

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW091419\
 Data File : VW012958.D
 Acq On : 13 Sep 2019 16:55
 Operator : SY/VA
 Sample : VSTDICV050
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 ICVVW091419

Manual Integrations
 APPROVED

MMDadoda
 9/16/2019 12:43:46 AM

Quant Time: Sep 13 17:31:08 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W091419S.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 13 17:26:01 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	299713	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	439865	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	374851	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.55	152	188233	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.30	65	140137	50.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.26%	
35) Dibromofluoromethane	7.88	113	119354	50.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.02%	
50) Toluene-d8	10.32	98	478825	51.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.54%	
62) 4-Bromofluorobenzene	12.62	95	164503	48.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.96%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	58241	50.845	ug/l	88
3) Chloromethane	2.21	50	70552	48.802	ug/l	99
4) Vinyl Chloride	2.35	62	94773	44.178	ug/l	98
5) Bromomethane	2.77	94	58535	44.681	ug/l	98
6) Chloroethane	2.92	64	61258	46.558	ug/l	98
7) Trichlorofluoromethane	3.25	101	69952	46.630	ug/l	94
8) Diethyl Ether	3.67	74	54241	46.305	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.06	101	104374	45.873	ug/l	98
10) Methyl Iodide	4.26	142	133040	46.722	ug/l	99
11) Tert butyl alcohol	5.16	59	44492	236.994	ug/l	99
12) 1,1-Dichloroethene	4.03	96	97504	47.131	ug/l	96
13) Acrolein	3.89	56	50978	249.813	ug/l	97
14) Allyl chloride	4.66	41	189119	48.153	ug/l	99
15) Acrylonitrile	5.36	53	145041	242.432	ug/l	99
16) Acetone	4.11	43	169954	285.752	ug/l	100
17) Carbon Disulfide	4.37	76	184378	44.722	ug/l	96
18) Methyl Acetate	4.66	43	70675	44.815	ug/l	99
19) Methyl tert-butyl Ether	5.42	73	198436	48.592	ug/l	96
20) Methylene Chloride	4.90	84	107154	47.675	ug/l	93
21) trans-1,2-Dichloroethene	5.42	96	102291	46.165	ug/l	98
22) Diisopropyl ether	6.30	45	397106	48.671	ug/l	98
23) Vinyl Acetate	6.24	43	1226478	250.979	ug/l	100
24) 1,1-Dichloroethane	6.21	63	220378	46.847	ug/l	99
25) 2-Butanone	7.17	43	216764	246.273	ug/l	99
26) 2,2-Dichloropropane	7.16	77	148551	49.735	ug/l	99
27) cis-1,2-Dichloroethene	7.16	96	125528	47.320	ug/l	99
28) Bromochloromethane	7.51	49	99758	50.383	ug/l	100
29) Tetrahydrofuran	7.52	42	123785	246.825	ug/l	99
30) Chloroform	7.67	83	221208	46.279	ug/l	100
31) Cyclohexane	7.95	56	173381	49.014	ug/l	96
32) 1,1,1-Trichloroethane	7.87	97	183415	46.596	ug/l	98
36) 1,1-Dichloropropene	8.08	75	160074	45.541	ug/l	100
37) Ethyl Acetate	7.24	43	87280	46.782	ug/l	99
38) Carbon Tetrachloride	8.07	117	165729	46.010	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	177019	45.960	ug/l	98
40) Benzene	8.32	78	451380	46.001	ug/l	100
41) Methacrylonitrile	7.48	41	60207	49.004	ug/l	94
42) 1,2-Dichloroethane	8.40	62	154463	46.959	ug/l	99
43) Isopropyl Acetate	8.42	43	174019	48.579	ug/l	100
44) Trichloroethene	9.09	130	121023	45.028	ug/l	97
45) 1,2-Dichloropropane	9.37	63	122900	47.142	ug/l	100
46) Dibromomethane	9.46	93	58400	46.757	ug/l	99
47) Bromodichloromethane	9.64	83	168094	47.979	ug/l	98
48) Methyl methacrylate	9.43	41	81474	48.463	ug/l	99
49) 1,4-Dioxane	9.45	88	18836	900.002	ug/l	96
51) 4-Methyl-2-Pentanone	10.21	43	447783	242.126	ug/l	100
52) Toluene	10.38	92	292889	46.973	ug/l	98
53) t-1,3-Dichloropropene	10.60	75	169158	48.008	ug/l	97
54) cis-1,3-Dichloropropene	10.07	75	195542	48.503	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	90814	47.728	ug/l	97
56) Ethyl methacrylate	10.64	69	125620	49.048	ug/l	98
57) 1,3-Dichloropropane	10.93	76	160078	47.426	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.92	63	332475	241.998	ug/l	100
59) 2-Hexanone	10.96	43	322003	250.052	ug/l	99
60) Dibromochloromethane	11.13	129	109402	47.558	ug/l	98
61) 1,2-Dibromoethane	11.23	107	80342	46.287	ug/l	95
64) Tetrachloroethene	10.86	164	101995	45.738	ug/l	99
65) Chlorobenzene	11.66	112	317707	47.583	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.73	131	121869	47.629	ug/l	99
67) Ethyl Benzene	11.73	91	591258	47.947	ug/l	100
68) m/p-Xylenes	11.83	106	427207	94.832	ug/l	99
69) o-Xylene	12.16	106	204709	48.470	ug/l	100
70) Styrene	12.18	104	364071	48.459	ug/l	100
71) Bromoform	12.35	173	66301	49.330	ug/l	99
73) Isopropylbenzene	12.46	105	593171	47.543	ug/l	100
74) N-amyl acetate	12.27	43	155666	48.502	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.71	83	103543	47.251	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	85719m	51.990	ug/l	
77) Bromobenzene	12.74	156	136718	47.566	ug/l	98
78) n-propylbenzene	12.80	91	701611	47.806	ug/l	100
79) 2-Chlorotoluene	12.89	91	401479	47.587	ug/l	99
80) 1,3,5-Trimethylbenzene	12.94	105	499127	47.287	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.51	75	35801	49.257	ug/l	99
82) 4-Chlorotoluene	12.99	91	419210	47.093	ug/l	100
83) tert-Butylbenzene	13.21	119	449907	47.653	ug/l	98
84) 1,2,4-Trimethylbenzene	13.25	105	497544	47.702	ug/l	100
85) sec-Butylbenzene	13.38	105	607398	47.220	ug/l	100
86) p-Isopropyltoluene	13.49	119	560091	47.426	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	265637	46.685	ug/l	100
88) 1,4-Dichlorobenzene	13.58	146	262581	46.961	ug/l	99
89) n-Butylbenzene	13.82	91	534356	47.977	ug/l	100
90) Hexachloroethane	14.09	117	98637	46.607	ug/l	99
91) 1,2-Dichlorobenzene	13.87	146	240462	48.056	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.48	75	18644	46.481	ug/l	99

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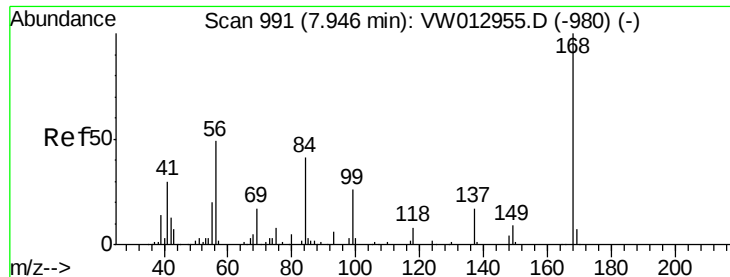
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	178371	49.985	ug/l	99
94) Hexachlorobutadiene	15.24	225	117376	46.463	ug/l	98
95) Naphthalene	15.36	128	308163	51.683	ug/l	100
96) 1,2,3-Trichlorobenzene	15.55	180	155341	49.245	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.00 min

Lab File: VW012958.D

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Instrument :

MSVOA_W

ClientSampleId :

ICVW091419

Tgt Ion:168 Resp: 299713

Ion Ratio Lower Upper

168 100

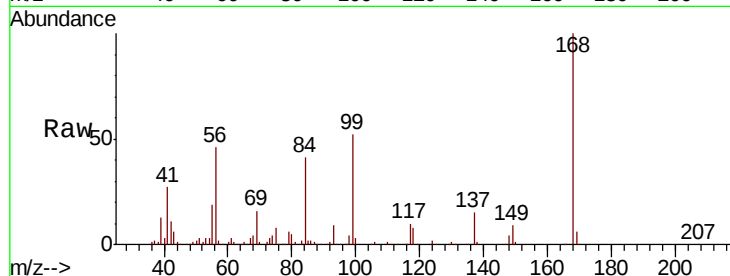
99 52.3 46.2 69.2

Manual Integrations

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9/16/2019 12:43:46 AM



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

150000

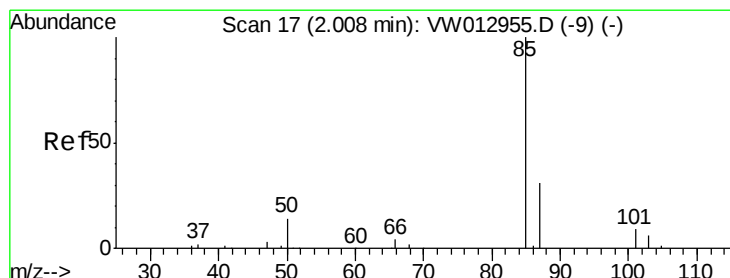
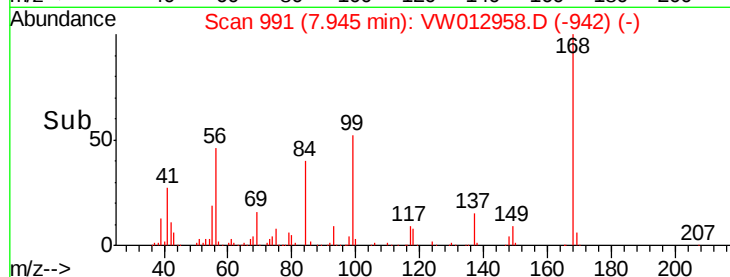
100000

50000

0

7.80 7.90 8.00

Time-->



#2

Dichlorodifluoromethane

Concen: 50.845 ug/l

RT: 2.00 min Scan# 16

Delta R.T. -0.01 min

Lab File: VW012958.D

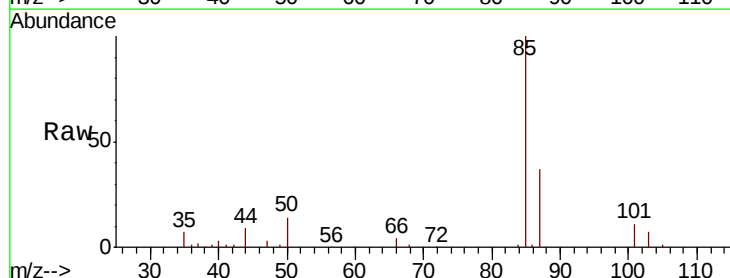
Acq: 13 Sep 2019 16:55

Tgt Ion: 85 Resp: 58241

Ion Ratio Lower Upper

85 100

87 37.2 15.4 46.4



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

20000

15000

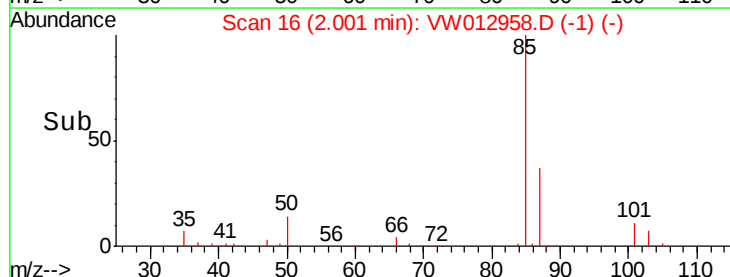
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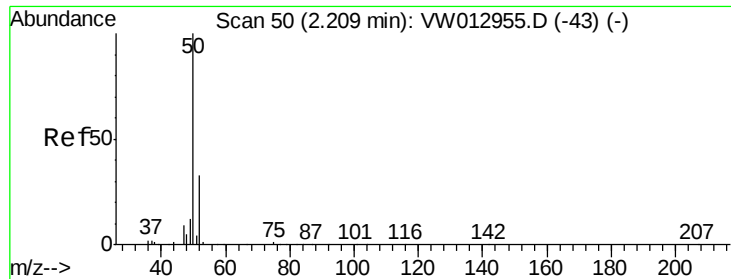
5000

0

1.90 2.00 2.10 2.20

Time-->





#3

Chloromethane

Concen: 48.802 ug/l

RT: 2.21 min Scan# 50

Delta R.T. 0.00 min

Lab File: VW012958.D

Acq: 13 Sep 2019 16:55

Instrument :

MSVOA_W

ClientSampleId :

ICVW091419

Tgt Ion: 50 Resp: 70552

Ion Ratio Lower Upper

50 100

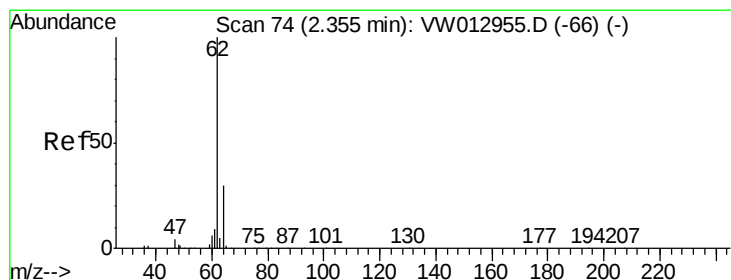
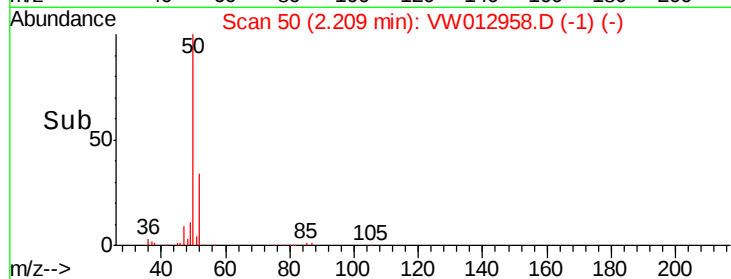
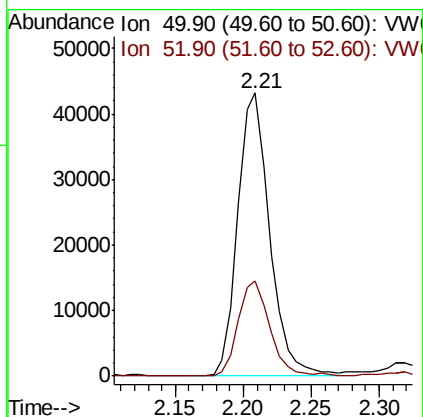
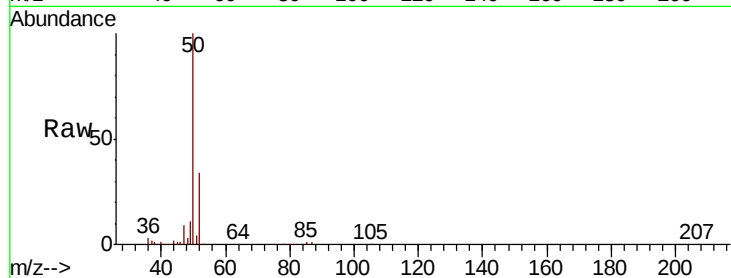
52 33.8 26.6 39.8

Manual Integrations

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#4

Vinyl Chloride

Concen: 44.178 ug/l

RT: 2.35 min Scan# 74

Delta R.T. -0.00 min

Lab File: VW012958.D

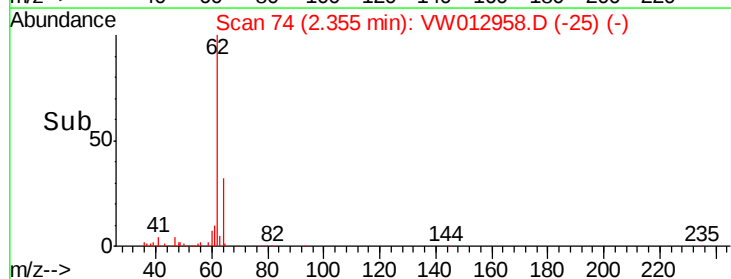
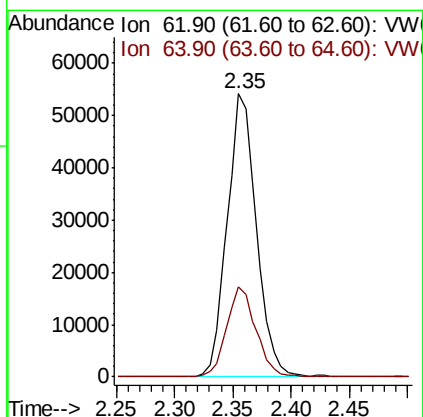
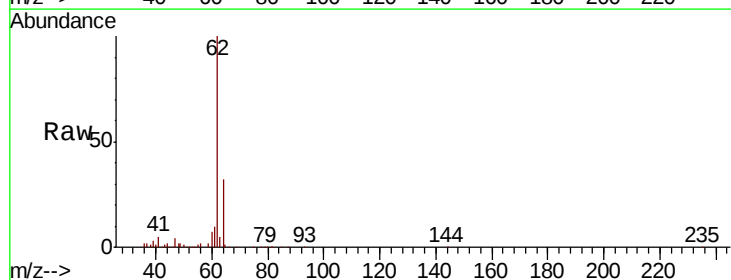
Acq: 13 Sep 2019 16:55

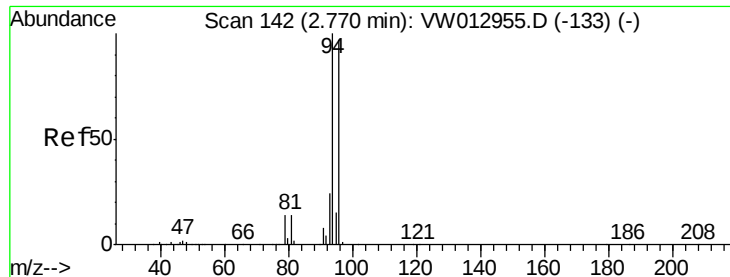
Tgt Ion: 62 Resp: 94773

Ion Ratio Lower Upper

62 100

64 31.6 24.2 36.4





#5

Bromomethane

Concen: 44.681 ug/l

RT: 2.77 min Scan# 142

Delta R.T. -0.00 min

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Acq: 13 Sep 2019 16:55

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ClientSampleId :

ICVW091419

Tgt Ion: 94 Resp: 58535

Ion Ratio Lower Upper

94 100

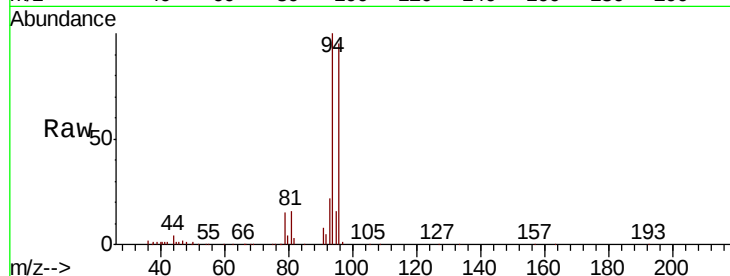
96 95.4 77.8 116.6

Manual Integrations

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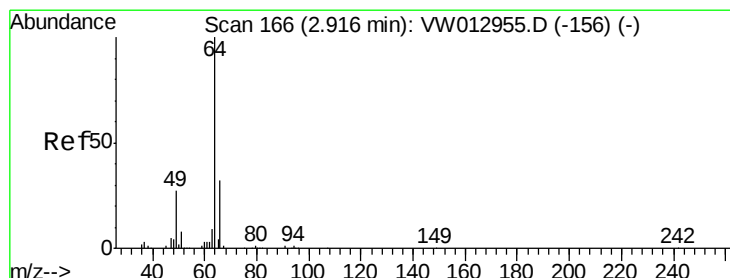
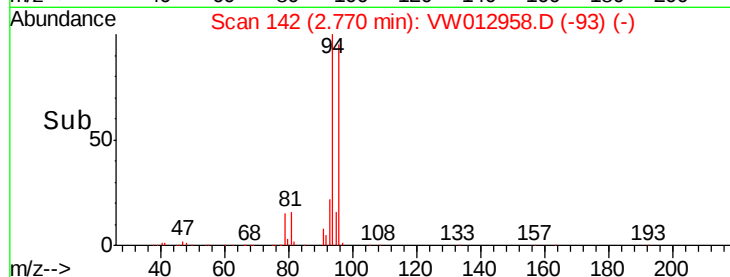
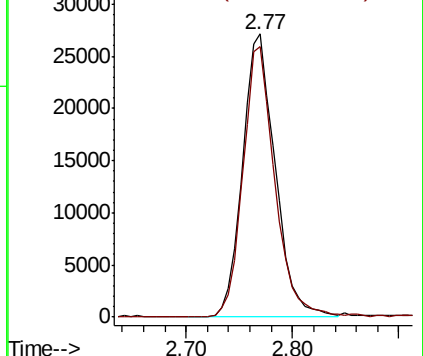
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Abundance Ion 93.90 (93.60 to 94.60): VW

Ion 95.90 (95.60 to 96.60): VW



#6

Chloroethane

Concen: 46.558 ug/l

RT: 2.92 min Scan# 166

Delta R.T. -0.00 min

Lab File: VW012958.D

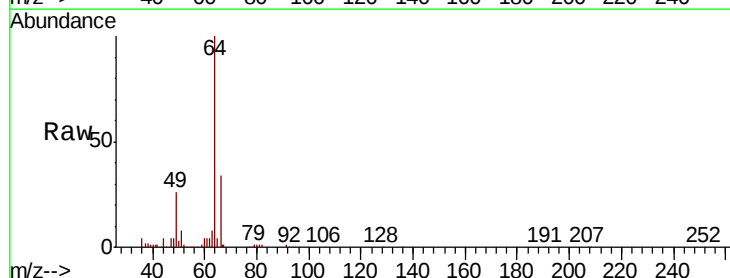
Acq: 13 Sep 2019 16:55

Tgt Ion: 64 Resp: 61258

Ion Ratio Lower Upper

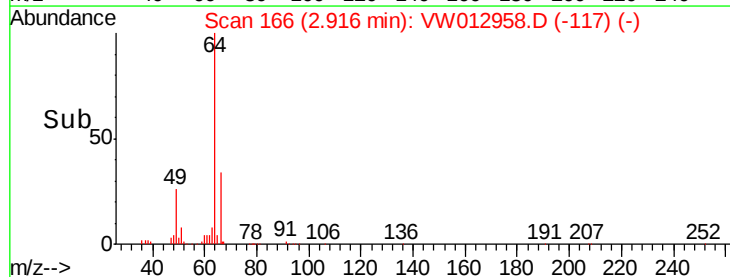
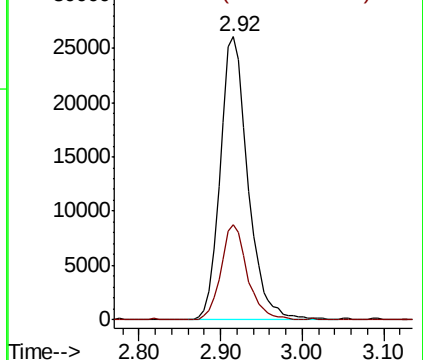
64 100

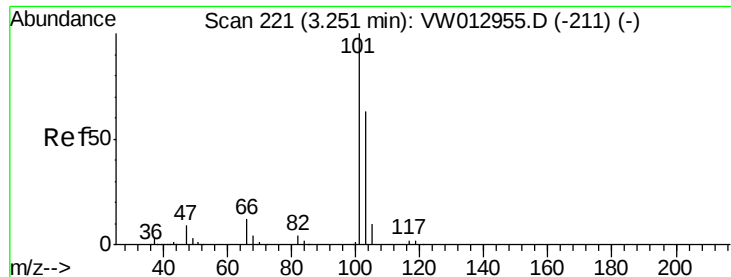
66 33.3 25.9 38.9



Abundance Ion 63.90 (63.60 to 64.60): VW

Ion 65.90 (65.60 to 66.60): VW





#7

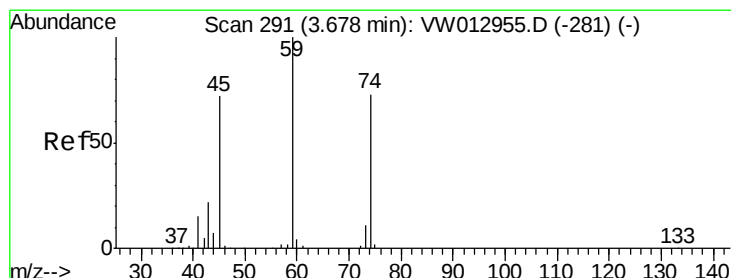
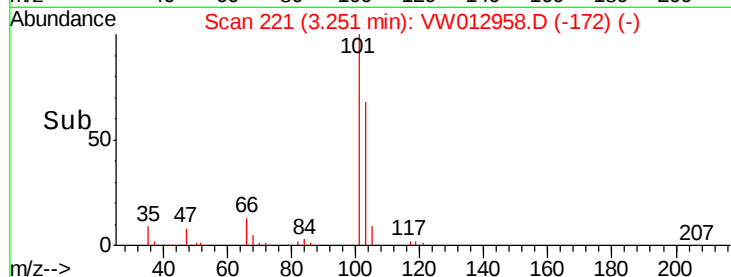
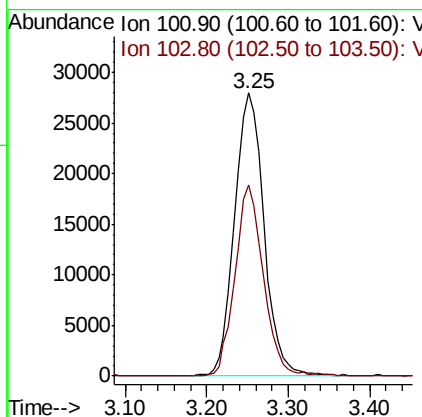
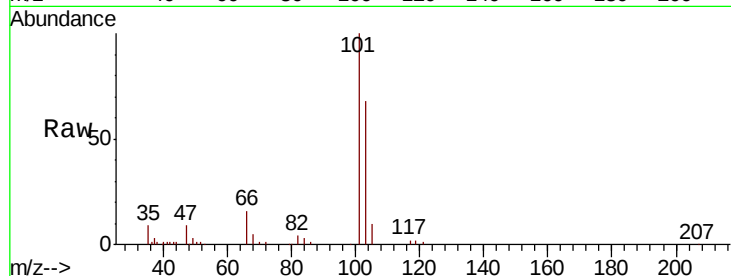
Trichlorofluoromethane
 Concen: 46.630 ug/l
 RT: 3.25 min Scan# 221
 Delta R.T. -0.00 min
 Lab File: VW012958.D
 Acq: 13 Sep 2019 16:55

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Tgt Ion	Ratio	Lower	Upper
101	100		
103	67.7	50.7	76.1

Manual Integrations
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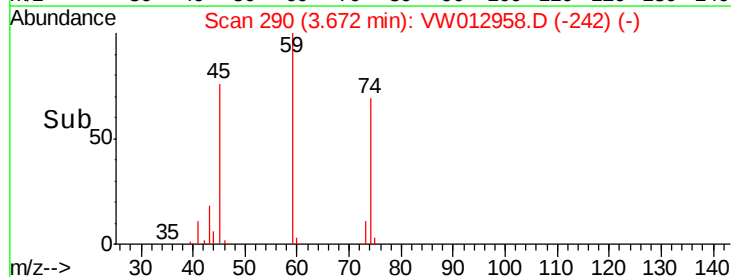
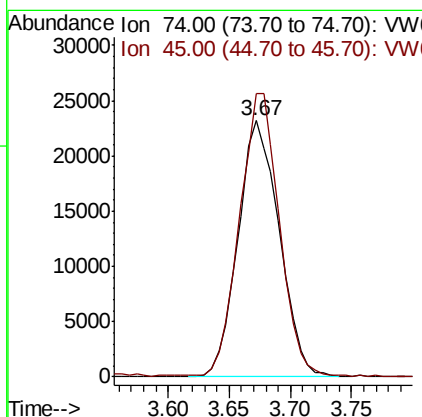
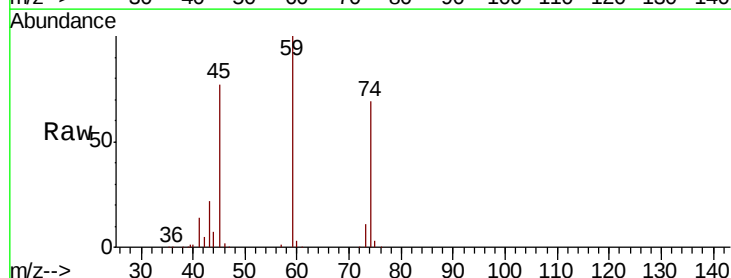
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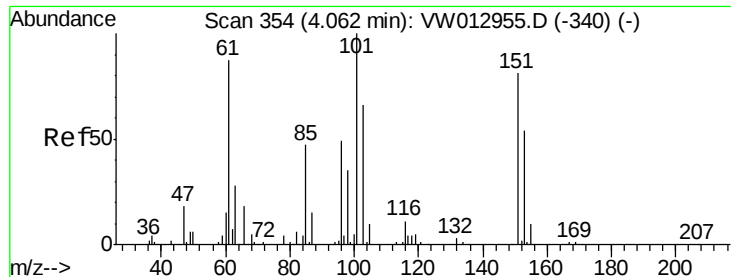


#8

Diethyl Ether
 Concen: 46.305 ug/l
 RT: 3.67 min Scan# 290
 Delta R.T. -0.01 min
 Lab File: VW012958.D
 Acq: 13 Sep 2019 16:55

Tgt Ion	Ratio	Lower	Upper
74	100		
45	106.6	53.8	161.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 45.873 ug/l

RT: 4.06 min Scan# 353

Delta R.T. -0.01 min

Lab File: VW012958.D

Acq: 13 Sep 2019 16:55

Instrument :

MSVOA_W

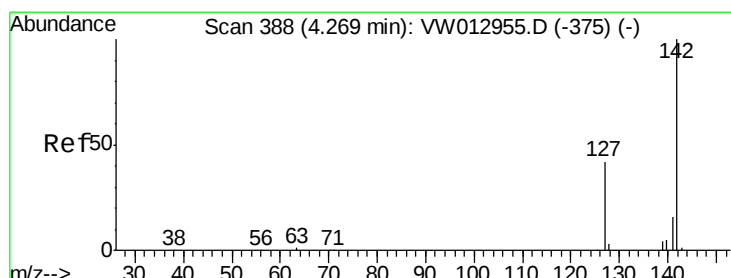
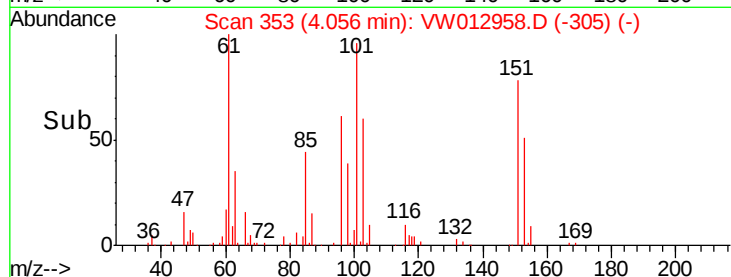
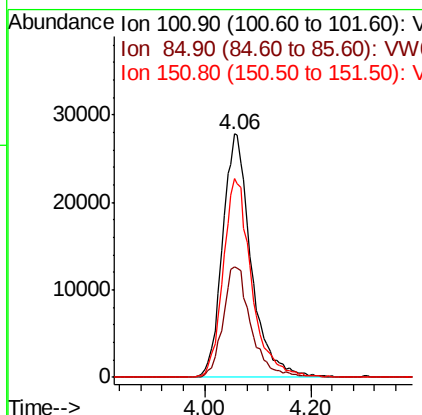
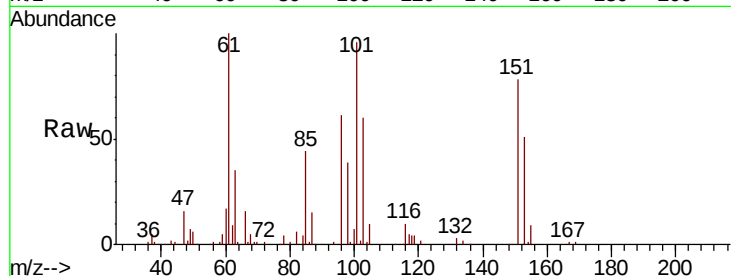
ClientSampleId :

ICVW091419

Tgt Ion:	101	Resp:	104374
Ion Ratio	Lower	Upper	
101	100		
85	44.7	34.9	52.3
151	80.9	66.0	99.0

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#10

Methyl Iodide

Concen: 46.722 ug/l

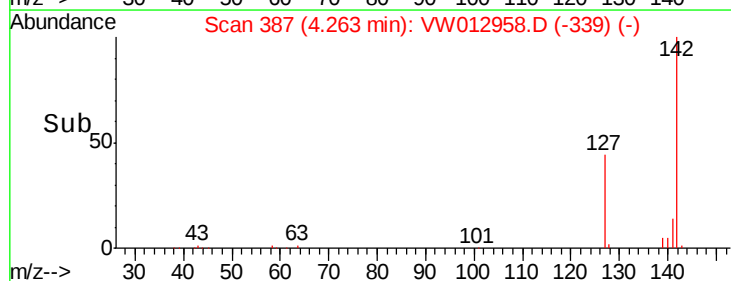
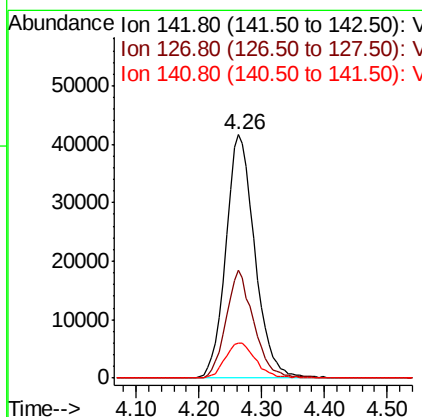
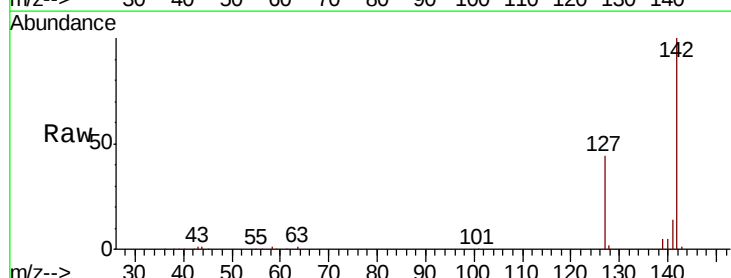
RT: 4.26 min Scan# 387

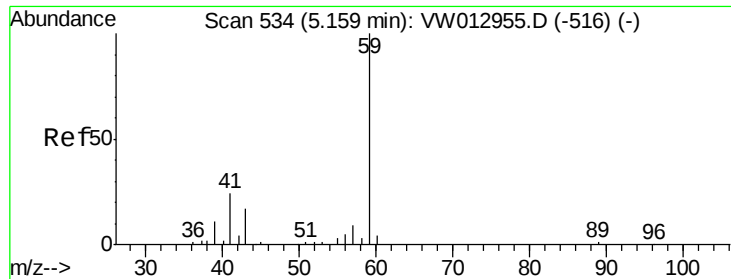
Delta R.T. -0.01 min

Lab File: VW012958.D

Acq: 13 Sep 2019 16:55

Tgt Ion:	142	Resp:	133040
Ion Ratio	Lower	Upper	
142	100		
127	42.4	34.7	52.1
141	15.1	12.2	18.2





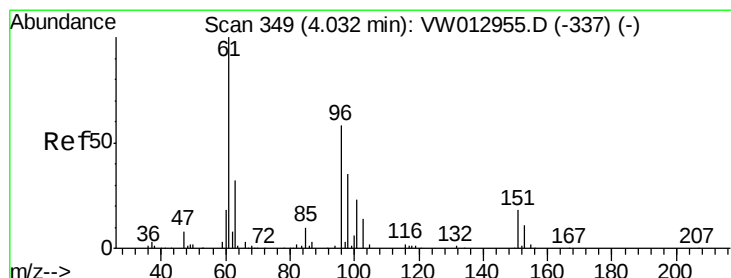
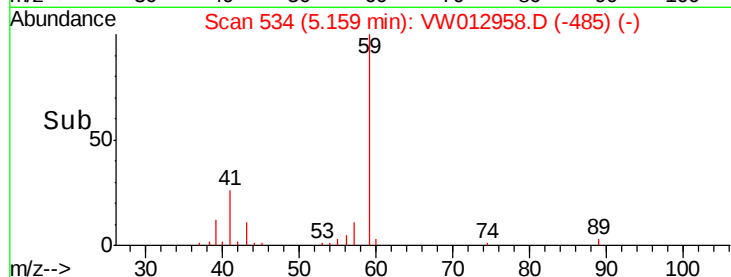
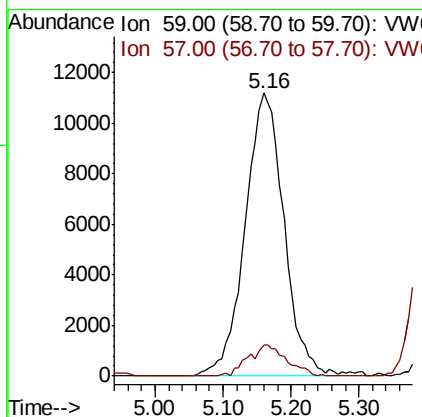
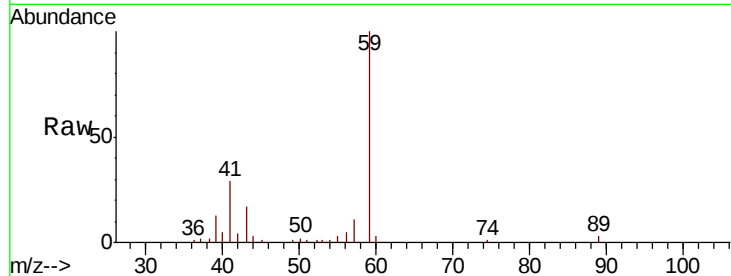
#11
Tert butyl alcohol
Concen: 236.994 ug/l
RT: 5.16 min Scan# 534
Delta R.T. 0.00 min
Lab File: VW012958.D
Acq: 13 Sep 2019 16:55

Instrument :
MSVOA_W
ClientSampleId :
ICVW091419

Tgt Ion: 59 Resp: 44492
Ion Ratio Lower Upper
59 100
57 11.0 8.5 12.7

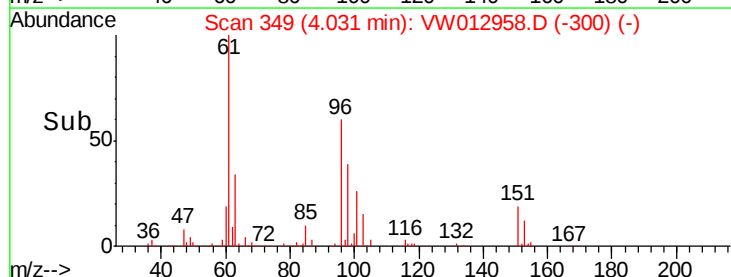
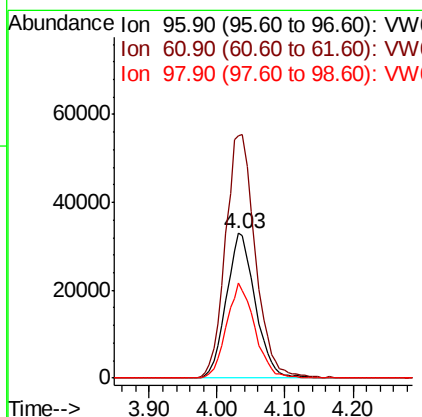
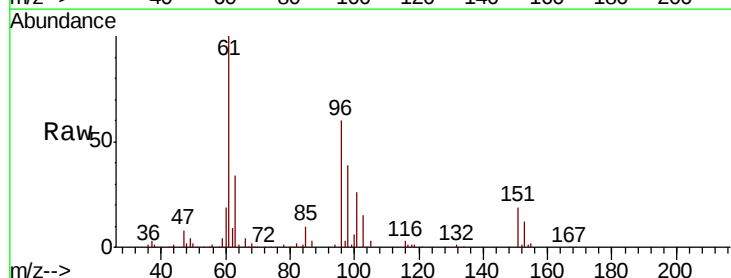
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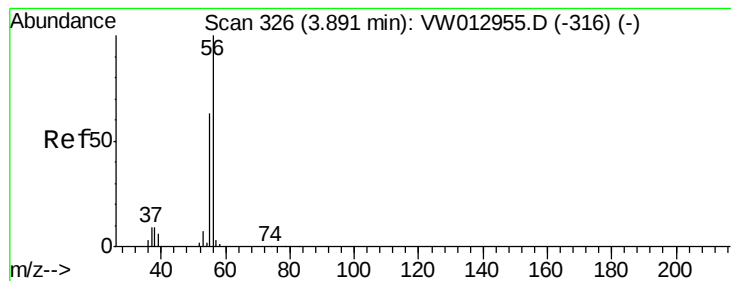
MMDadoda
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#12
1,1-Dichloroethene
Concen: 47.131 ug/l
RT: 4.03 min Scan# 349
Delta R.T. -0.00 min
Lab File: VW012958.D
Acq: 13 Sep 2019 16:55

Tgt Ion: 96 Resp: 97504
Ion Ratio Lower Upper
96 100
61 166.9 137.9 206.9
98 65.5 48.9 73.3





#13

Acrolein

Concen: 249.813 ug/l

RT: 3.89 min Scan# 325

Delta R.T. -0.01 min

Lab File: VW012958.D

Acq: 13 Sep 2019 16:55

Instrument :

MSVOA_W

ClientSampleId :

ICVW091419

Tgt Ion: 56 Resp: 50978

Ion Ratio Lower Upper

56 100

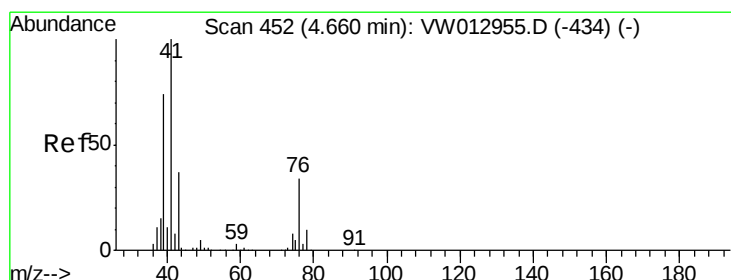
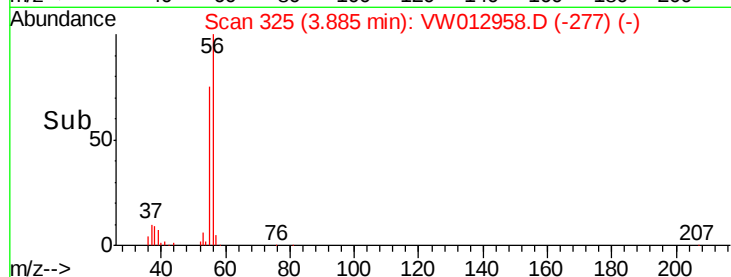
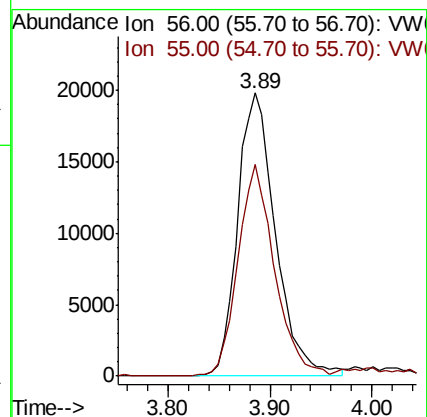
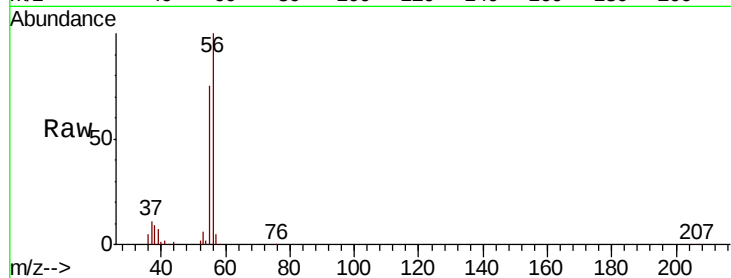
55 72.4 55.8 83.8

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#14

Allyl chloride

Concen: 48.153 ug/l

RT: 4.66 min Scan# 452

Delta R.T. -0.00 min

Lab File: VW012958.D

Acq: 13 Sep 2019 16:55

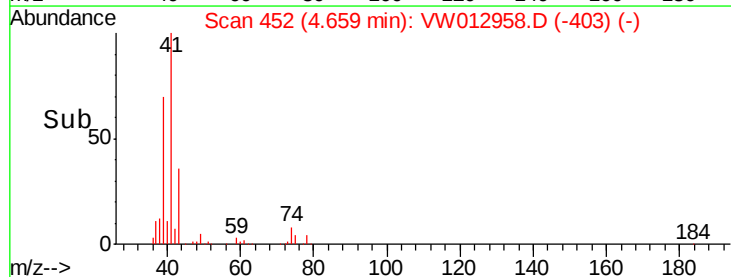
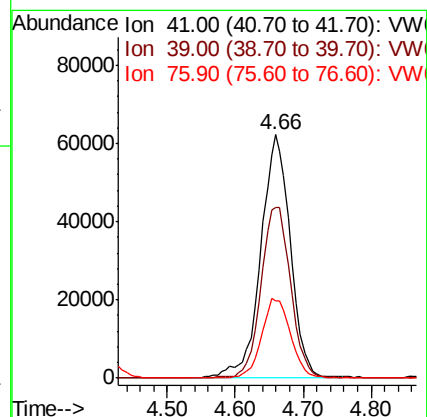
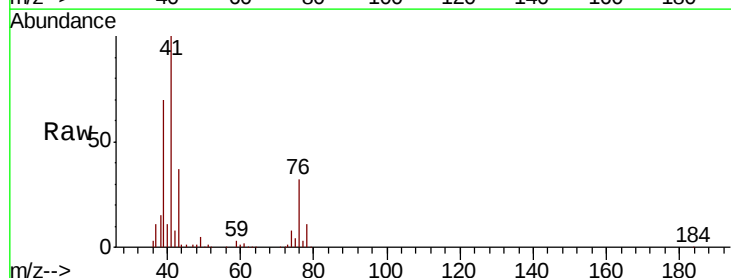
Tgt Ion: 41 Resp: 189119

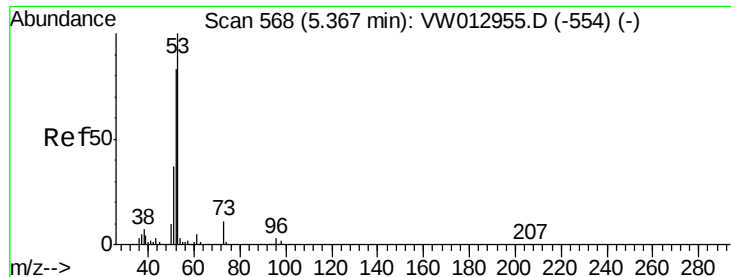
Ion Ratio Lower Upper

41 100

39 70.6 56.7 85.1

76 32.0 25.1 37.7





#15

Acrylonitrile

Concen: 242.432 ug/l

RT: 5.36 min Scan# 567

Delta R.T. -0.01 min

Lab File: VW012958.D

Acq: 13 Sep 2019 16:55

Instrument :

MSVOA_W

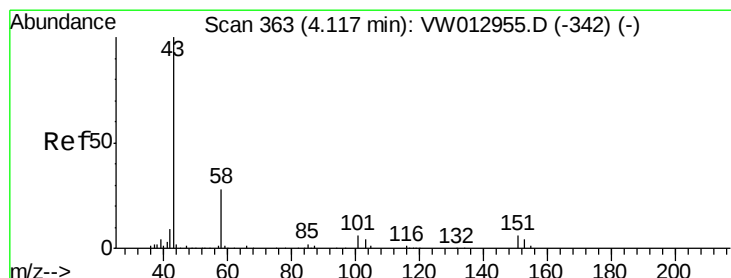
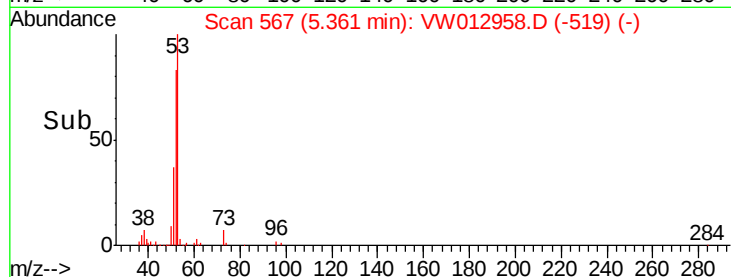
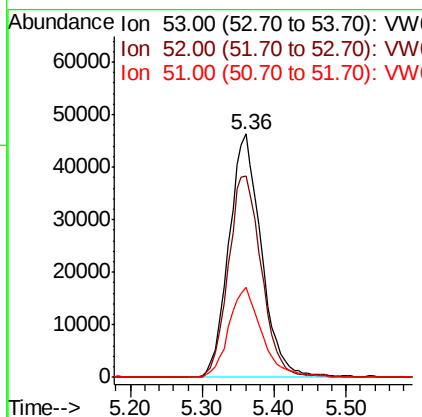
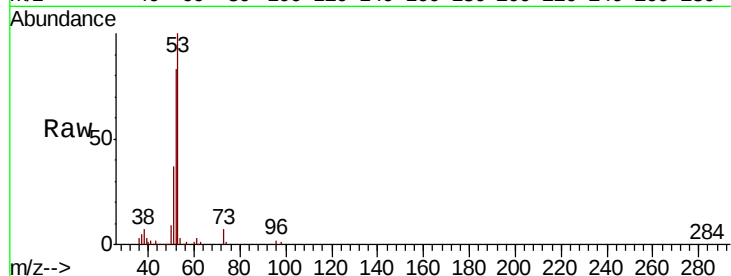
ClientSampleId :

ICVW091419

Tgt Ion:	53	Resp:	145041
Ion Ratio		Lower	Upper
53	100		
52	83.8	66.6	100.0
51	37.6	29.8	44.8

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#16

Acetone

Concen: 285.752 ug/l

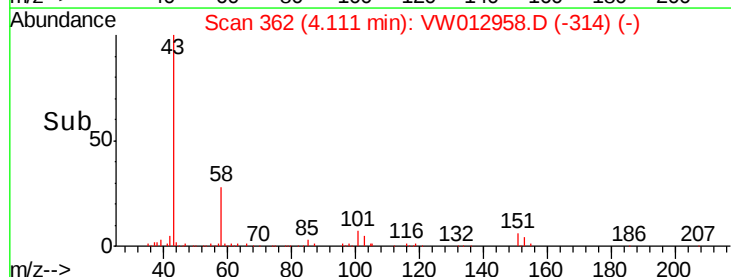
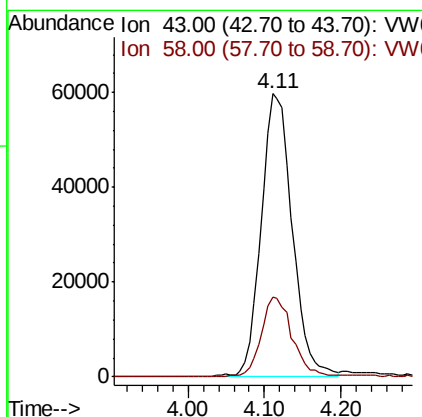
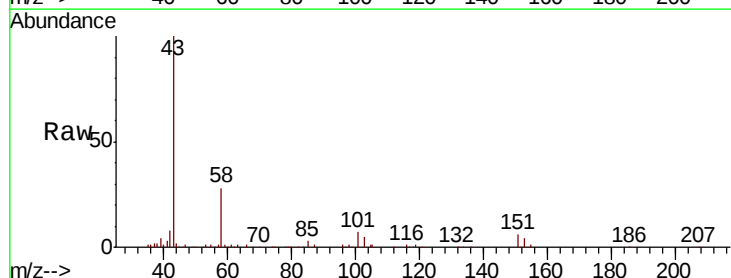
RT: 4.11 min Scan# 362

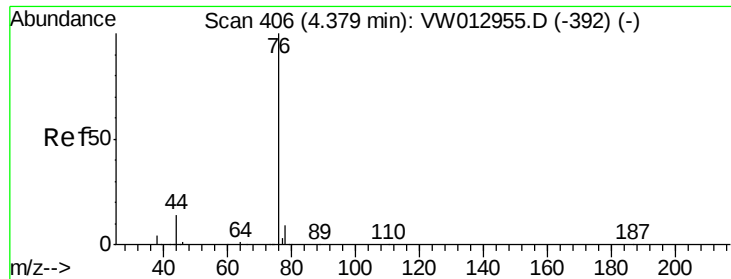
Delta R.T. -0.01 min

Lab File: VW012958.D

Acq: 13 Sep 2019 16:55

Tgt Ion:	43	Resp:	169954
Ion Ratio		Lower	Upper
43	100		
58	28.0	22.3	33.5





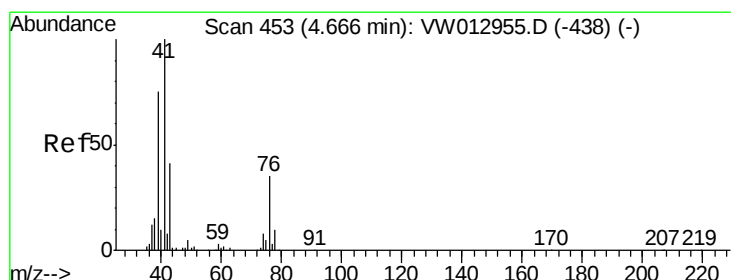
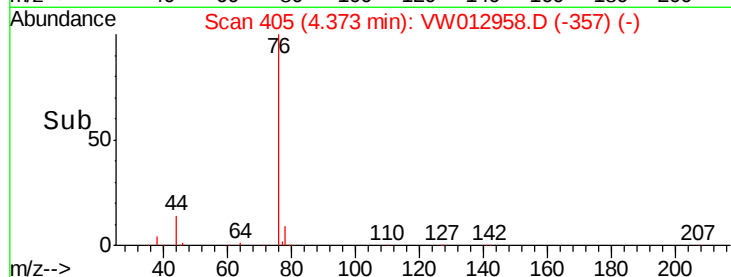
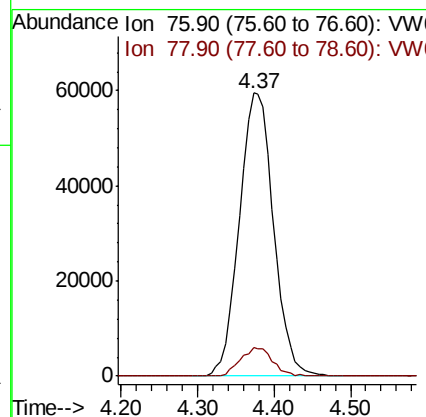
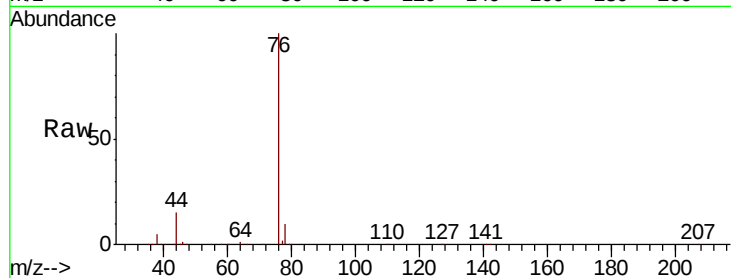
#17
Carbon Disulfide
Concen: 44.722 ug/l
RT: 4.37 min Scan# 405
Delta R.T. -0.01 min
Lab File: VW012958.D
Acq: 13 Sep 2019 16:55

Instrument :
MSVOA_W
ClientSampleId :
ICVW091419

Tgt Ion: 76 Resp: 184378
Ion Ratio Lower Upper
76 100
78 10.0 7.0 10.4

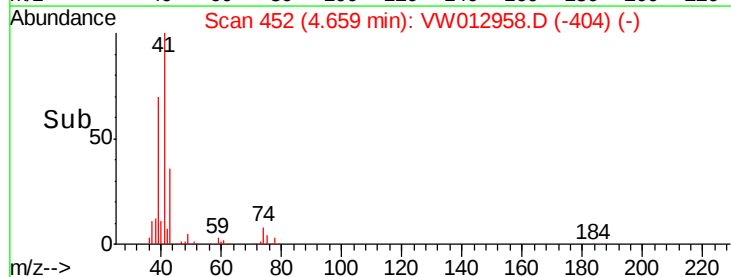
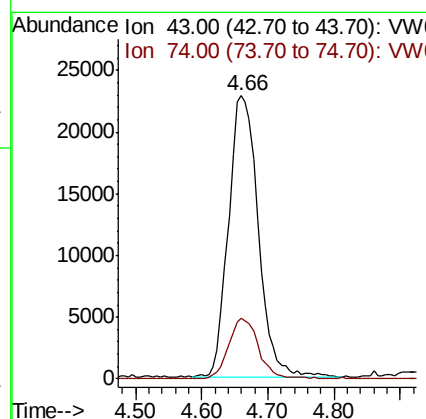
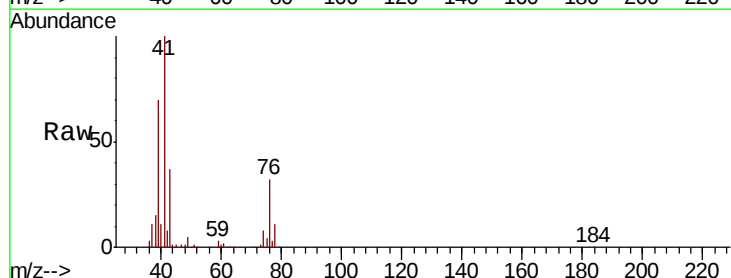
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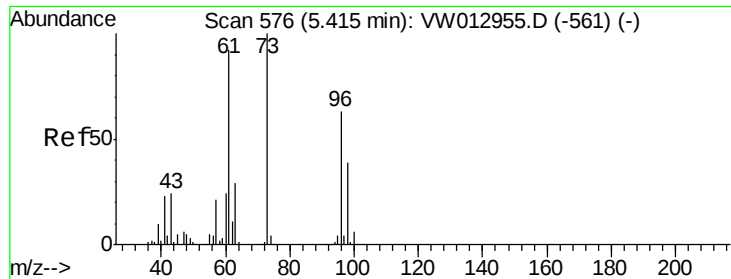
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#18
Methyl Acetate
Concen: 44.815 ug/l
RT: 4.66 min Scan# 452
Delta R.T. -0.01 min
Lab File: VW012958.D
Acq: 13 Sep 2019 16:55

Tgt Ion: 43 Resp: 70675
Ion Ratio Lower Upper
43 100
74 21.9 17.8 26.8





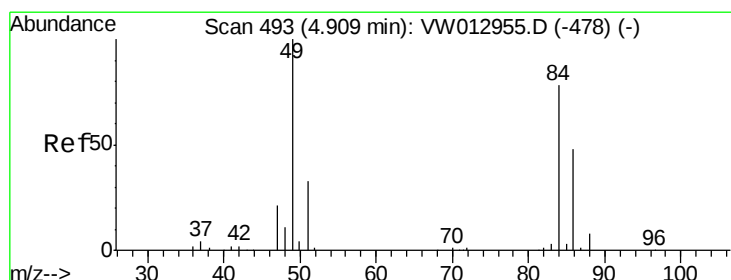
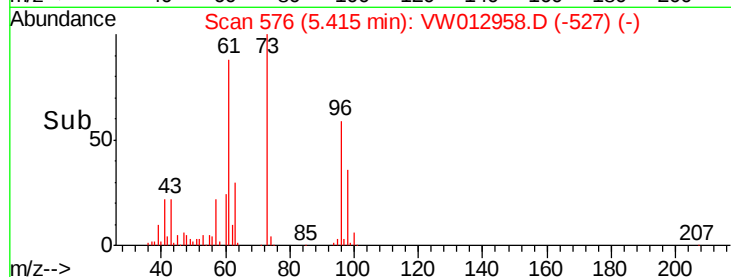
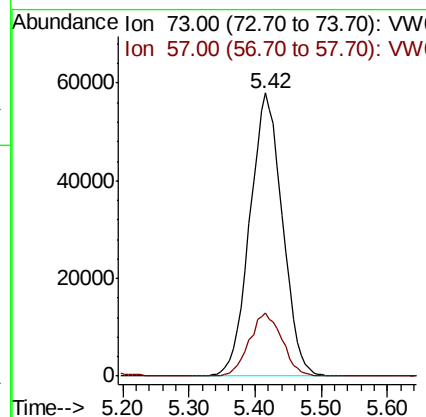
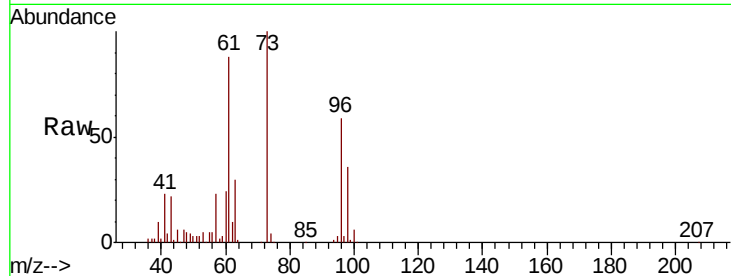
#19
Methyl tert-butyl Ether
Concen: 48.592 ug/l
RT: 5.42 min Scan# 576
Delta R.T. -0.00 min
Lab File: VW012958.D
Acq: 13 Sep 2019 16:55

Instrument :
MSVOA_W
ClientSampleId :
ICVW091419

Tgt Ion: 73 Resp: 198436
Ion Ratio Lower Upper
73 100
57 22.5 16.4 24.6

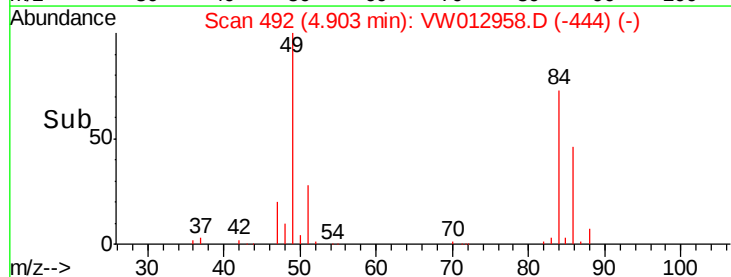
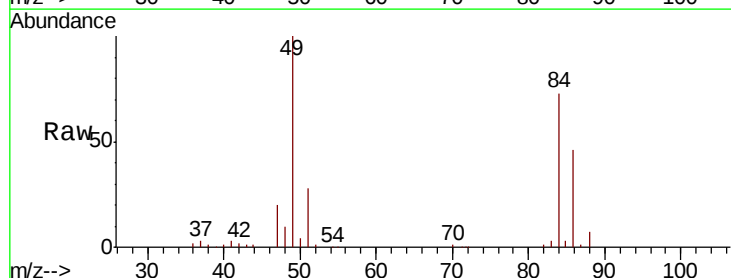
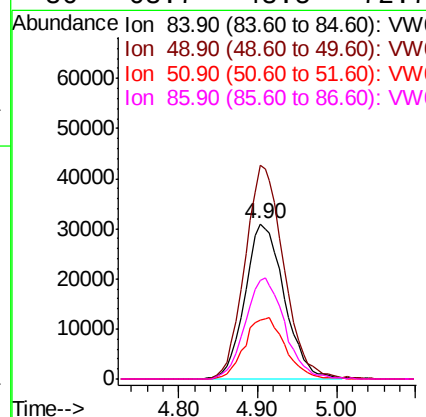
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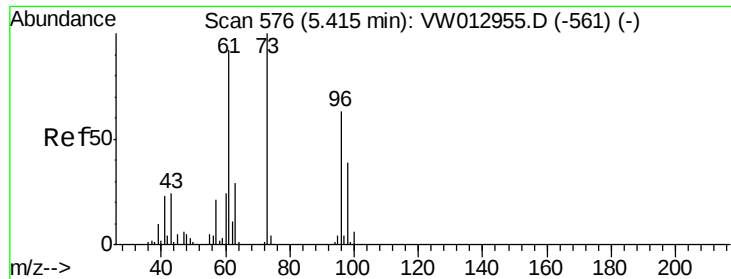
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#20
Methylene Chloride
Concen: 47.675 ug/l
RT: 4.90 min Scan# 492
Delta R.T. -0.01 min
Lab File: VW012958.D
Acq: 13 Sep 2019 16:55

Tgt Ion: 84 Resp: 107154
Ion Ratio Lower Upper
84 100
49 137.9 102.0 153.0
51 38.2 34.0 51.0
86 63.7 48.5 72.7





#21

trans-1,2-Dichloroethene

Concen: 46.165 ug/l

RT: 5.42 min Scan# 576

Delta R.T. -0.00 min

Lab File: VW012958.D

Acq: 13 Sep 2019 16:55

Instrument :

MSVOA_W

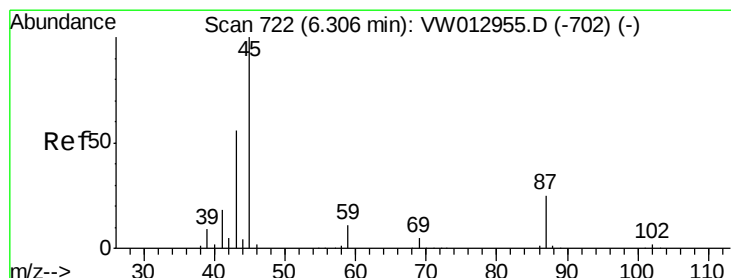
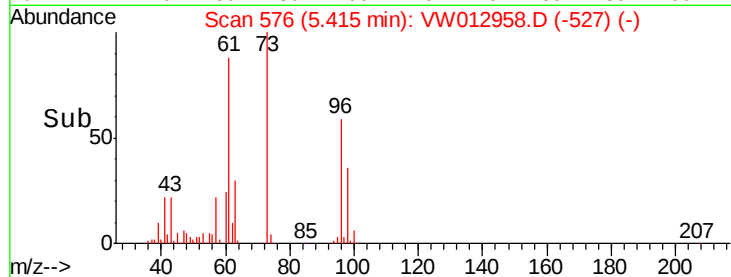
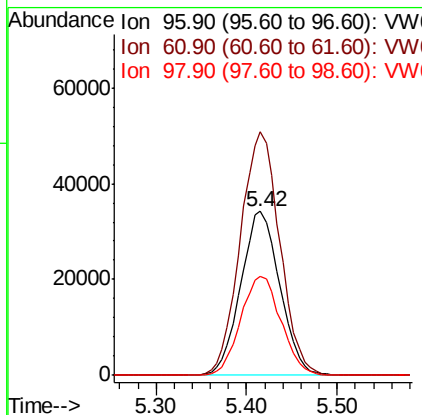
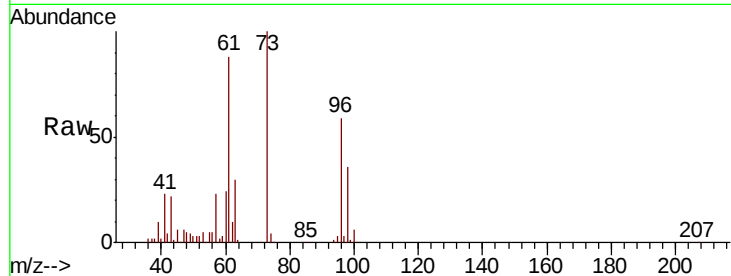
ClientSampleId :

ICVW091419

Tgt Ion:	96	Resp:	102291
Ion	Ratio	Lower	Upper
96	100		
61	148.5	116.2	174.2
98	60.6	49.8	74.6

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#22

Diisopropyl ether

Concen: 48.671 ug/l

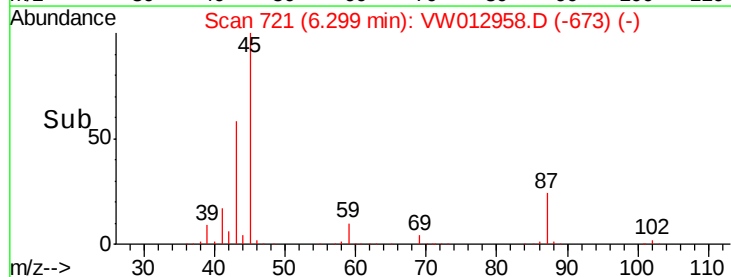
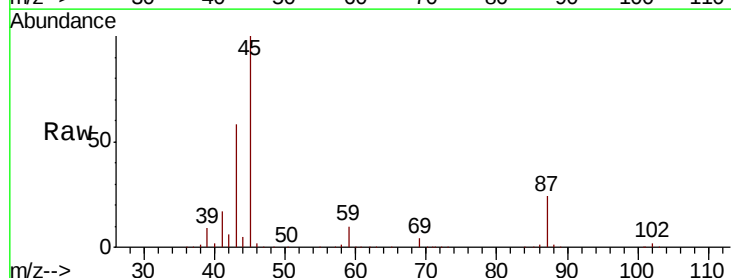
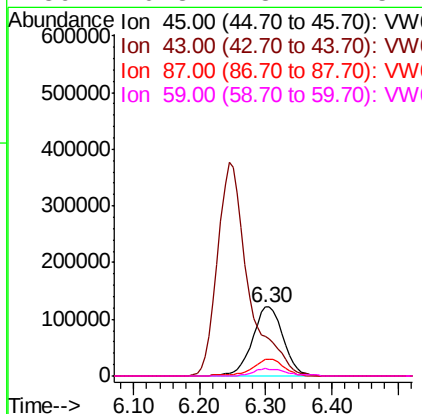
RT: 6.30 min Scan# 721

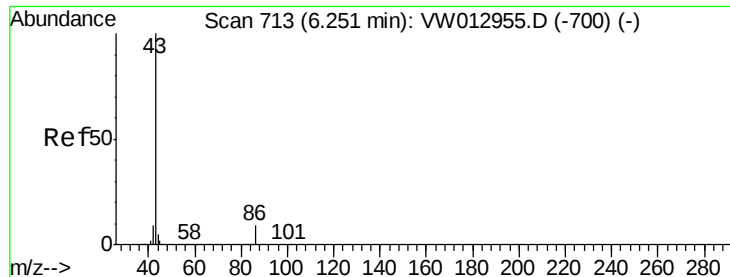
Delta R.T. -0.01 min

Lab File: VW012958.D

Acq: 13 Sep 2019 16:55

Tgt Ion:	45	Resp:	397106
Ion	Ratio	Lower	Upper
45	100		
43	57.7	44.6	67.0
87	24.3	20.0	30.0
59	10.3	8.7	13.1





#23

Vinyl Acetate

Concen: 250.979 ug/l

RT: 6.24 min Scan# 712

Delta R.T. -0.01 min

Lab File: VW012958.D

Acq: 13 Sep 2019 16:55

Instrument :

MSVOA_W

ClientSampleId :

ICVW091419

Tgt Ion: 43 Resp: 1226478

Ion Ratio Lower Upper

43 100

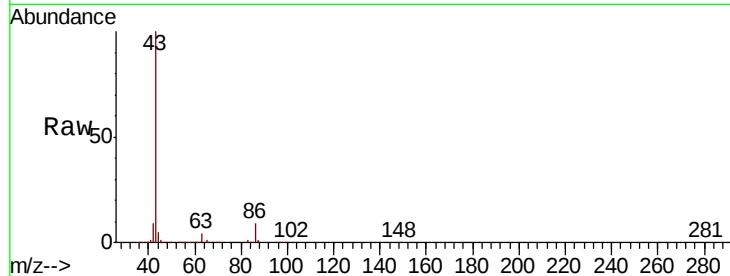
86 8.7 7.0 10.6

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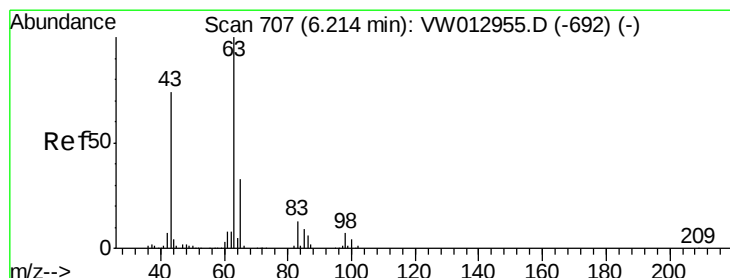
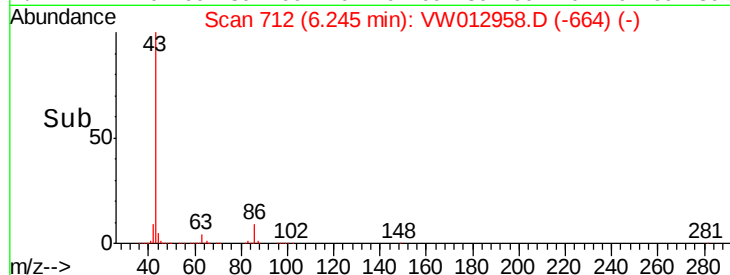
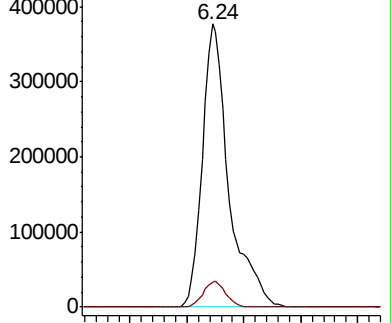
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Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 86.00 (85.70 to 86.70): VW



#24

1,1-Dichloroethane

Concen: 46.847 ug/l

RT: 6.21 min Scan# 706

Delta R.T. -0.01 min

Lab File: VW012958.D

Acq: 13 Sep 2019 16:55

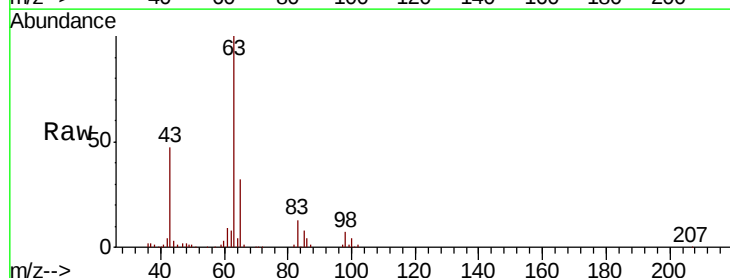
Tgt Ion: 63 Resp: 220378

Ion Ratio Lower Upper

63 100

98 6.8 3.3 9.9

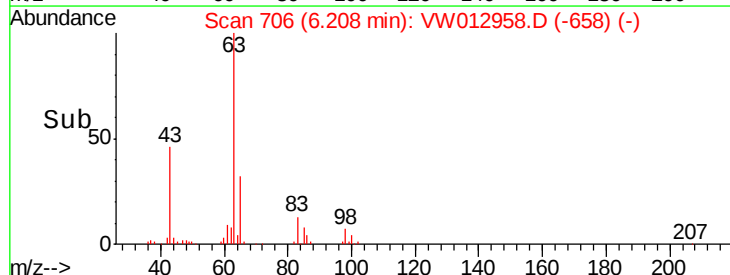
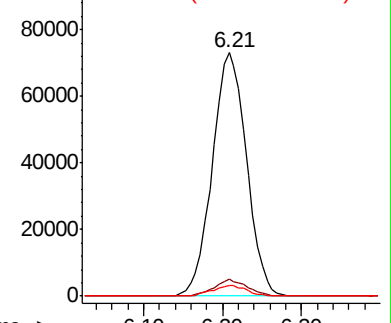
100 4.2 1.8 5.5

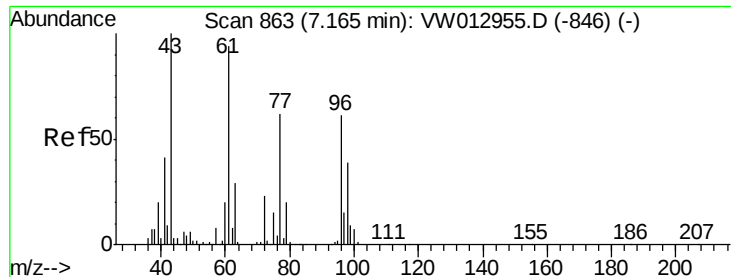


Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 97.90 (97.60 to 98.60): VW

Ion 99.90 (99.60 to 100.60): VW





#25

2-Butanone

Concen: 246.273 ug/l

RT: 7.17 min Scan# 863

Delta R.T. -0.00 min

Lab File: VW012958.D

Acq: 13 Sep 2019 16:55

Instrument :

MSVOA_W

ClientSampleId :

ICVW091419

Tgt Ion: 43 Resp: 216764

Ion Ratio Lower Upper

43 100

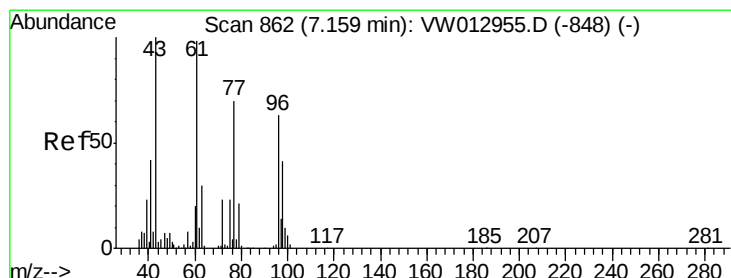
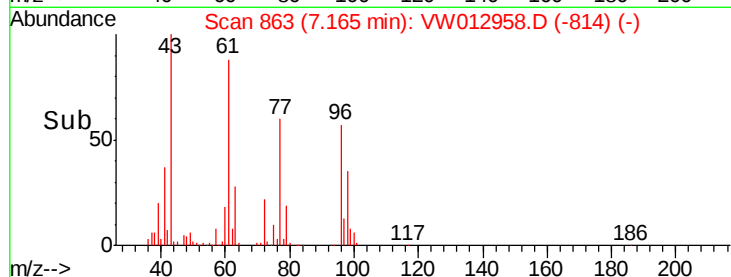
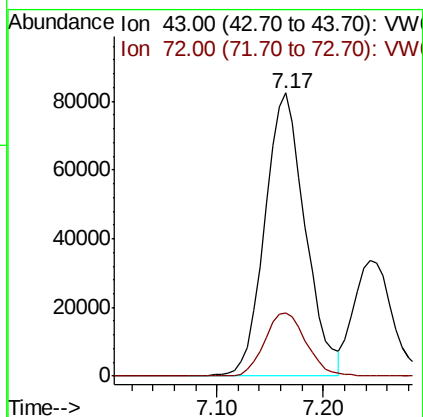
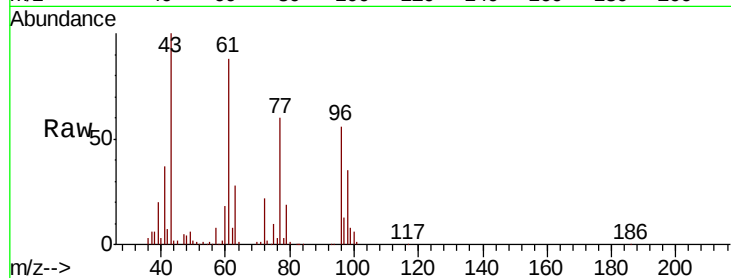
72 22.2 18.2 27.4

Manual Integrations

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9/16/2019 12:43:46 AM



#26

2,2-Dichloropropane

Concen: 49.735 ug/l

RT: 7.16 min Scan# 862

Delta R.T. -0.00 min

Lab File: VW012958.D

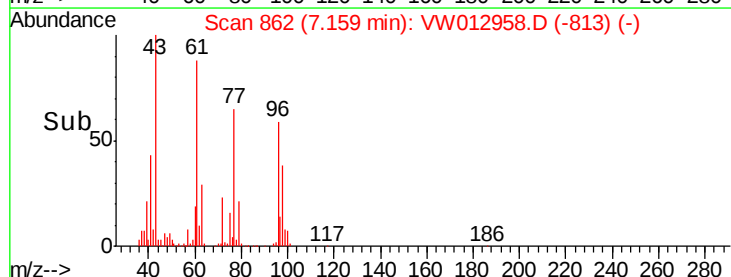
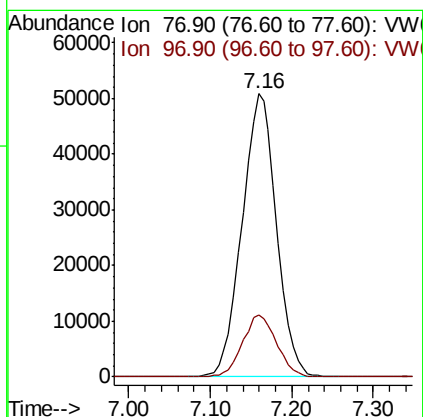
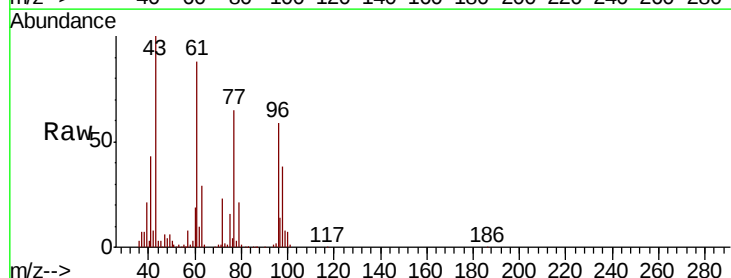
Acq: 13 Sep 2019 16:55

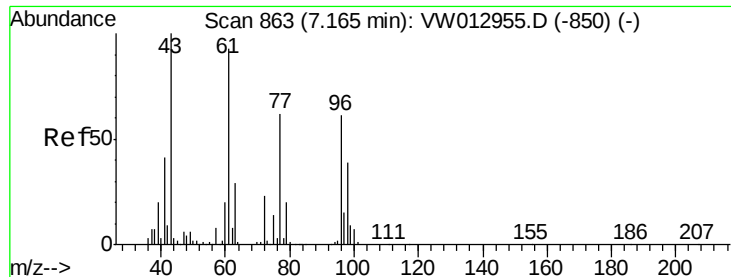
Tgt Ion: 77 Resp: 148551

Ion Ratio Lower Upper

77 100

97 21.7 10.7 32.1





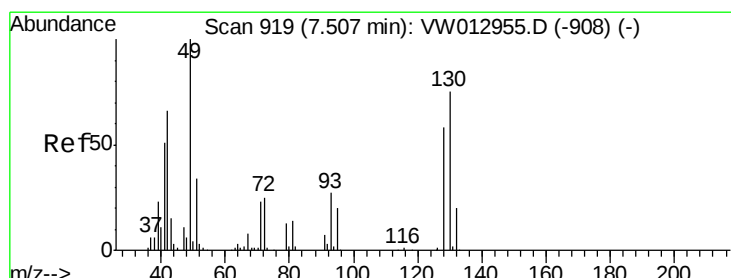
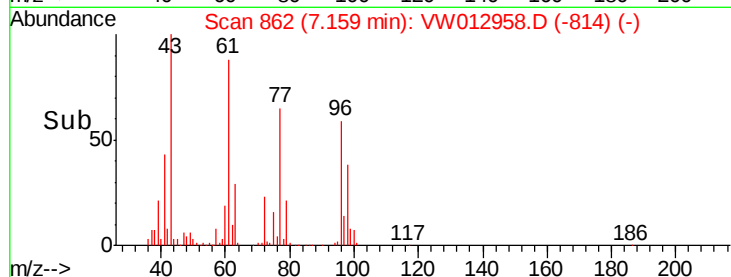
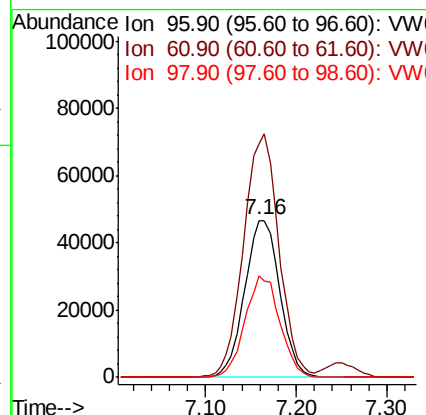
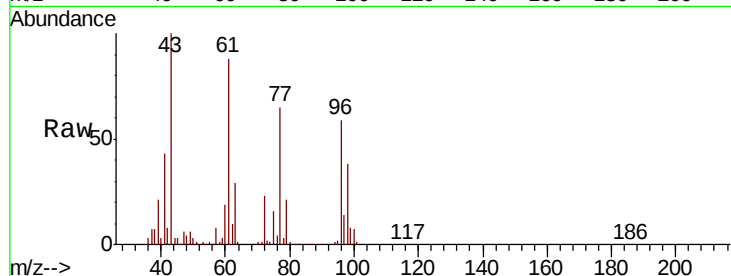
#27
 cis-1,2-Dichloroethene
 Concen: 47.320 ug/l
 RT: 7.16 min Scan# 862
 Delta R.T. -0.01 min
 Lab File: VW012958.D
 Acq: 13 Sep 2019 16:55

Instrument :
 MSVOA_W
 ClientSampleId :
 ICVVW091419

Tgt Ion	Ratio	Resp	Lower	Upper
96	100	125528		
61	155.9	0.0	315.4	
98	64.0	0.0	131.0	

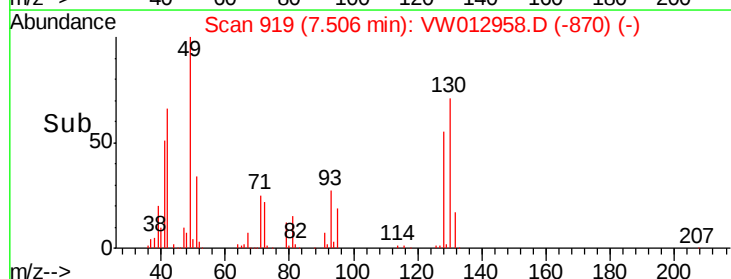
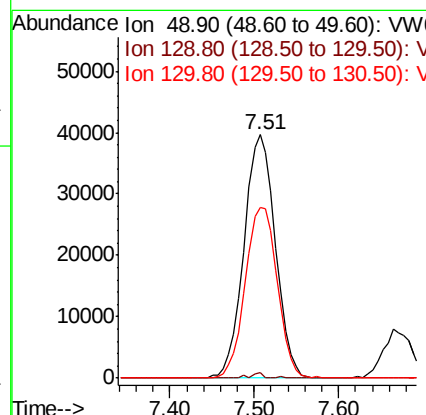
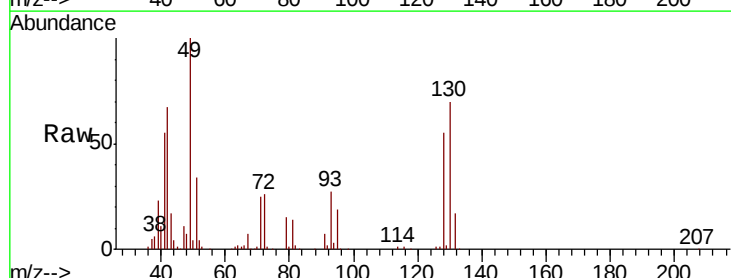
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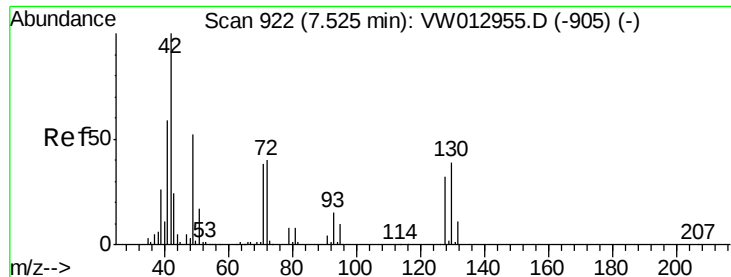
MMDadoda
 9/16/2019 12:43:46 AM



#28
 Bromochloromethane
 Concen: 50.383 ug/l
 RT: 7.51 min Scan# 919
 Delta R.T. -0.00 min
 Lab File: VW012958.D
 Acq: 13 Sep 2019 16:55

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	99758		
129	0.8	0.0	1.4	
130	71.9	57.8	86.6	





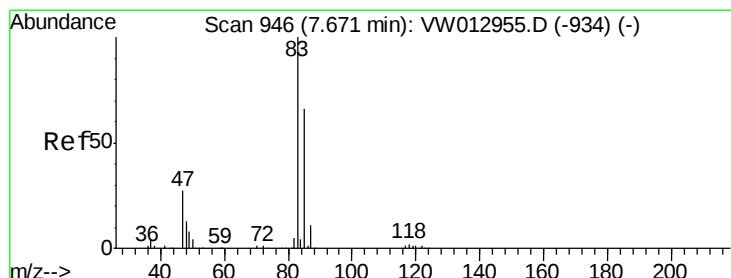
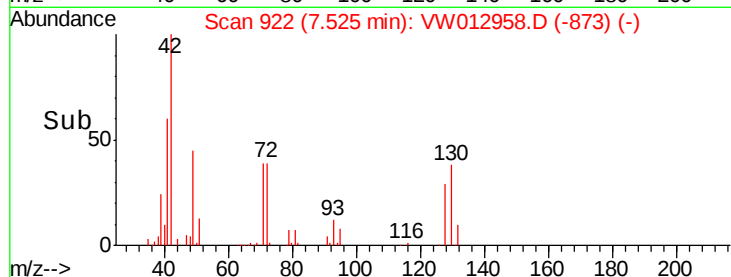
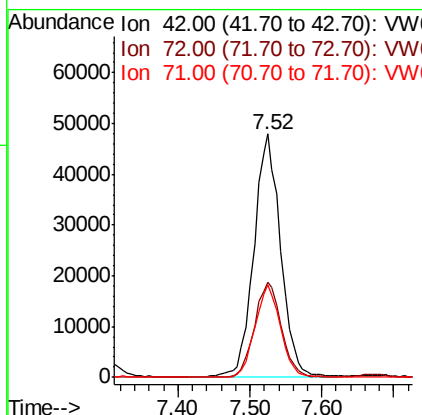
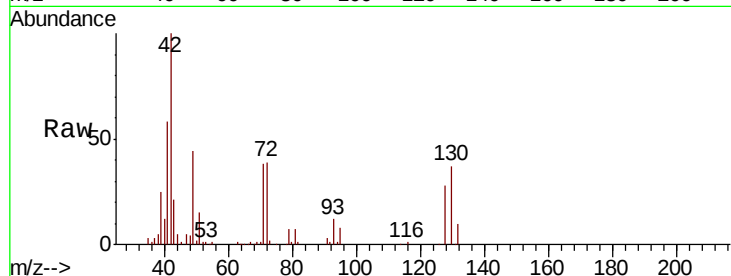
#29
Tetrahydrofuran
Concen: 246.825 ug/l
RT: 7.52 min Scan# 922
Delta R.T. -0.00 min
Lab File: VW012958.D
Acq: 13 Sep 2019 16:55

Instrument :
MSVOA_W
ClientSampleId :
ICVW091419

Tgt Ion	Ratio	Lower	Upper
42	100		
72	39.1	31.4	47.0
71	36.2	29.8	44.8

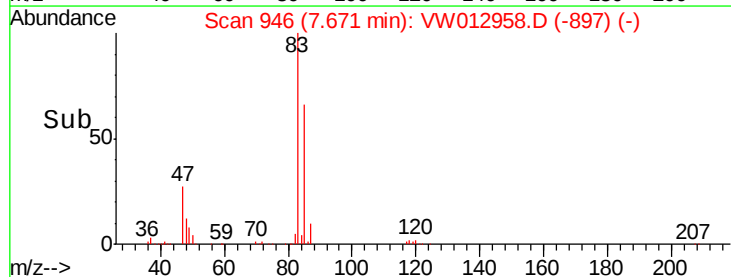
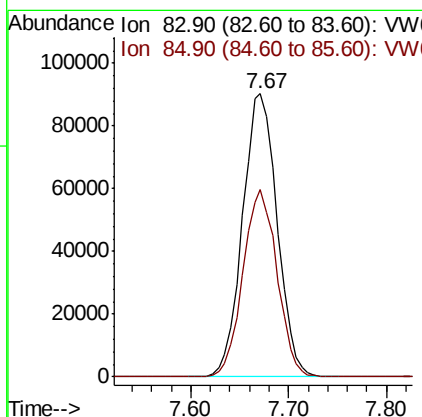
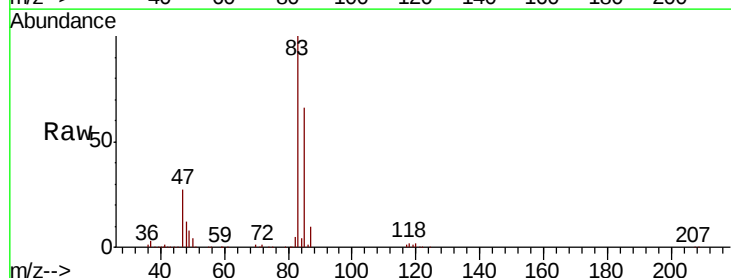
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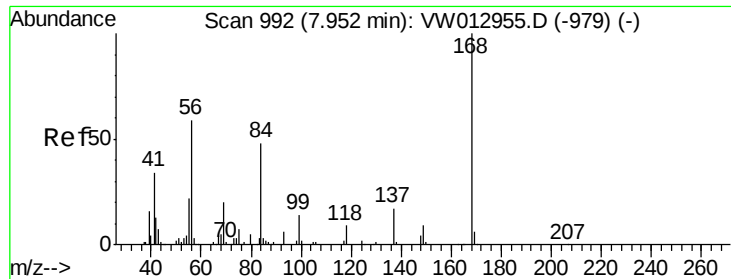
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#30
Chloroform
Concen: 46.279 ug/l
RT: 7.67 min Scan# 946
Delta R.T. -0.00 min
Lab File: VW012958.D
Acq: 13 Sep 2019 16:55

Tgt Ion	Ratio	Lower	Upper
83	100		
85	66.3	52.8	79.2





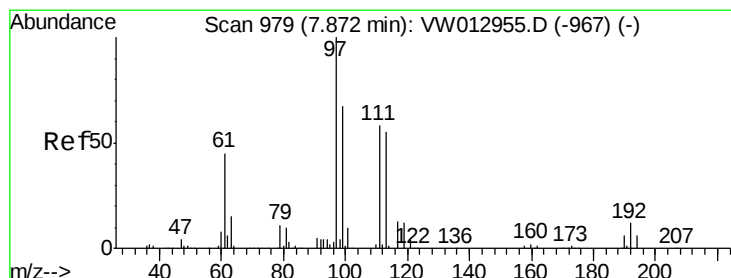
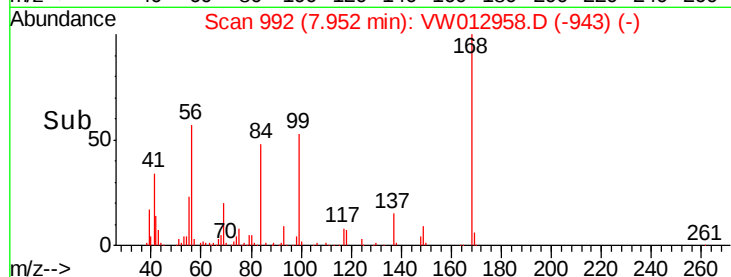
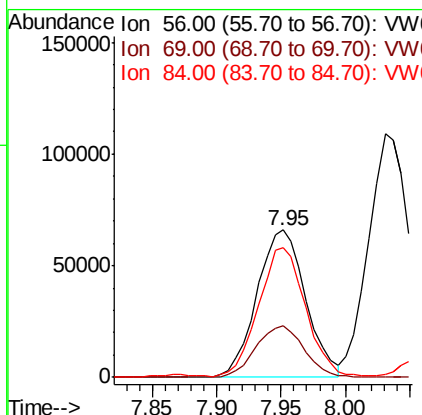
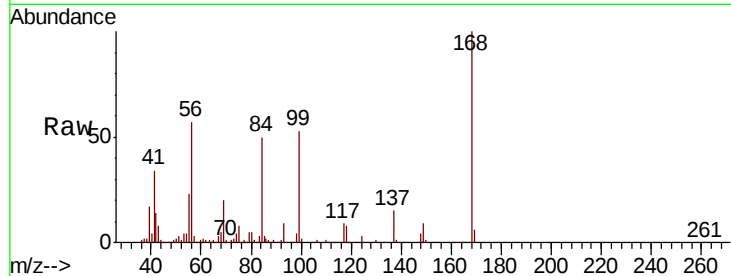
#31
Cyclohexane
Concen: 49.014 ug/l
RT: 7.95 min Scan# 992
Delta R.T. 0.00 min
Lab File: VW012958.D
Acq: 13 Sep 2019 16:55

Instrument :
MSVOA_W
ClientSampleId :
ICVW091419

Tgt Ion	Ratio	Lower	Upper
56	100		
69	35.0	27.0	40.6
84	86.7	66.2	99.2

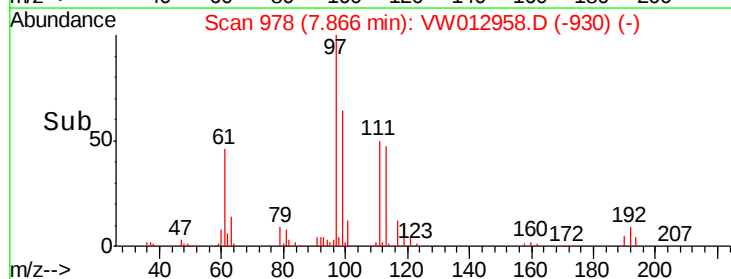
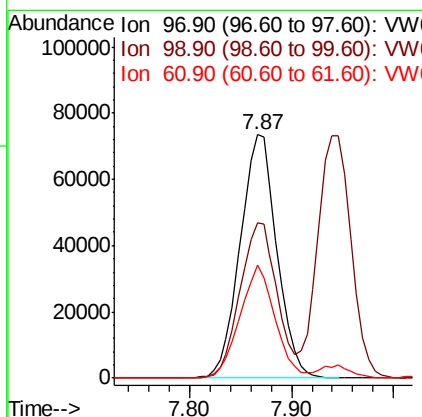
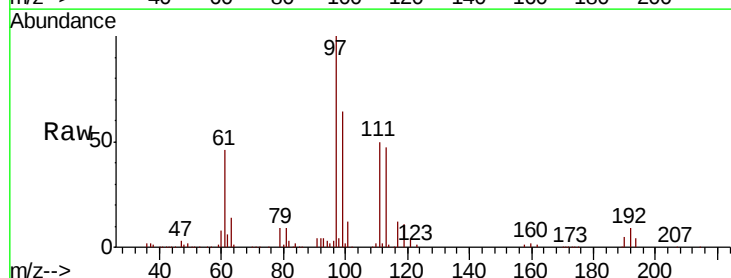
Manual Integrations
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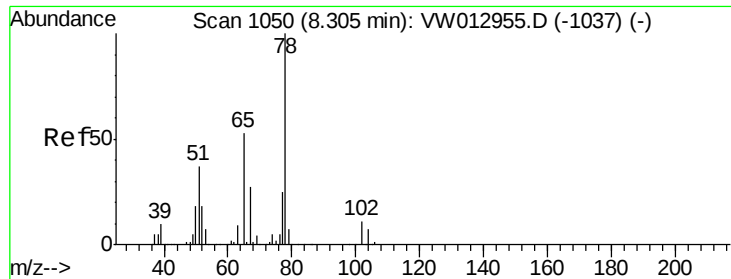
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#32
1,1,1-Trichloroethane
Concen: 46.596 ug/l
RT: 7.87 min Scan# 978
Delta R.T. -0.01 min
Lab File: VW012958.D
Acq: 13 Sep 2019 16:55

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.3	53.0	79.4
61	44.6	36.5	54.7





#33

1,2-Dichloroethane-d4

Concen: 50.626 ug/l

RT: 8.30 min Scan# 1049

Delta R.T. -0.01 min

Lab File: VW012958.D

Acq: 13 Sep 2019 16:55

Instrument :

MSVOA_W

ClientSampleId :

ICVW091419

Tgt Ion: 65 Resp: 140137

Ion Ratio Lower Upper

65 100

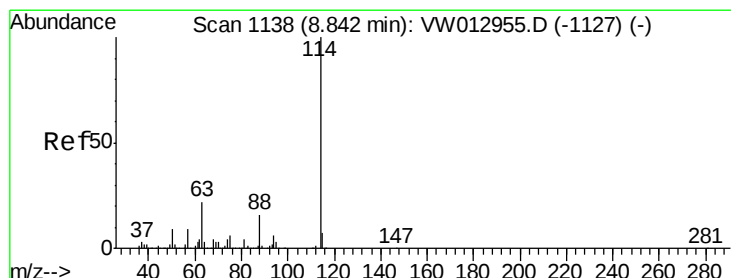
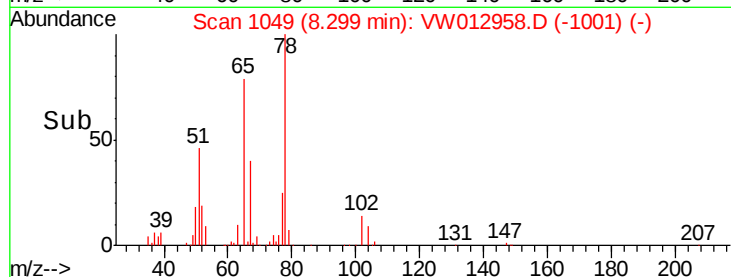
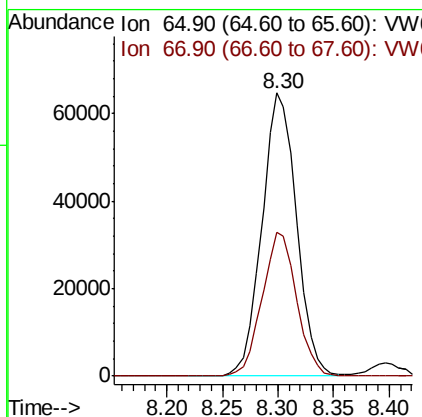
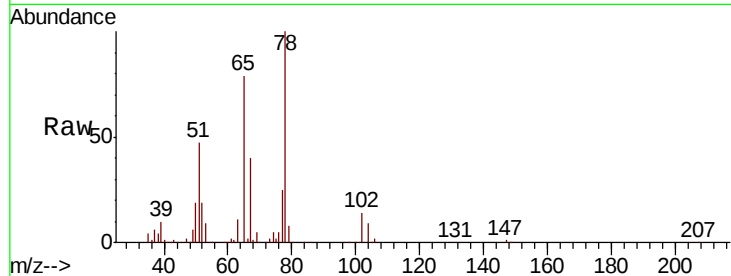
67 50.6 0.0 101.2

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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.84 min Scan# 1138

Delta R.T. -0.00 min

Lab File: VW012958.D

Acq: 13 Sep 2019 16:55

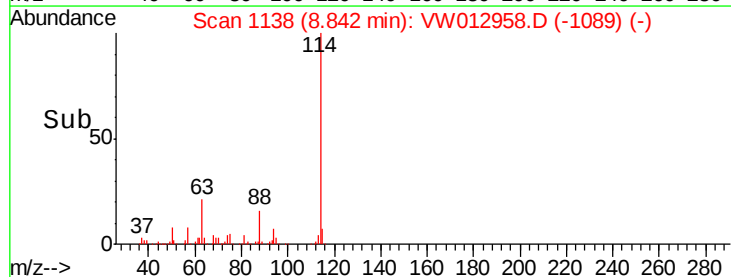
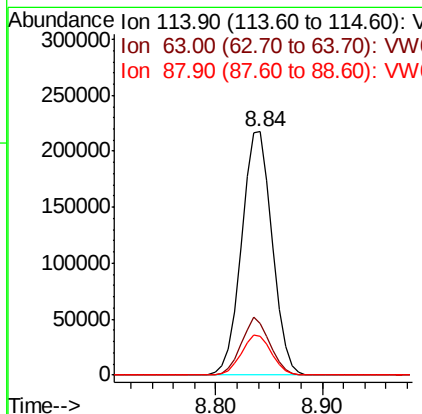
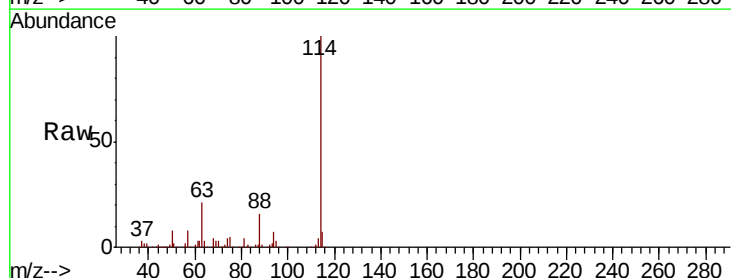
Tgt Ion: 114 Resp: 439865

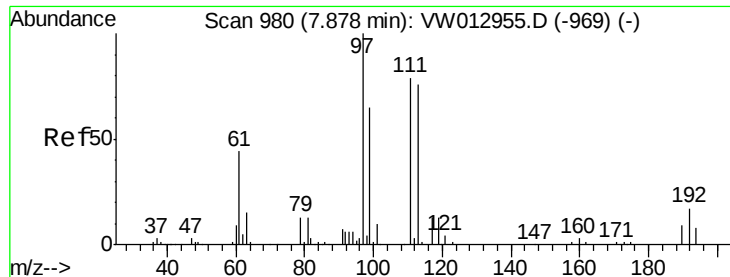
Ion Ratio Lower Upper

114 100

63 21.1 0.0 43.4

88 15.9 0.0 31.6





#35

Dibromofluoromethane

Concen: 50.007 ug/l

RT: 7.88 min Scan# 980

Delta R.T. -0.00 min

Lab File: VW012958.D

Acq: 13 Sep 2019 16:55

Instrument :

MSVOA_W

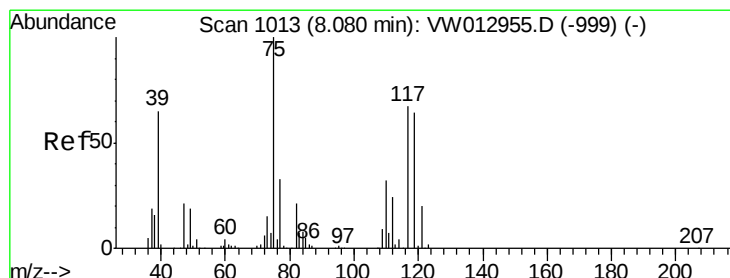
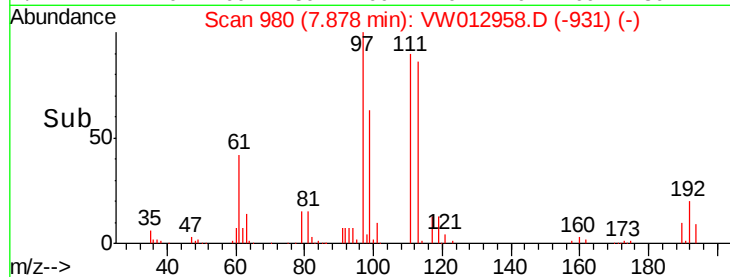
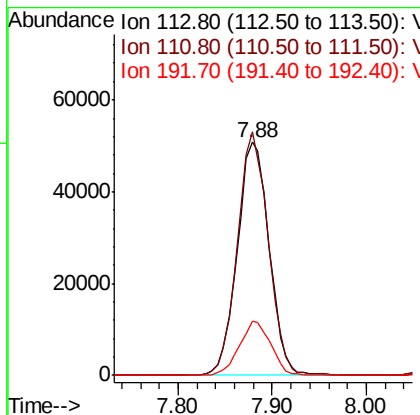
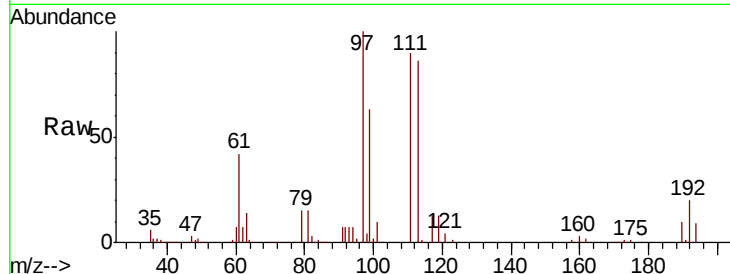
ClientSampleId :

ICVW091419

Tgt Ion:	113	Resp:	119354
Ion	Ratio	Lower	Upper
113	100		
111	101.3	82.8	124.2
192	22.9	17.8	26.8

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#36

1,1-Dichloropropene

Concen: 45.541 ug/l

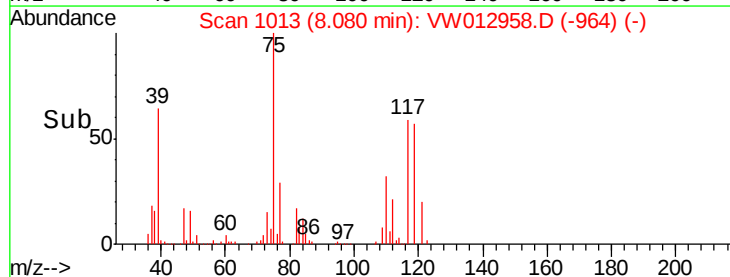
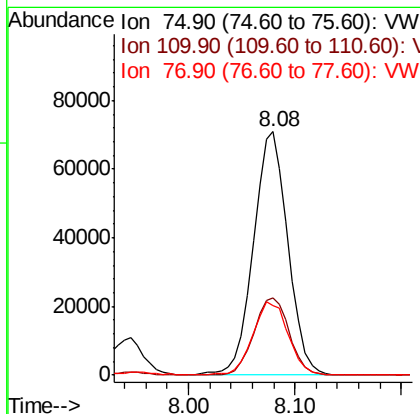
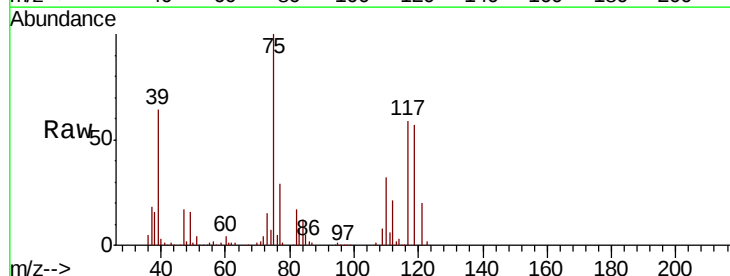
RT: 8.08 min Scan# 1013

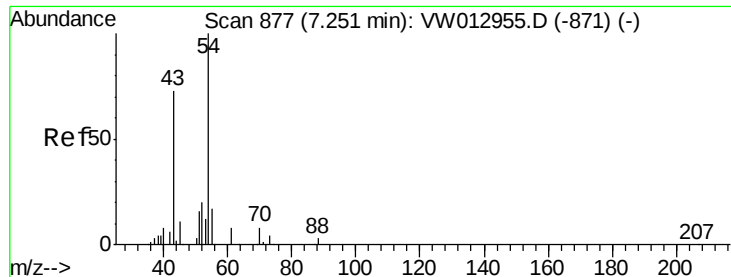
Delta R.T. -0.00 min

Lab File: VW012958.D

Acq: 13 Sep 2019 16:55

Tgt Ion:	75	Resp:	160074
Ion	Ratio	Lower	Upper
75	100		
110	32.6	16.4	49.1
77	31.2	25.1	37.7





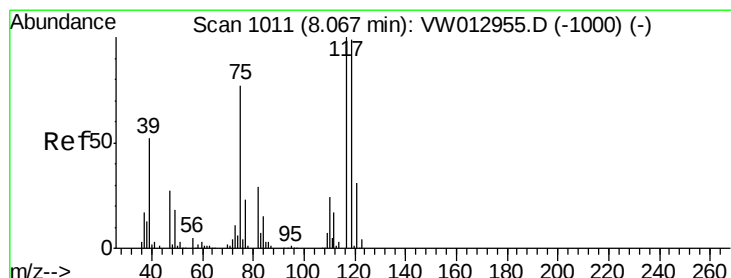
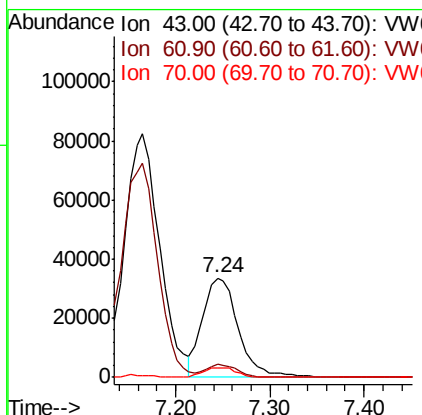
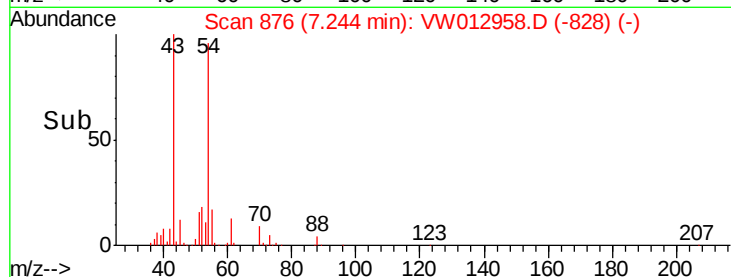
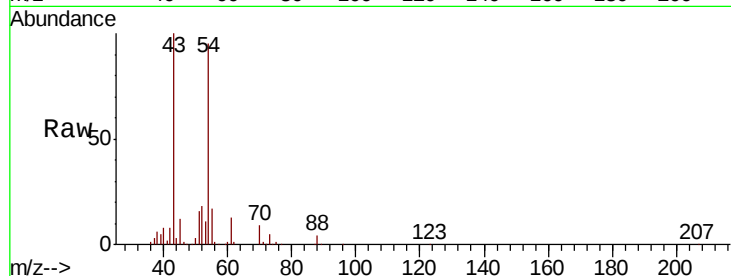
#37
Ethyl Acetate
Concen: 46.782 ug/l
RT: 7.24 min Scan# 876
Delta R.T. -0.01 min
Lab File: VW012958.D
Acq: 13 Sep 2019 16:55

Instrument :
MSVOA_W
ClientSampleId :
ICVW091419

Tgt Ion	Ratio	Resp	Lower	Upper
43	100	87280		
61	11.6		9.6	14.4
70	9.3		7.6	11.4

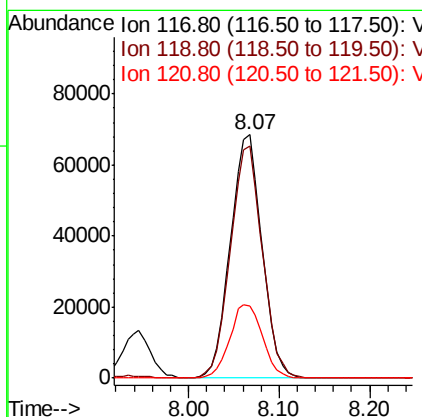
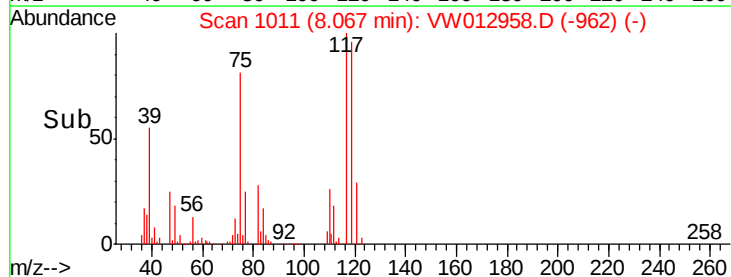
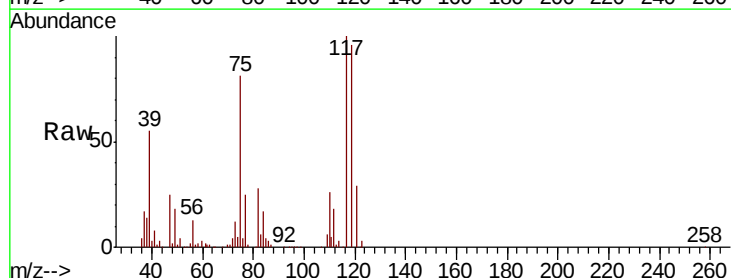
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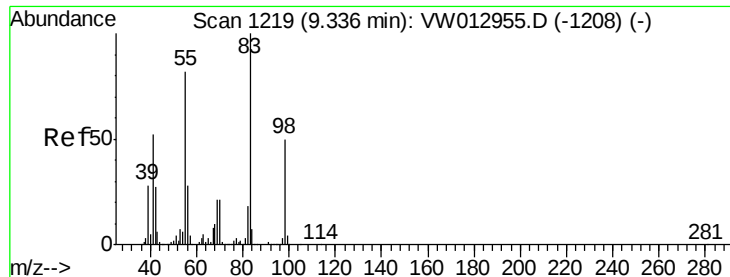
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#38
Carbon Tetrachloride
Concen: 46.010 ug/l
RT: 8.07 min Scan# 1011
Delta R.T. -0.00 min
Lab File: VW012958.D
Acq: 13 Sep 2019 16:55

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	165729		
119	95.5		79.4	119.0
121	29.4		24.6	36.8





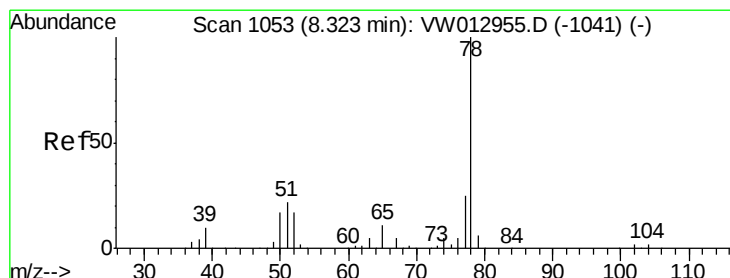
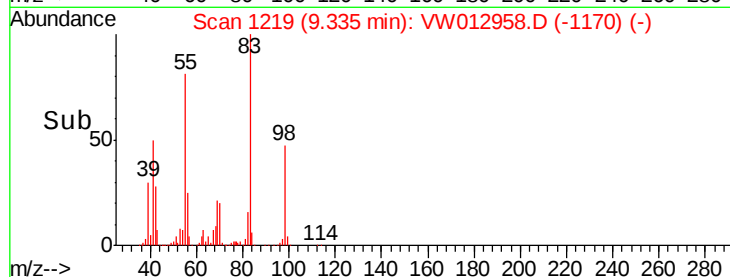
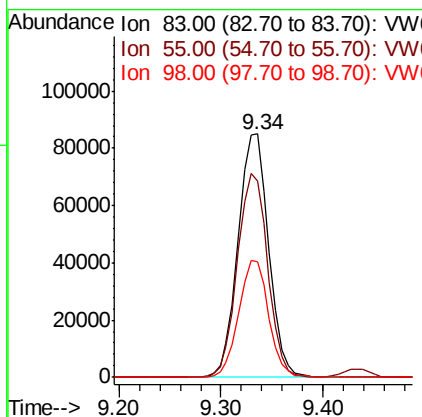
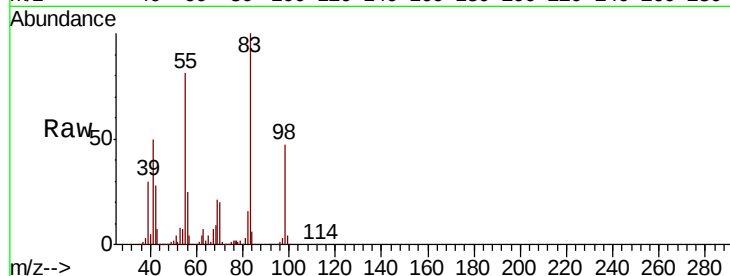
#39
Methylcyclohexane
Concen: 45.960 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. -0.00 min
Lab File: VW012958.D
Acq: 13 Sep 2019 16:55

Instrument :
MSVOA_W
ClientSampleId :
ICVW091419

Tgt Ion	Ratio	Lower	Upper
83	100		
55	80.6	65.9	98.9
98	47.4	39.6	59.4

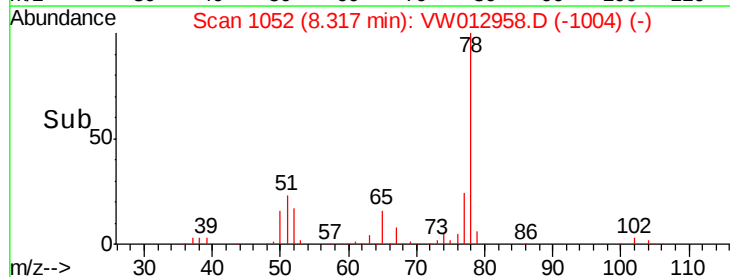
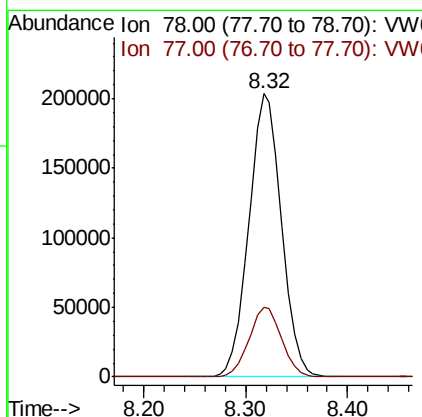
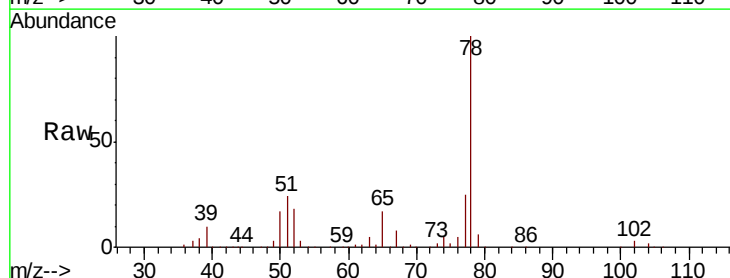
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#40
Benzene
Concen: 46.001 ug/l
RT: 8.32 min Scan# 1052
Delta R.T. -0.01 min
Lab File: VW012958.D
Acq: 13 Sep 2019 16:55

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.5	19.6	29.4





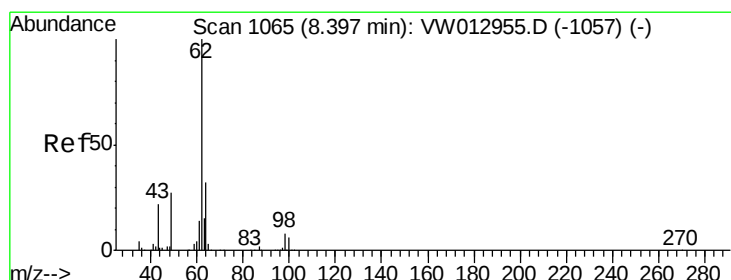
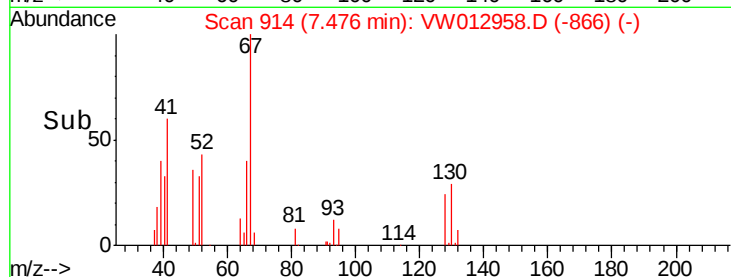
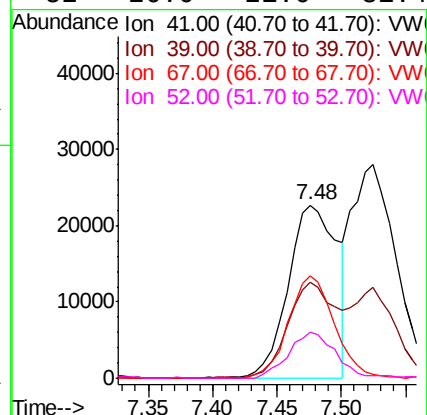
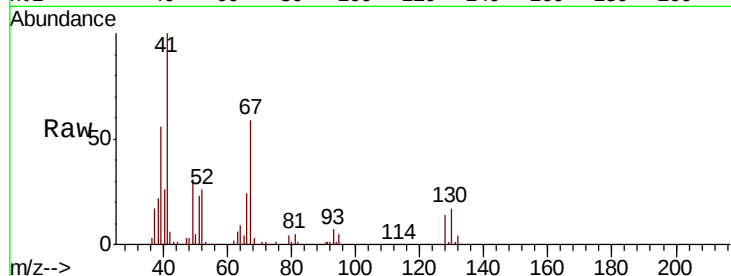
#41
Methacrylonitrile
Concen: 49.004 ug/l
RT: 7.48 min Scan# 914
Delta R.T. -0.01 min
Lab File: VW012958.D
Acq: 13 Sep 2019 16:55

Instrument :
MSVOA_W
ClientSampleId :
ICVW091419

Tgt Ion	Ratio	Lower	Upper
41	100		
39	53.4	48.2	72.4
67	55.6	47.5	71.3
52	26.0	21.0	31.4

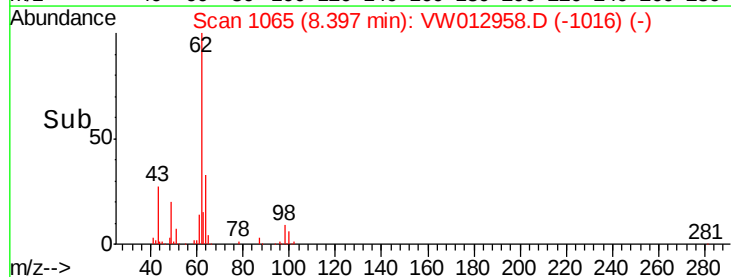
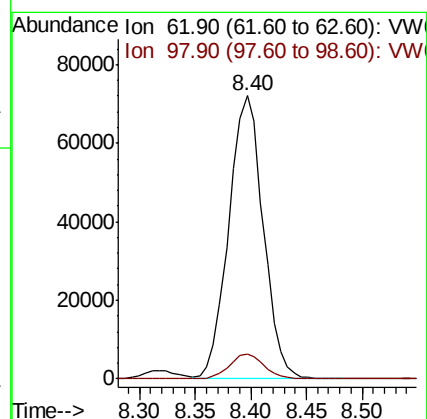
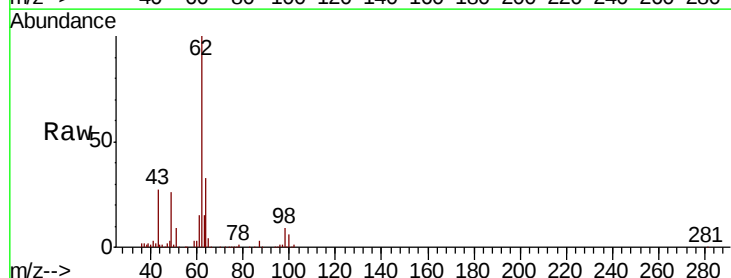
Manual Integrations
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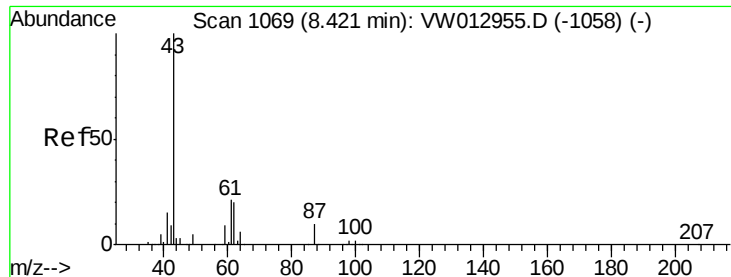
MMDadoda
9/16/2019 12:43:46 AM



#42
1,2-Dichloroethane
Concen: 46.959 ug/l
RT: 8.40 min Scan# 1065
Delta R.T. -0.00 min
Lab File: VW012958.D
Acq: 13 Sep 2019 16:55

Tgt Ion	Ratio	Lower	Upper
62	100		
98	8.7	0.0	16.8





#43

Isopropyl Acetate

Concen: 48.579 ug/l

RT: 8.42 min Scan# 1069

Delta R.T. -0.00 min

Lab File: VW012958.D

Acq: 13 Sep 2019 16:55

Instrument :

MSVOA_W

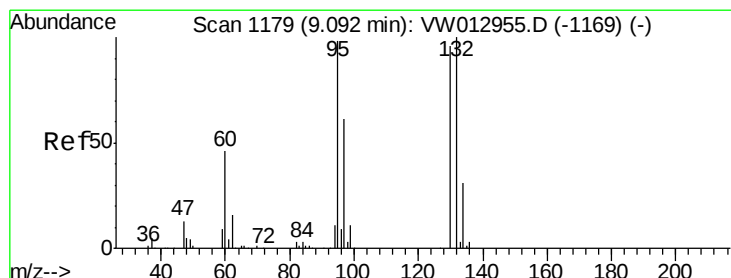
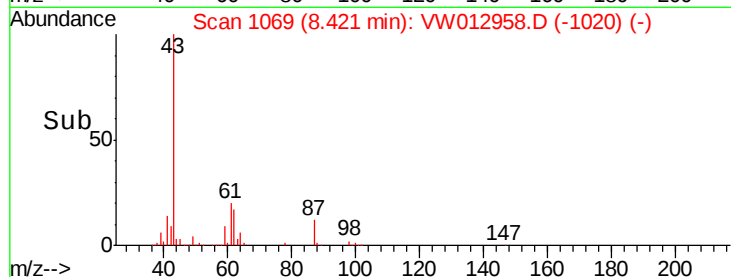
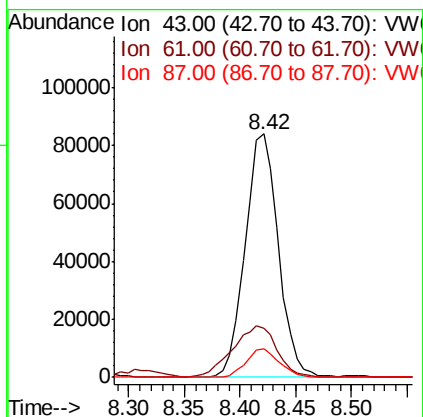
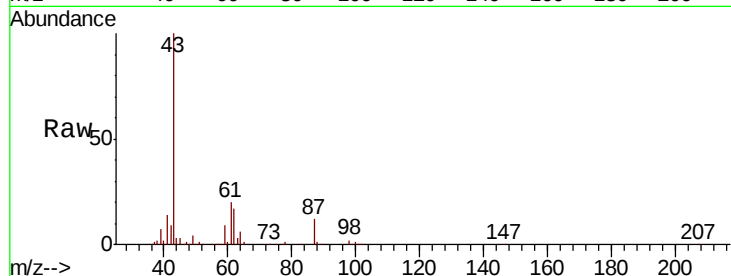
ClientSampleId :

ICVW091419

Tgt Ion:	43	Resp:	174019
Ion	Ratio	Lower	Upper
43	100		
61	28.1	22.7	34.1
87	11.8	9.4	14.2

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#44

Trichloroethene

Concen: 45.028 ug/l

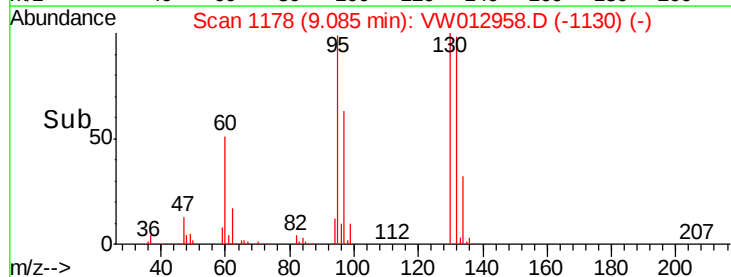
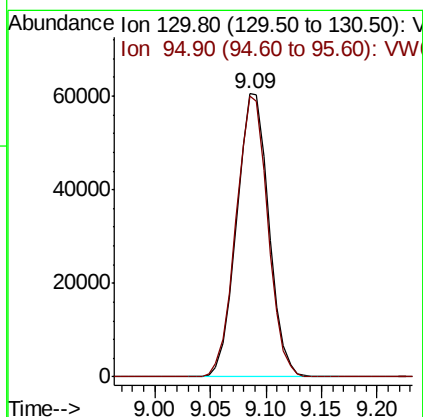
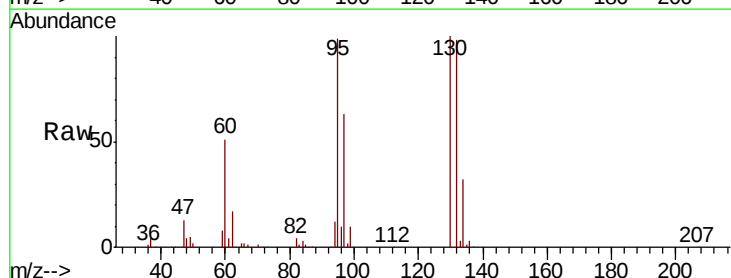
RT: 9.09 min Scan# 1178

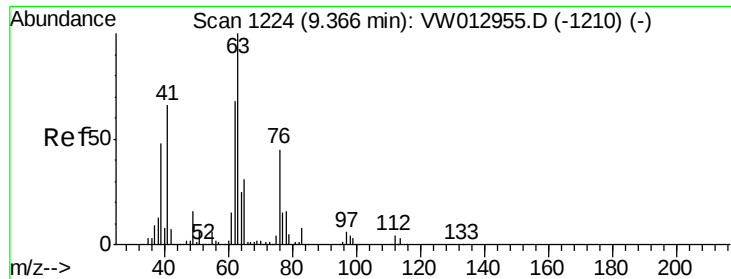
Delta R.T. -0.01 min

Lab File: VW012958.D

Acq: 13 Sep 2019 16:55

Tgt Ion:	130	Resp:	121023
Ion	Ratio	Lower	Upper
130	100		
95	99.4	0.0	204.4





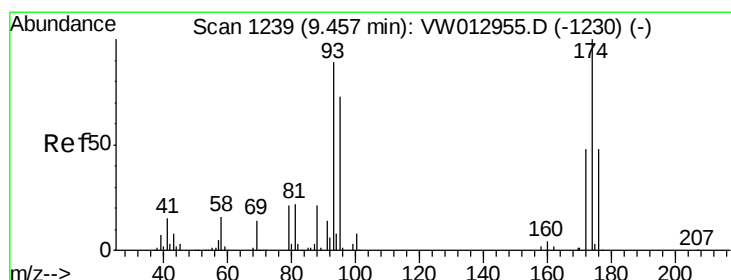
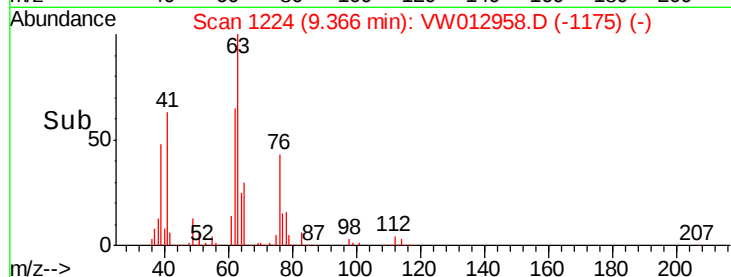
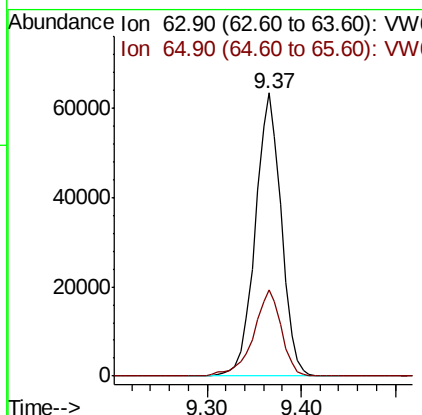
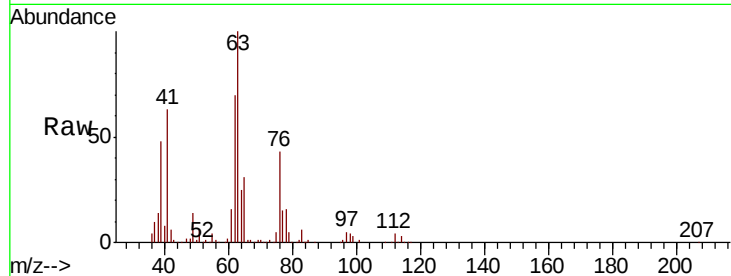
#45
 1,2-Dichloropropane
 Concen: 47.142 ug/l
 RT: 9.37 min Scan# 1224
 Delta R.T. -0.00 min
 Lab File: VW012958.D
 Acq: 13 Sep 2019 16:55

Instrument :
 MSVOA_W
 ClientSampleId :
 ICVVW091419

Tgt Ion: 63 Resp: 122900
 Ion Ratio Lower Upper
 63 100
 65 30.7 24.6 37.0

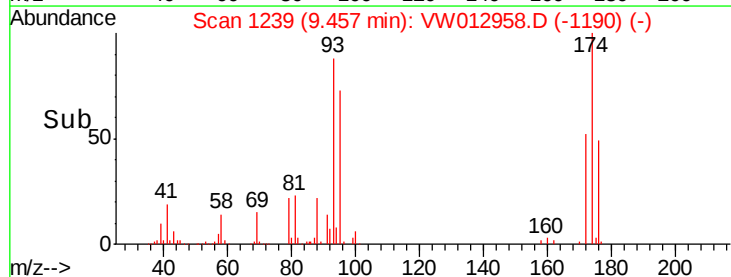
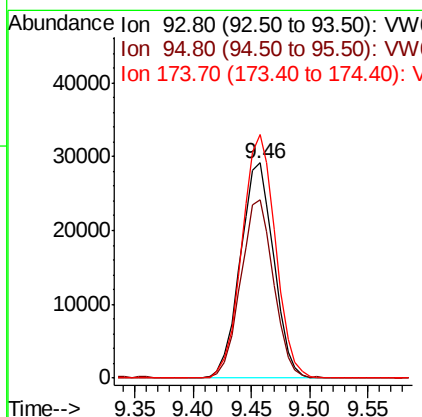
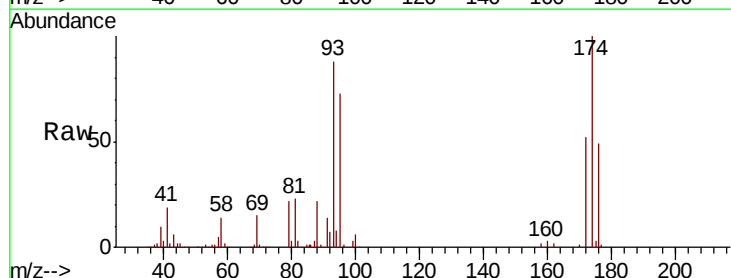
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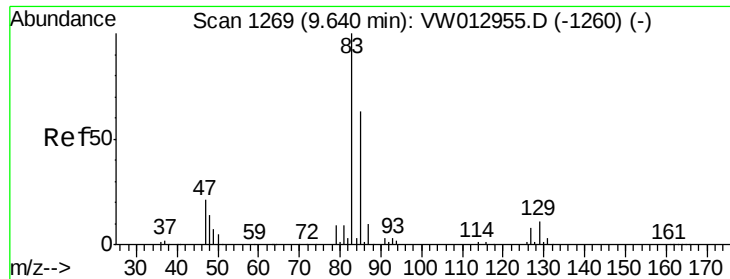
MMDadoda
 9/16/2019 12:43:46 AM



#46
 Dibromomethane
 Concen: 46.757 ug/l
 RT: 9.46 min Scan# 1239
 Delta R.T. -0.00 min
 Lab File: VW012958.D
 Acq: 13 Sep 2019 16:55

Tgt Ion: 93 Resp: 58400
 Ion Ratio Lower Upper
 93 100
 95 81.7 67.0 100.4
 174 113.0 90.5 135.7





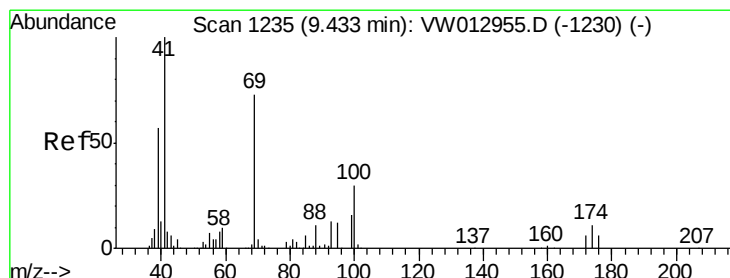
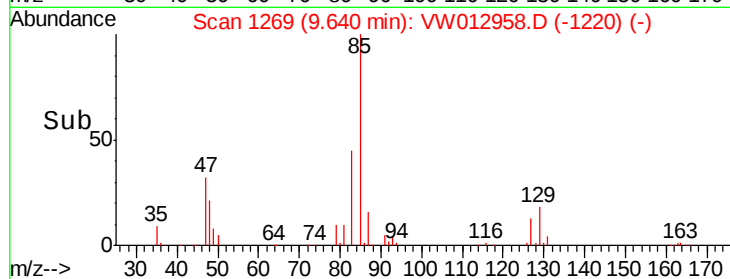
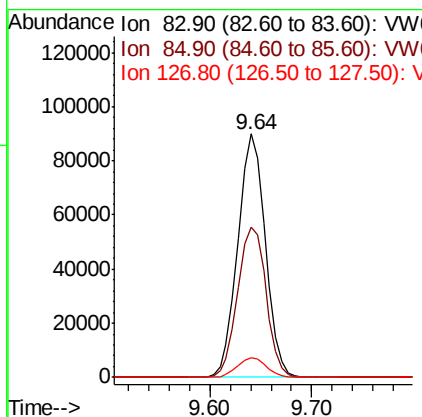
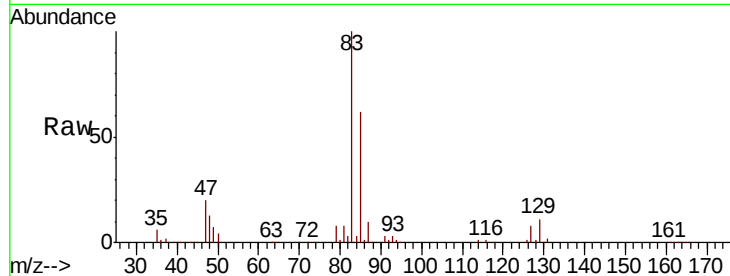
#47
 Bromodichloromethane
 Concen: 47.979 ug/l
 RT: 9.64 min Scan# 1269
 Delta R.T. -0.00 min
 Lab File: VW012958.D
 Acq: 13 Sep 2019 16:55

Instrument :
 MSVOA_W
 ClientSampleId :
 ICVVW091419

Tgt Ion	Ratio	Resp	Lower	Upper
83	100	168094		
85	61.9	50.6	75.8	
127	8.2	6.7	10.1	

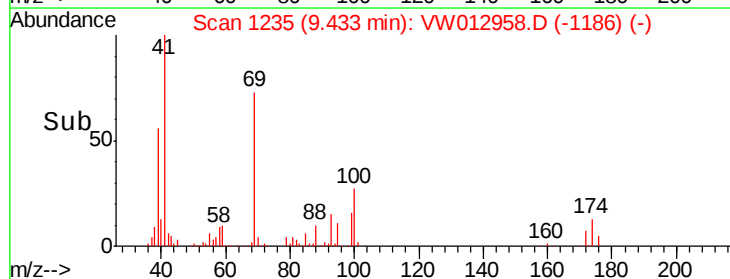
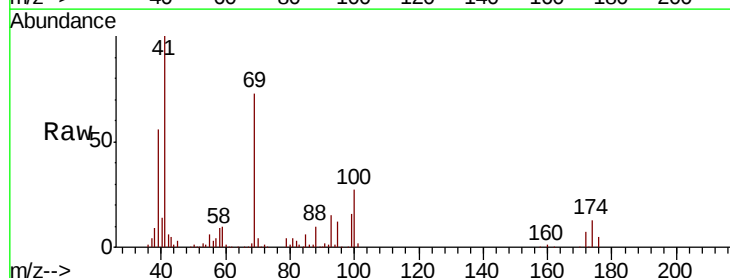
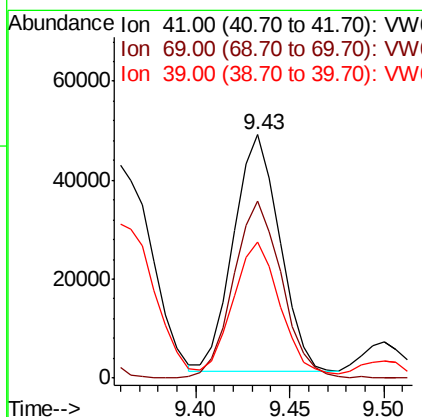
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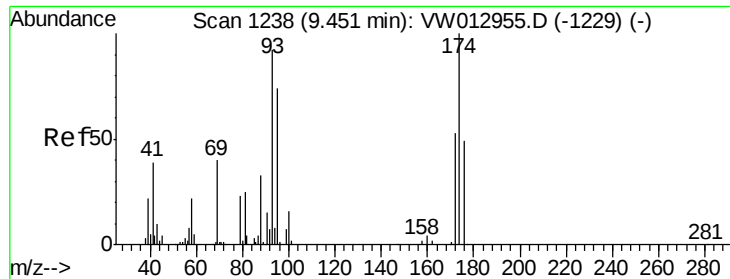
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 9/16/2019 12:43:46 AM



#48
 Methyl methacrylate
 Concen: 48.463 ug/l
 RT: 9.43 min Scan# 1235
 Delta R.T. -0.00 min
 Lab File: VW012958.D
 Acq: 13 Sep 2019 16:55

Tgt Ion	Ratio	Resp	Lower	Upper
41	100	81474		
69	77.6	62.8	94.2	
39	59.6	48.5	72.7	





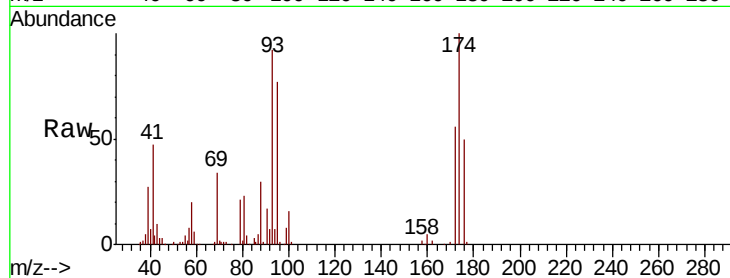
#49
1,4-Dioxane
Concen: 900.002 ug/l
RT: 9.45 min Scan# 1238
Delta R.T. -0.00 min
Lab File: VW012958.D
Acq: 13 Sep 2019 16:55

Instrument :
MSVOA_W
ClientSampleId :
ICVW091419

Tgt Ion	Ratio	Resp	Lower	Upper
88	100	18836		
43	35.9	31.3	46.9	
58	77.8	60.2	90.2	

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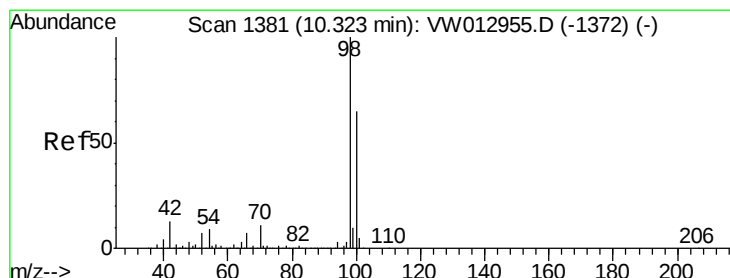
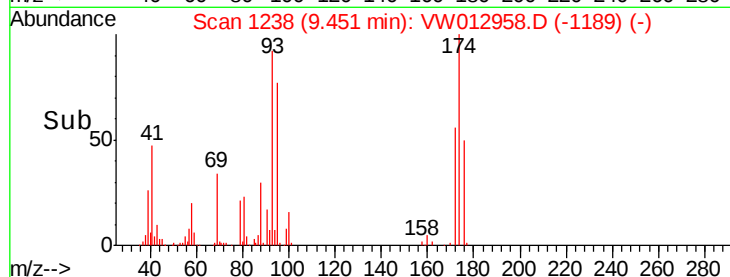
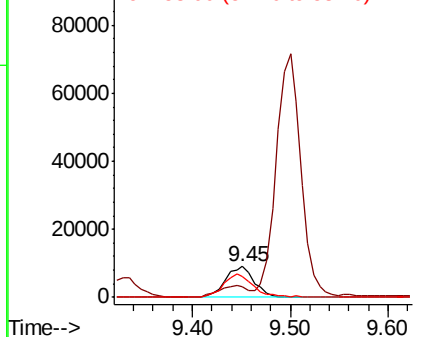


Abundance

Ion 88.00 (87.70 to 88.70): VW

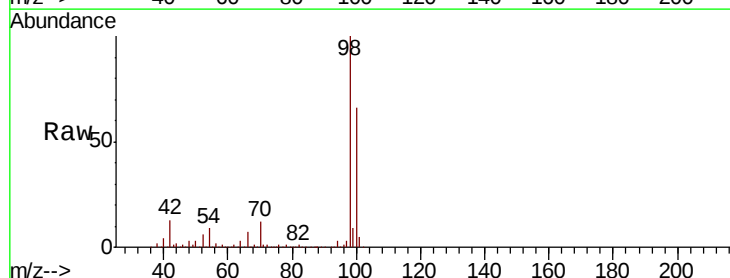
Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#50
Toluene-d8
Concen: 51.268 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW012958.D
Acq: 13 Sep 2019 16:55

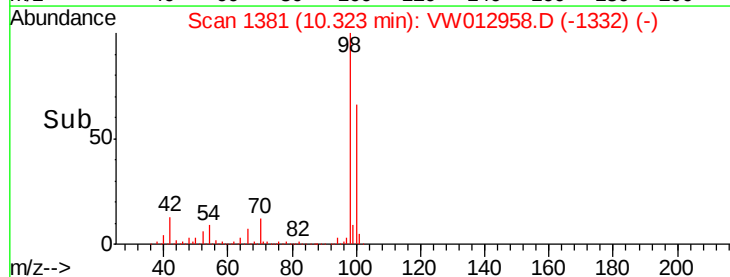
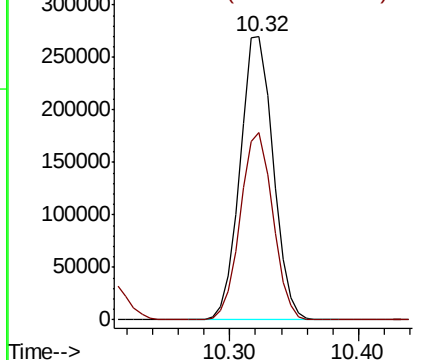
Tgt Ion	Ratio	Resp	Lower	Upper
98	100	478825		
100	65.1	52.1	78.1	

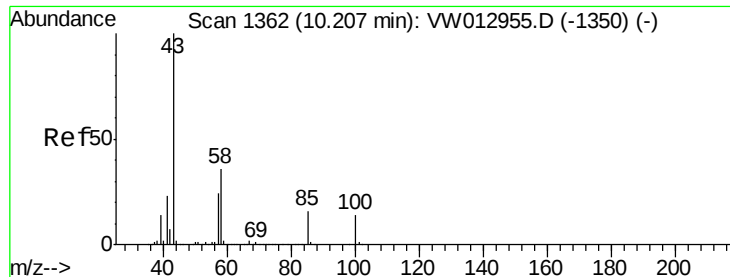


Abundance

Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW





#51

4-Methyl-2-Pentanone

Concen: 242.126 ug/l

RT: 10.21 min Scan# 1362

Delta R.T. -0.00 min

Lab File: VW012958.D

Acq: 13 Sep 2019 16:55

Instrument :

MSVOA_W

ClientSampleId :

ICVW091419

Tgt Ion: 43 Resp: 447783

Ion Ratio Lower Upper

43 100

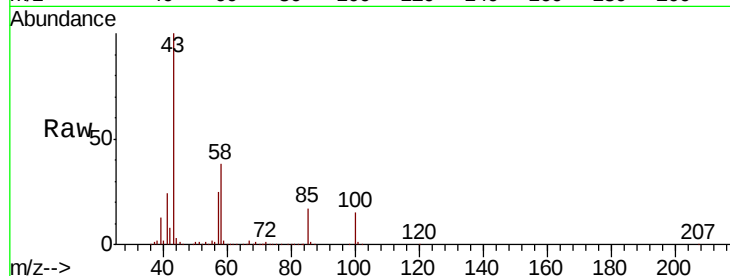
58 37.1 29.5 44.3

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Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

10.21

250000

200000

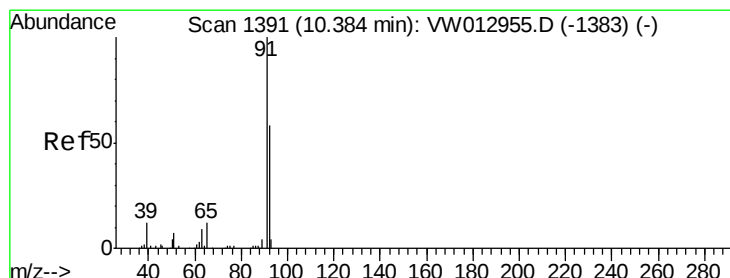
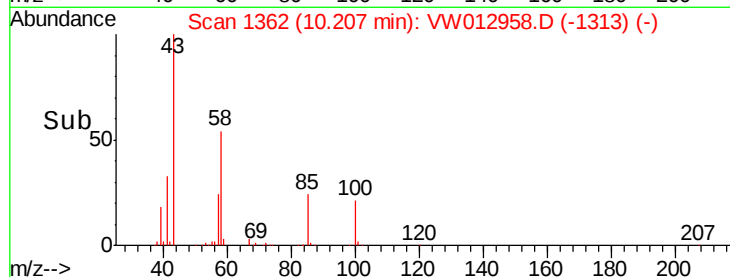
150000

100000

50000

0

Time-->



#52

Toluene

Concen: 46.973 ug/l

RT: 10.38 min Scan# 1391

Delta R.T. -0.00 min

Lab File: VW012958.D

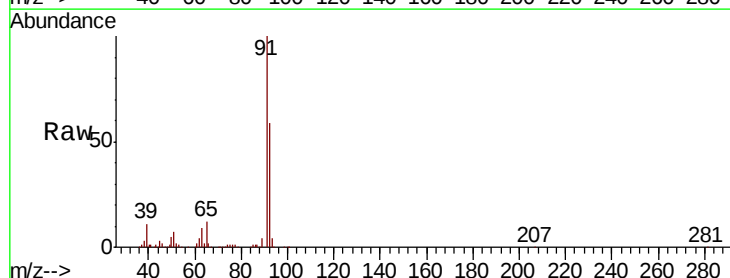
Acq: 13 Sep 2019 16:55

Tgt Ion: 92 Resp: 292889

Ion Ratio Lower Upper

92 100

91 169.3 137.5 206.3



Abundance Ion 92.00 (91.70 to 92.70): VW

Ion 91.00 (90.70 to 91.70): VW

10.38

300000

250000

200000

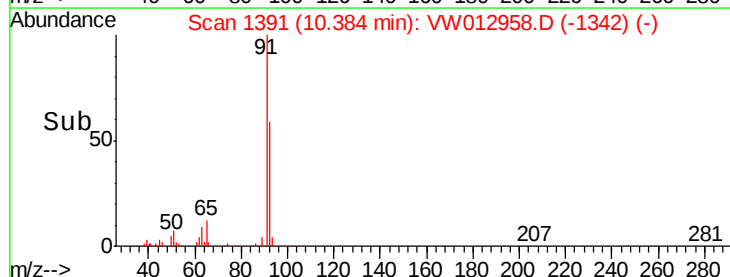
150000

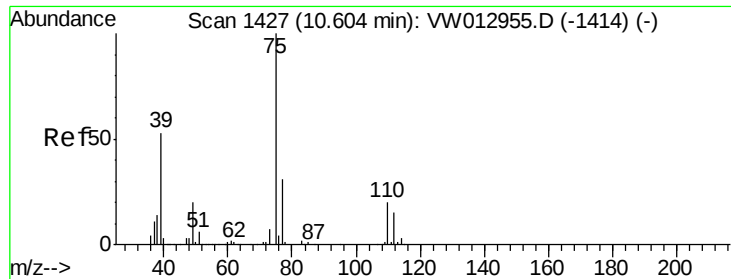
100000

50000

0

Time-->





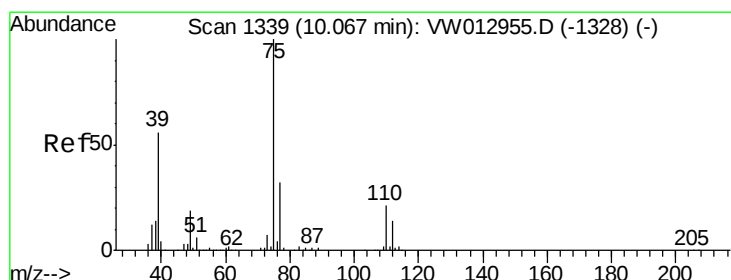
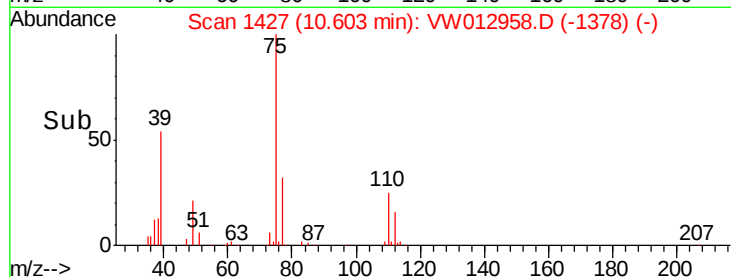
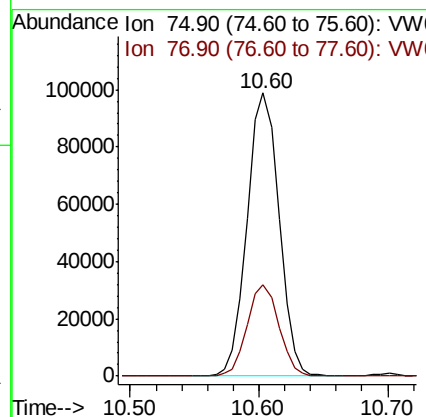
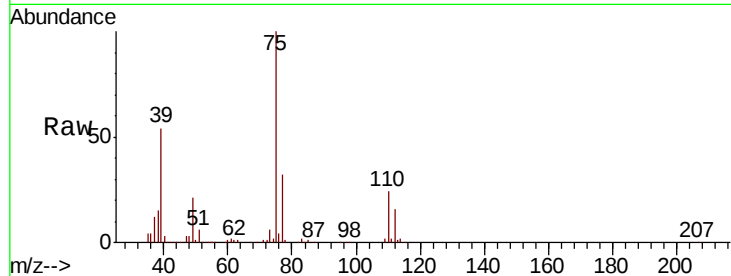
#53
t-1,3-Dichloropropene
Concen: 48.008 ug/l
RT: 10.60 min Scan# 1427
Delta R.T. -0.00 min
Lab File: VW012958.D
Acq: 13 Sep 2019 16:55

Instrument :
MSVOA_W
ClientSampled :
ICVW091419

Tgt Ion: 75 Resp: 169158
Ion Ratio Lower Upper
75 100
77 32.4 24.6 37.0

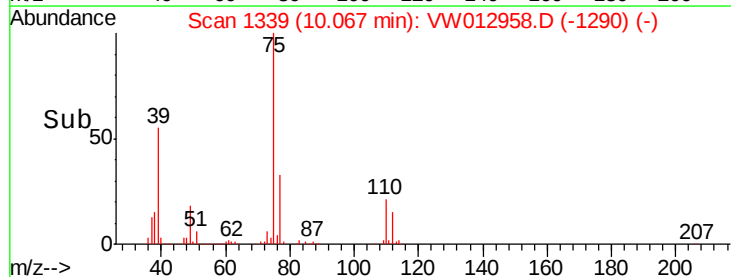
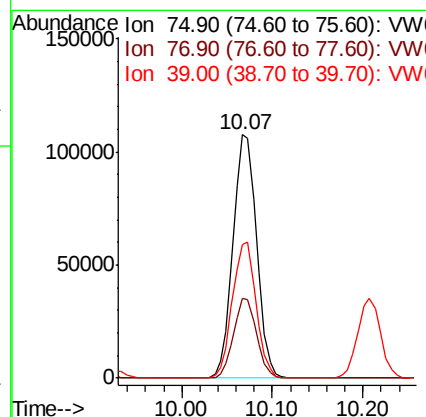
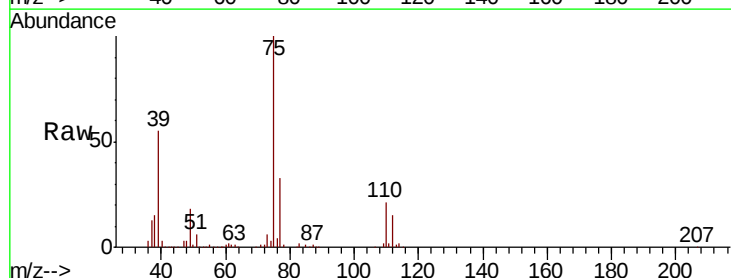
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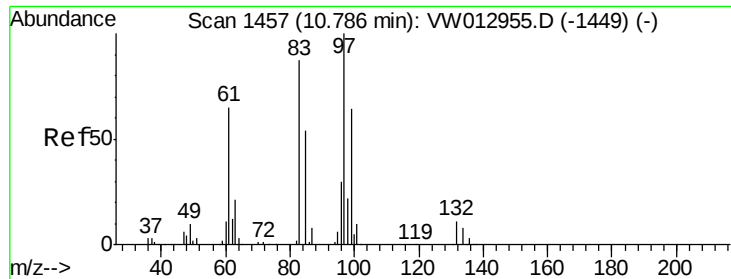
MMDadoda
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#54
cis-1,3-Dichloropropene
Concen: 48.503 ug/l
RT: 10.07 min Scan# 1339
Delta R.T. -0.00 min
Lab File: VW012958.D
Acq: 13 Sep 2019 16:55

Tgt Ion: 75 Resp: 195542
Ion Ratio Lower Upper
75 100
77 32.5 25.5 38.3
39 55.1 45.0 67.6





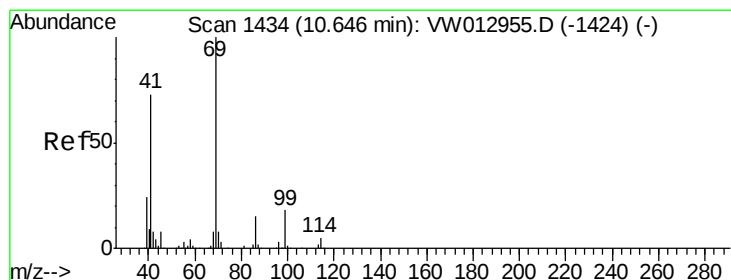
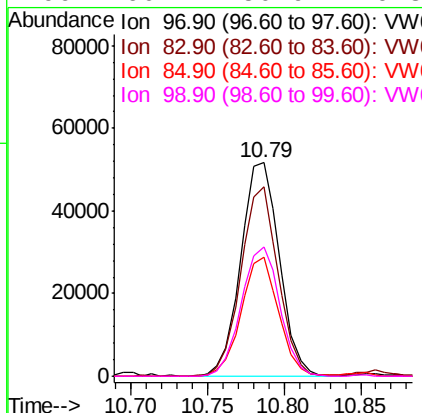
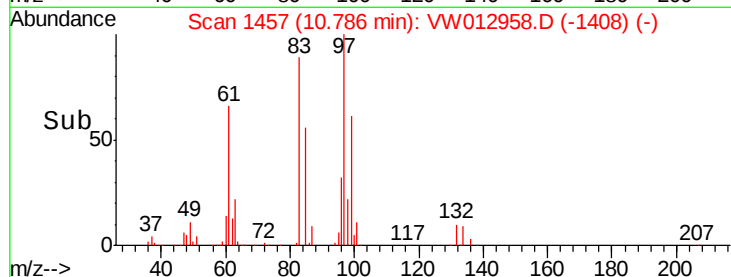
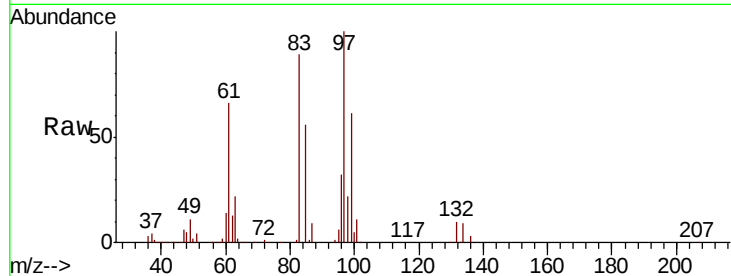
#55
 1,1,2-Trichloroethane
 Concen: 47.728 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. -0.00 min
 Lab File: VW012958.D
 Acq: 13 Sep 2019 16:55

Instrument :
 MSVOA_W
 ClientSampleId :
 ICVVW091419

Tgt Ion	Ratio	Lower	Upper
97	100		
83	88.7	69.4	104.0
85	56.0	43.3	64.9
99	60.7	50.9	76.3

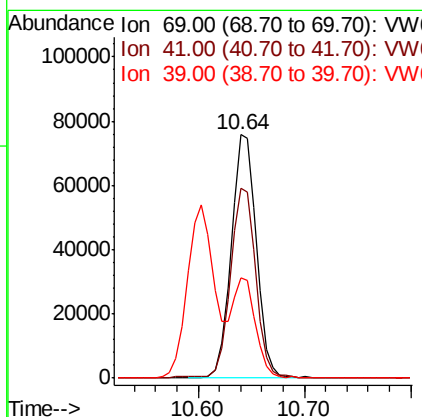
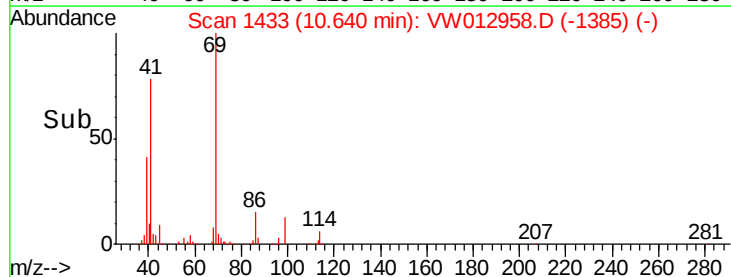
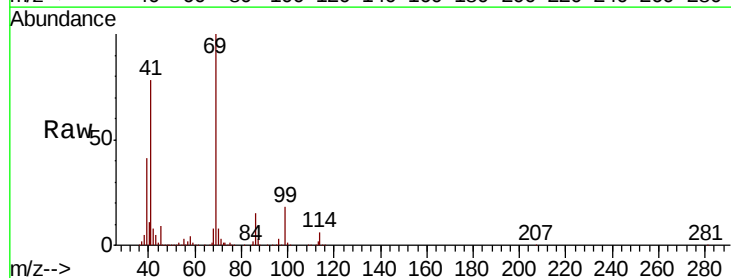
Manual Integrations
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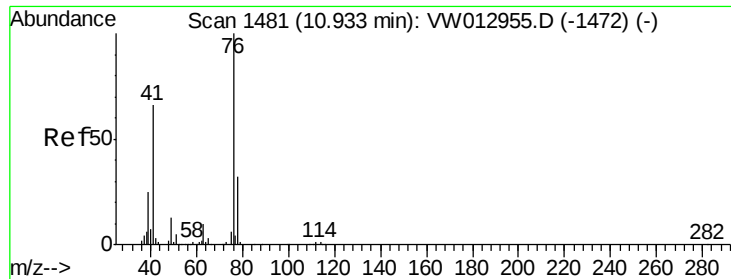
MMDadoda
 9/16/2019 12:43:46 AM



#56
 Ethyl methacrylate
 Concen: 49.048 ug/l
 RT: 10.64 min Scan# 1433
 Delta R.T. -0.01 min
 Lab File: VW012958.D
 Acq: 13 Sep 2019 16:55

Tgt Ion	Ratio	Lower	Upper
69	100		
41	77.1	60.8	91.2
39	35.4	29.4	44.0





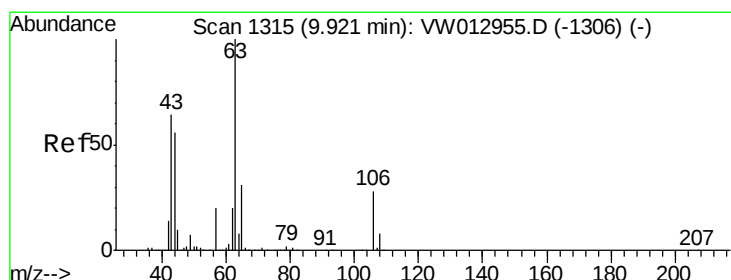
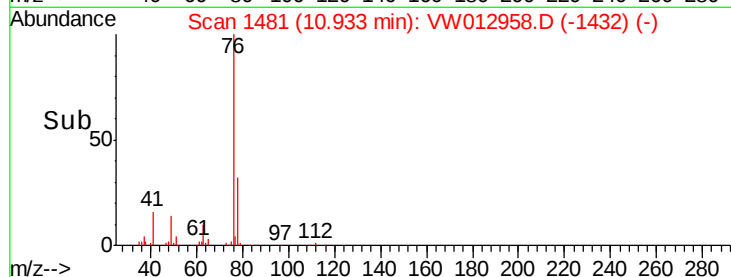
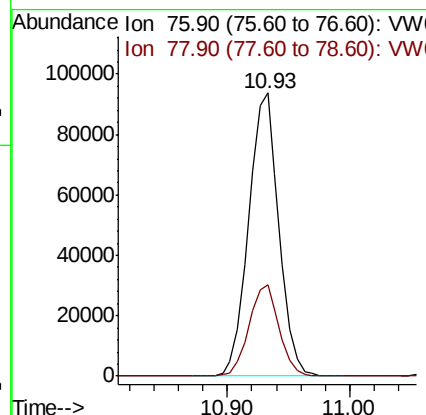
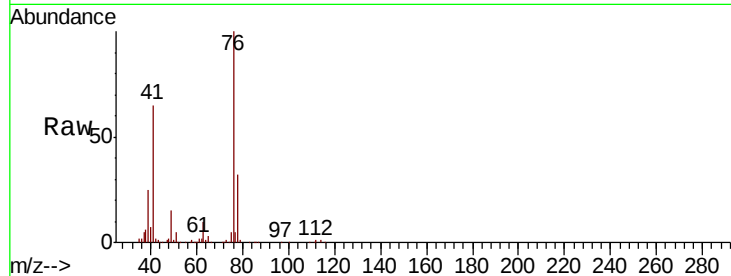
#57
 1,3-Dichloropropane
 Concen: 47.426 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. -0.00 min
 Lab File: VW012958.D
 Acq: 13 Sep 2019 16:55

Instrument :
 MSVOA_W
 ClientSampleId :
 ICVVW091419

Tgt Ion: 76 Resp: 160078
 Ion Ratio Lower Upper
 76 100
 78 32.1 25.6 38.4

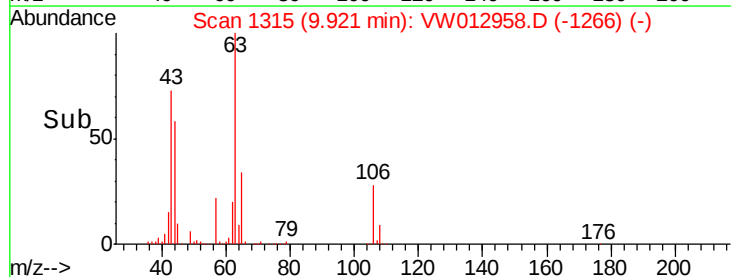
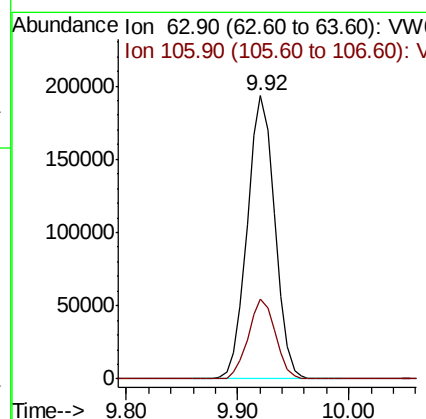
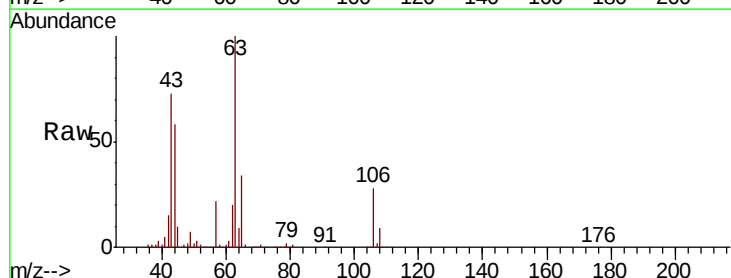
Manual Integrations
 APPROVED

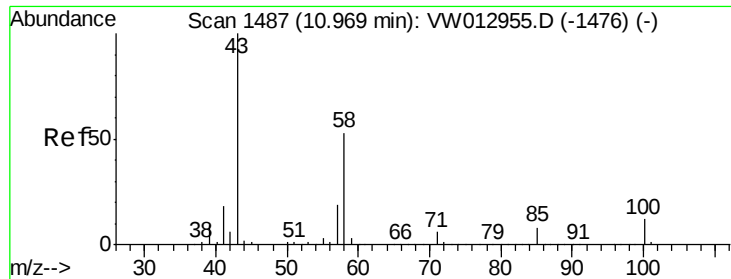
MMDadoda
 9/16/2019 12:43:46 AM



#58
 2-Chloroethyl Vinyl ether
 Concen: 241.998 ug/l
 RT: 9.92 min Scan# 1315
 Delta R.T. -0.00 min
 Lab File: VW012958.D
 Acq: 13 Sep 2019 16:55

Tgt Ion: 63 Resp: 332475
 Ion Ratio Lower Upper
 63 100
 106 27.9 22.2 33.2





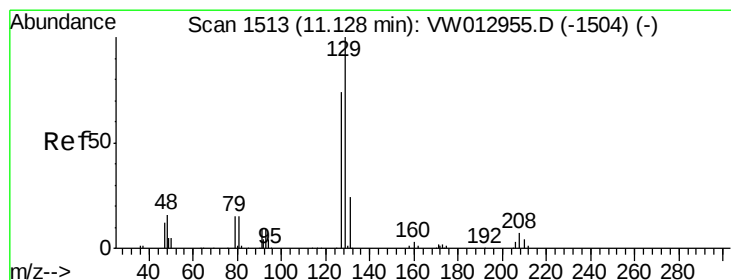
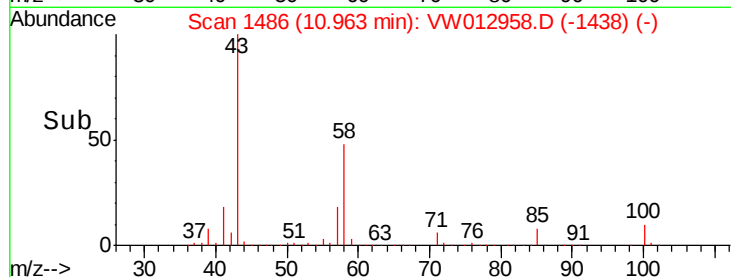
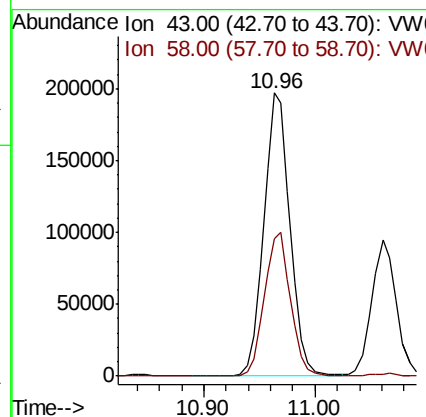
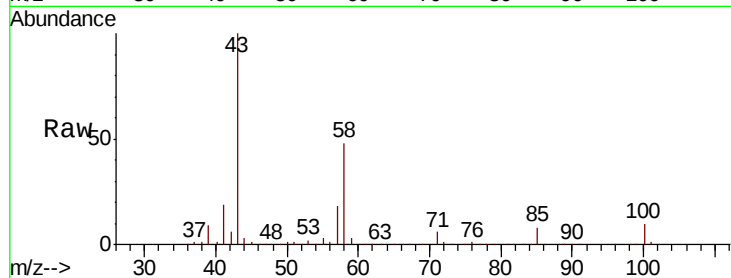
#59
2-Hexanone
Concen: 250.052 ug/l
RT: 10.96 min Scan# 1486
Delta R.T. -0.01 min
Lab File: VW012958.D
Acq: 13 Sep 2019 16:55

Instrument :
MSVOA_W
ClientSampleId :
ICVW091419

Tgt Ion: 43 Resp: 322003
Ion Ratio Lower Upper
43 100
58 50.8 25.8 77.3

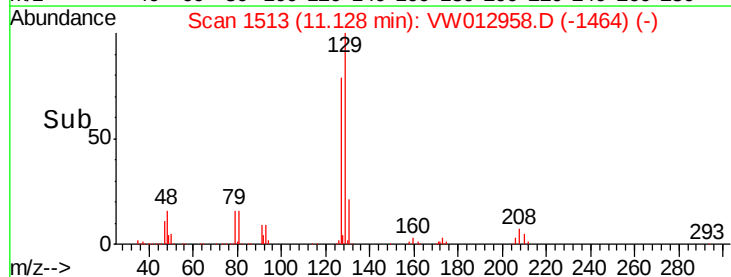
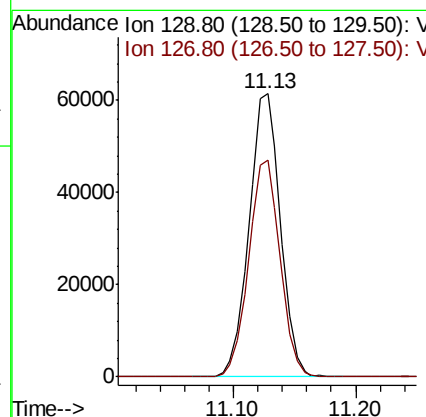
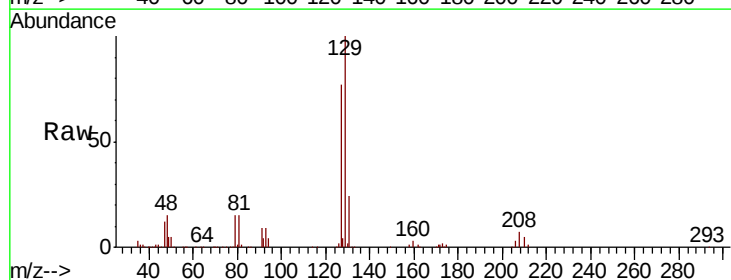
Manual Integrations
APPROVED

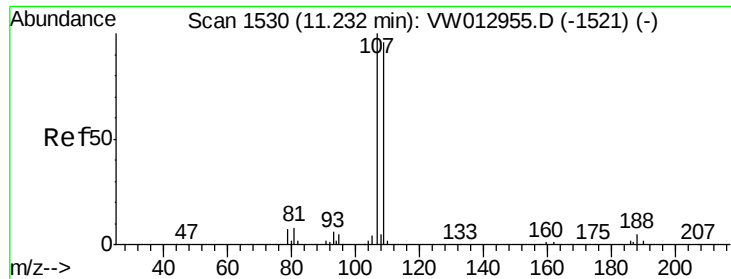
MMDadoda
9/16/2019 12:43:46 AM



#60
Dibromochloromethane
Concen: 47.558 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VW012958.D
Acq: 13 Sep 2019 16:55

Tgt Ion: 129 Resp: 109402
Ion Ratio Lower Upper
129 100
127 76.6 37.4 112.2





#61

1,2-Dibromoethane

Concen: 46.287 ug/l

RT: 11.23 min Scan# 1530

Delta R.T. -0.00 min

Lab File: VW012958.D

Acq: 13 Sep 2019 16:55

Instrument :

MSVOA_W

ClientSampleId :

ICVW091419

Tgt Ion: 107 Resp: 80342

Ion Ratio Lower Upper

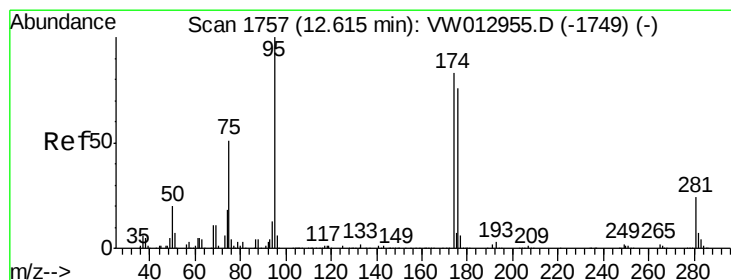
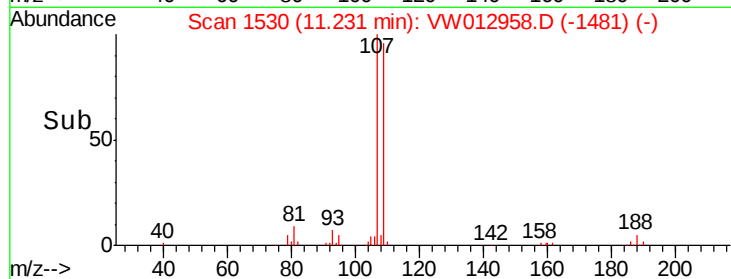
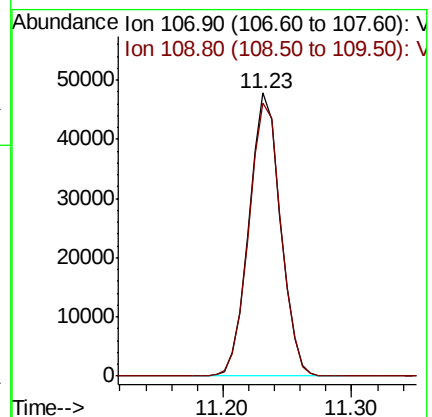
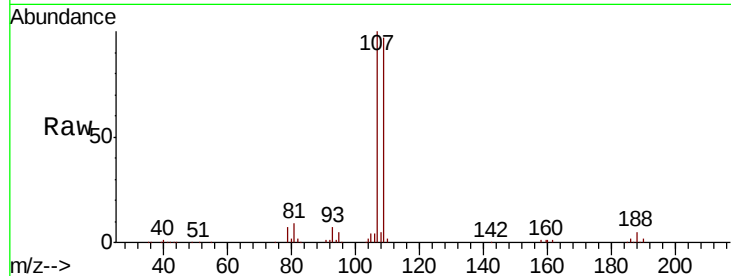
107 100

109 98.7 75.0 112.6

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#62

4-Bromofluorobenzene

Concen: 48.983 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.00 min

Lab File: VW012958.D

Acq: 13 Sep 2019 16:55

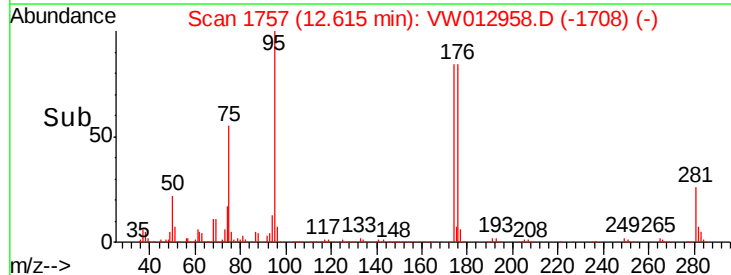
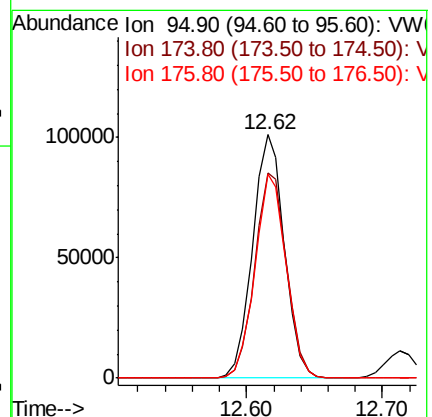
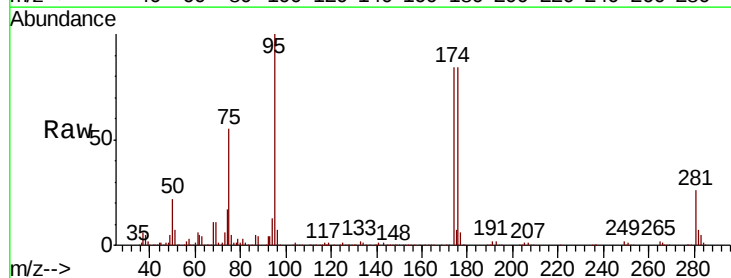
Tgt Ion: 95 Resp: 164503

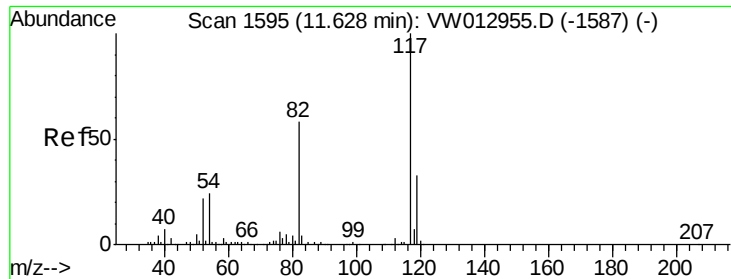
Ion Ratio Lower Upper

95 100

174 85.3 0.0 170.4

176 82.9 0.0 164.6





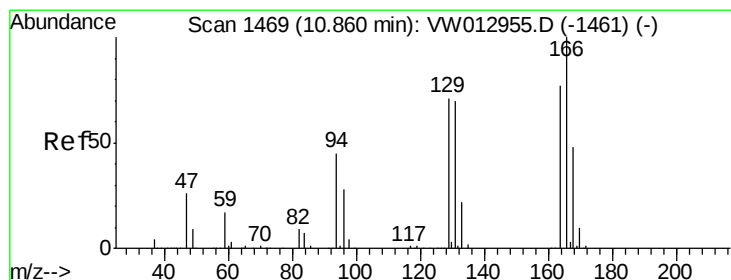
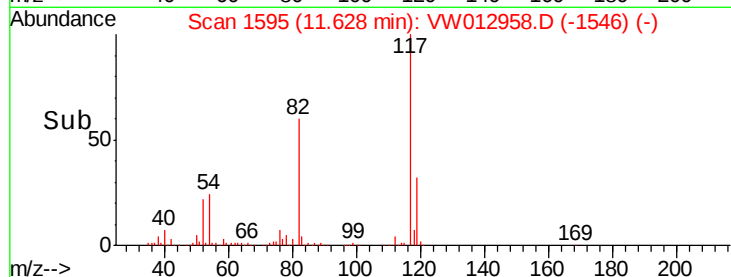
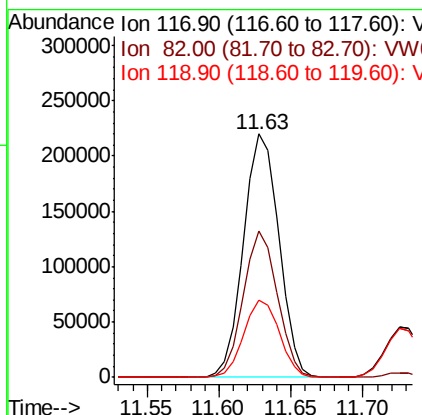
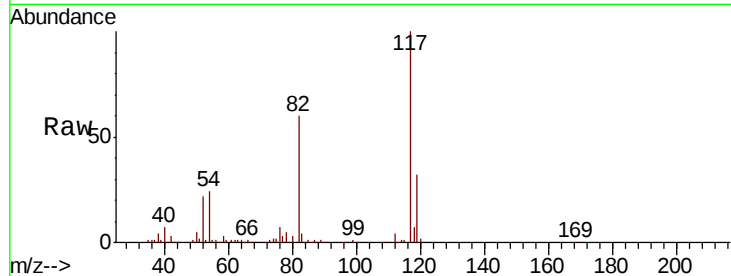
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.00 min
Lab File: VW012958.D
Acq: 13 Sep 2019 16:55

Instrument :
MSVOA_W
ClientSampleId :
ICVW091419

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	374851		
82	60.3	46.3	69.5	
119	31.8	26.2	39.4	

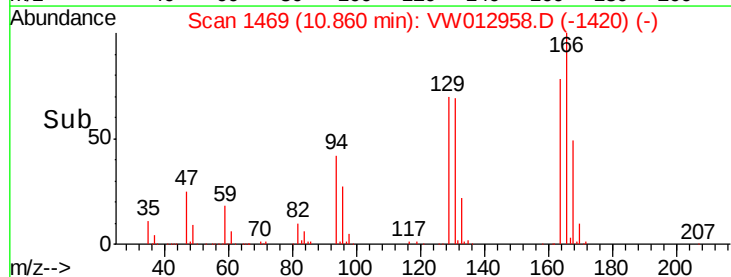
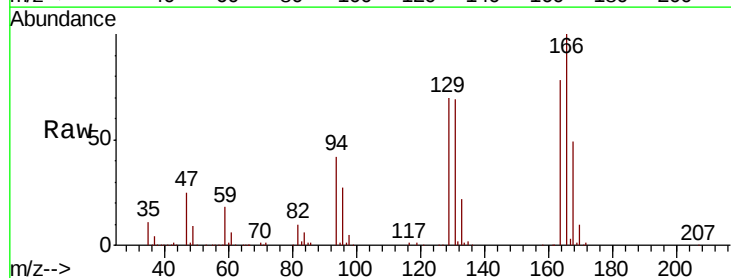
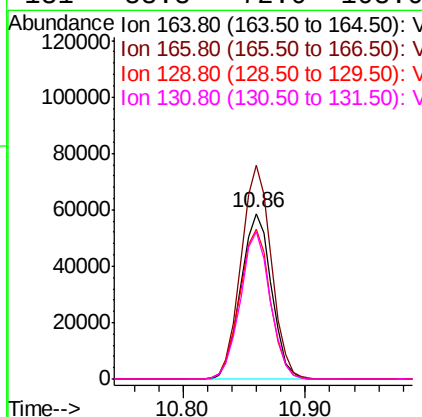
Manual Integrations
APPROVED

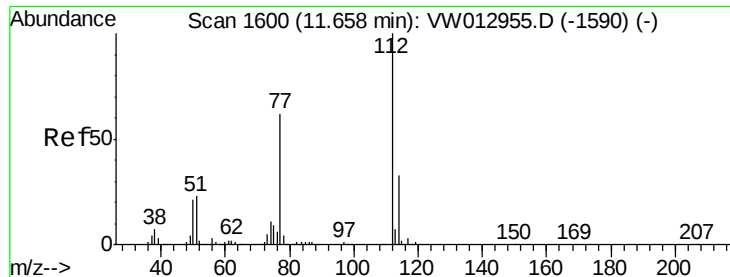
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#64
Tetrachloroethene
Concen: 45.738 ug/l
RT: 10.86 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VW012958.D
Acq: 13 Sep 2019 16:55

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	101995		
166	128.9	103.3	154.9	
129	90.2	73.8	110.8	
131	88.8	72.0	108.0	





#65

Chlorobenzene

Concen: 47.583 ug/l

RT: 11.66 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VW012958.D

Acq: 13 Sep 2019 16:55

Instrument :

MSVOA_W

ClientSampleId :

ICVW091419

Tgt Ion:112 Resp: 317707

Ion Ratio Lower Upper

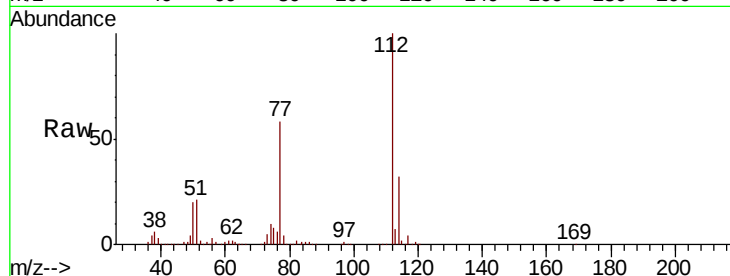
112 100

114 32.1 26.4 39.6

Manual Integrations
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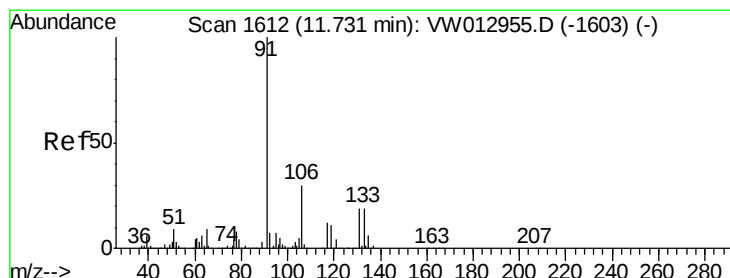
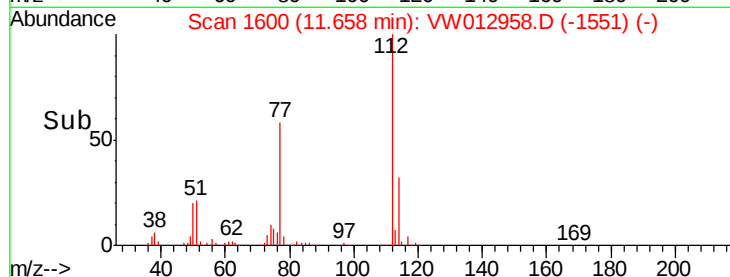
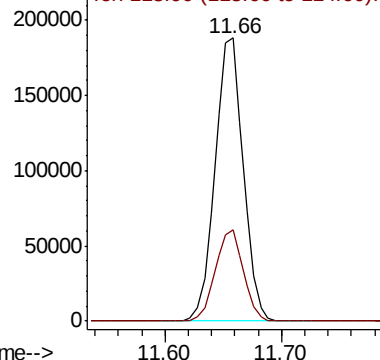
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Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 47.629 ug/l

RT: 11.73 min Scan# 1611

Delta R.T. -0.01 min

Lab File: VW012958.D

Acq: 13 Sep 2019 16:55

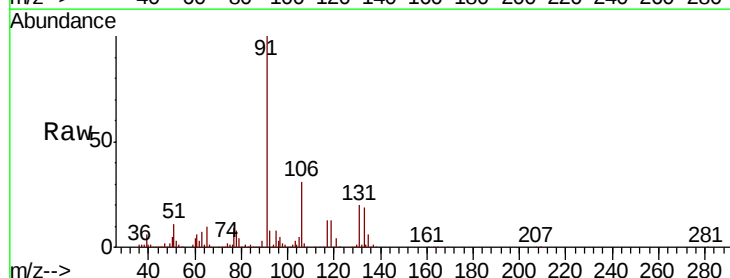
Tgt Ion:131 Resp: 121869

Ion Ratio Lower Upper

131 100

133 94.9 47.9 143.8

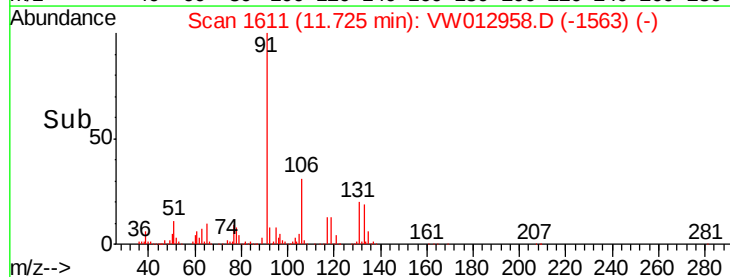
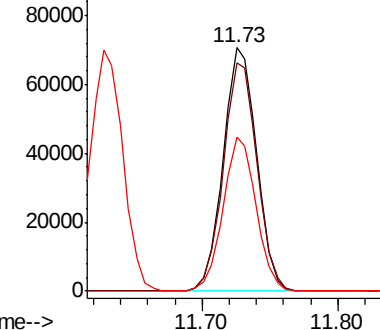
119 62.6 30.9 92.7

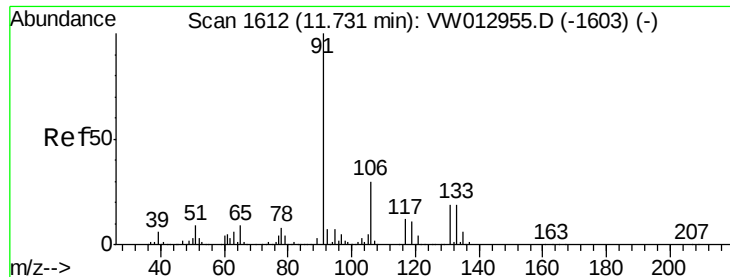


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





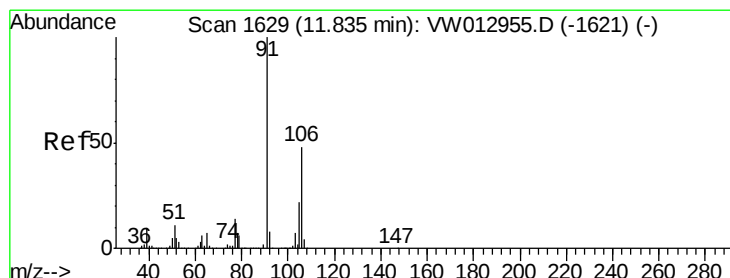
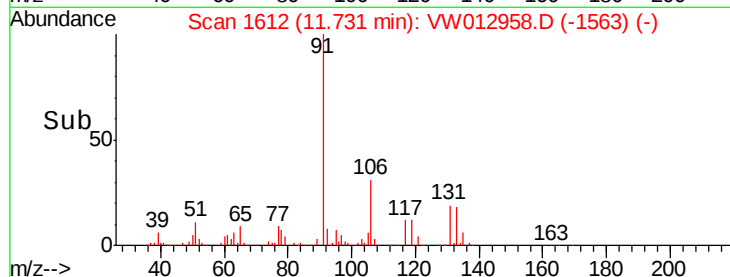
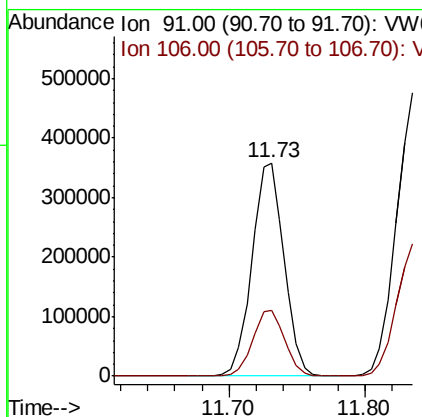
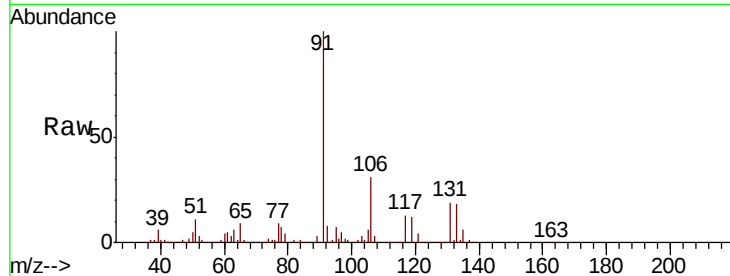
#67
Ethyl Benzene
Concen: 47.947 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW012958.D
Acq: 13 Sep 2019 16:55

Instrument :
MSVOA_W
ClientSampleId :
ICVW091419

Tgt Ion: 91 Resp: 591258
Ion Ratio Lower Upper
91 100
106 30.6 24.3 36.5

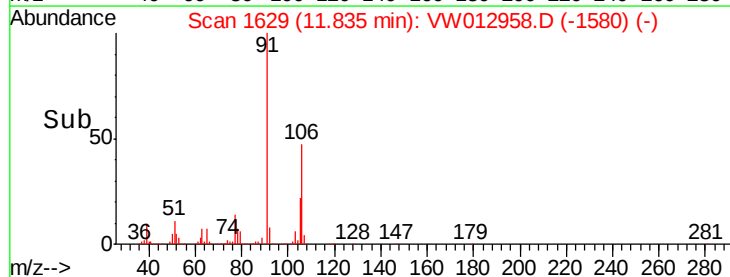
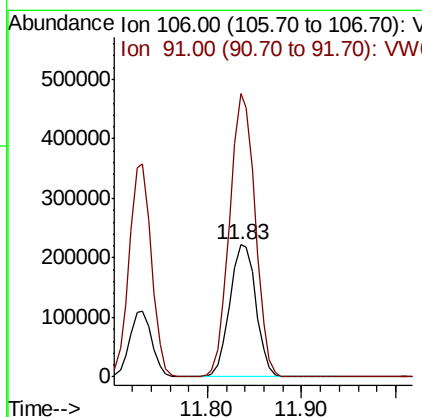
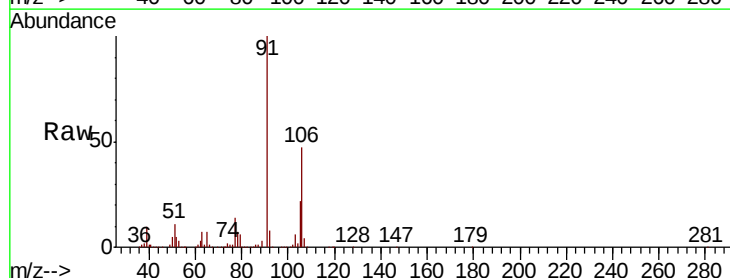
Manual Integrations
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#68
m/p-Xylenes
Concen: 94.832 ug/l
RT: 11.83 min Scan# 1629
Delta R.T. -0.00 min
Lab File: VW012958.D
Acq: 13 Sep 2019 16:55

Tgt Ion: 106 Resp: 427207
Ion Ratio Lower Upper
106 100
91 209.4 165.8 248.8





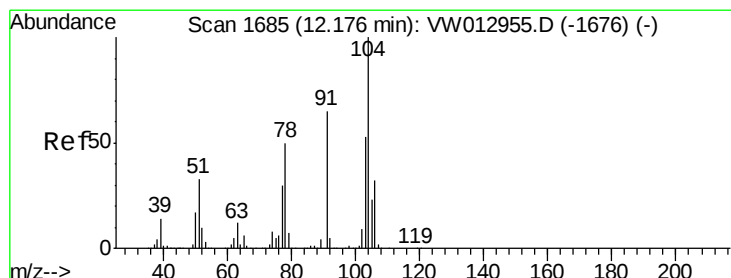
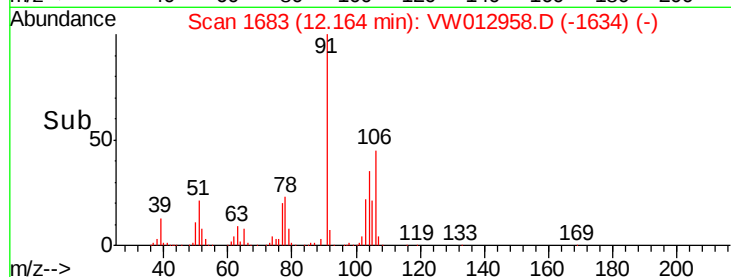
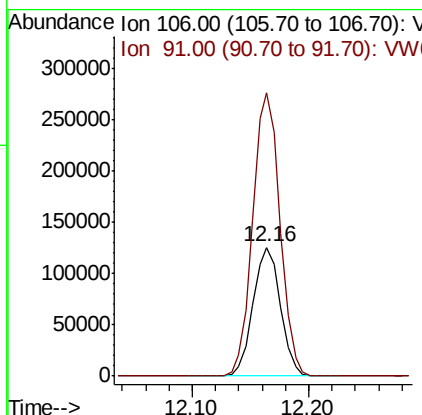
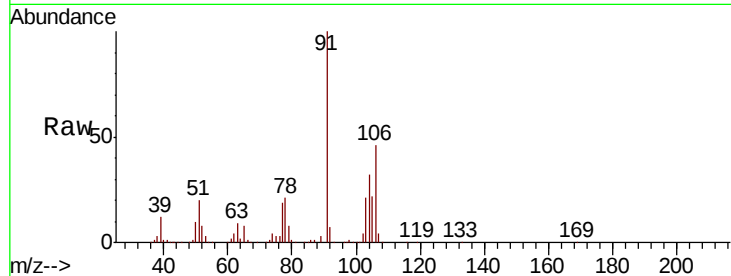
#69
o-Xylene
Concen: 48.470 ug/l
RT: 12.16 min Scan# 1683
Delta R.T. -0.00 min
Lab File: VW012958.D
Acq: 13 Sep 2019 16:55

Instrument :
MSVOA_W
ClientSampleId :
ICVW091419

Tgt Ion:106 Resp: 204709
Ion Ratio Lower Upper
106 100
91 219.3 109.7 329.0

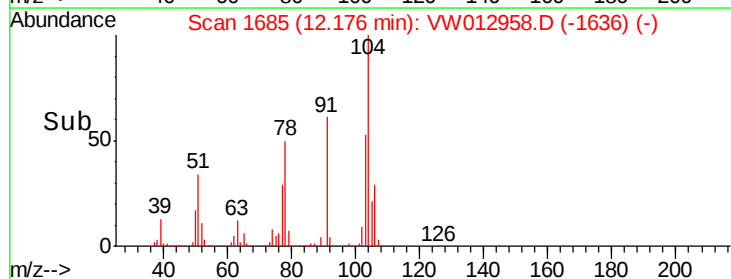
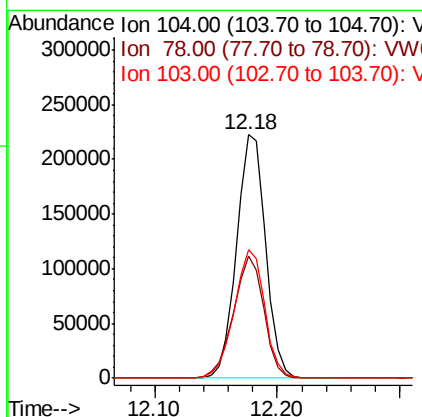
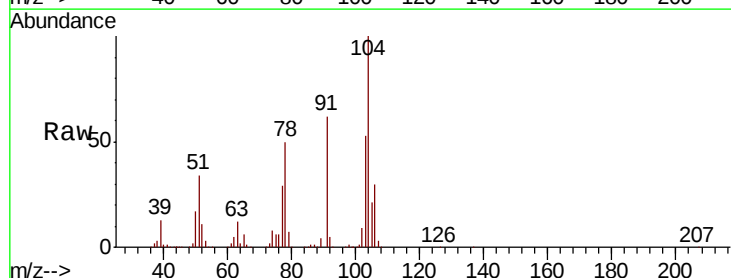
Manual Integrations
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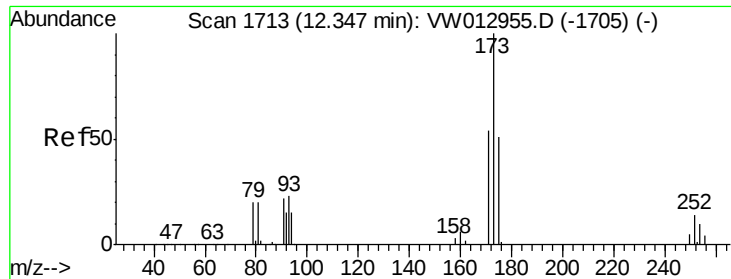
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#70
Styrene
Concen: 48.459 ug/l
RT: 12.18 min Scan# 1685
Delta R.T. -0.00 min
Lab File: VW012958.D
Acq: 13 Sep 2019 16:55

Tgt Ion:104 Resp: 364071
Ion Ratio Lower Upper
104 100
78 52.5 42.1 63.1
103 55.2 44.2 66.4





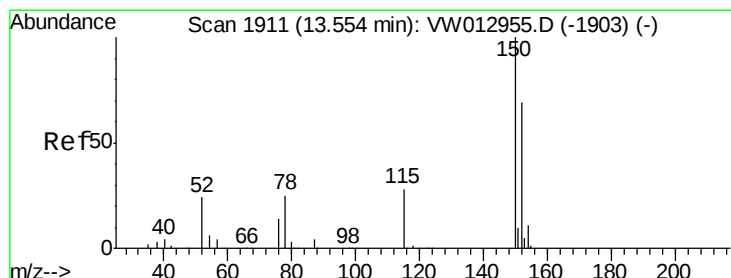
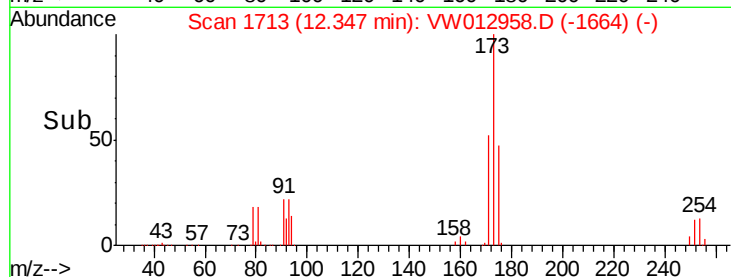
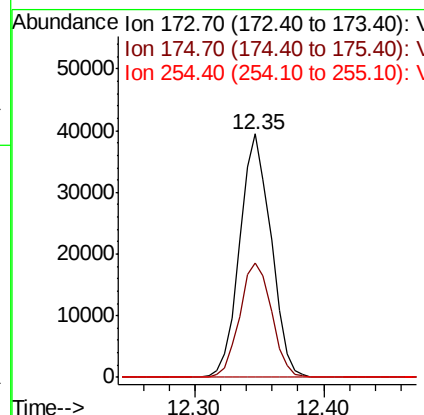
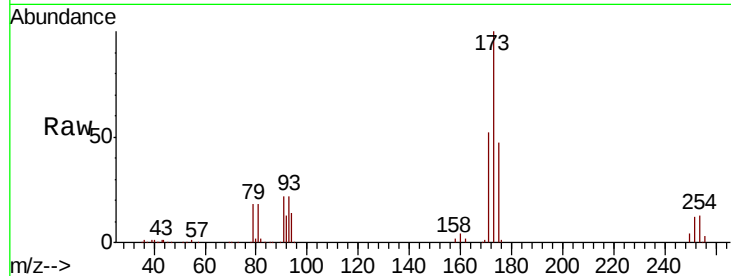
#71
Bromoform
Concen: 49.330 ug/l
RT: 12.35 min Scan# 1713
Delta R.T. -0.00 min
Lab File: VW012958.D
Acq: 13 Sep 2019 16:55

Instrument :
MSVOA_W
ClientSampleId :
ICVW091419

Tgt Ion	Ratio	Resp	Lower	Upper
173	100	66301		
175	47.9	24.2	72.6	
254	0.1	0.1	0.1	

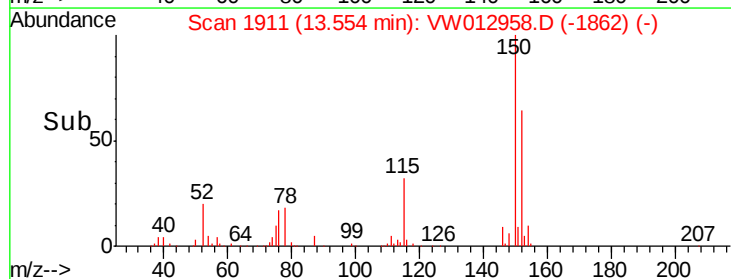
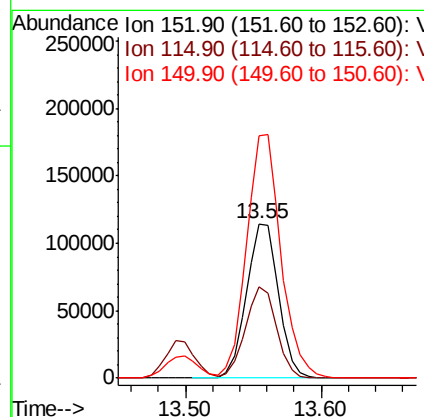
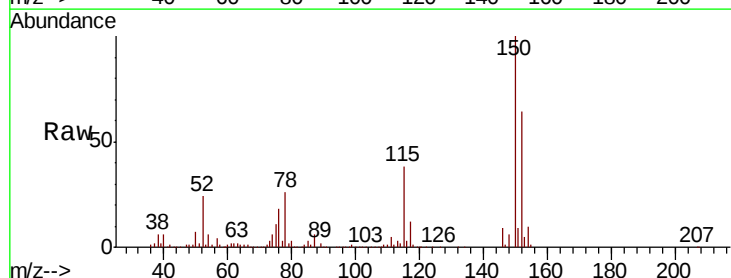
Manual Integrations
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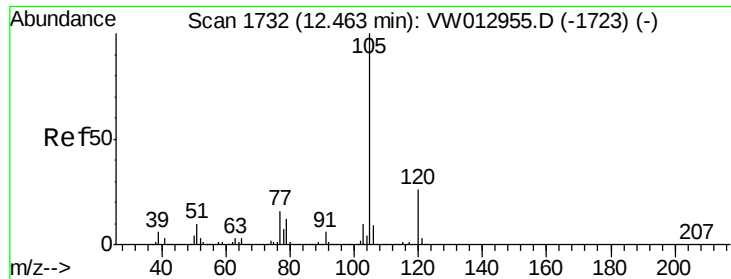
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.55 min Scan# 1911
Delta R.T. -0.00 min
Lab File: VW012958.D
Acq: 13 Sep 2019 16:55

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	188233		
115	57.2	28.8	86.4	
150	169.3	0.0	340.2	





#73

Isopropylbenzene

Concen: 47.543 ug/l

RT: 12.46 min Scan# 1732

Delta R.T. -0.00 min

Lab File: VW012958.D

Acq: 13 Sep 2019 16:55

Instrument :

MSVOA_W

ClientSampleId :

ICVW091419

Tgt Ion: 105 Resp: 593171

Ion Ratio Lower Upper

105 100

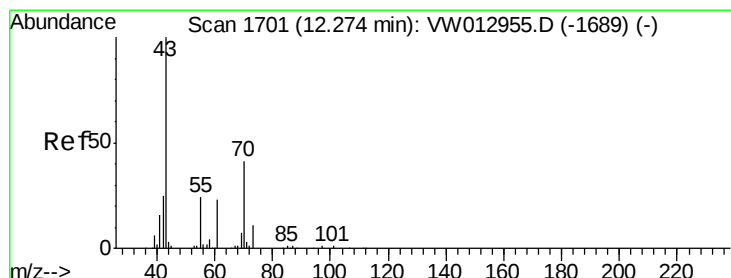
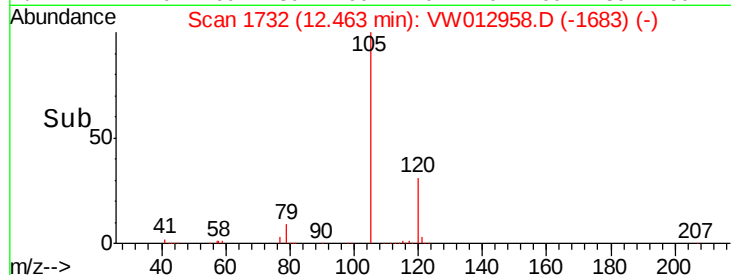
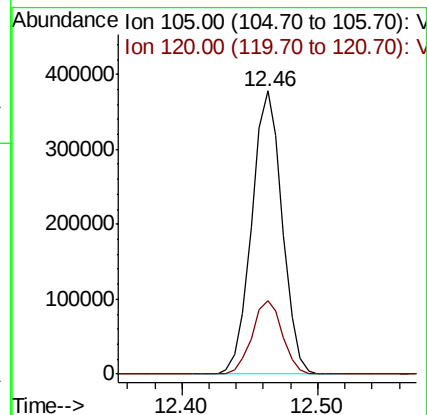
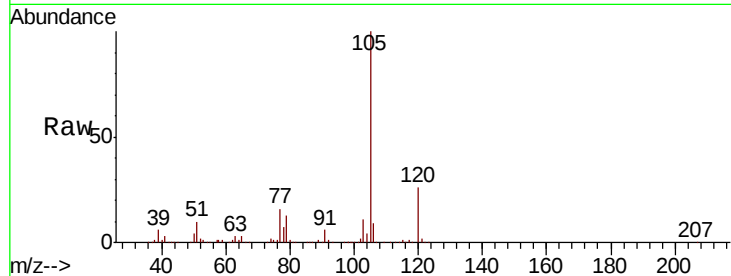
120 25.9 13.0 39.0

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#74

N-ethyl acetate

Concen: 48.502 ug/l

RT: 12.27 min Scan# 1700

Delta R.T. -0.01 min

Lab File: VW012958.D

Acq: 13 Sep 2019 16:55

Tgt Ion: 43 Resp: 155666

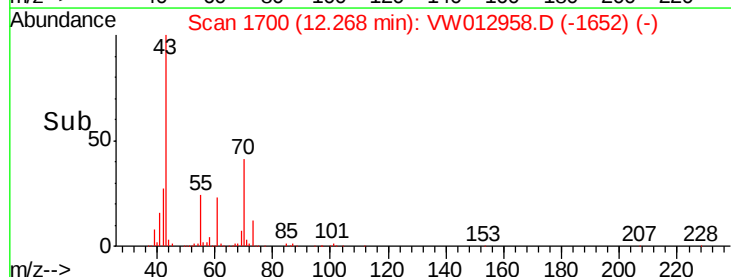
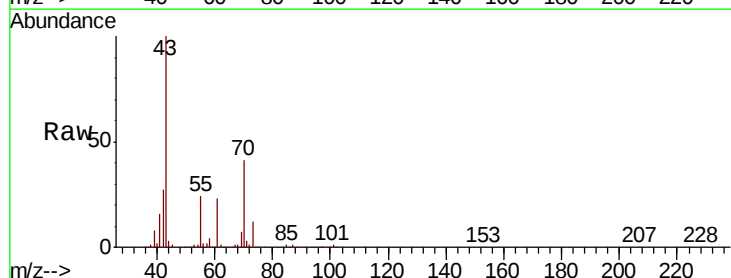
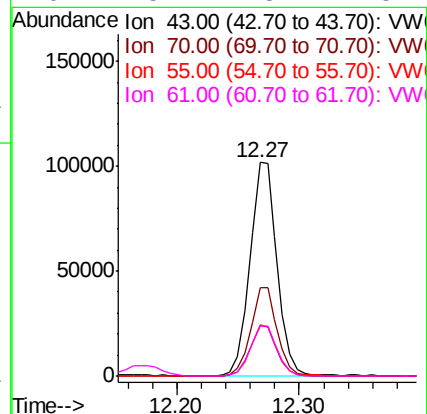
Ion Ratio Lower Upper

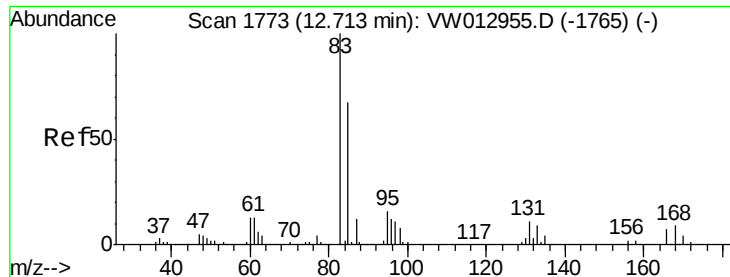
43 100

70 40.4 31.7 47.5

55 23.8 19.4 29.2

61 23.4 18.7 28.1





#75

1,1,2,2-Tetrachloroethane

Concen: 47.251 ug/l

RT: 12.71 min Scan# 1773

Delta R.T. -0.00 min

Lab File: VW012958.D

Acq: 13 Sep 2019 16:55

Instrument :

MSVOA_W

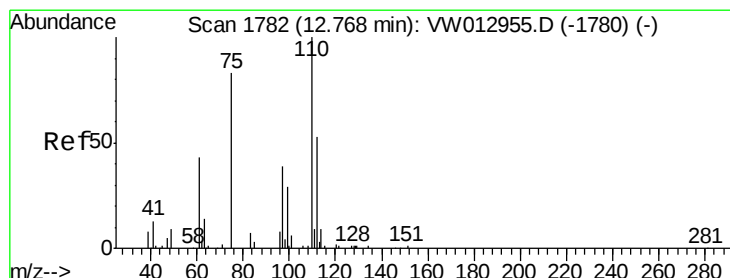
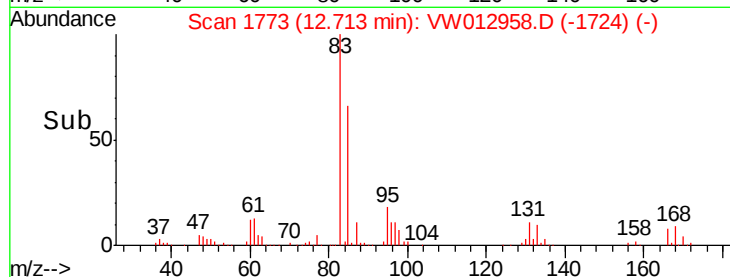
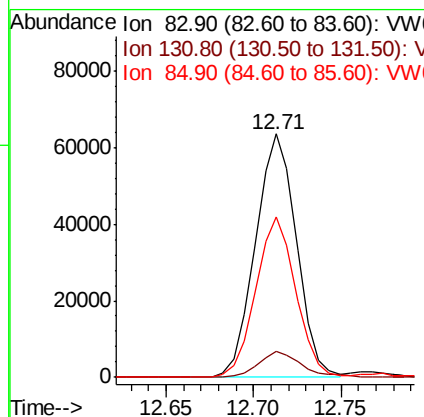
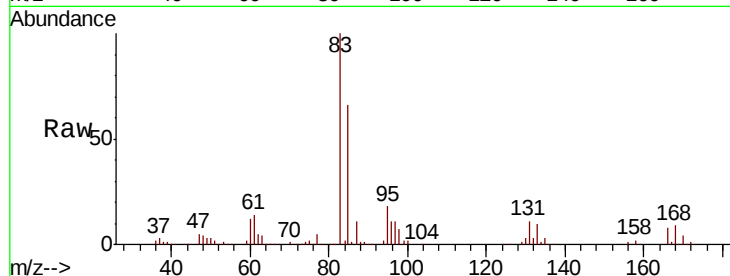
ClientSampleId :

ICVW091419

Tgt Ion:	83	Resp:	103543
Ion Ratio	Lower	Upper	
83	100		
131	11.3	5.7	17.1
85	64.0	31.4	94.3

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#76

1,2,3-Trichloropropane

Concen: 51.990 ug/l m

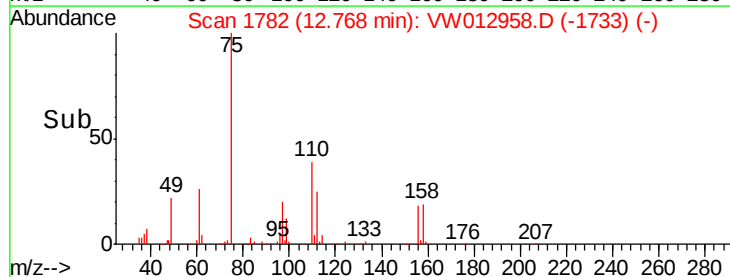
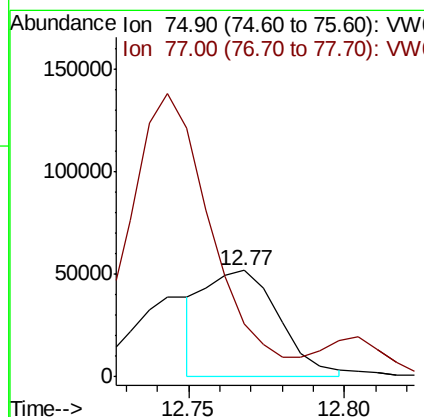
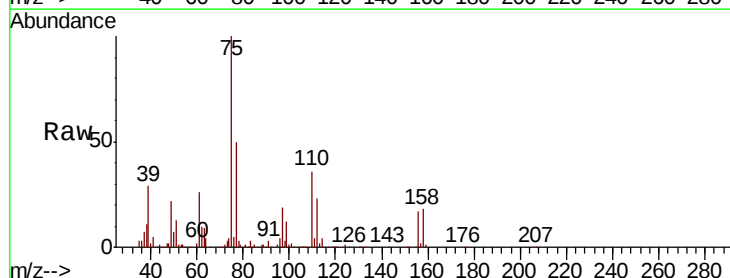
RT: 12.77 min Scan# 1782

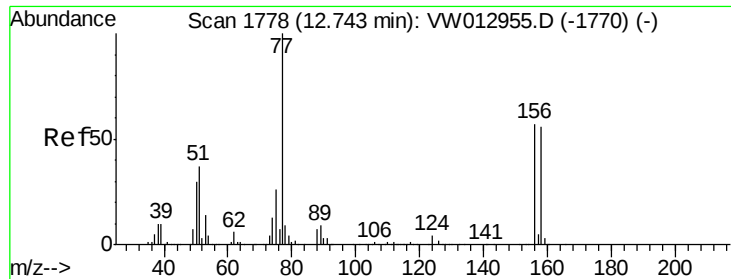
Delta R.T. -0.00 min

Lab File: VW012958.D

Acq: 13 Sep 2019 16:55

Tgt Ion:	75	Resp:	85719
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 47.566 ug/l

RT: 12.74 min Scan# 1778

Delta R.T. -0.00 min

Lab File: VW012958.D

Acq: 13 Sep 2019 16:55

Instrument :

MSVOA_W

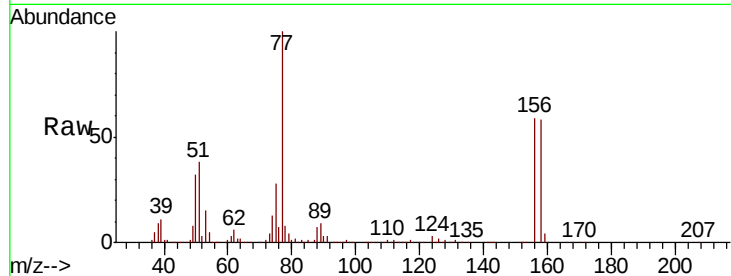
ClientSampleId :

ICVW091419

Tgt Ion:	156	Resp:	136718
Ion Ratio	Lower	Upper	
156	100		
77	187.1	95.2	285.6
158	96.9	49.0	147.2

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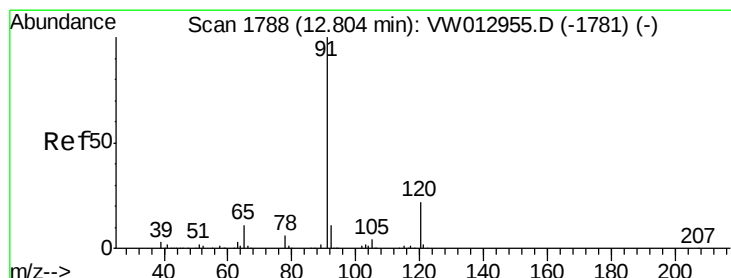
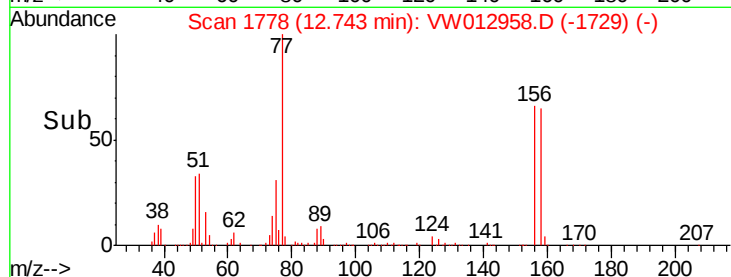
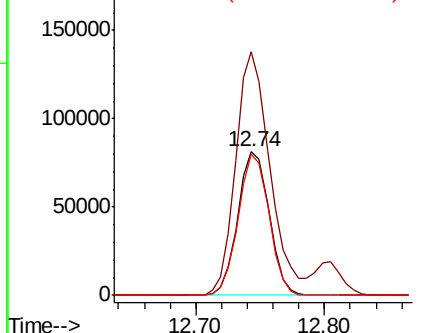
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Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VW

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 47.806 ug/l

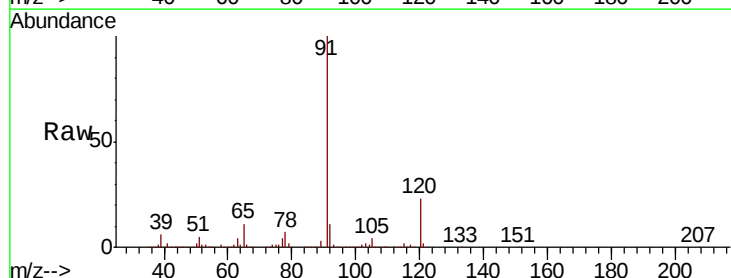
RT: 12.80 min Scan# 1788

Delta R.T. -0.00 min

Lab File: VW012958.D

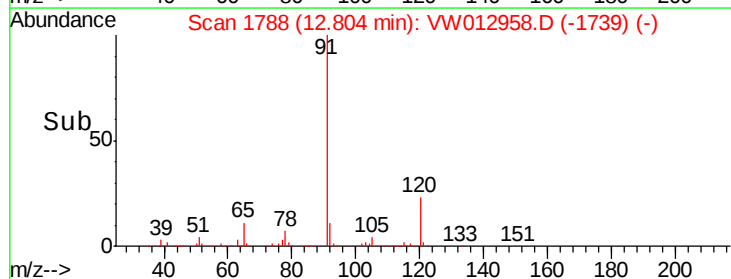
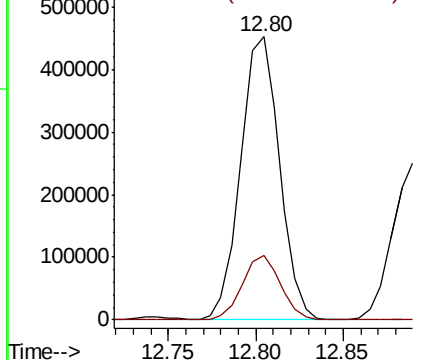
Acq: 13 Sep 2019 16:55

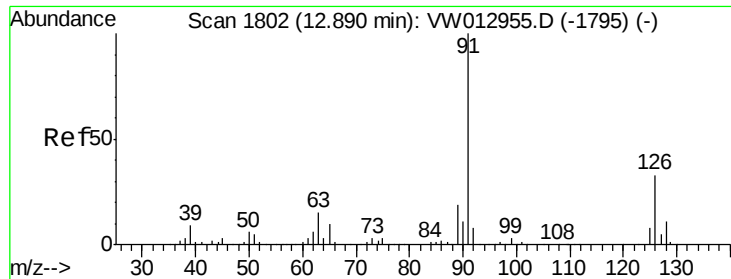
Tgt Ion:	91	Resp:	701611
Ion Ratio	Lower	Upper	
91	100		
120	22.3	11.2	33.5



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 47.587 ug/l

RT: 12.89 min Scan# 1802

Delta R.T. -0.00 min

Lab File: VW012958.D

Acq: 13 Sep 2019 16:55

Instrument :

MSVOA_W

ClientSampleId :

ICVW091419

Tgt Ion: 91 Resp: 401479

Ion Ratio Lower Upper

91 100

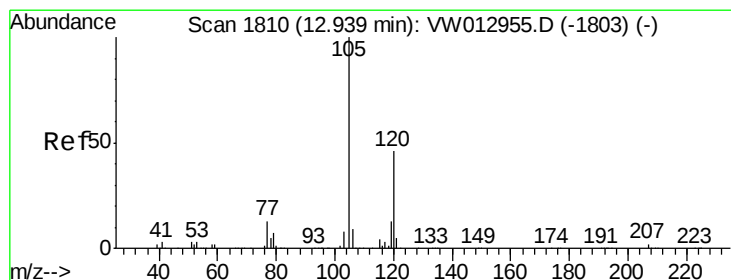
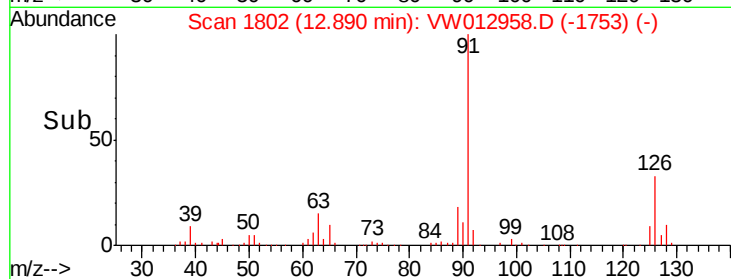
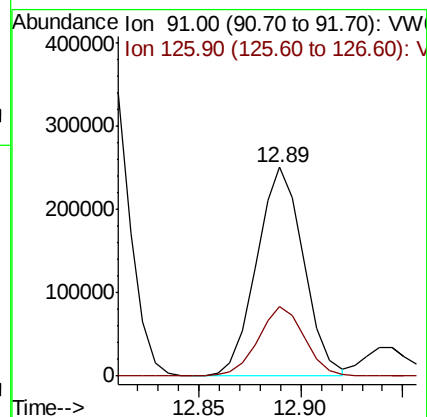
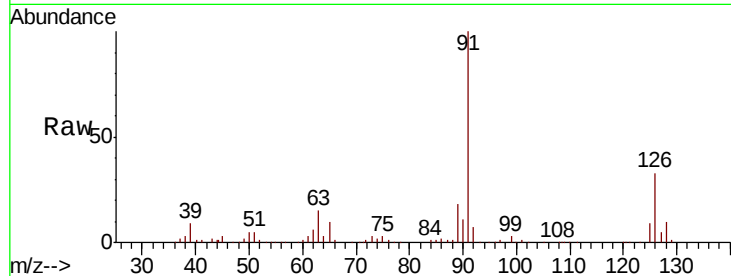
126 32.6 16.5 49.5

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#80

1,3,5-Trimethylbenzene

Concen: 47.287 ug/l

RT: 12.94 min Scan# 1810

Delta R.T. -0.00 min

Lab File: VW012958.D

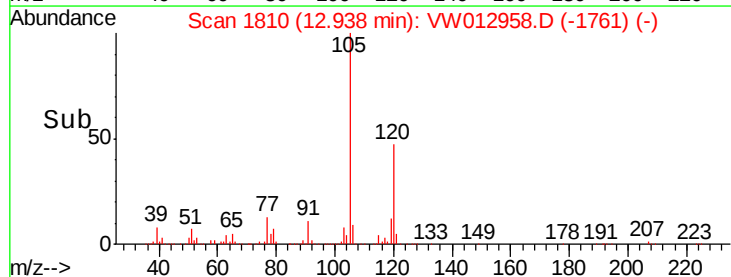
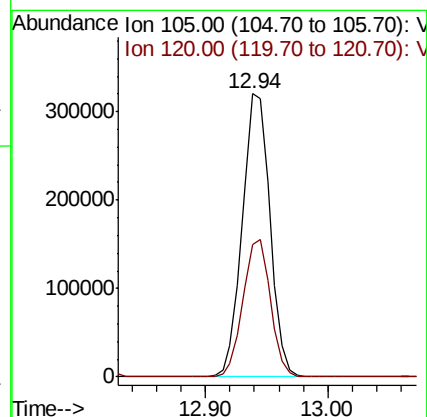
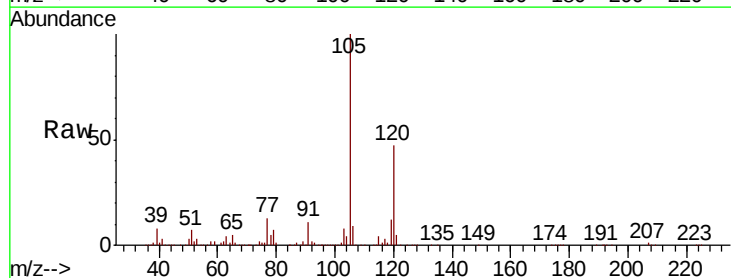
Acq: 13 Sep 2019 16:55

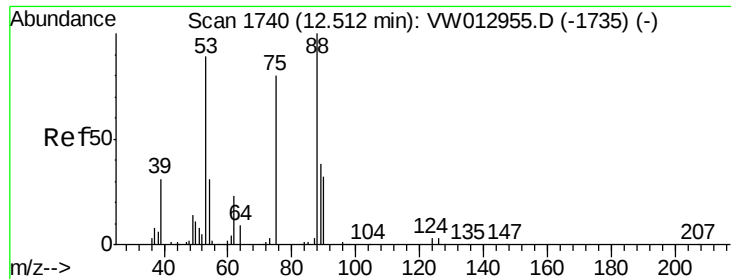
Tgt Ion: 105 Resp: 499127

Ion Ratio Lower Upper

105 100

120 48.4 24.2 72.6





#81

trans-1,4-Dichloro-2-butene

Concen: 49.257 ug/l

RT: 12.51 min Scan# 1740

Delta R.T. -0.00 min

Lab File: VW012958.D

Acq: 13 Sep 2019 16:55

Instrument :

MSVOA_W

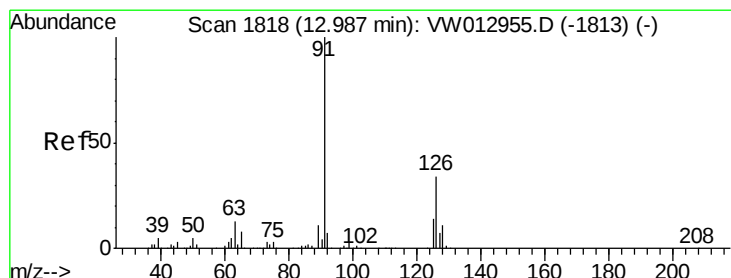
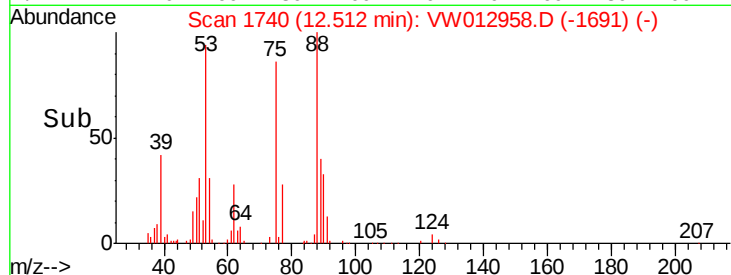
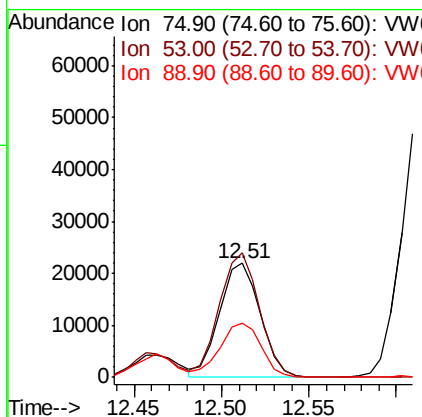
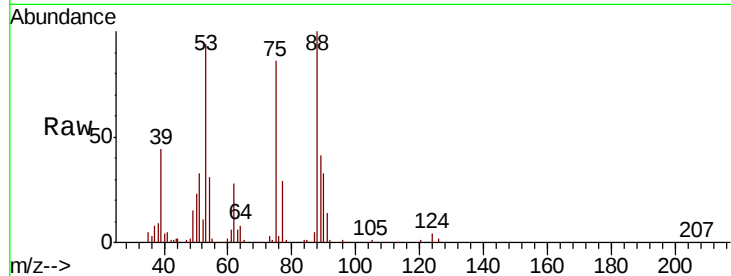
ClientSampleId :

ICVW091419

Tgt Ion:	75	Resp:	35801
Ion	Ratio	Lower	Upper
75	100		
53	107.3	85.6	128.4
89	48.3	37.2	55.8

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#82

4-Chlorotoluene

Concen: 47.093 ug/l

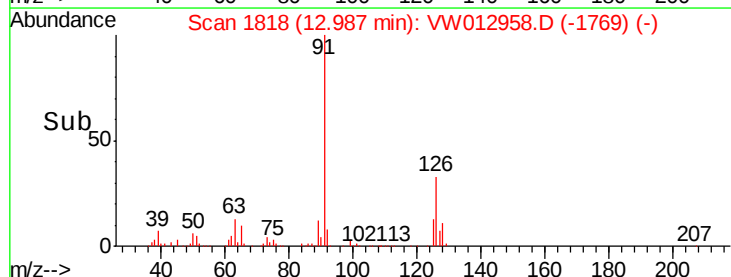
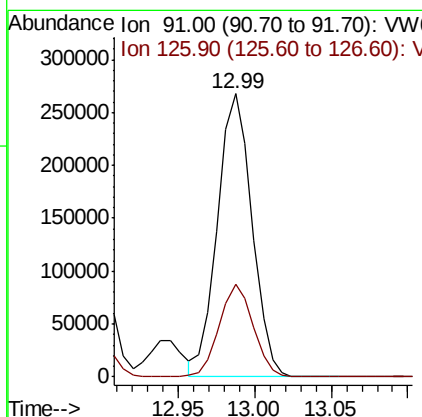
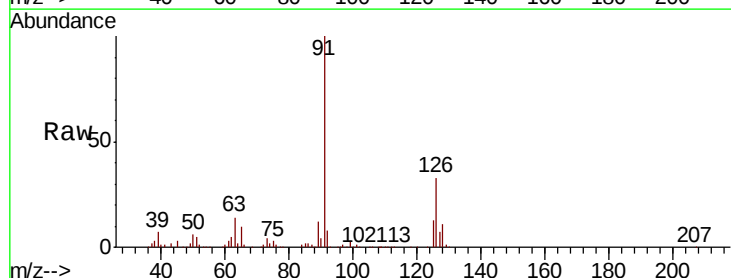
RT: 12.99 min Scan# 1818

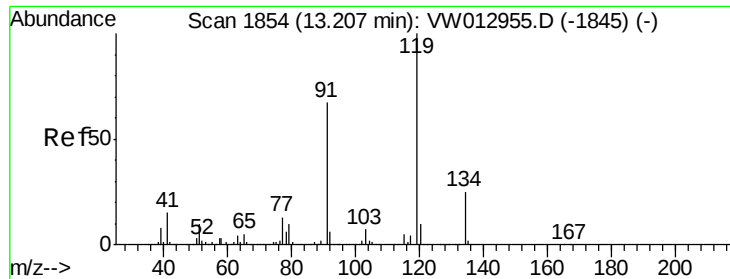
Delta R.T. -0.00 min

Lab File: VW012958.D

Acq: 13 Sep 2019 16:55

Tgt Ion:	91	Resp:	419210
Ion	Ratio	Lower	Upper
91	100		
126	32.4	16.1	48.3





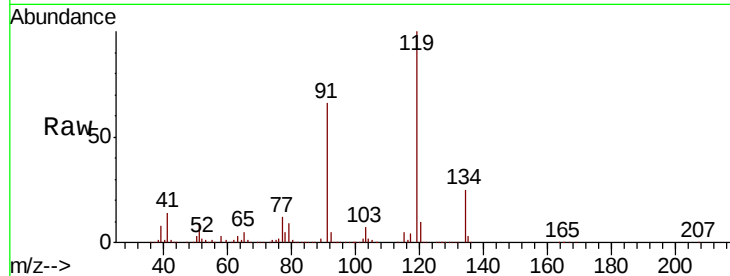
#83
tert-Butylbenzene
Concen: 47.653 ug/l
RT: 13.21 min Scan# 1854
Delta R.T. -0.00 min
Lab File: VW012958.D
Acq: 13 Sep 2019 16:55

Instrument :
MSVOA_W
ClientSampleId :
ICVW091419

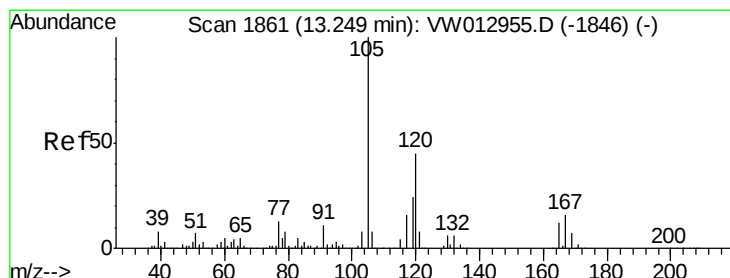
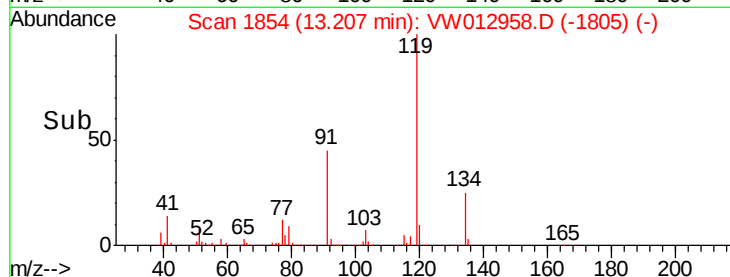
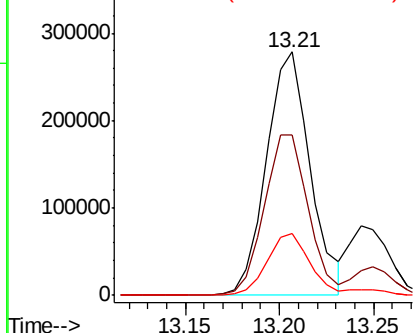
Tgt Ion	Ratio	Resp	Lower	Upper
119	100	449907		
91	66.1	32.6	98.0	
134	26.7	12.4	37.4	

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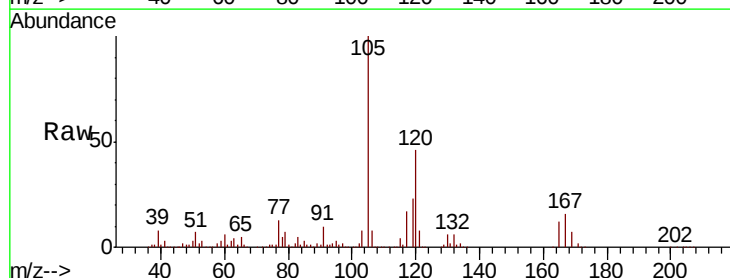


Abundance Ion 119.00 (118.70 to 119.70): V
Ion 91.00 (90.70 to 91.70): V
Ion 134.00 (133.70 to 134.70): V

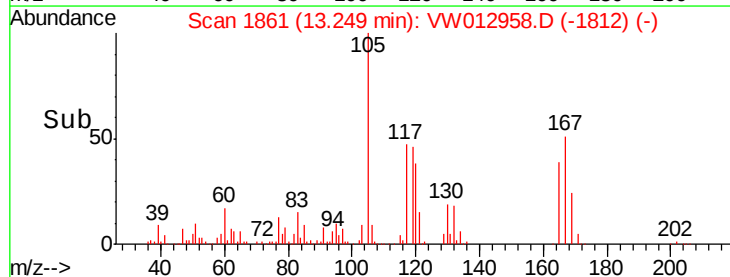
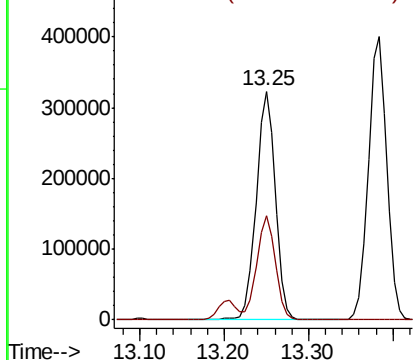


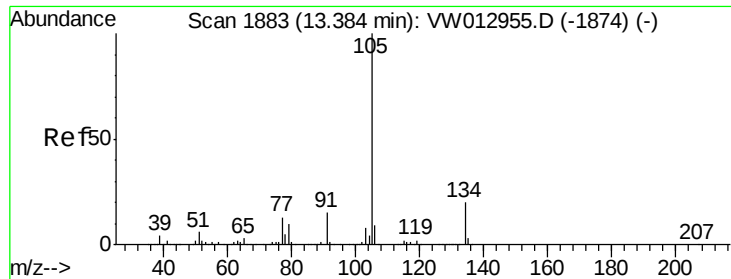
#84
1,2,4-Trimethylbenzene
Concen: 47.702 ug/l
RT: 13.25 min Scan# 1861
Delta R.T. -0.00 min
Lab File: VW012958.D
Acq: 13 Sep 2019 16:55

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	497544		
120	43.9	21.9	65.7	



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





#85

sec-Butylbenzene

Concen: 47.220 ug/l

RT: 13.38 min Scan# 1883

Delta R.T. -0.00 min

Lab File: VW012958.D

Acq: 13 Sep 2019 16:55

Instrument :

MSVOA_W

ClientSampleId :

ICVW091419

Tgt Ion:105 Resp: 607398

Ion Ratio Lower Upper

105 100

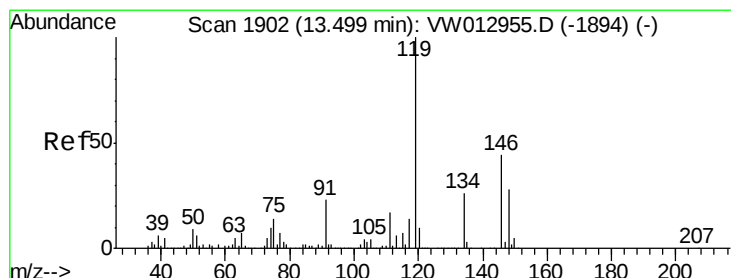
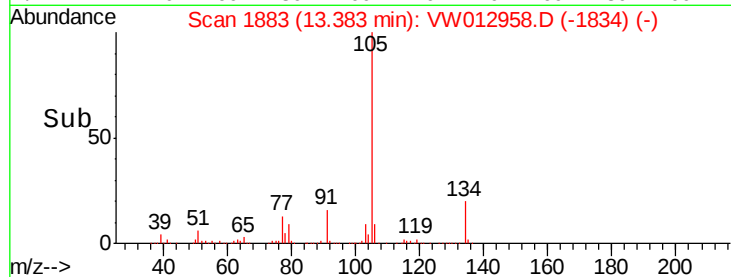
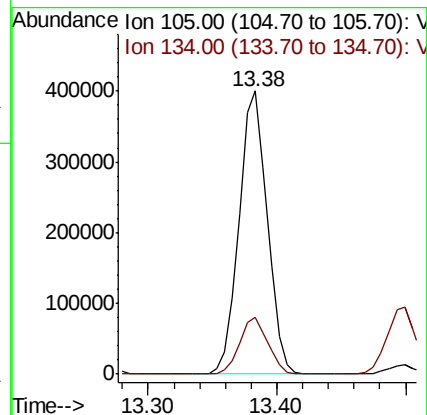
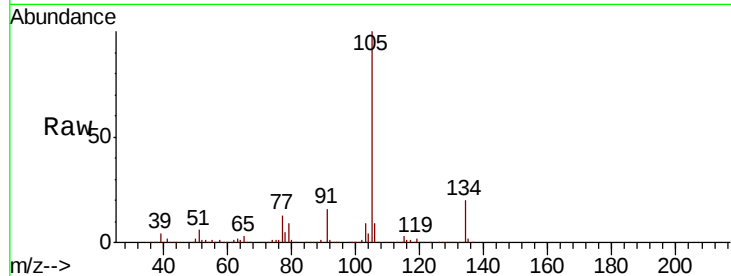
134 20.1 10.2 30.4

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#86

p-Isopropyltoluene

Concen: 47.426 ug/l

RT: 13.49 min Scan# 1901

Delta R.T. -0.01 min

Lab File: VW012958.D

Acq: 13 Sep 2019 16:55

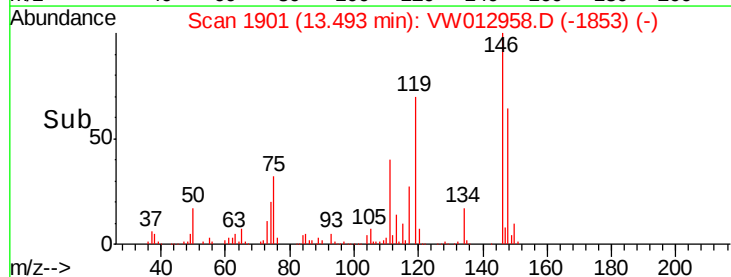
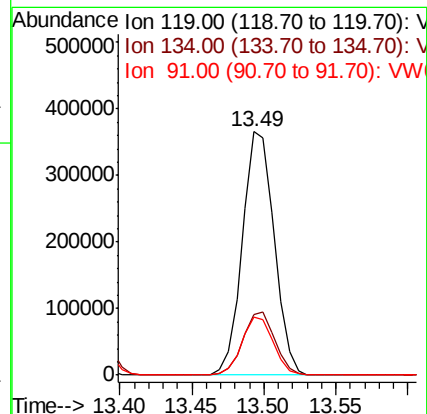
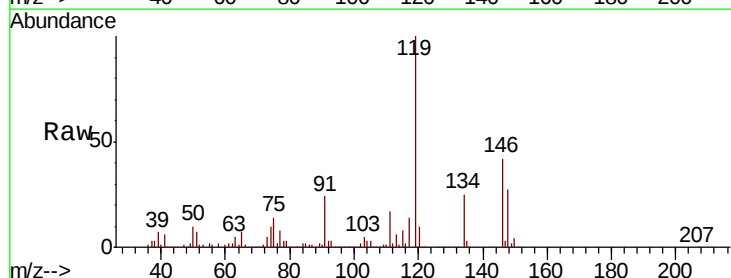
Tgt Ion:119 Resp: 560091

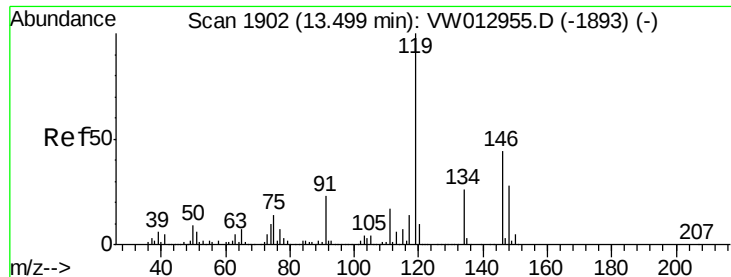
Ion Ratio Lower Upper

119 100

134 25.9 12.8 38.3

91 23.4 11.8 35.4





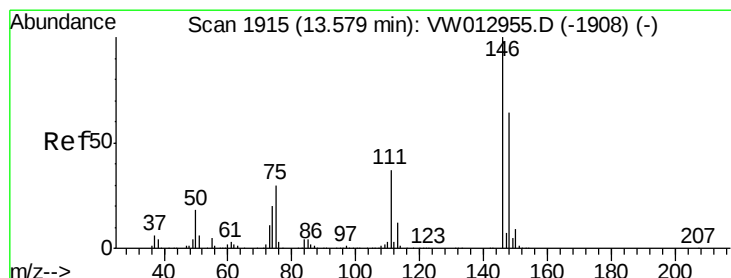
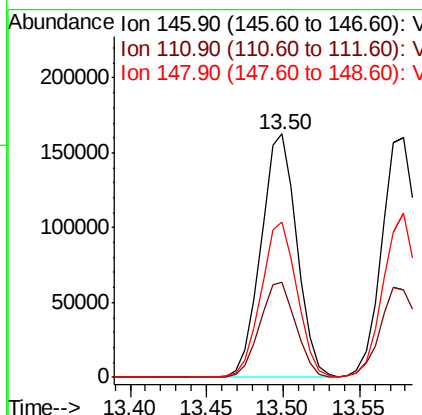
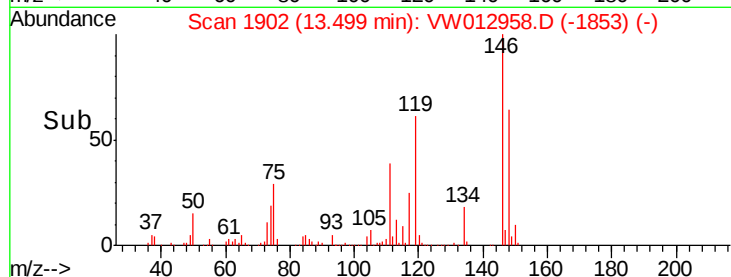
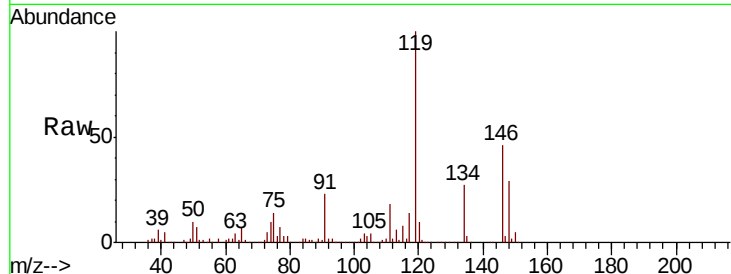
#87
 1,3-Dichlorobenzene
 Concen: 46.685 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. -0.00 min
 Lab File: VW012958.D
 Acq: 13 Sep 2019 16:55

Instrument :
 MSVOA_W
 ClientSampleId :
 ICVVW091419

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	265637		
111	39.4	19.8	59.4	
148	63.8	31.9	95.7	

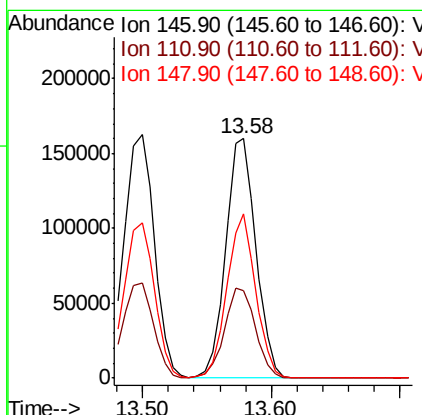
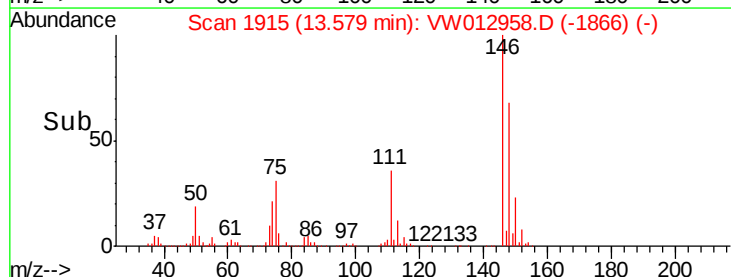
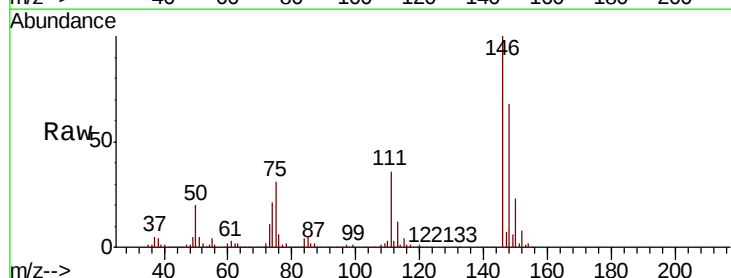
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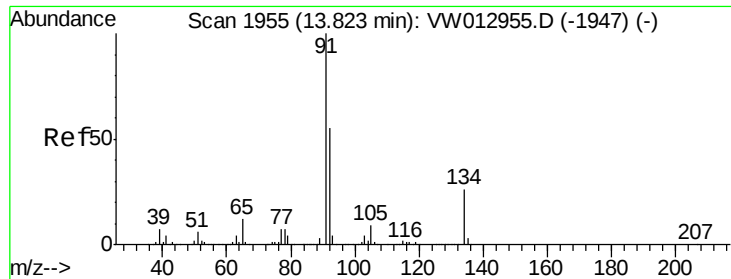
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#88
 1,4-Dichlorobenzene
 Concen: 46.961 ug/l
 RT: 13.58 min Scan# 1915
 Delta R.T. -0.00 min
 Lab File: VW012958.D
 Acq: 13 Sep 2019 16:55

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	262581		
111	38.5	19.4	58.2	
148	65.1	31.9	95.5	





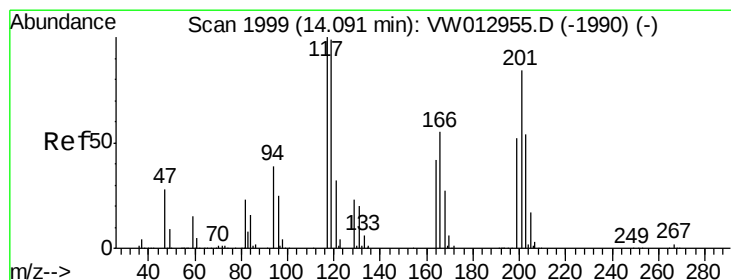
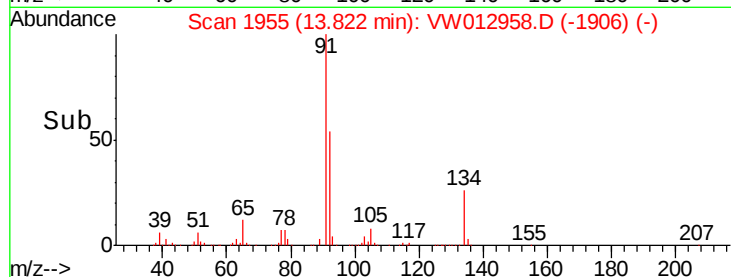
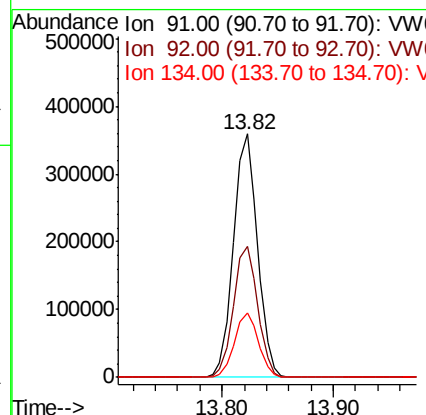
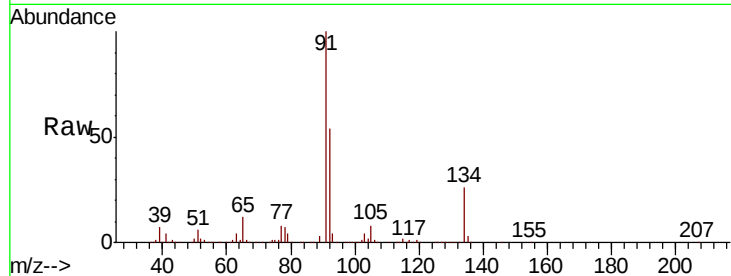
#89
n-Butylbenzene
Concen: 47.977 ug/l
RT: 13.82 min Scan# 1955
Delta R.T. -0.00 min
Lab File: VW012958.D
Acq: 13 Sep 2019 16:55

Instrument :
MSVOA_W
ClientSampleId :
ICVW091419

Tgt Ion	Ratio	Resp	Lower	Upper
91	100	534356		
92	54.2	27.2	81.5	
134	26.5	13.1	39.1	

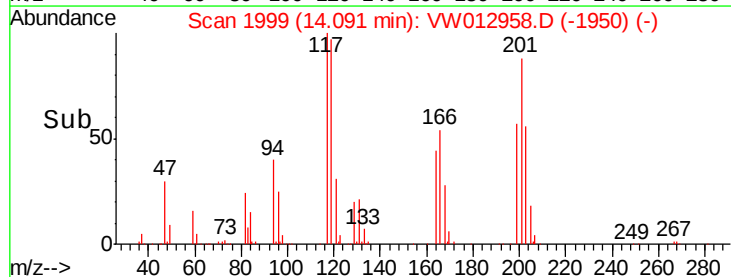
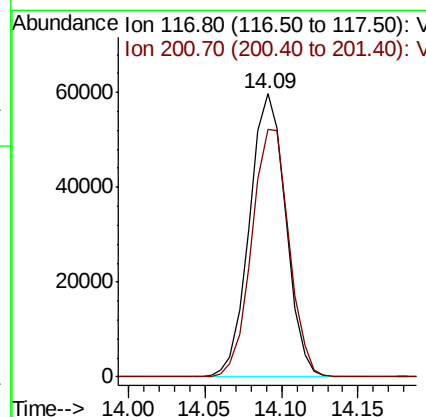
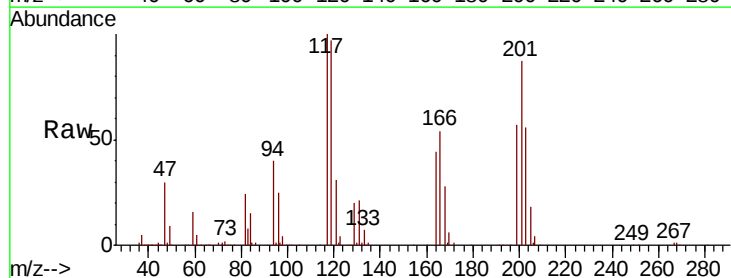
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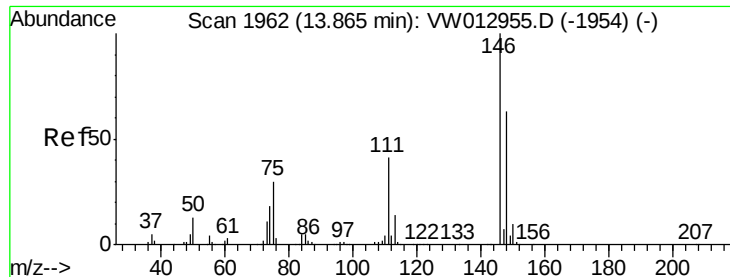
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#90
Hexachloroethane
Concen: 46.607 ug/l
RT: 14.09 min Scan# 1999
Delta R.T. -0.00 min
Lab File: VW012958.D
Acq: 13 Sep 2019 16:55

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	98637		
201	90.0	45.3	135.9	





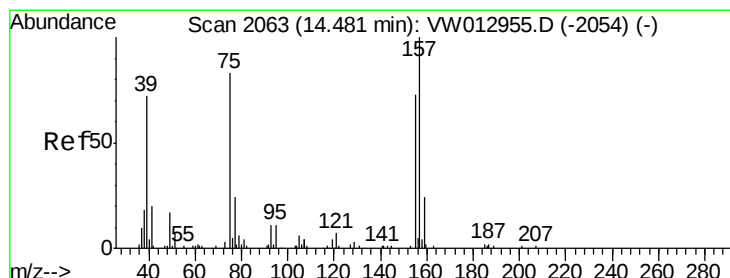
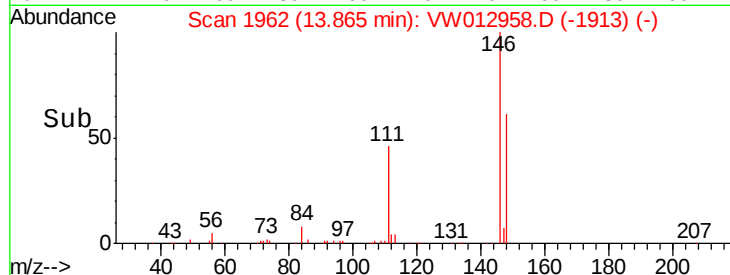
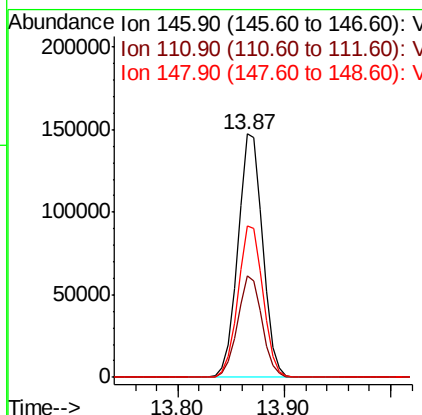
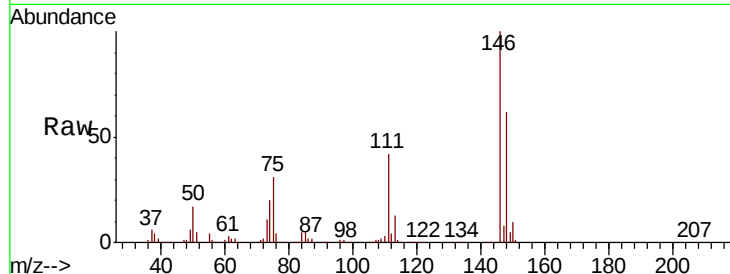
#91
 1,2-Dichlorobenzene
 Concen: 48.056 ug/l
 RT: 13.87 min Scan# 1962
 Delta R.T. -0.00 min
 Lab File: VW012958.D
 Acq: 13 Sep 2019 16:55

Instrument :
 MSVOA_W
 ClientSampleId :
 ICVVW091419

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	240462		
111	41.1	20.8	62.5	
148	62.8	32.7	98.1	

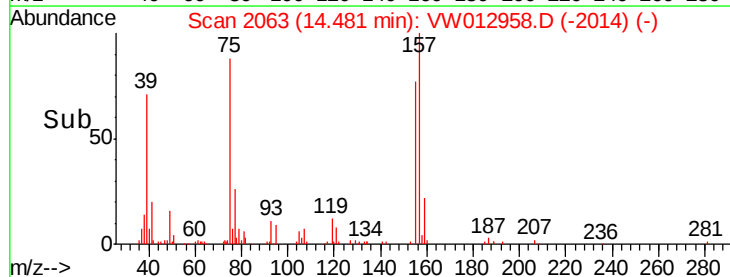
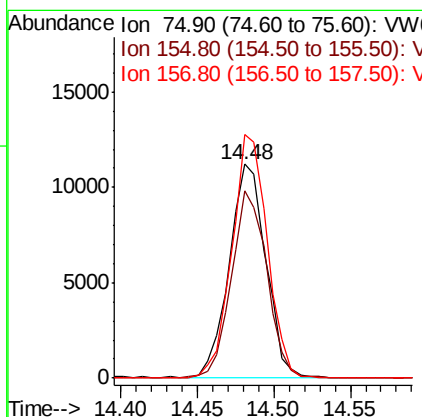
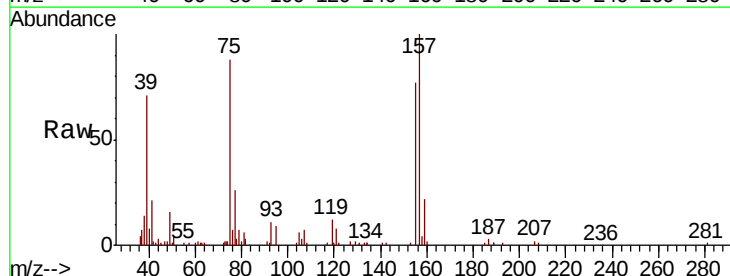
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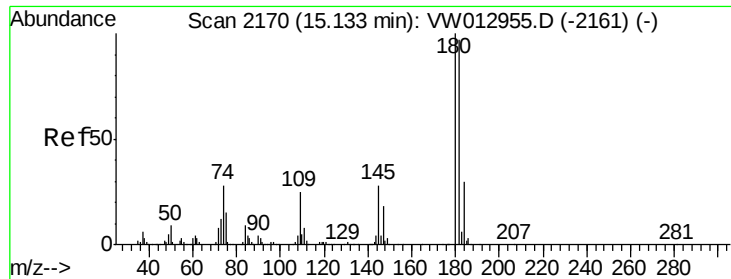
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 46.481 ug/l
 RT: 14.48 min Scan# 2063
 Delta R.T. -0.00 min
 Lab File: VW012958.D
 Acq: 13 Sep 2019 16:55

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	18644		
155	84.7	43.3	129.9	
157	109.9	54.7	164.1	





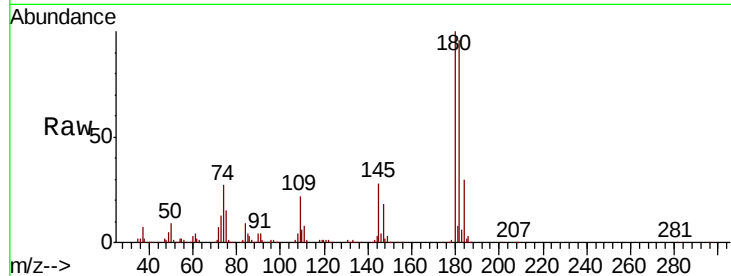
#93
 1,2,4-Trichlorobenzene
 Concen: 49.985 ug/l
 RT: 15.13 min Scan# 2170
 Delta R.T. -0.00 min
 Lab File: VW012958.D
 Acq: 13 Sep 2019 16:55

Instrument :
 MSVOA_W
 ClientSampleId :
 ICVVW091419

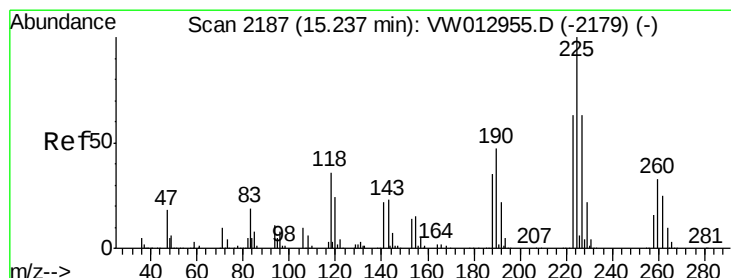
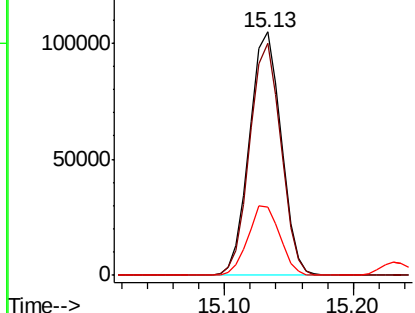
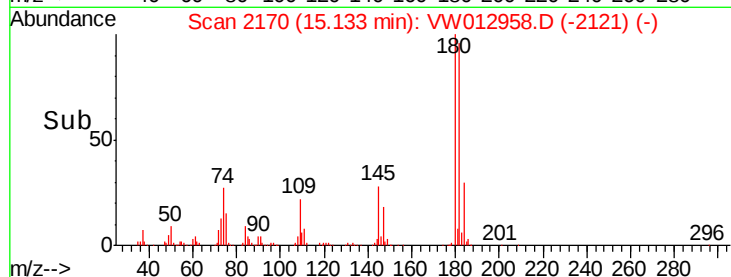
Tgt Ion	Ratio	Resp	Lower	Upper
180	100	178371		
182	93.6	47.4	142.2	
145	28.7	14.9	44.7	

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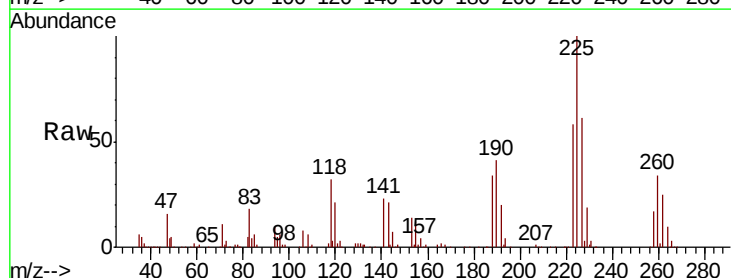


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

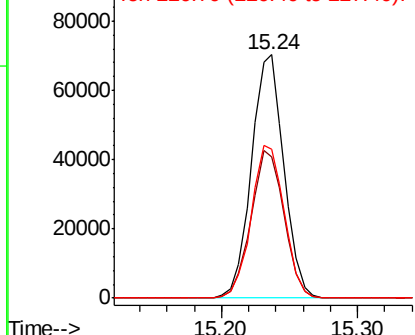
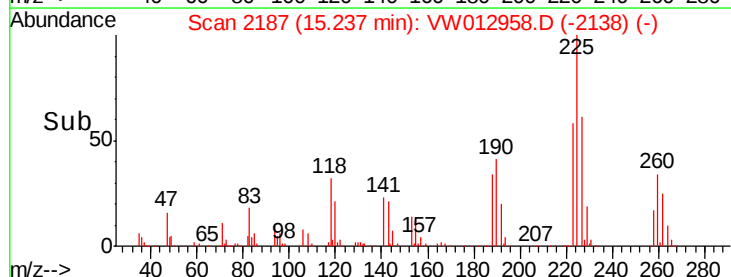


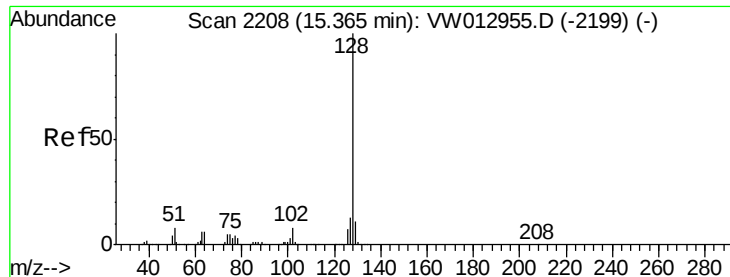
#94
 Hexachlorobutadiene
 Concen: 46.463 ug/l
 RT: 15.24 min Scan# 2187
 Delta R.T. -0.00 min
 Lab File: VW012958.D
 Acq: 13 Sep 2019 16:55

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	117376		
223	62.0	31.8	95.3	
227	63.9	31.3	93.8	



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





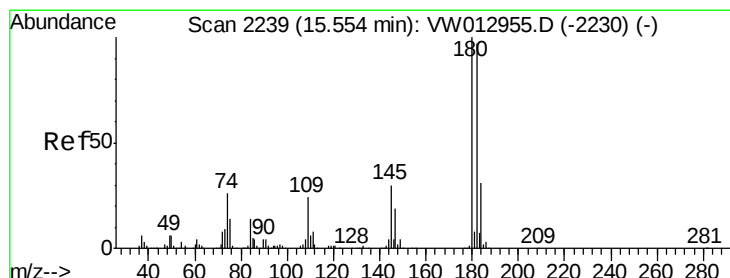
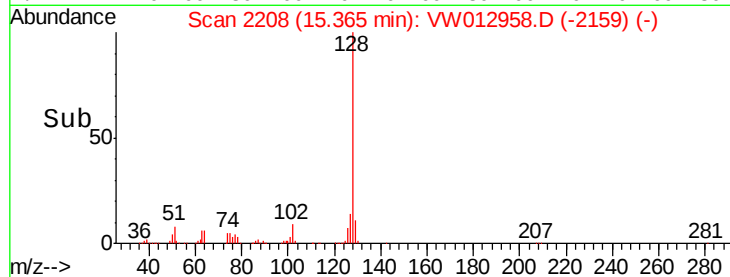
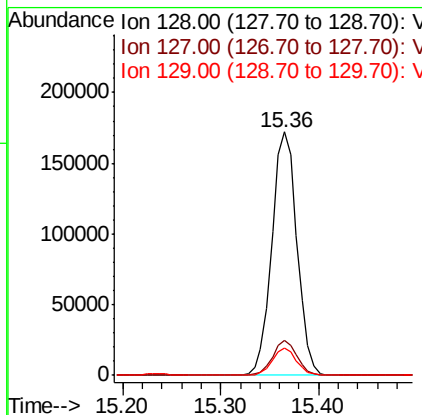
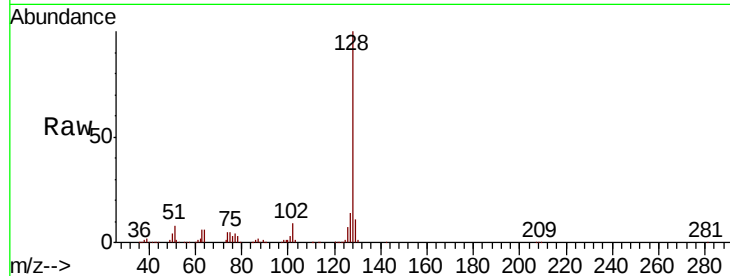
#95
Naphthalene
Concen: 51.683 ug/l
RT: 15.36 min Scan# 2208
Delta R.T. -0.00 min
Lab File: VW012958.D
Acq: 13 Sep 2019 16:55

Instrument :
MSVOA_W
ClientSampleId :
ICVW091419

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	308163		
127	13.9	11.0	16.6	
129	10.7	8.6	12.8	

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#96
1,2,3-Trichlorobenzene
Concen: 49.245 ug/l
RT: 15.55 min Scan# 2239
Delta R.T. -0.00 min
Lab File: VW012958.D
Acq: 13 Sep 2019 16:55

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	155341		
182	93.7	47.6	142.8	
145	30.9	15.4	46.2	

