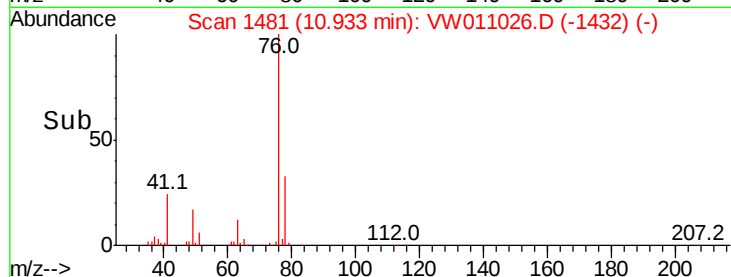
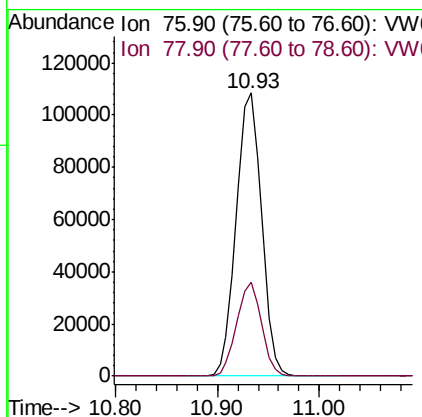
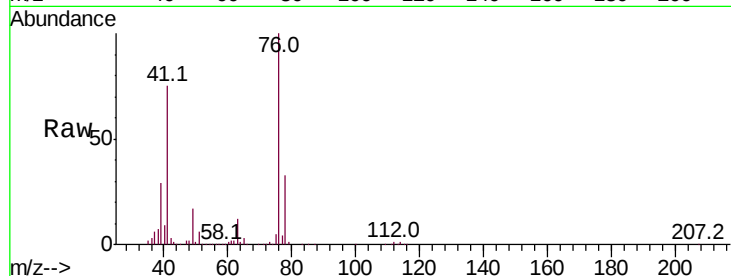
#57
 1,3-Dichloropropane
 Concen: 49.946 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. 0.00 min
 Lab File: VW011026.D
 Acq: 27 Jun 2019 18:37

Instrument :
 MSVOA_W
 ClientSampleId :
 ICVVW062819

Tot Ion: 76 Resp: 186822
 Ion Ratio Lower Upper
 76 100
 78 32.5 25.8 38.6

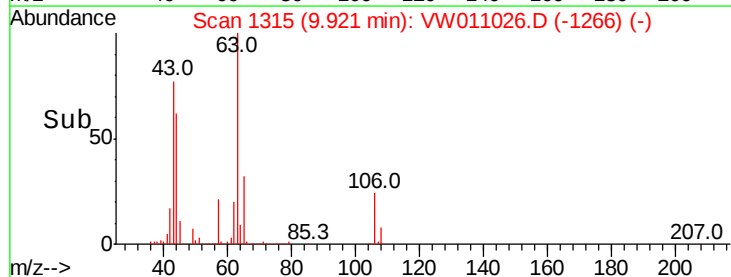
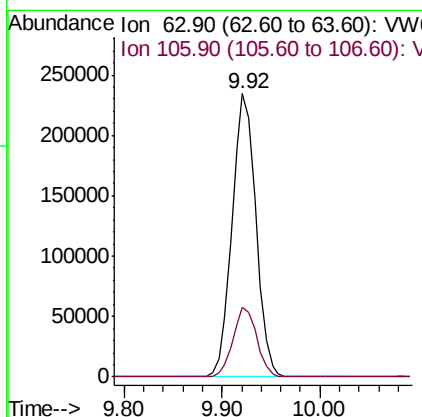
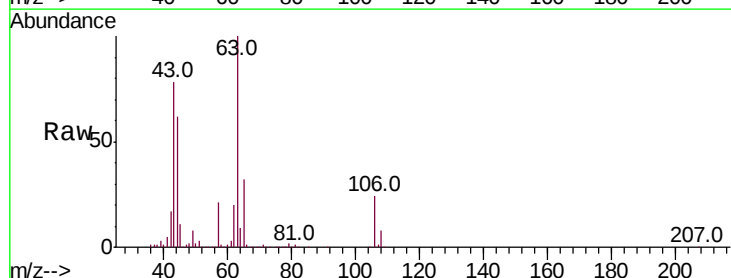
Manual Integrations
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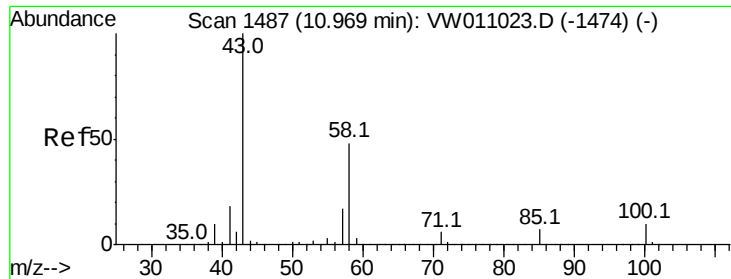
MMDadoda
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#58
 2-Chloroethyl Vinyl ether
 Concen: 265.620 ug/l
 RT: 9.92 min Scan# 1315
 Delta R.T. 0.00 min
 Lab File: VW011026.D
 Acq: 27 Jun 2019 18:37

Tgt Ion: 63 Resp: 395741
 Ion Ratio Lower Upper
 63 100
 106 24.5 19.4 29.0





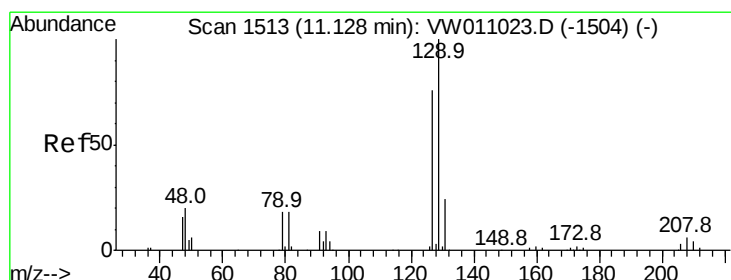
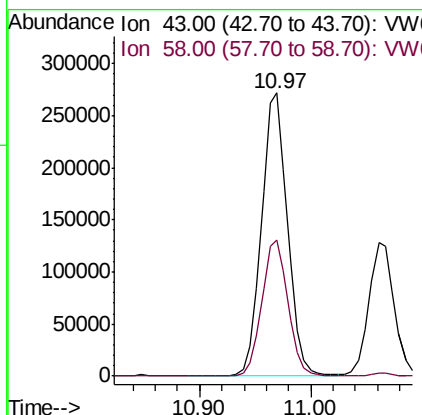
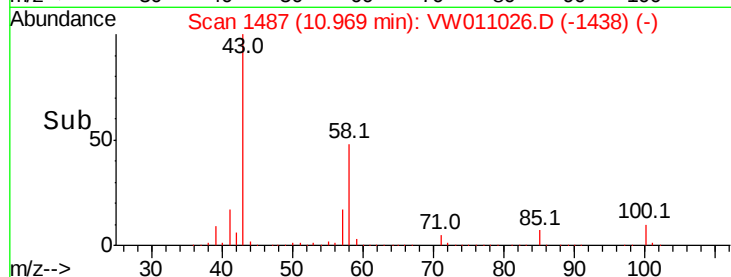
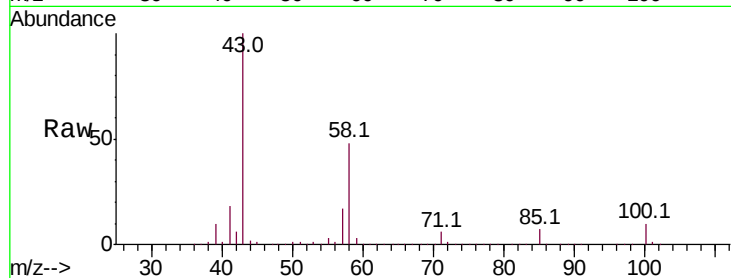
#59
2-Hexanone
Concen: 274.664 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VW011026.D
Acq: 27 Jun 2019 18:37

Instrument :
MSVOA_W
ClientSampleId :
ICVW062819

Tot Ion: 43 Resp: 442118
Ion Ratio Lower Upper
43 100
58 48.3 23.8 71.5

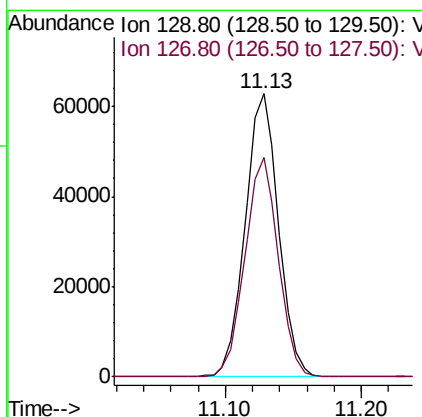
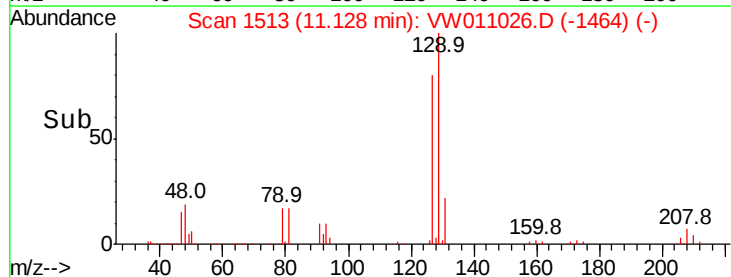
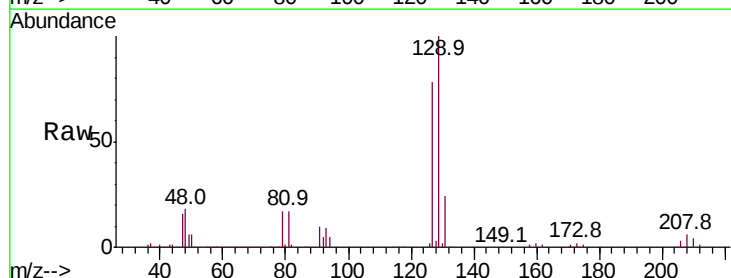
Manual Integrations
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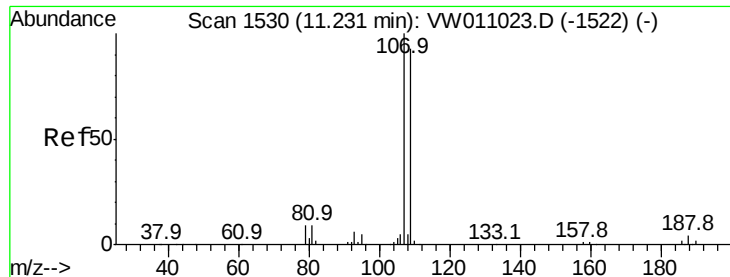
MMDadoda
6/28/2019 10:25:17 AM



#60
Dibromochloromethane
Concen: 52.194 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VW011026.D
Acq: 27 Jun 2019 18:37

Tgt Ion: 129 Resp: 107627
Ion Ratio Lower Upper
129 100
127 77.8 39.4 118.1





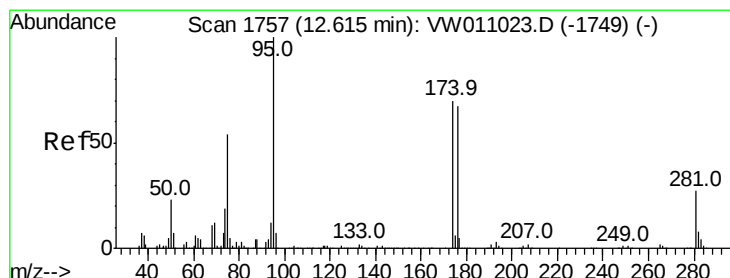
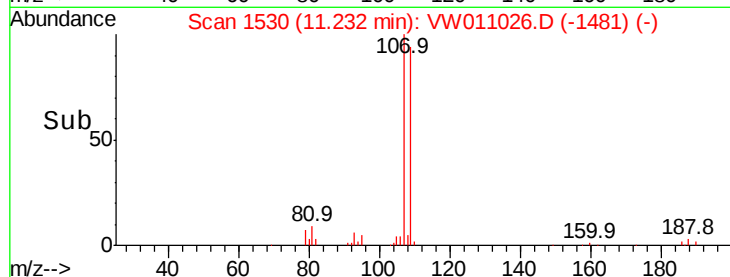
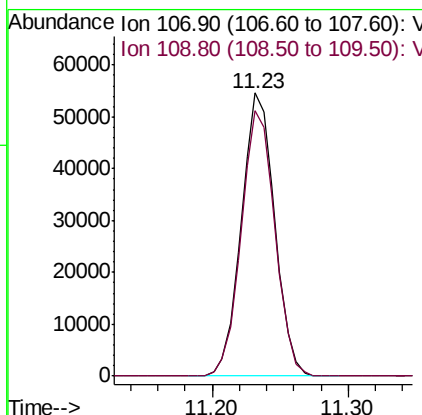
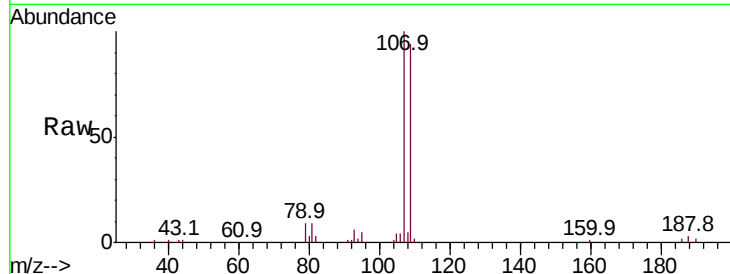
#61
 1,2-Dibromoethane
 Concen: 50.713 ug/l
 RT: 11.23 min Scan# 1530
 Delta R.T. 0.00 min
 Lab File: VW011026.D
 Acq: 27 Jun 2019 18:37

Instrument :
 MSVOA_W
 ClientSampleId :
 ICVVW062819

Tot Ion	Ratio	Lower	Upper
107	100		
109	95.0	75.1	112.7

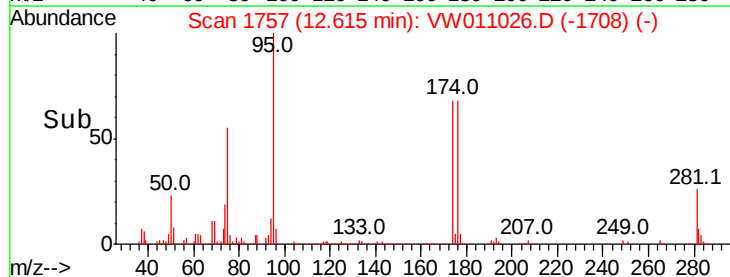
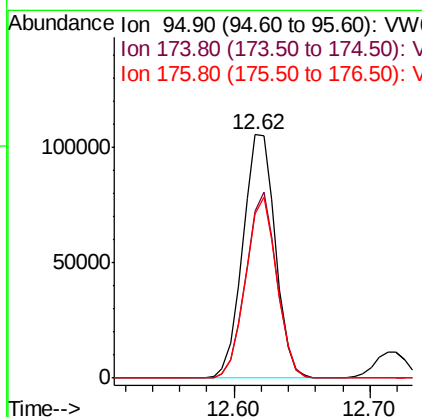
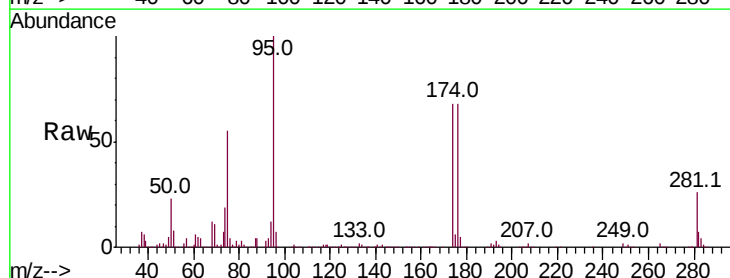
Manual Integrations
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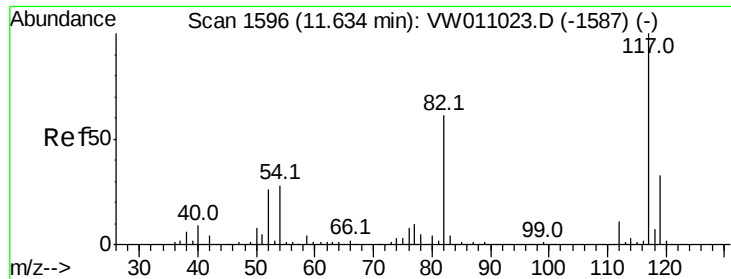
MMDadoda
 6/28/2019 10:25:17 AM



#62
 4-Bromofluorobenzene
 Concen: 51.900 ug/l
 RT: 12.62 min Scan# 1757
 Delta R.T. 0.00 min
 Lab File: VW011026.D
 Acq: 27 Jun 2019 18:37

Tgt Ion	Ratio	Lower	Upper
95	100		
174	72.6	0.0	149.2
176	71.2	0.0	143.6





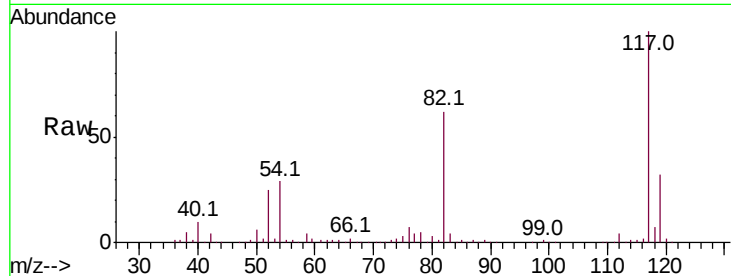
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.01 min
Lab File: VW011026.D
Acq: 27 Jun 2019 18:37

Instrument :
MSVOA_W
ClientSampleId :
ICVW062819

Tot Ion	Ratio	Lower	Upper
117	100		
82	62.2	48.6	73.0
119	31.8	26.1	39.1

Manual Integrations
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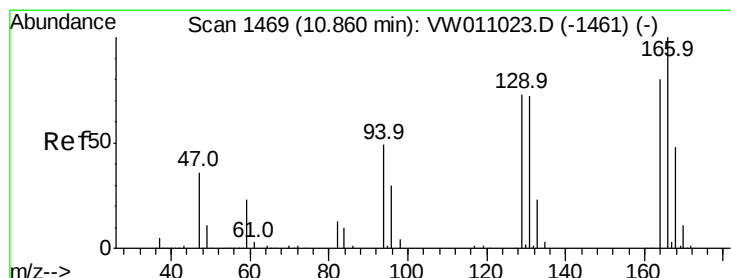
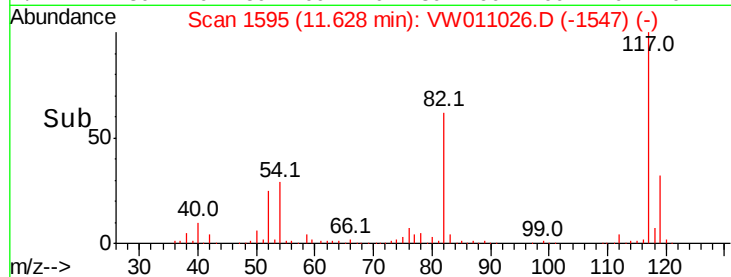
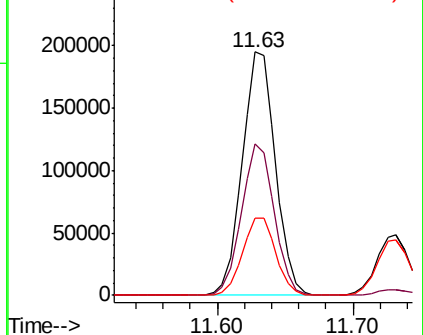


Abundance

Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): V

Ion 118.90 (118.60 to 119.60): V



#64
Tetrachloroethene
Concen: 49.585 ug/l
RT: 10.86 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VW011026.D
Acq: 27 Jun 2019 18:37

Tgt Ion	Ratio	Lower	Upper
164	100		
166	127.6	99.8	149.6
129	95.9	73.0	109.4
131	89.9	71.4	107.0

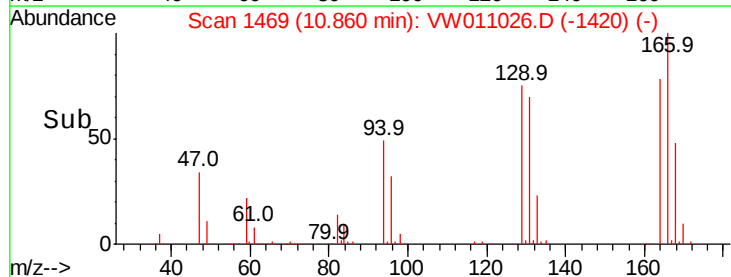
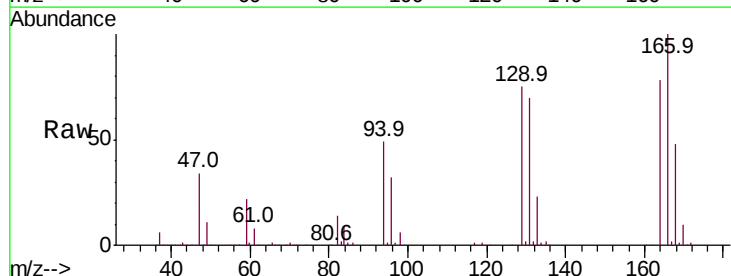
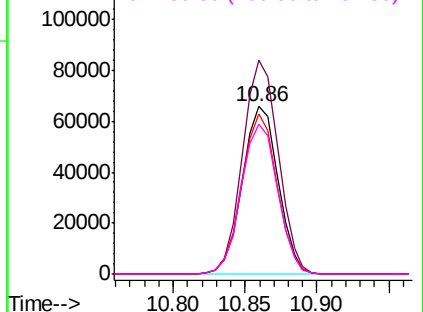
Abundance

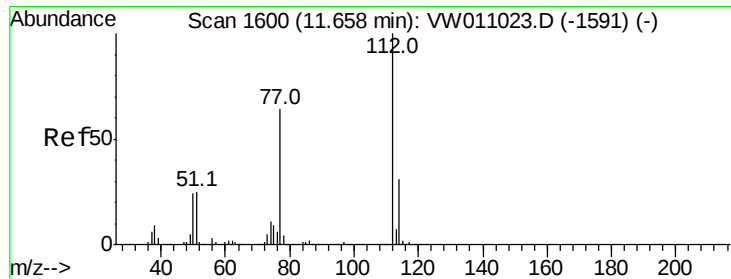
Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V





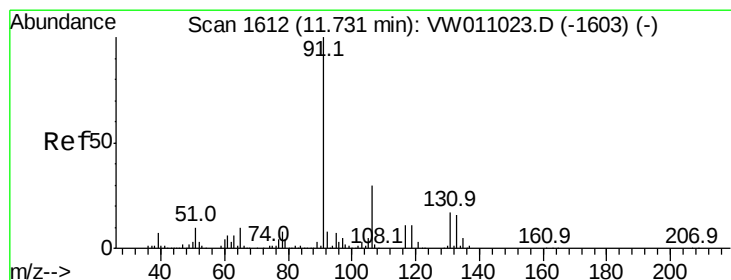
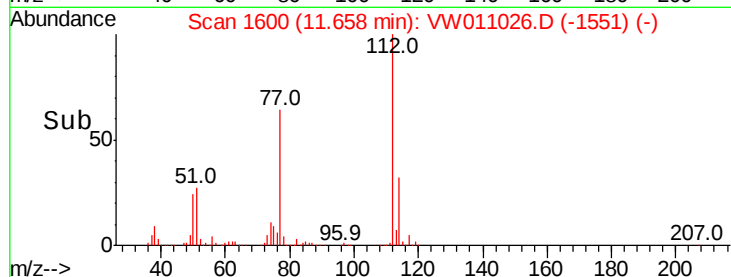
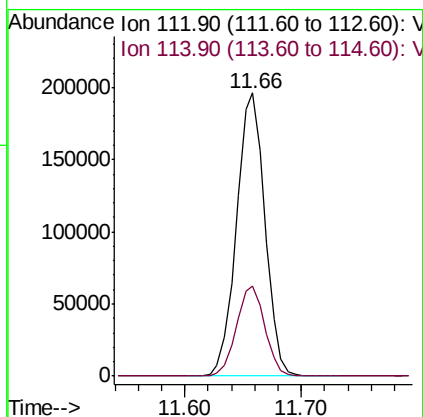
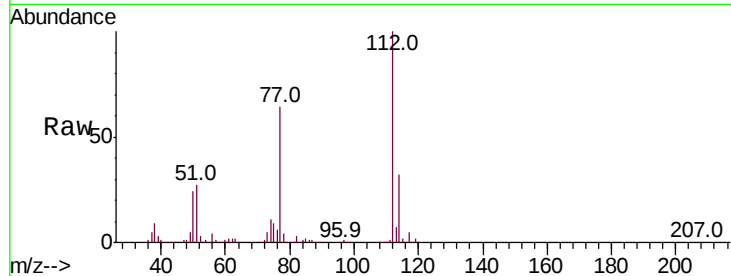
#65
Chlorobenzene
Concen: 48.960 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VW011026.D
Acq: 27 Jun 2019 18:37

Instrument :
MSVOA_W
ClientSampleId :
ICVW062819

Tot Ion:112 Resp: 332877
Ion Ratio Lower Upper
112 100
114 31.8 25.2 37.8

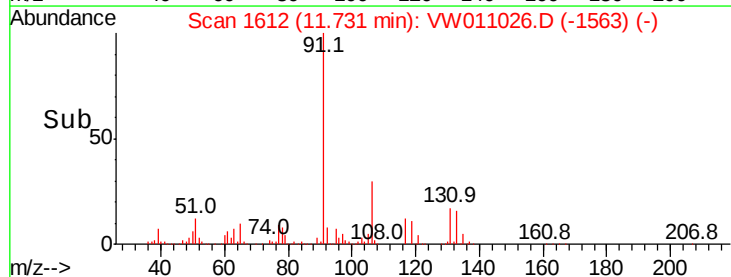
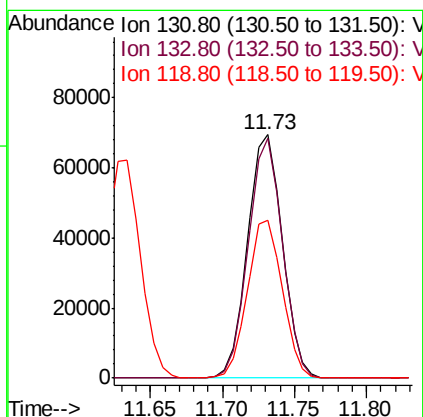
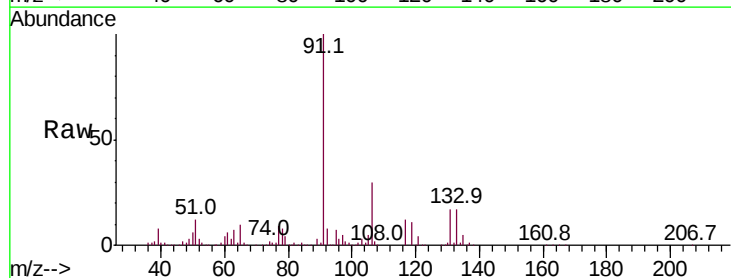
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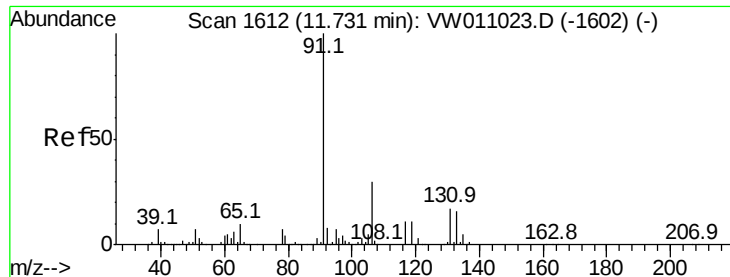
MMDadoda
6/28/2019 10:25:17 AM



#66
1,1,1,2-Tetrachloroethane
Concen: 50.258 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW011026.D
Acq: 27 Jun 2019 18:37

Tgt Ion:131 Resp: 116014
Ion Ratio Lower Upper
131 100
133 96.4 47.7 143.1
119 65.0 33.1 99.2





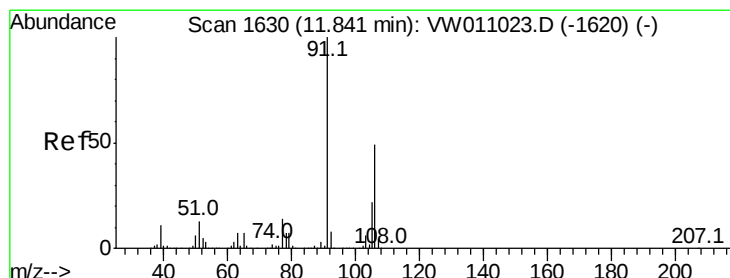
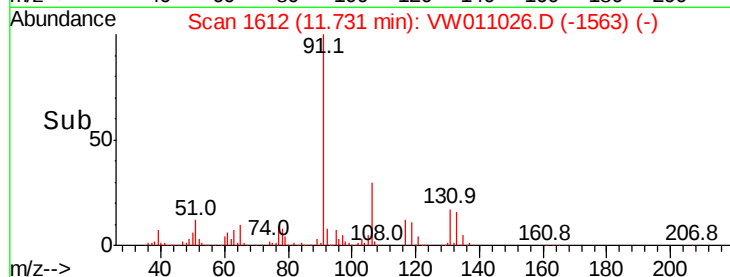
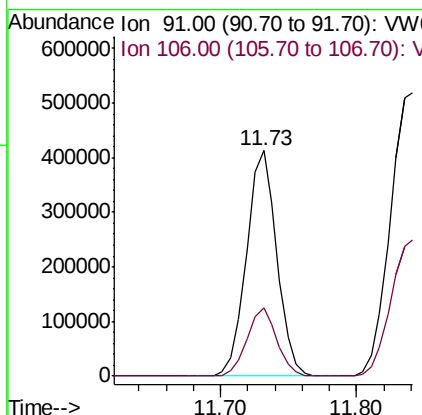
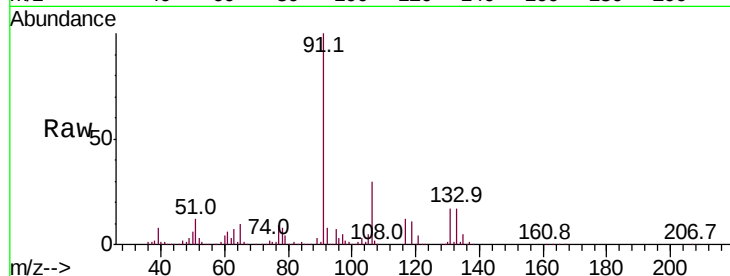
#67
Ethyl Benzene
Concen: 49.434 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW011026.D
Acq: 27 Jun 2019 18:37

Instrument :
MSVOA_W
ClientSampleId :
ICVW062819

Tot Ion: 91 Resp: 643725
Ion Ratio Lower Upper
91 100
106 30.2 23.8 35.6

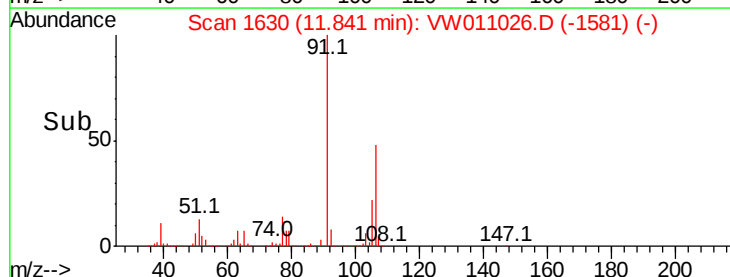
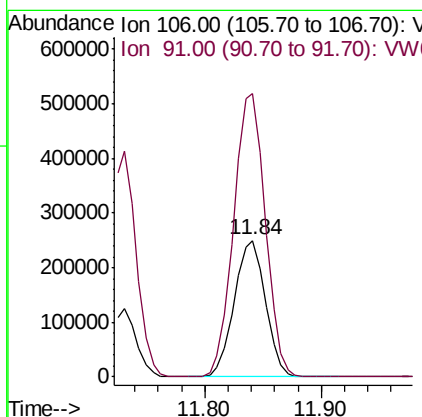
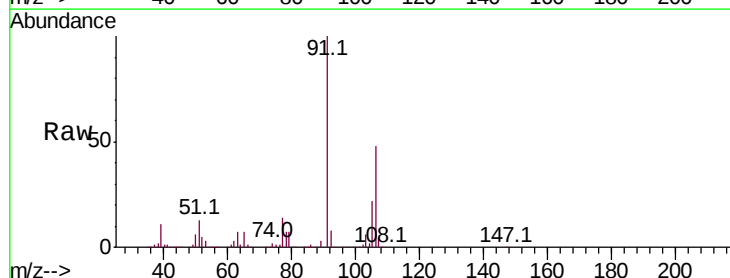
Manual Integrations
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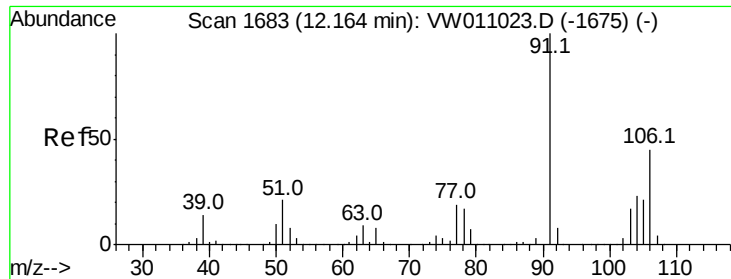
MMDadoda
6/28/2019 10:25:17 AM



#68
m/p-Xylenes
Concen: 98.609 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. 0.00 min
Lab File: VW011026.D
Acq: 27 Jun 2019 18:37

Tgt Ion: 106 Resp: 465947
Ion Ratio Lower Upper
106 100
91 210.6 167.5 251.3





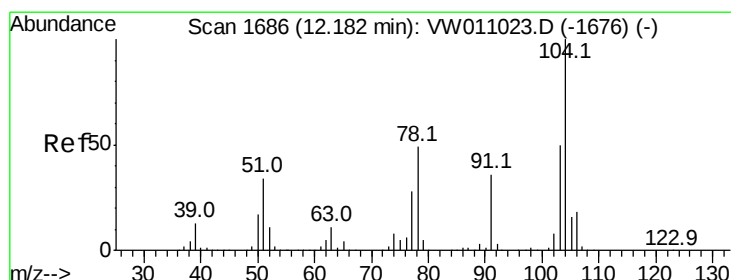
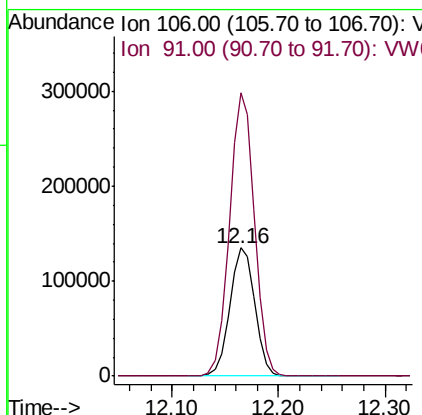
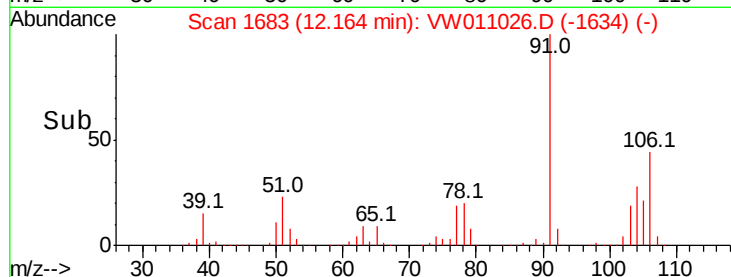
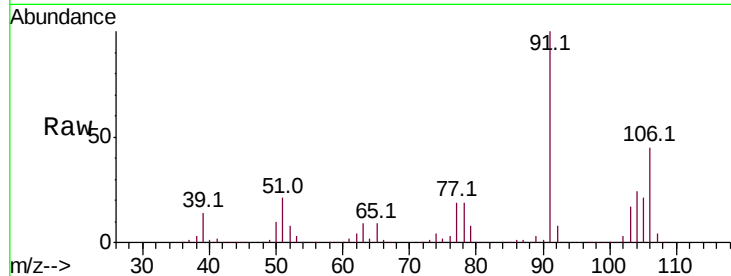
#69
o-Xylene
Concen: 50.493 ug/l
RT: 12.16 min Scan# 1683
Delta R.T. 0.00 min
Lab File: VW011026.D
Acq: 27 Jun 2019 18:37

Instrument :
MSVOA_W
ClientSampleId :
ICVW062819

Tot Ion:106 Resp: 22232
Ion Ratio Lower Upper
106 100
91 219.4 110.8 332.3

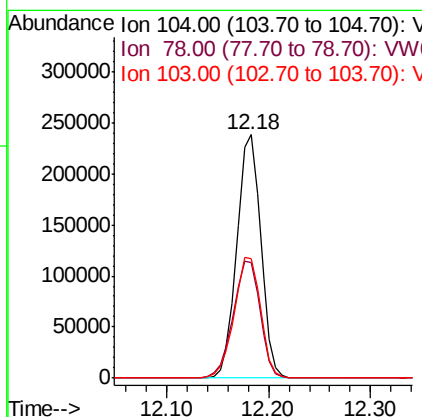
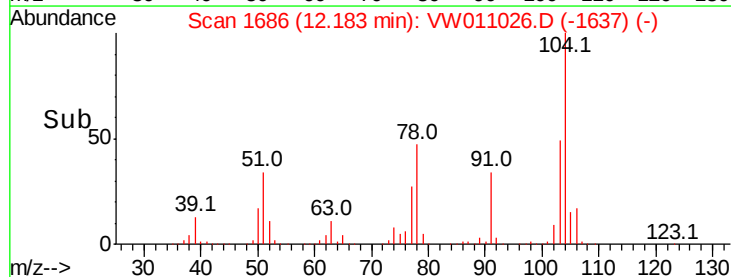
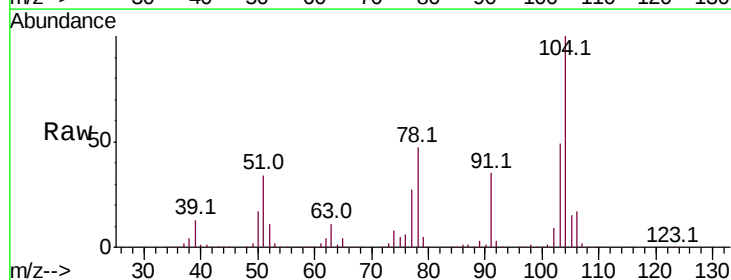
Manual Integrations
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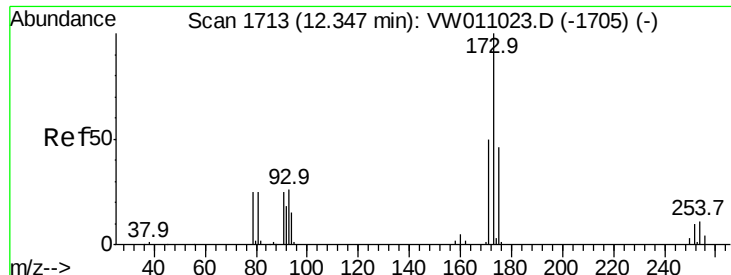
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#70
Styrene
Concen: 50.572 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. 0.00 min
Lab File: VW011026.D
Acq: 27 Jun 2019 18:37

Tgt Ion:104 Resp: 386775
Ion Ratio Lower Upper
104 100
78 53.7 43.7 65.5
103 54.6 43.9 65.9





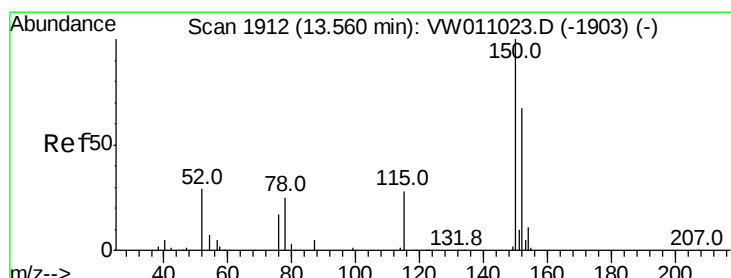
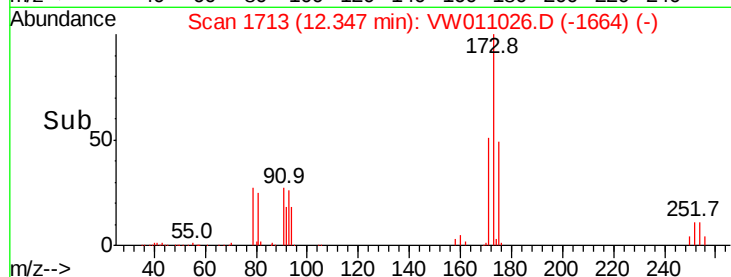
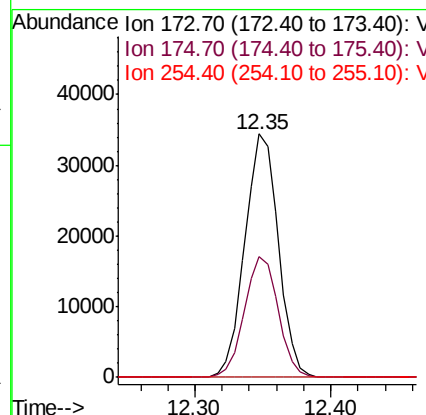
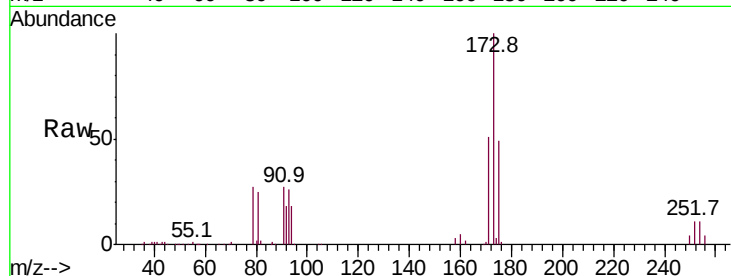
#71
Bromoform
Concen: 52.723 ug/l
RT: 12.35 min Scan# 1713
Delta R.T. 0.00 min
Lab File: VW011026.D
Acq: 27 Jun 2019 18:37

Instrument :
MSVOA_W
ClientSampleId :
ICVW062819

Tot Ion	Ratio	Lower	Upper
173	100		
175	49.7	24.1	72.2
254	0.0	0.0	0.0

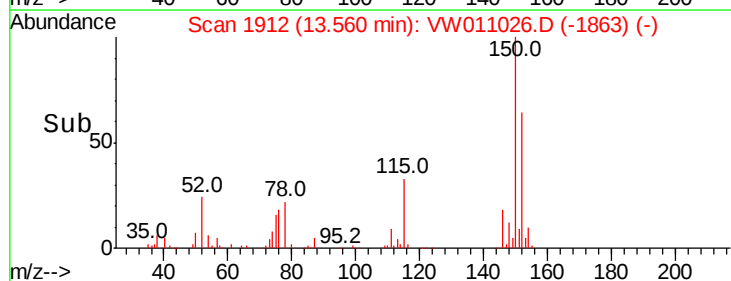
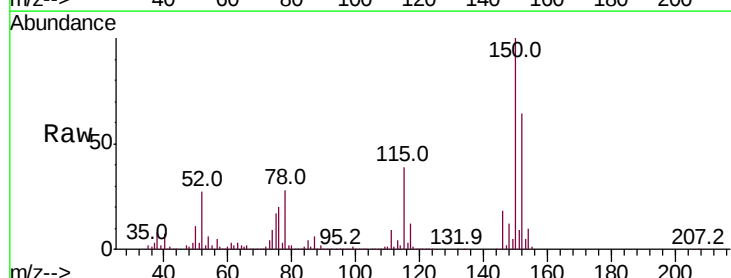
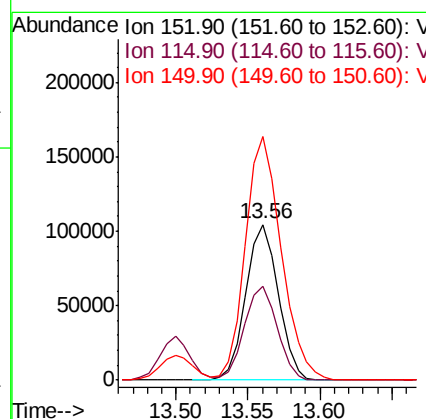
Manual Integrations
APPROVED

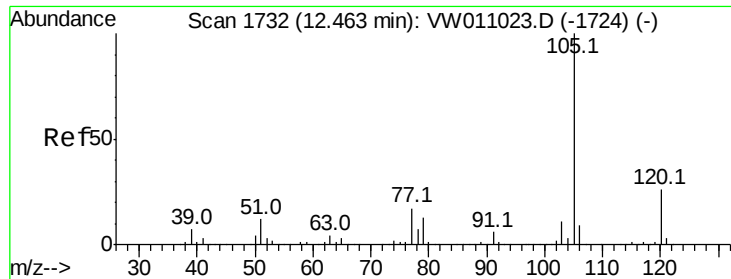
MMDadoda
6/28/2019 10:25:17 AM



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. 0.00 min
Lab File: VW011026.D
Acq: 27 Jun 2019 18:37

Tgt Ion	Ratio	Lower	Upper
152	100		
115	61.3	30.7	92.1
150	173.2	0.0	341.8





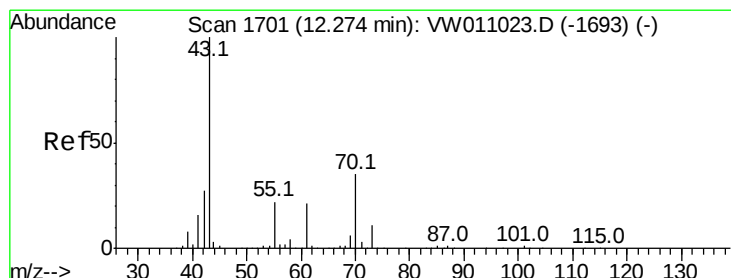
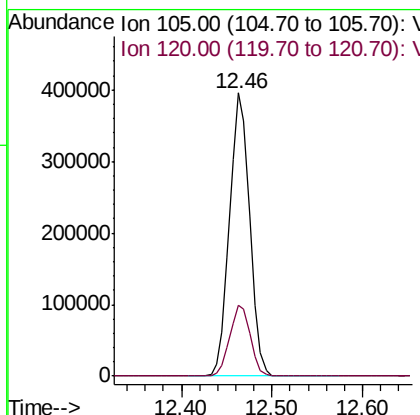
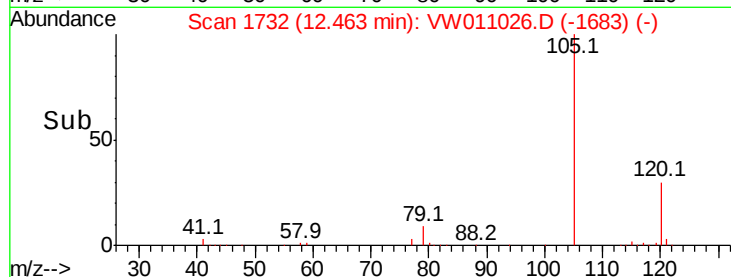
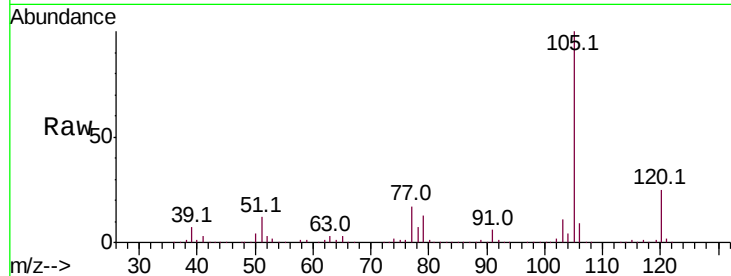
#73
Isopropylbenzene
Concen: 49.871 ug/l
RT: 12.46 min Scan# 1732
Delta R.T. 0.00 min
Lab File: VW011026.D
Acq: 27 Jun 2019 18:37

Instrument :
MSVOA_W
ClientSampleId :
ICVW062819

Tot Ion: 105 Resp: 610302
Ion Ratio Lower Upper
105 100
120 25.6 12.9 38.6

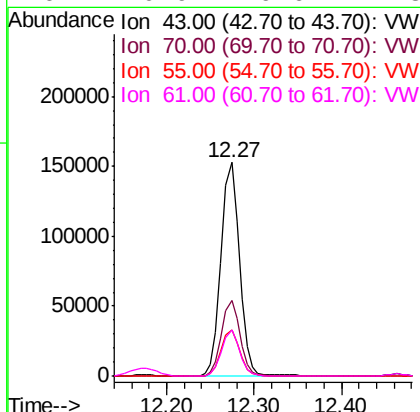
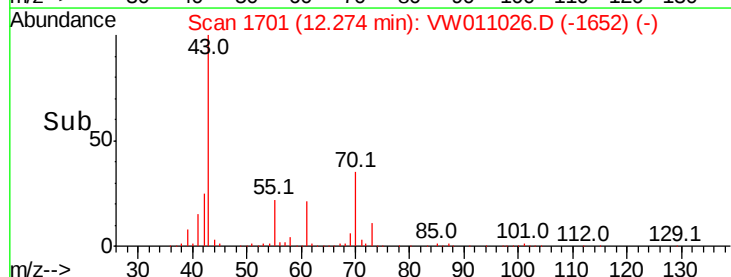
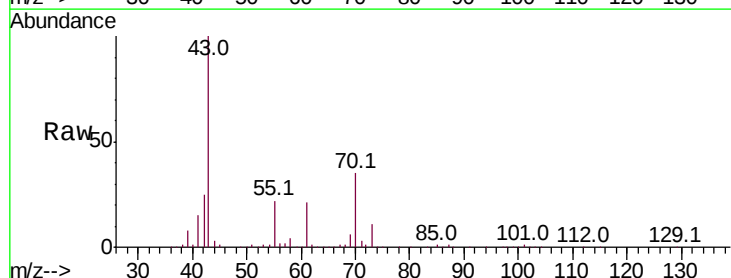
Manual Integrations
APPROVED

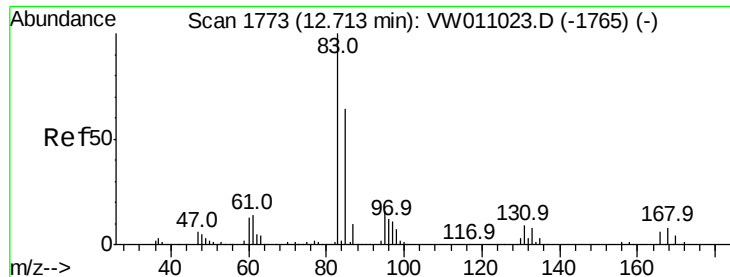
MMDadoda
6/28/2019 10:25:17 AM



#74
N-ethyl acetate
Concen: 54.417 ug/l
RT: 12.27 min Scan# 1701
Delta R.T. 0.00 min
Lab File: VW011026.D
Acq: 27 Jun 2019 18:37

Tgt Ion: 43 Resp: 223643
Ion Ratio Lower Upper
43 100
70 35.5 28.2 42.4
55 22.0 17.8 26.8
61 20.9 16.6 24.8





#75

1,1,2,2-Tetrachloroethane

Concen: 50.545 ug/l

RT: 12.71 min Scan# 1773

Delta R.T. 0.00 min

Lab File: VW011026.D

Acq: 27 Jun 2019 18:37

Instrument :

MSVOA_W

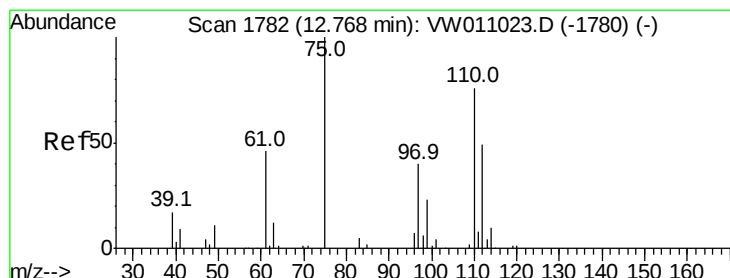
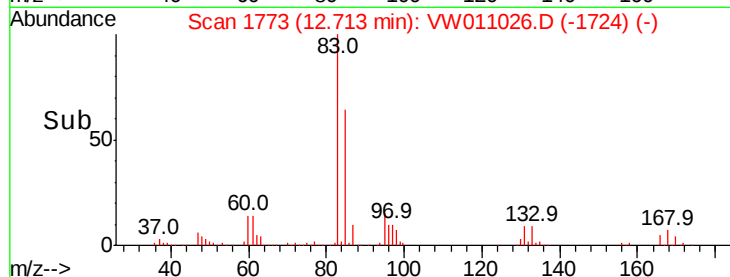
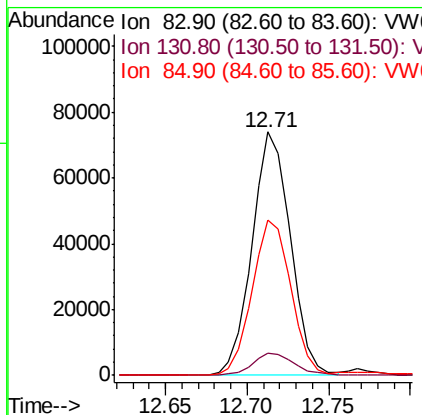
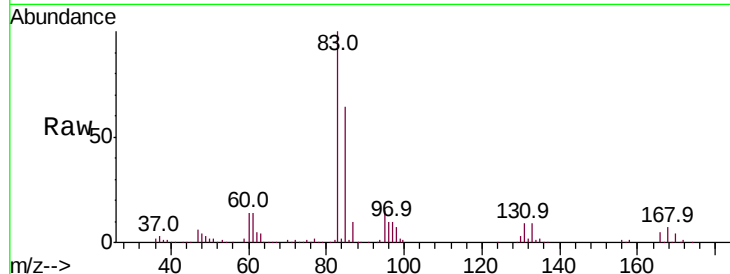
ClientSampleId :

ICVW062819

Tot Ion:	83	Resp:	121466
Ion Ratio	Lower	Upper	
83	100		
131	10.0	5.0	14.9
85	64.6	31.8	95.4

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#76

1,2,3-Trichloropropane

Concen: 50.314 ug/l m

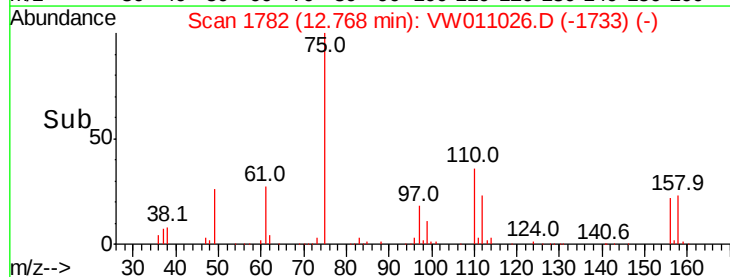
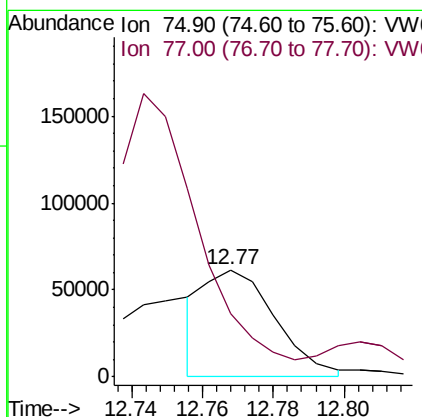
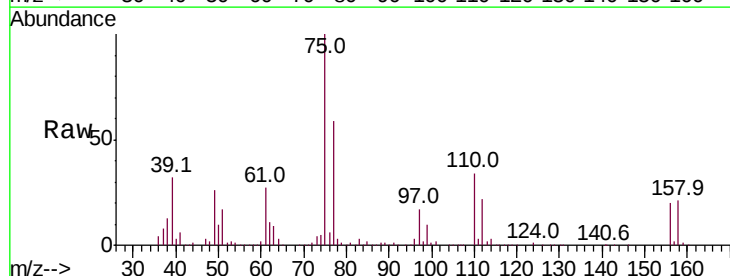
RT: 12.77 min Scan# 1782

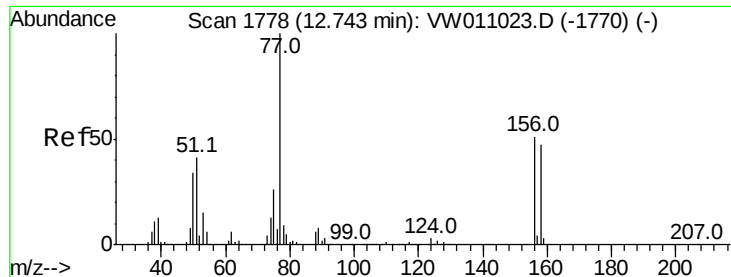
Delta R.T. 0.00 min

Lab File: VW011026.D

Acq: 27 Jun 2019 18:37

Tgt Ion:	75	Resp:	86770
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 50.195 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. 0.01 min

Lab File: VW011026.D

Acq: 27 Jun 2019 18:37

Instrument :

MSVOA_W

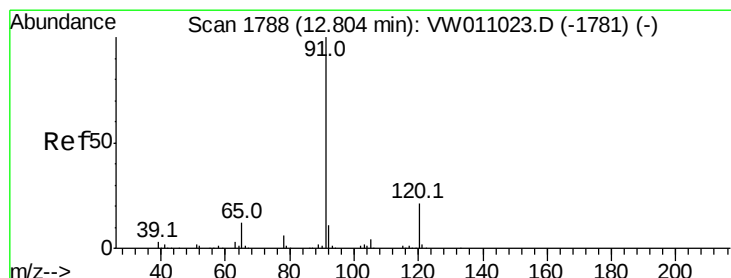
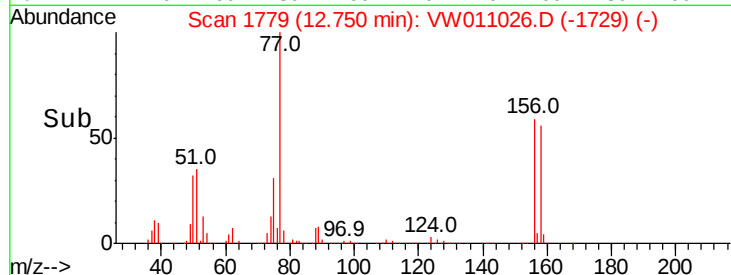
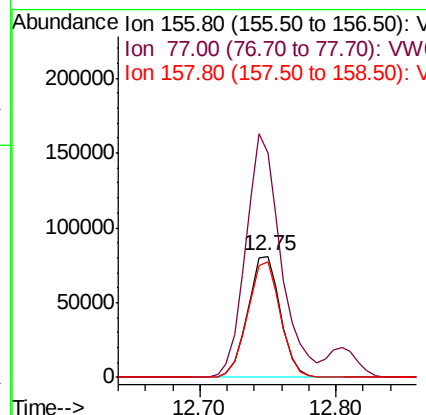
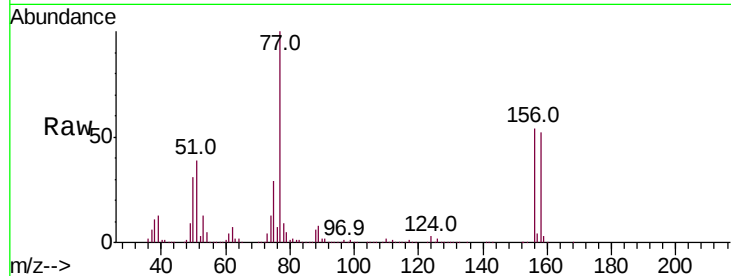
ClientSampleId :

ICVW062819

Tot Ion:	156	Resp:	135017
Ion Ratio	Lower	Upper	
156	100		
77	216.7	109.5	328.5
158	96.0	48.6	145.9

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#78

n-propylbenzene

Concen: 49.806 ug/l

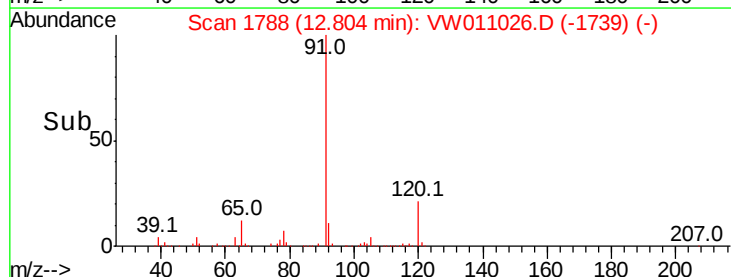
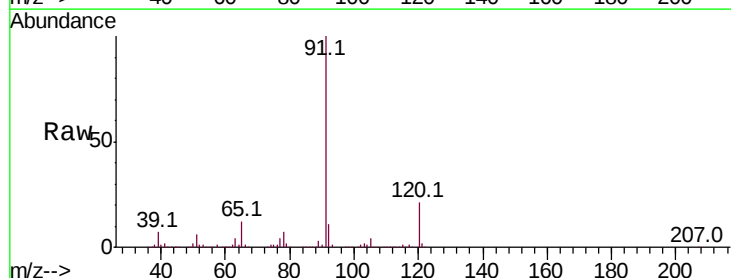
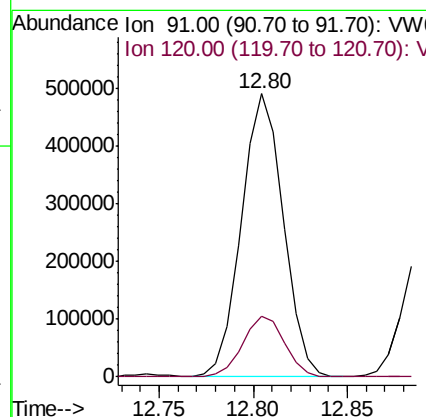
RT: 12.80 min Scan# 1788

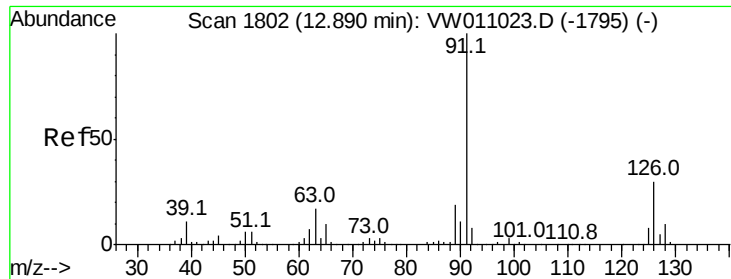
Delta R.T. 0.00 min

Lab File: VW011026.D

Acq: 27 Jun 2019 18:37

Tgt Ion:	91	Resp:	754771
Ion Ratio	Lower	Upper	
91	100		
120	21.5	10.5	31.6





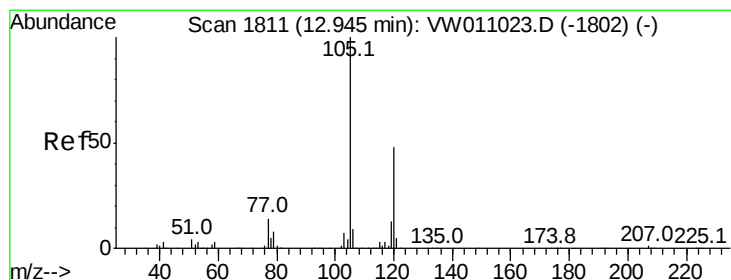
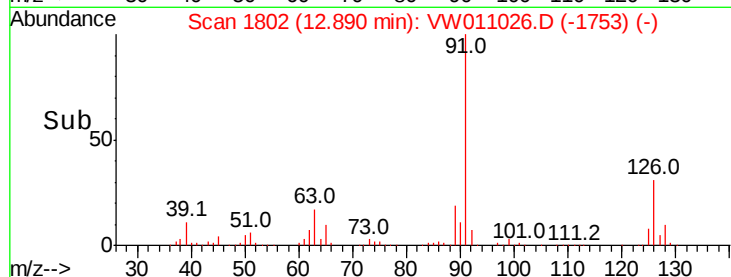
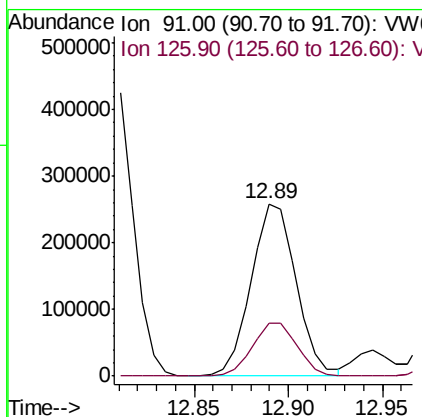
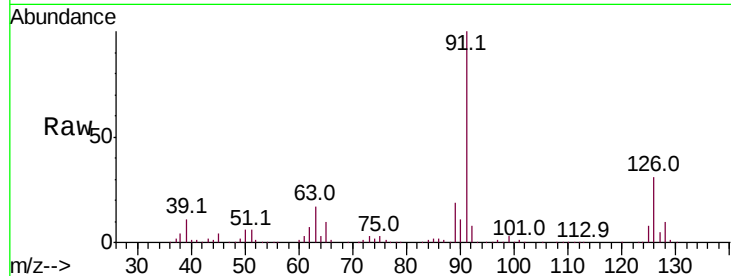
#79
2-Chlorotoluene
Concen: 49.383 ug/l
RT: 12.89 min Scan# 1802
Delta R.T. 0.00 min
Lab File: VW011026.D
Acq: 27 Jun 2019 18:37

Instrument :
MSVOA_W
ClientSampleId :
ICVW062819

Tot Ion: 91 Resp: 427547
Ion Ratio Lower Upper
91 100
126 31.0 15.4 46.4

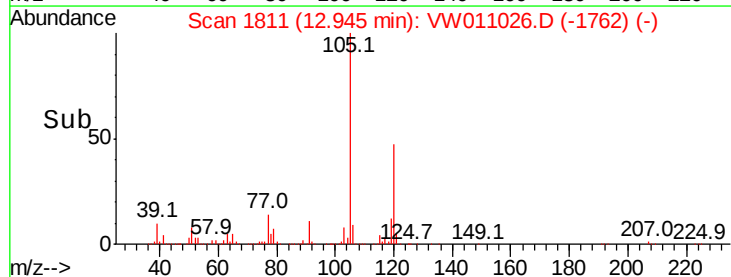
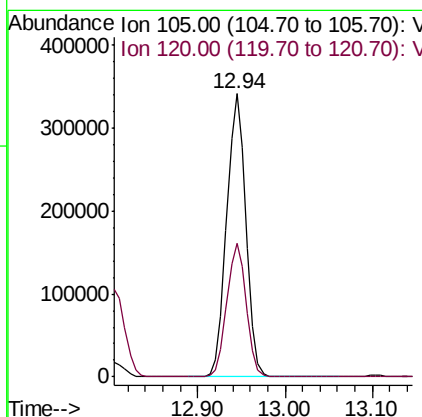
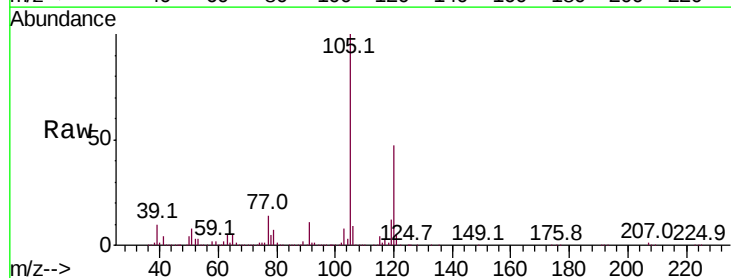
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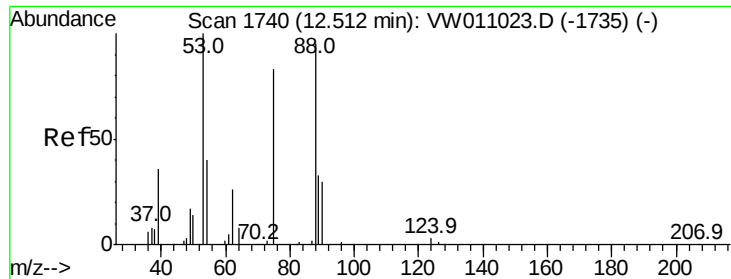
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#80
1,3,5-Trimethylbenzene
Concen: 50.188 ug/l
RT: 12.94 min Scan# 1811
Delta R.T. 0.00 min
Lab File: VW011026.D
Acq: 27 Jun 2019 18:37

Tgt Ion:105 Resp: 520558
Ion Ratio Lower Upper
105 100
120 47.4 23.8 71.5





#81

trans-1,4-Dichloro-2-butene

Concen: 48.646 ug/l

RT: 12.51 min Scan# 1740

Delta R.T. 0.00 min

Lab File: VW011026.D

Acq: 27 Jun 2019 18:37

Instrument :

MSVOA_W

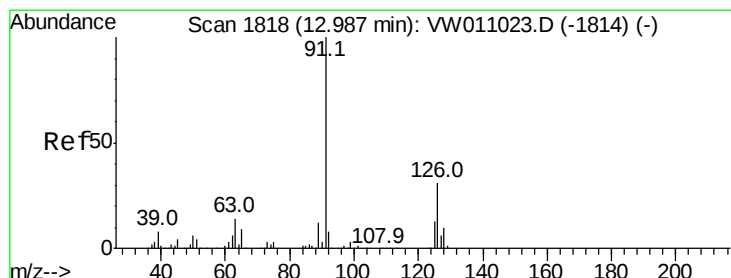
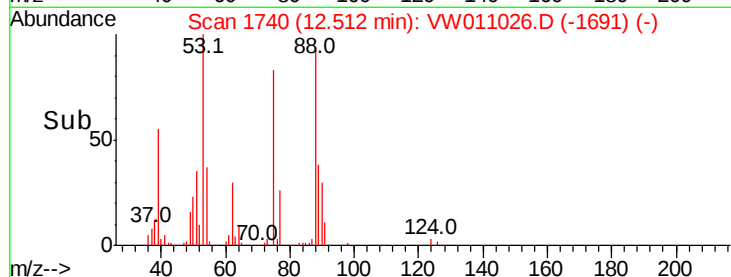
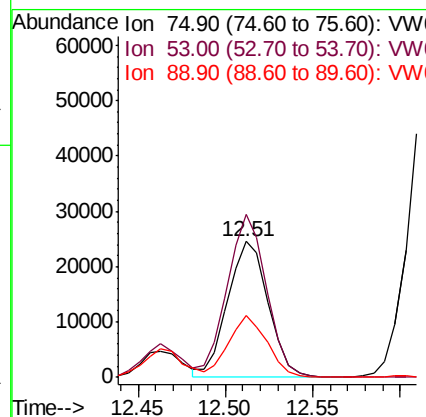
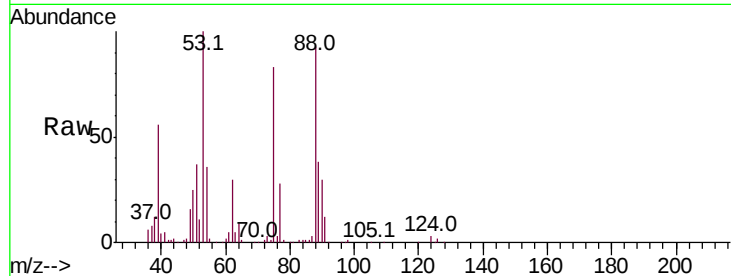
ClientSampleId :

ICVW062819

Tot Ion:	75	Resp:	39331
Ion Ratio	Lower	Upper	
75	100		
53	117.2	95.6	143.4
89	43.3	34.4	51.6

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#82

4-Chlorotoluene

Concen: 49.075 ug/l

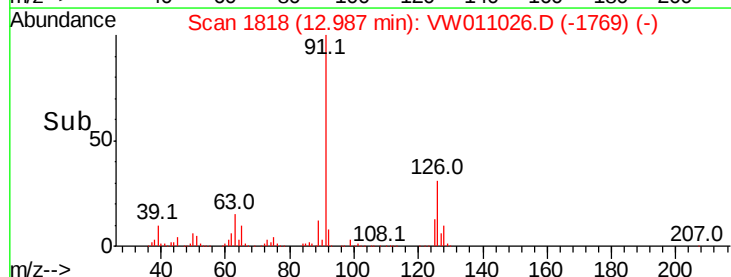
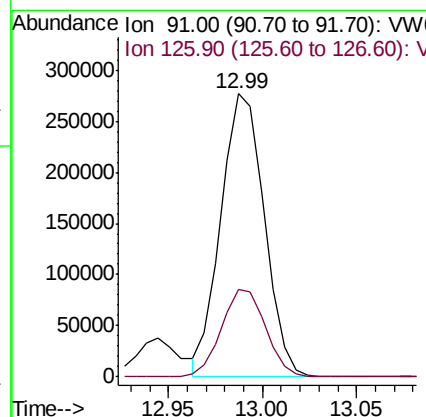
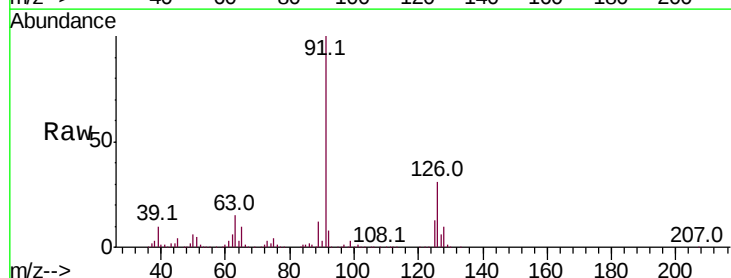
RT: 12.99 min Scan# 1818

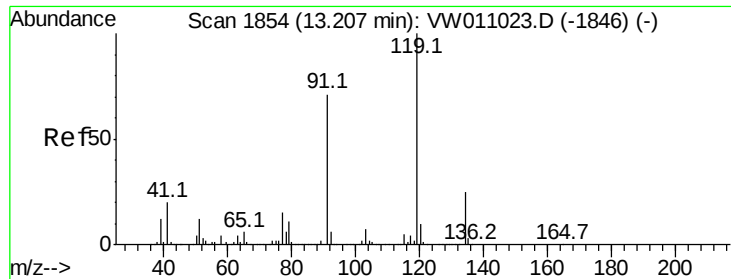
Delta R.T. 0.00 min

Lab File: VW011026.D

Acq: 27 Jun 2019 18:37

Tgt Ion:	91	Resp:	442766
Ion Ratio	Lower	Upper	
91	100		
126	31.6	15.7	47.1





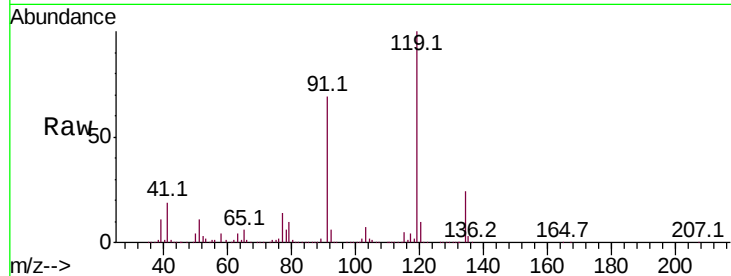
#83
tert-Butylbenzene
Concen: 50.308 ug/l
RT: 13.21 min Scan# 1854
Delta R.T. 0.00 min
Lab File: VW011026.D
Acq: 27 Jun 2019 18:37

Instrument :
MSVOA_W
ClientSampleId :
ICVW062819

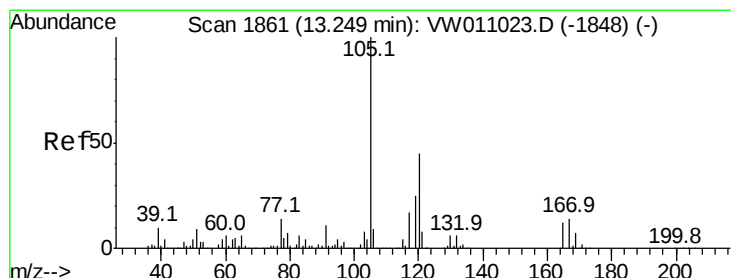
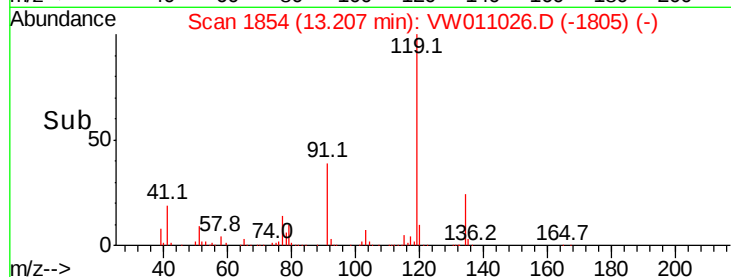
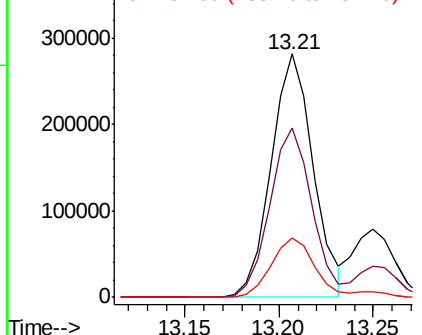
Tot Ion	Ratio	Lower	Upper
119	100		
91	69.4	35.5	106.5
134	25.1	12.4	37.2

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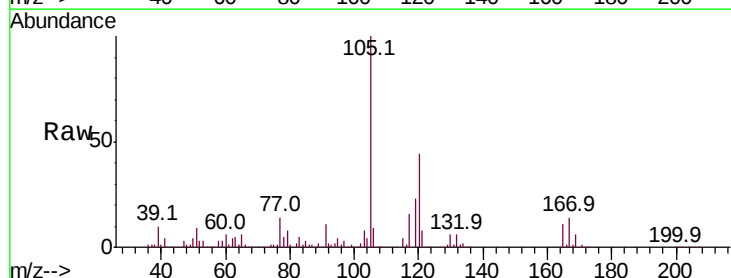


Abundance Ion 119.00 (118.70 to 119.70): V
Ion 91.00 (90.70 to 91.70): V
Ion 134.00 (133.70 to 134.70): V

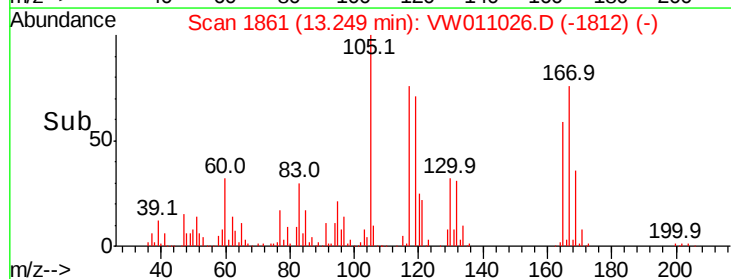
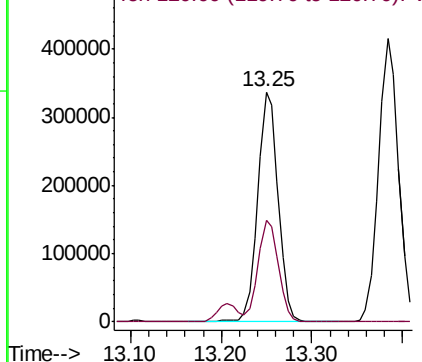


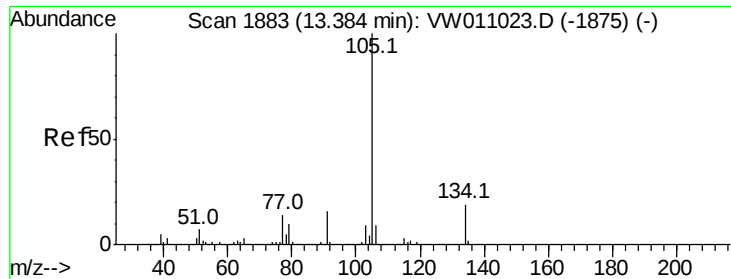
#84
1,2,4-Trimethylbenzene
Concen: 49.869 ug/l
RT: 13.25 min Scan# 1861
Delta R.T. 0.00 min
Lab File: VW011026.D
Acq: 27 Jun 2019 18:37

Tgt Ion	Ratio	Lower	Upper
105	100		
120	44.1	22.4	67.2



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V





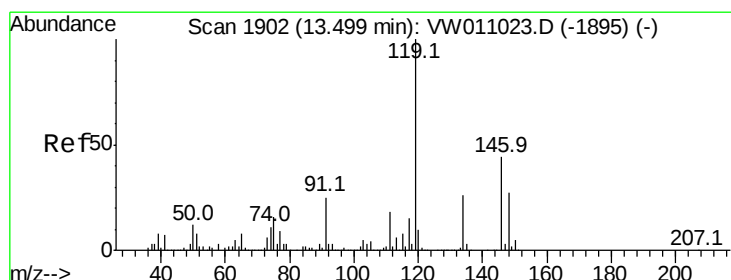
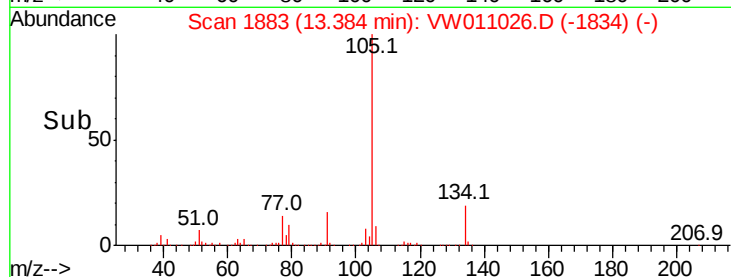
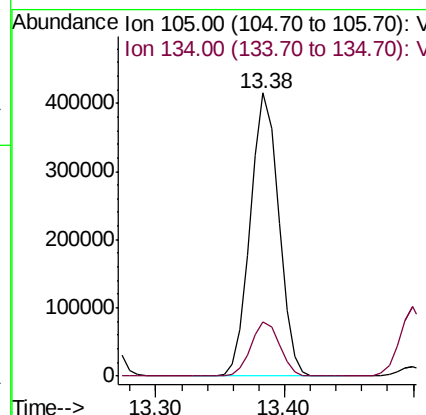
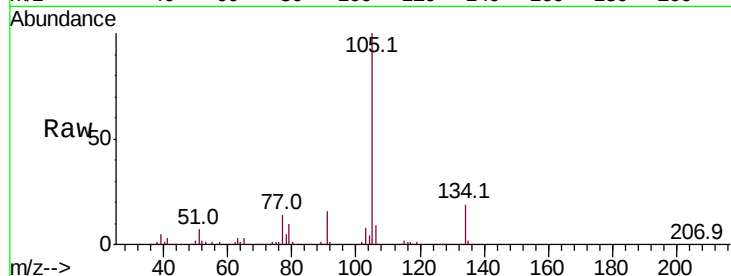
#85
 sec-Butylbenzene
 Concen: 50.195 ug/l
 RT: 13.38 min Scan# 1883
 Delta R.T. 0.00 min
 Lab File: VW011026.D
 Acq: 27 Jun 2019 18:37

Instrument :
 MSVOA_W
 ClientSampleId :
 ICVVW062819

Tot Ion	Ratio	Lower	Upper
105	100		
134	19.3	9.6	28.8

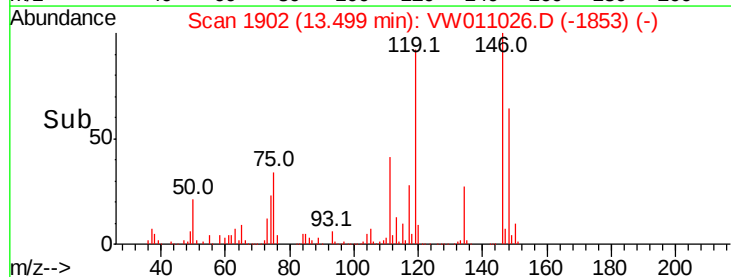
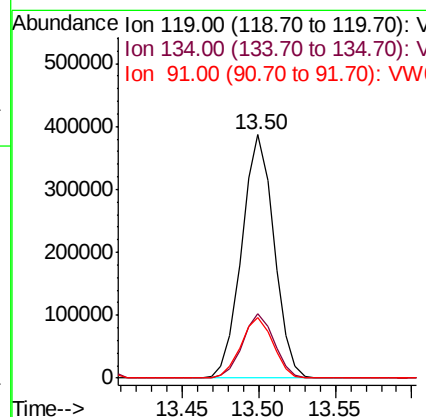
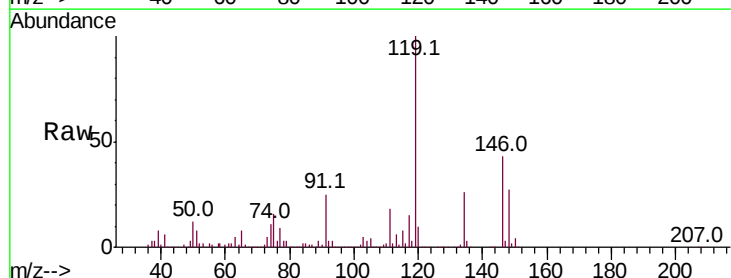
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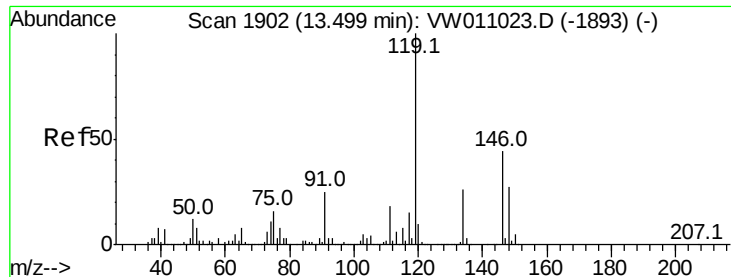
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#86
 p-Isopropyltoluene
 Concen: 50.169 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. 0.00 min
 Lab File: VW011026.D
 Acq: 27 Jun 2019 18:37

Tgt Ion	Ratio	Lower	Upper
119	100		
134	25.8	12.9	38.7
91	24.7	12.3	36.9





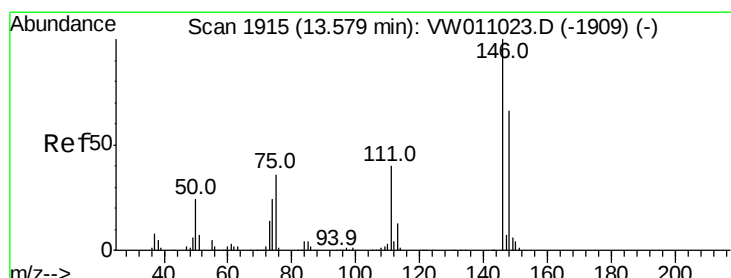
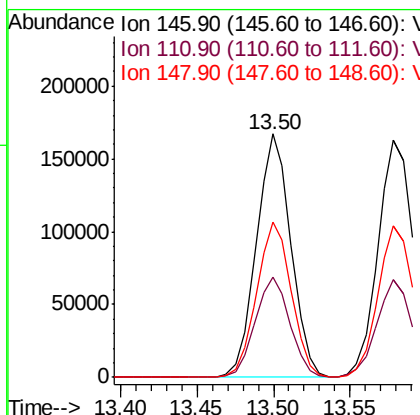
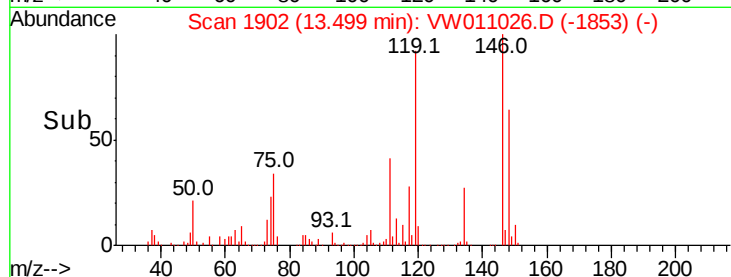
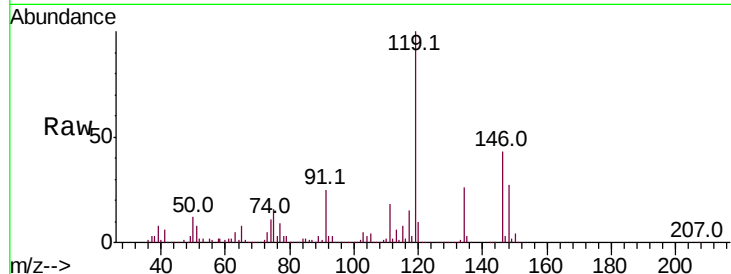
#87
 1,3-Dichlorobenzene
 Concen: 49.307 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. 0.00 min
 Lab File: VW011026.D
 Acq: 27 Jun 2019 18:37

Instrument :
 MSVOA_W
 ClientSampleId :
 ICVVW062819

Tot Ion	Ratio	Lower	Upper
146	100		
111	41.3	20.9	62.8
148	64.1	31.8	95.4

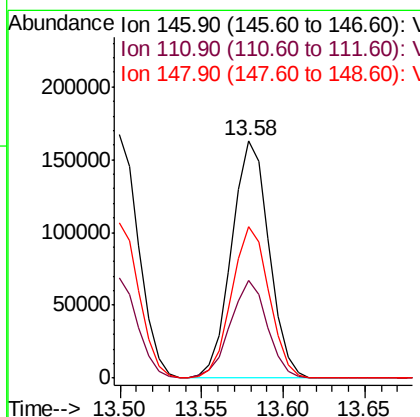
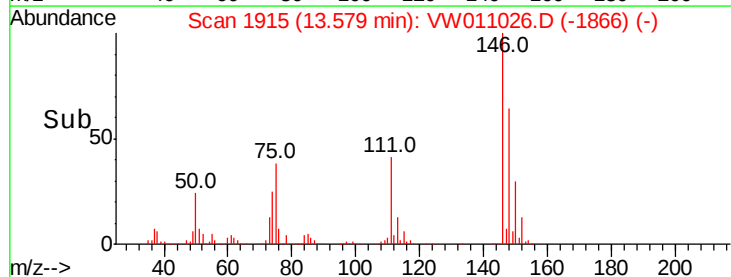
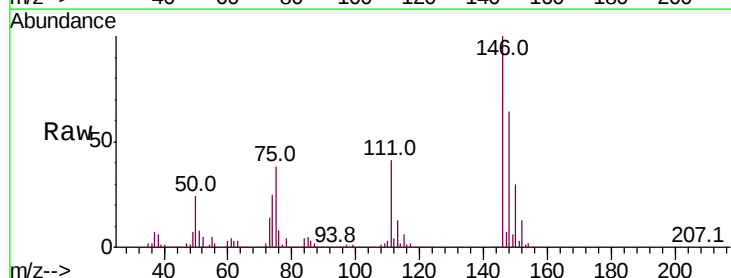
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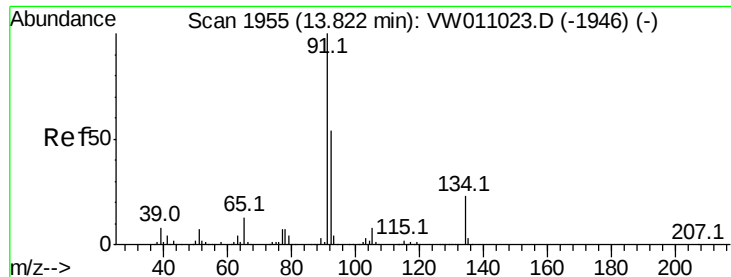
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#88
 1,4-Dichlorobenzene
 Concen: 48.961 ug/l
 RT: 13.58 min Scan# 1915
 Delta R.T. 0.00 min
 Lab File: VW011026.D
 Acq: 27 Jun 2019 18:37

Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.5	20.6	61.9
148	63.9	32.4	97.2





#89

n-Butylbenzene

Concen: 50.377 ug/l

RT: 13.82 min Scan# 1955

Delta R.T. 0.00 min

Lab File: VW011026.D

Acq: 27 Jun 2019 18:37

Instrument :

MSVOA_W

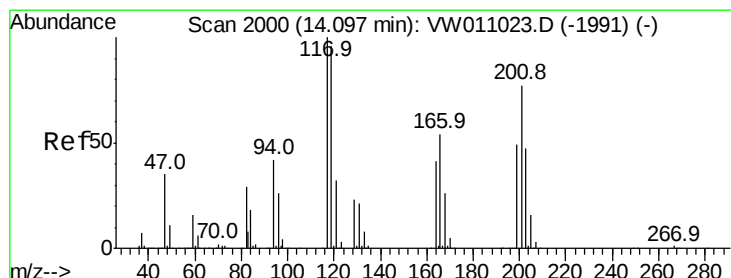
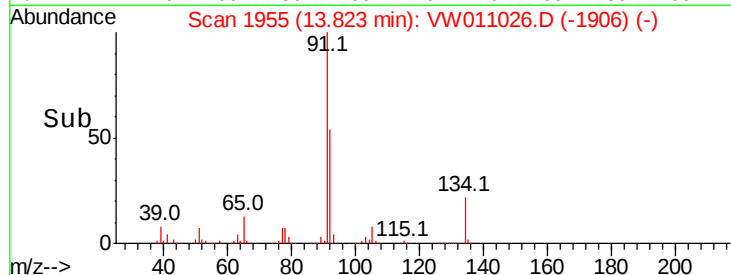
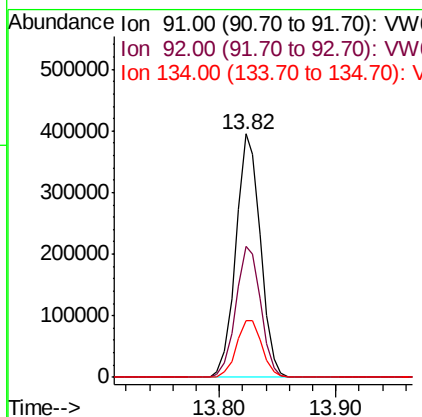
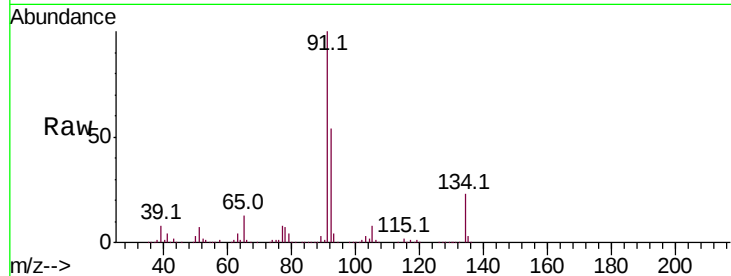
ClientSampled :

ICVW062819

Tot Ion:	91	Resp:	578950
Ion	Ratio	Lower	Upper
91	100		
92	54.5	27.1	81.2
134	24.1	12.0	36.1

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#90

Hexachloroethane

Concen: 50.966 ug/l

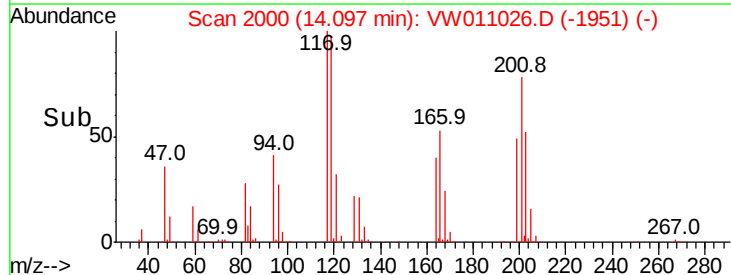
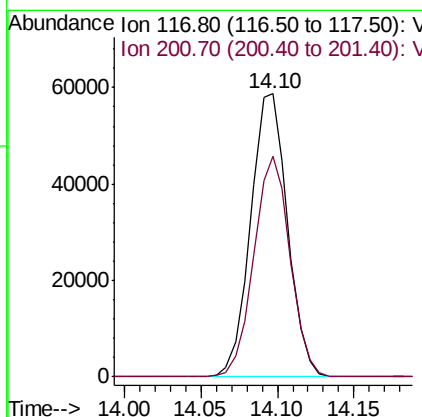
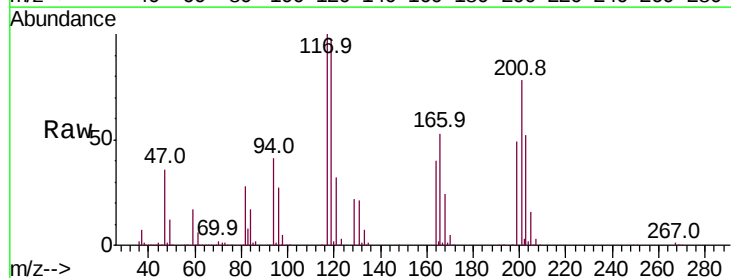
RT: 14.10 min Scan# 2000

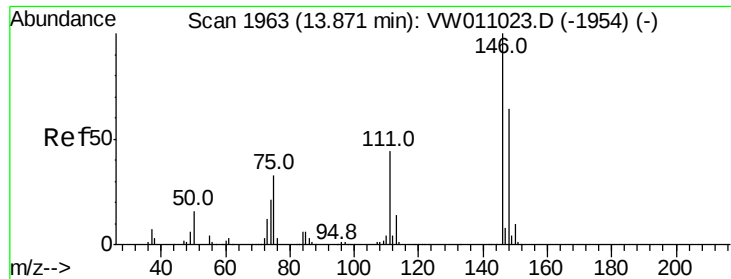
Delta R.T. 0.00 min

Lab File: VW011026.D

Acq: 27 Jun 2019 18:37

Tgt Ion:	117	Resp:	98601
Ion	Ratio	Lower	Upper
117	100		
201	76.4	38.0	114.0





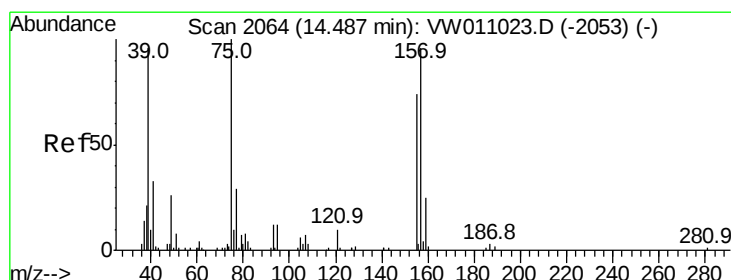
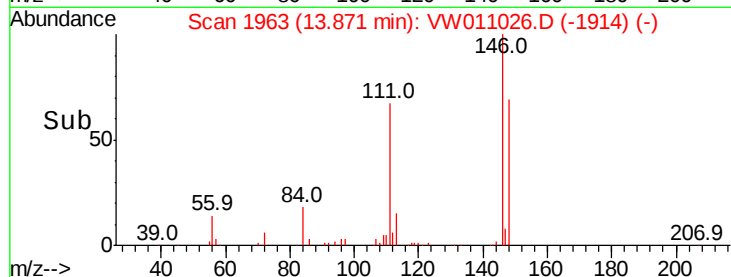
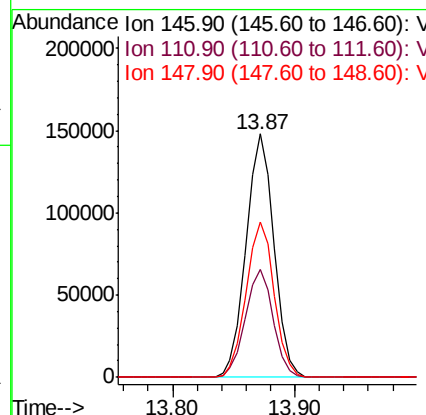
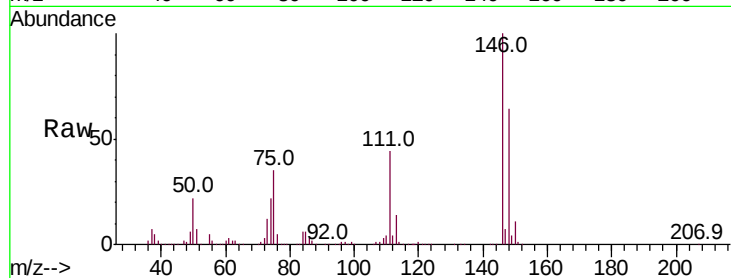
#91
 1,2-Dichlorobenzene
 Concen: 48.935 ug/l
 RT: 13.87 min Scan# 1963
 Delta R.T. 0.00 min
 Lab File: VW011026.D
 Acq: 27 Jun 2019 18:37

Instrument :
 MSVOA_W
 ClientSampleId :
 ICVVW062819

Tot Ion	Ratio	Lower	Upper
146	100		
111	44.1	21.4	64.3
148	64.4	31.8	95.3

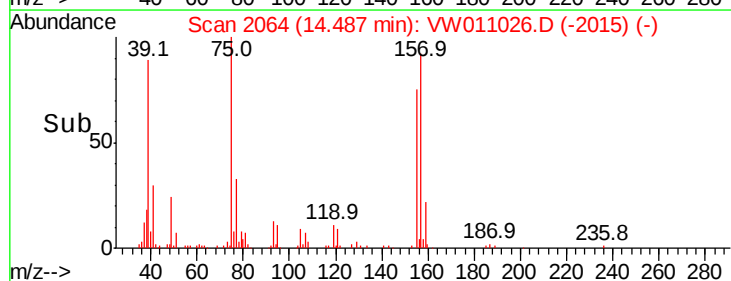
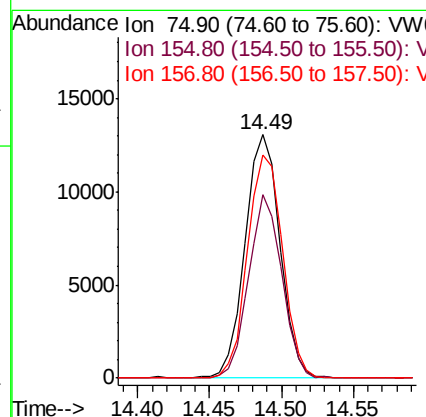
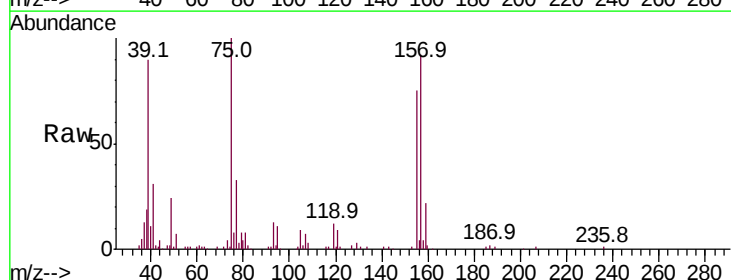
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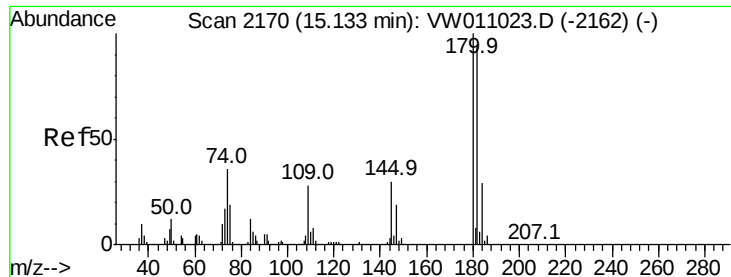
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 53.780 ug/l
 RT: 14.49 min Scan# 2064
 Delta R.T. 0.00 min
 Lab File: VW011026.D
 Acq: 27 Jun 2019 18:37

Tgt Ion	Ratio	Lower	Upper
75	100		
155	71.2	37.0	110.9
157	91.9	45.9	137.7





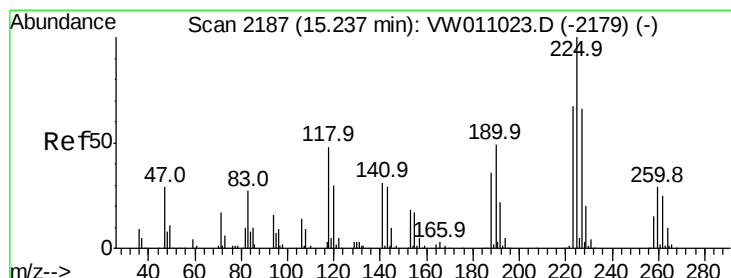
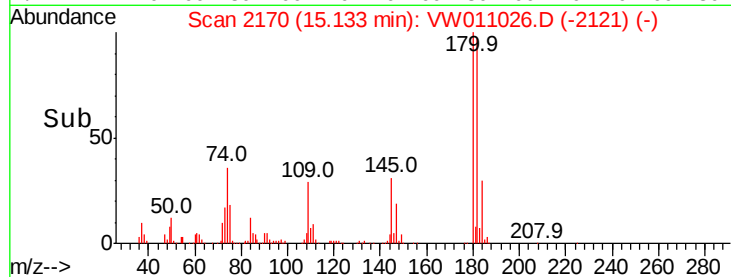
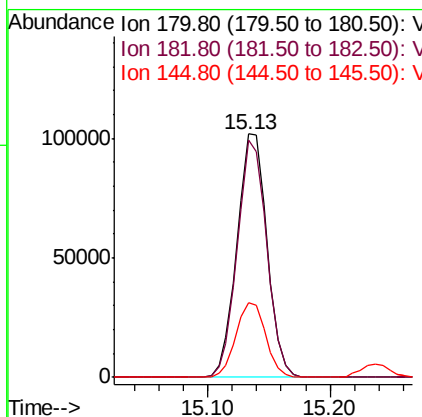
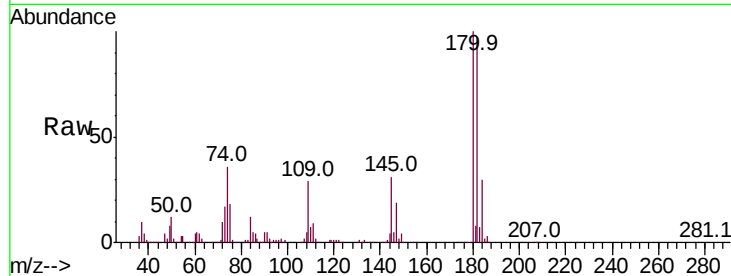
#93
 1,2,4-Trichlorobenzene
 Concen: 51.583 ug/l
 RT: 15.13 min Scan# 2170
 Delta R.T. 0.00 min
 Lab File: VW011026.D
 Acq: 27 Jun 2019 18:37

Instrument :
 MSVOA_W
 ClientSampleId :
 ICVVW062819

Tot Ion	Ratio	Resp	Lower	Upper
180	100			
182	95.3	47.4	142.2	
145	30.6	15.3	45.8	

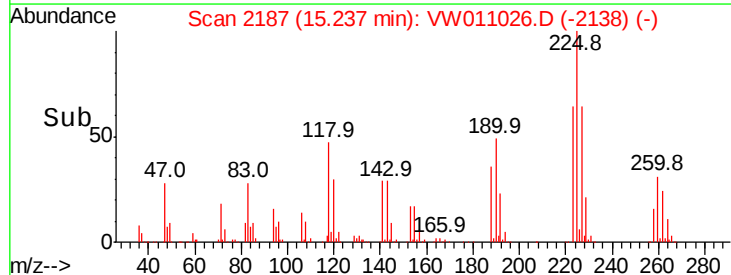
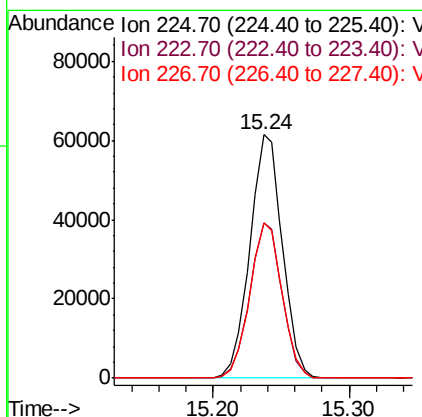
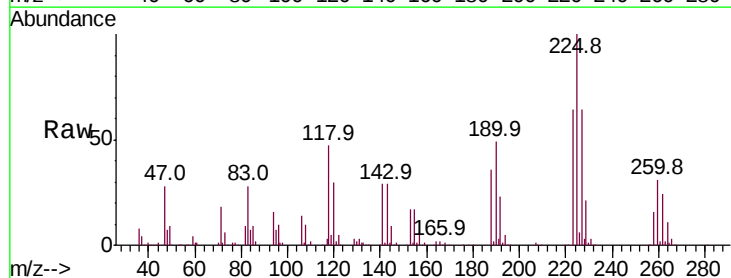
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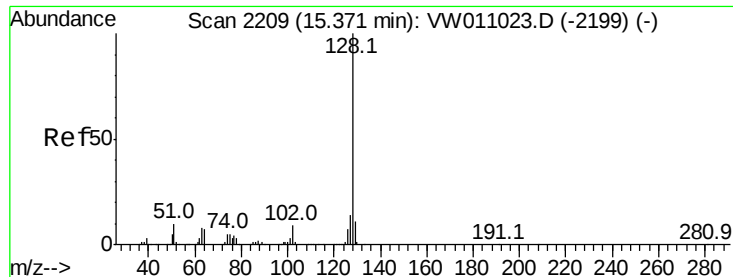
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 6/28/2019 10:25:17 AM



#94
 Hexachlorobutadiene
 Concen: 50.447 ug/l
 RT: 15.24 min Scan# 2187
 Delta R.T. 0.00 min
 Lab File: VW011026.D
 Acq: 27 Jun 2019 18:37

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	63.4	31.9	95.9	
227	63.2	31.9	95.9	





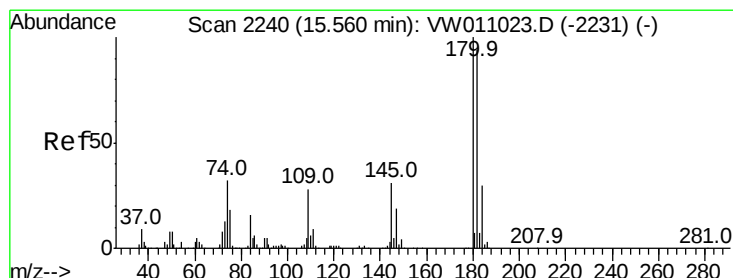
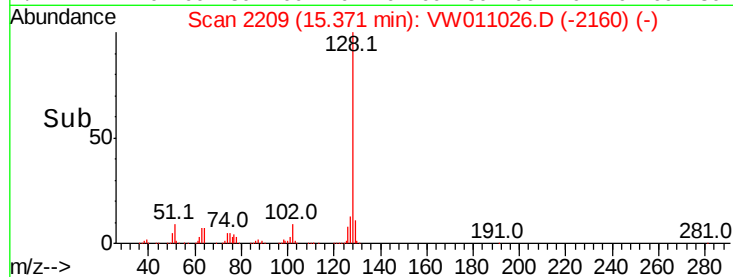
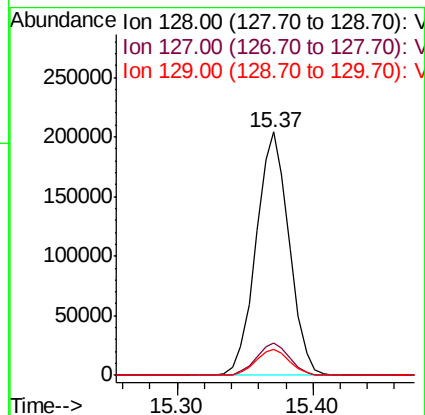
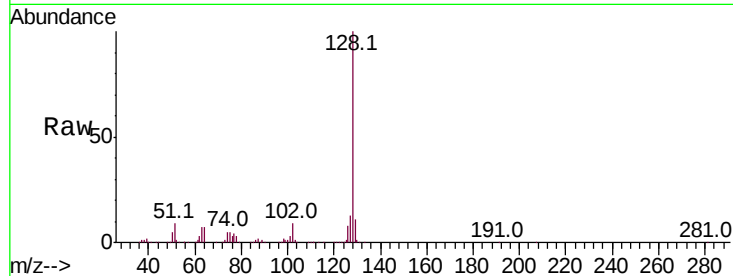
#95
Naphthalene
Concen: 55.023 ug/l
RT: 15.37 min Scan# 2209
Delta R.T. 0.00 min
Lab File: VW011026.D
Acq: 27 Jun 2019 18:37

Instrument :
MSVOA_W
ClientSampleId :
ICVW062819

Tot Ion	Ratio	Resp	Lower	Upper
128	100	347510		
127	13.3	10.7	16.1	
129	10.8	8.8	13.2	

Manual Integrations
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#96
1,2,3-Trichlorobenzene
Concen: 51.551 ug/l
RT: 15.56 min Scan# 2240
Delta R.T. 0.00 min
Lab File: VW011026.D
Acq: 27 Jun 2019 18:37

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	154770		
182	94.1	47.9	143.7	
145	32.3	16.1	48.2	

