

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW091619\
 Data File : VW013068.D
 Acq On : 17 Sep 2019 04:30
 Operator : SY/VA
 Sample : K4851-02MS
 Misc : 5.72G/5ML/MSVOA W/SOIL
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 SB-3C-(9)MS

Manual Integrations
 APPROVED

MMDadoda
 9/18/2019 2:01:27 PM

Quant Time: Sep 17 09:13:28 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	24710	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	38671	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	31986	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.55	152	11285	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.31	65	11653	51.06	ug/l	0.00
Spiked Amount			Recovery	=	102.12%	
35) Dibromofluoromethane	7.88	113	9683	46.15	ug/l	0.00
Spiked Amount			Recovery	=	92.30%	
50) Toluene-d8	10.32	98	41675	50.75	ug/l	0.00
Spiked Amount			Recovery	=	101.50%	
62) 4-Bromofluorobenzene	12.62	95	13298	45.04	ug/l	0.00
Spiked Amount			Recovery	=	90.08%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	2.00	85	2229	20.967	ug/l	83
3) Chloromethane	2.21	50	7168	61.389	ug/l	94
4) Vinyl Chloride	2.35	62	8979	50.767	ug/l	92
5) Bromomethane	2.78	94	5956	55.143	ug/l	99
6) Chloroethane	2.93	64	7268	67.001	ug/l #	85
7) Trichlorofluoromethane	3.27	101	13906	112.435	ug/l	85
8) Diethyl Ether	3.68	74	4584	47.466	ug/l	89
9) 1,1,2-Trichlorotrifluoroet	4.07	101	10144	54.076	ug/l	98
10) Methyl Iodide	4.27	142	13532	57.641	ug/l	99
11) Tert butyl alcohol	5.15	59	3530	227.185	ug/l #	72
12) 1,1-Dichloroethene	4.04	96	8582	50.316	ug/l	91
13) Acrolein	3.92	56	25	Below Cal	#	1
14) Allyl chloride	4.68	41	15469	47.773	ug/l	94
15) Acrylonitrile	5.37	53	10922	221.429	ug/l	98
16) Acetone	4.12	43	15206	311.909	ug/l	99
17) Carbon Disulfide	4.39	76	16128	47.449	ug/l #	90
18) Methyl Acetate	4.67	43	10626	81.726	ug/l	95
19) Methyl tert-butyl Ether	5.42	73	23197	68.899	ug/l	99
20) Methylene Chloride	4.91	84	10417	57.252	ug/l #	83
21) trans-1,2-Dichloroethene	5.43	96	9555	52.305	ug/l	93
22) Diisopropyl ether	6.31	45	33956	50.479	ug/l	92
23) Vinyl Acetate	6.30	43	18485	45.881	ug/l #	76
24) 1,1-Dichloroethane	6.22	63	20188	52.052	ug/l	95
25) 2-Butanone	7.17	43	17051	234.970	ug/l	99
26) 2,2-Dichloropropane	7.17	77	14867	61.389	ug/l	92
27) cis-1,2-Dichloroethene	7.17	96	11484	52.509	ug/l	96
28) Bromochloromethane	7.51	49	9489	58.128	ug/l	94
29) Tetrahydrofuran	7.53	42	9540	230.729	ug/l	98
30) Chloroform	7.68	83	20919	53.083	ug/l	98
31) Cyclohexane	7.95	56	16252	56.363	ug/l	85
32) 1,1,1-Trichloroethane	7.87	97	17826	54.928	ug/l	98
36) 1,1-Dichloropropene	8.09	75	14520	46.988	ug/l	99
37) Ethyl Acetate	7.26	43	6038	36.812	ug/l #	82
38) Carbon Tetrachloride	8.07	117	14621	46.171	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.33	83	14980	44.239	ug/l	95
40) Benzene	8.32	78	43742	50.706	ug/l	98
41) Methacrylonitrile	7.47	41	3378m	31.274	ug/l	
42) 1,2-Dichloroethane	8.40	62	12931	44.716	ug/l	94
43) Isopropyl Acetate	8.42	43	12163	38.622	ug/l	94
44) Trichloroethene	9.09	130	15397	65.161	ug/l	92
45) 1,2-Dichloropropane	9.37	63	11245	49.063	ug/l	99
46) Dibromomethane	9.46	93	5089	46.345	ug/l	94
47) Bromodichloromethane	9.65	83	13701	44.482	ug/l	92
48) Methyl methacrylate	9.43	41	6284	42.517	ug/l	94
49) 1,4-Dioxane	9.44	88	1675	910.340	ug/l #	88
51) 4-Methyl-2-Pentanone	10.21	43	33853	208.211	ug/l	98
52) Toluene	10.39	92	25552	46.613	ug/l	96
53) t-1,3-Dichloropropene	10.60	75	11509	37.153	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	14583	41.144	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	7685	45.941	ug/l	96
56) Ethyl methacrylate	10.65	69	7492	33.273	ug/l #	92
57) 1,3-Dichloropropane	10.93	76	13540	45.629	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.93	63	17363	143.751	ug/l	96
59) 2-Hexanone	10.97	43	22443	198.237	ug/l	94
60) Dibromochloromethane	11.13	129	8426	41.663	ug/l	100
61) 1,2-Dibromoethane	11.23	107	6789	44.489	ug/l	99
64) Tetrachloroethene	10.86	164	17500	91.967	ug/l	93
65) Chlorobenzene	11.66	112	26500	46.512	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.73	131	10163	46.547	ug/l	96
67) Ethyl Benzene	11.73	91	48688	46.270	ug/l	96
68) m/p-Xylenes	11.83	106	36712	95.505	ug/l	93
69) o-Xylene	12.16	106	16869	46.809	ug/l	98
70) Styrene	12.18	104	26422	41.215	ug/l	98
71) Bromoform	12.35	173	4463	38.915	ug/l #	97
73) Isopropylbenzene	12.46	105	51321	68.611	ug/l	98
74) N-amyl acetate	12.27	43	3181	16.532	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.71	83	5104	38.850	ug/l	97
76) 1,2,3-Trichloropropane	12.77	75	6453m	65.282	ug/l	
77) Bromobenzene	12.74	156	10757	62.424	ug/l	96
78) n-propylbenzene	12.80	91	53962	61.329	ug/l	100
79) 2-Chlorotoluene	12.89	91	31583	62.441	ug/l	99
80) 1,3,5-Trimethylbenzene	12.94	105	38982	61.602	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.51	75	1582	36.306	ug/l	88
82) 4-Chlorotoluene	12.99	91	29550	55.371	ug/l	96
83) tert-Butylbenzene	13.21	119	37476	66.209	ug/l	99
84) 1,2,4-Trimethylbenzene	13.25	105	37360	59.746	ug/l	100
85) sec-Butylbenzene	13.38	105	50445	65.413	ug/l	99
86) p-Isopropyltoluene	13.50	119	41590	58.741	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	17511	51.333	ug/l	96
88) 1,4-Dichlorobenzene	13.58	146	15673	46.754	ug/l	98
89) n-Butylbenzene	13.82	91	29198	43.727	ug/l	98
90) Hexachloroethane	14.09	117	7720	60.844	ug/l	97
91) 1,2-Dichlorobenzene	13.87	146	15392	51.309	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	14.47	75	1057m	43.954	ug/l	

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	3269	15.280	ug/l	97
94) Hexachlorobutadiene	15.24	225	5887	38.870	ug/l	97
95) Naphthalene	15.36	128	4753	13.296	ug/l	95
96) 1,2,3-Trichlorobenzene	15.56	180	2922	15.451	ug/l	87

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

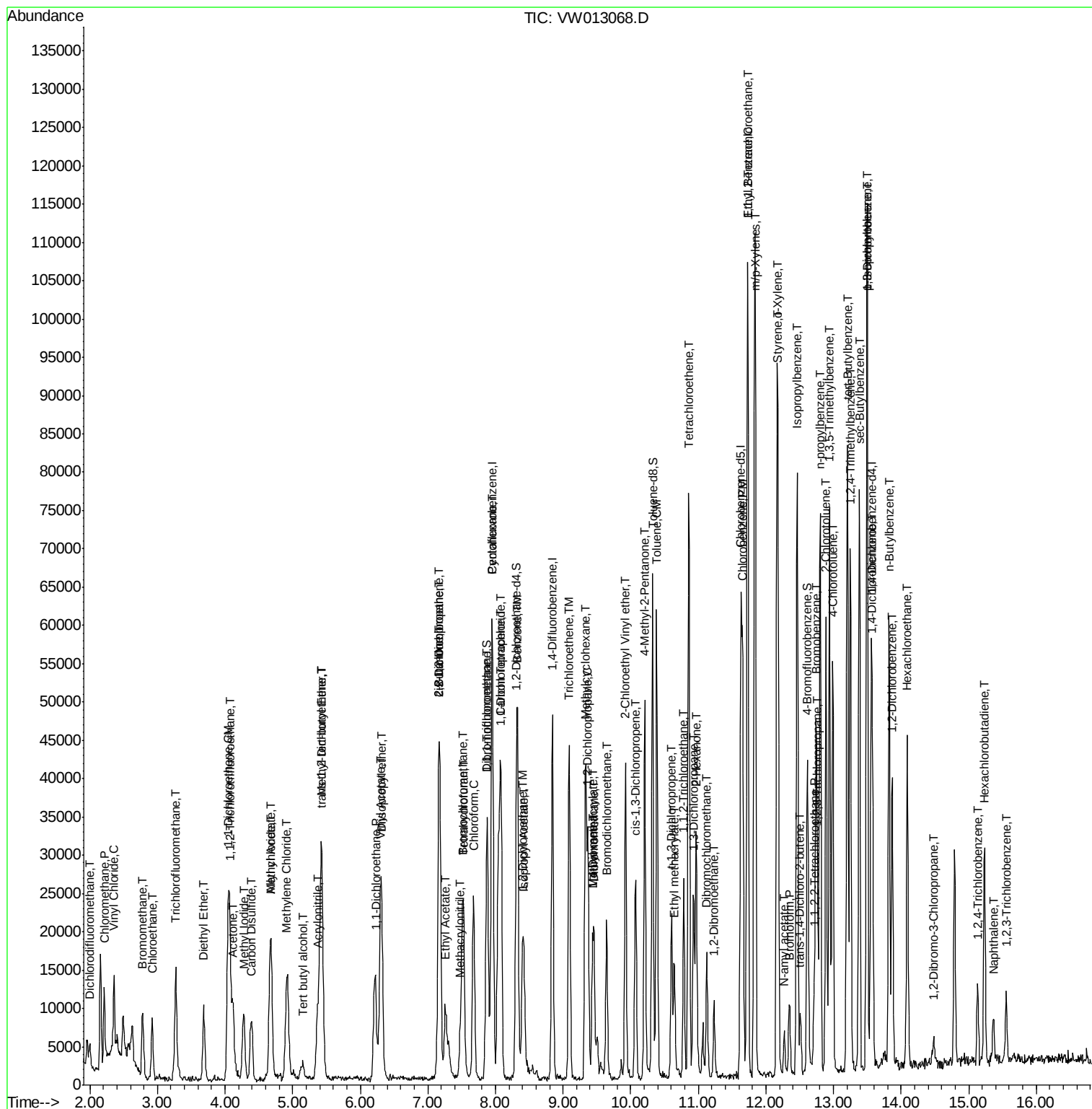
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW091619\
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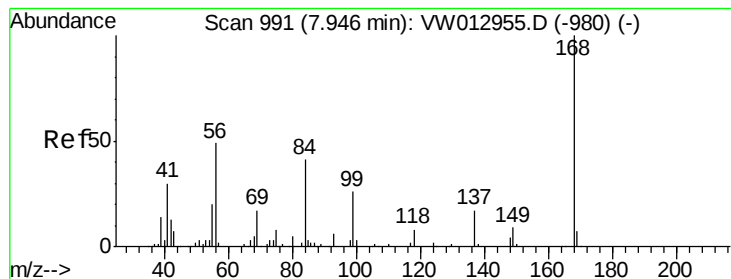
Instrument :
MSVOA_W
Client Sampled :
SB-3C-(9)MS

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.00 min

Lab File: VW013068.D

Acq: 17 Sep 2019 04:30

Instrument :

MSVOA_W

ClientSampleId :

SB-3C-(9)MS

Tot Ion:168 Resp: 24710

Ion Ratio Lower Upper

168 100

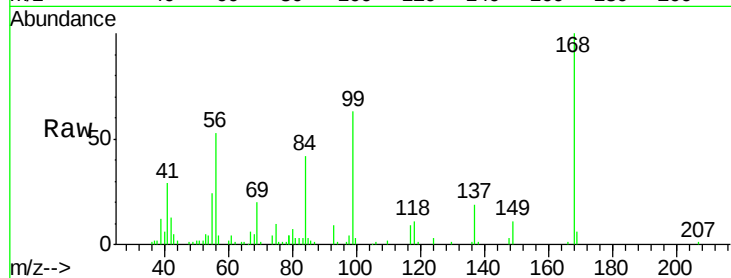
99 62.9 46.2 69.2

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

12000

10000

8000

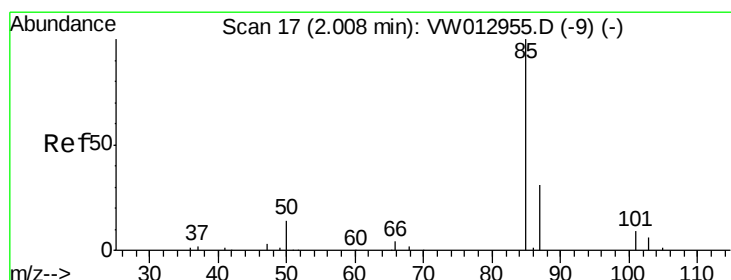
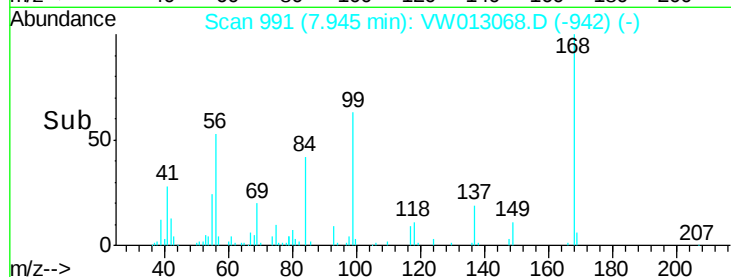
6000

4000

2000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 20.967 ug/l

RT: 2.00 min Scan# 16

Delta R.T. -0.01 min

Lab File: VW013068.D

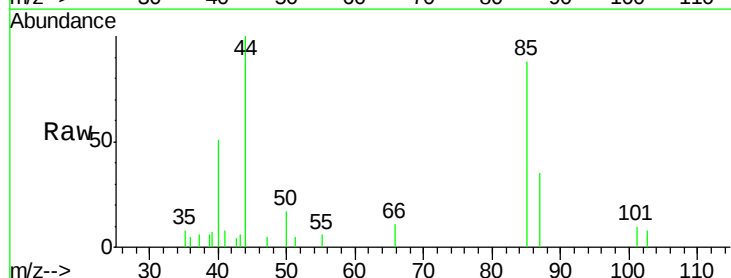
Acq: 17 Sep 2019 04:30

Tgt Ion: 85 Resp: 2229

Ion Ratio Lower Upper

85 100

87 40.5 15.4 46.4



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

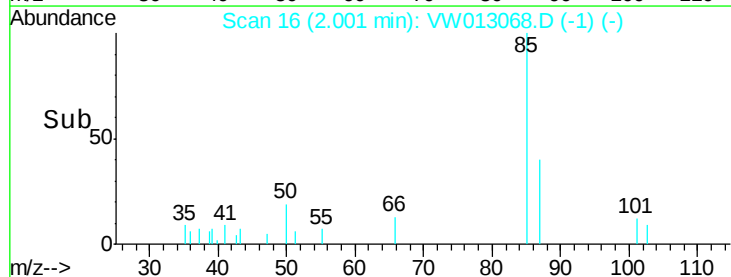
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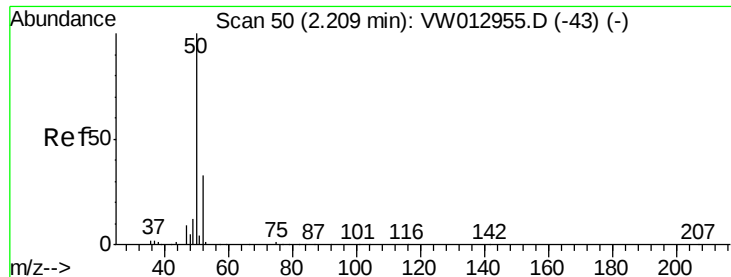
1000

500

0

Time-->





#3

Chloromethane

Concen: 61.389 ug/l

RT: 2.21 min Scan# 51

Delta R.T. 0.01 min

Lab File: VW013068.D

Acq: 17 Sep 2019 04:30

Instrument :

MSVOA_W

ClientSampleId :

SB-3C-(9)MS

Tot Ion: 50 Resp: 7168

Ion Ratio Lower Upper

50 100

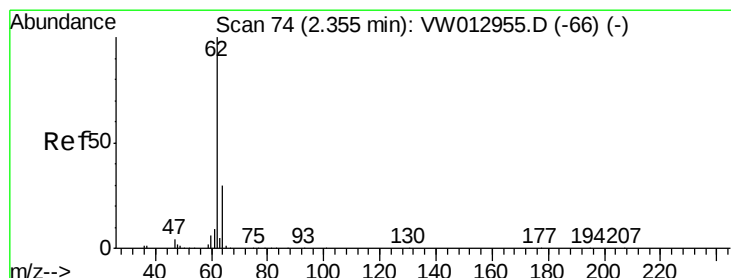
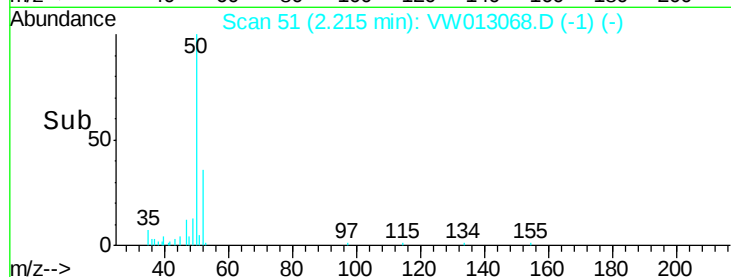
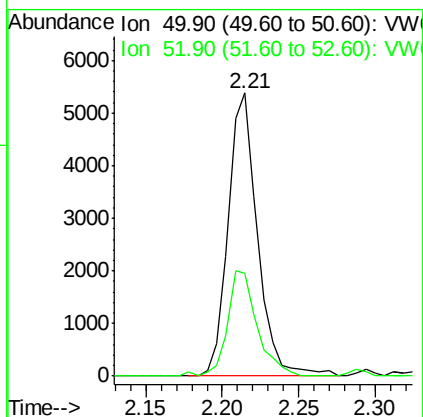
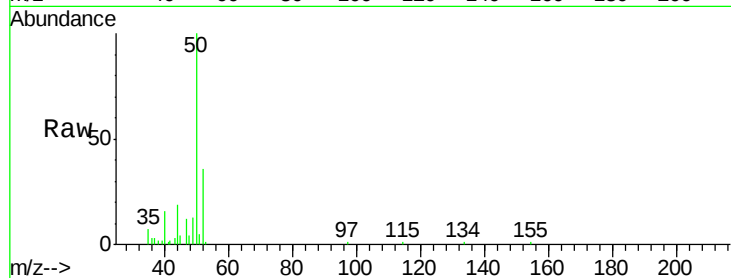
52 36.5 26.6 39.8

Manual Integrations

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#4

Vinyl Chloride

Concen: 50.767 ug/l

RT: 2.35 min Scan# 74

Delta R.T. -0.00 min

Lab File: VW013068.D

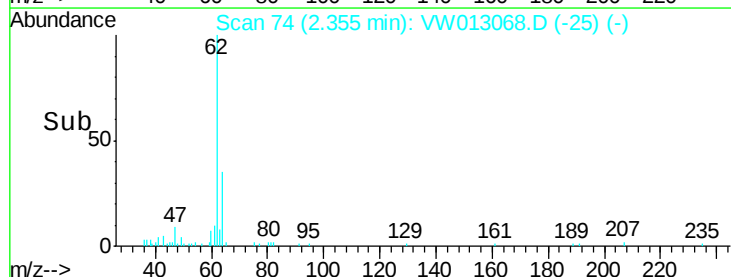
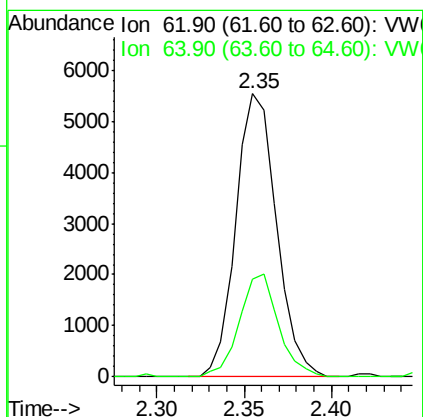
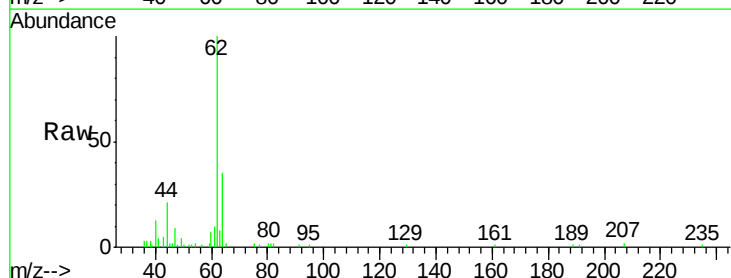
Acq: 17 Sep 2019 04:30

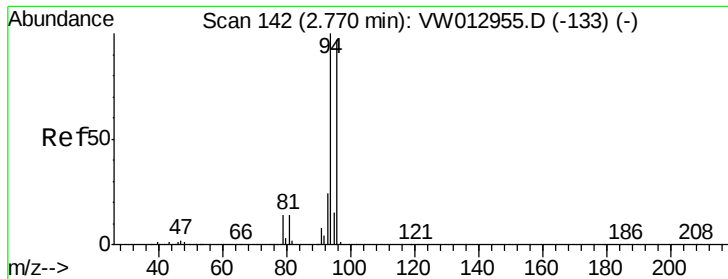
Tgt Ion: 62 Resp: 8979

Ion Ratio Lower Upper

62 100

64 34.7 24.2 36.4





#5

Bromomethane

Concen: 55.143 ug/l

RT: 2.78 min Scan# 144

Delta R.T. 0.01 min

Lab File: VW013068.D

Acq: 17 Sep 2019 04:30

Instrument :

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ClientSampleId :

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Tot Ion: 94 Resp: 5956

Ion Ratio Lower Upper

94 100

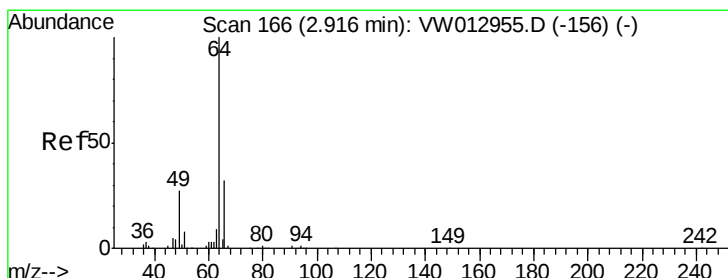
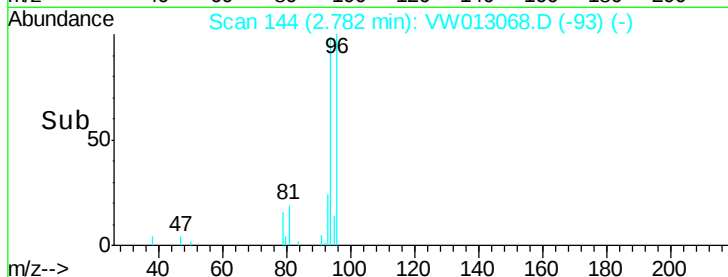
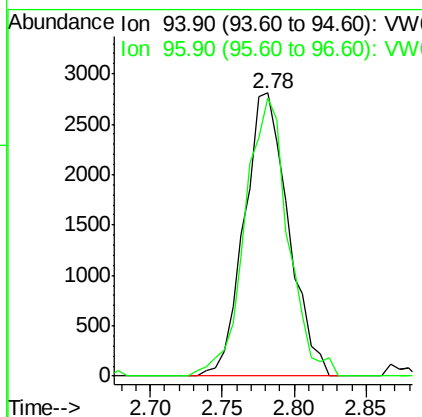
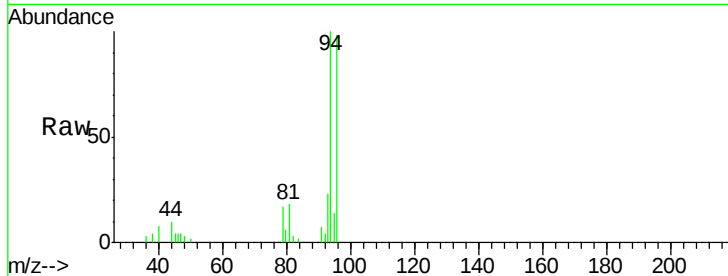
96 98.4 77.8 116.6

Manual Integrations

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#6

Chloroethane

Concen: 67.001 ug/l

RT: 2.93 min Scan# 168

Delta R.T. 0.01 min

Lab File: VW013068.D

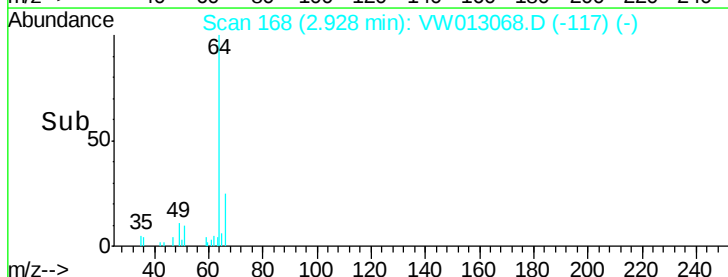
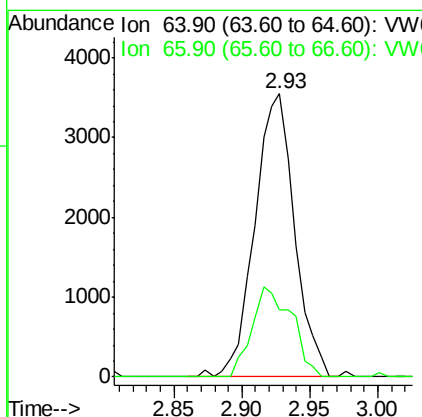
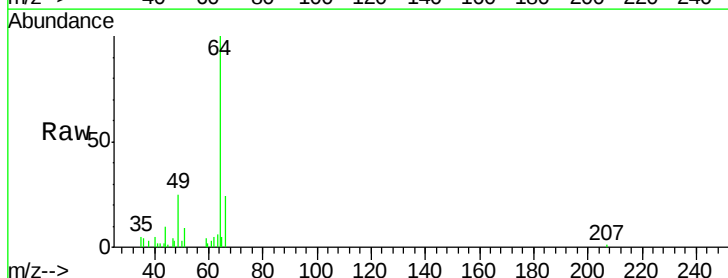
Acq: 17 Sep 2019 04:30

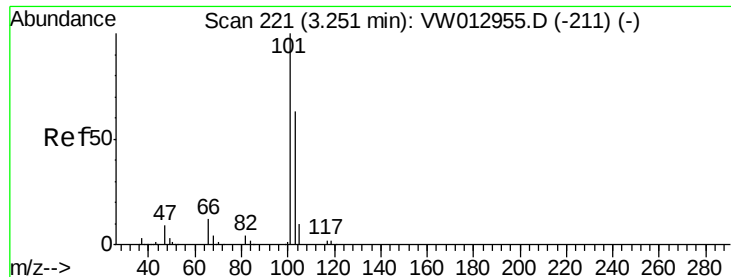
Tgt Ion: 64 Resp: 7268

Ion Ratio Lower Upper

64 100

66 23.7 25.9 38.9#





#7

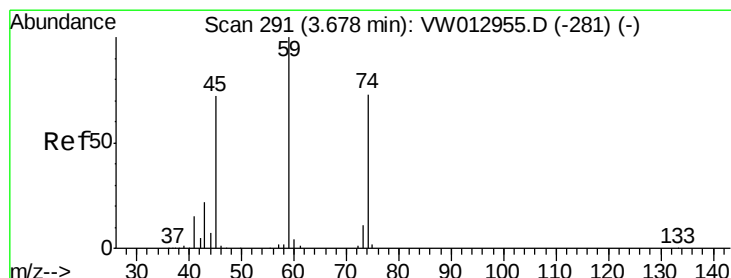
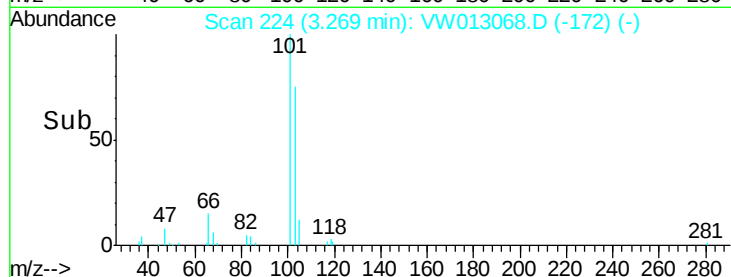
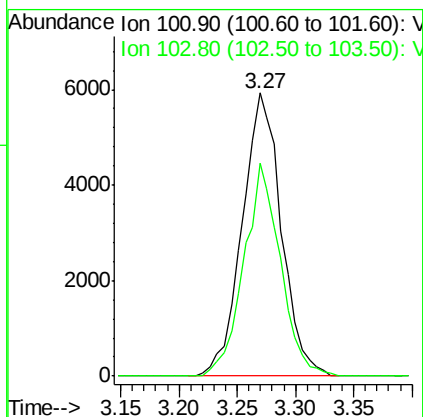
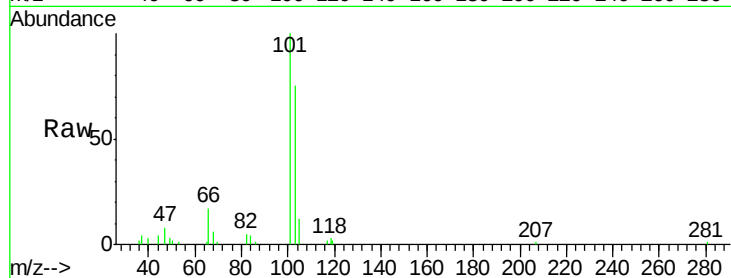
Trichlorofluoromethane
Concen: 112.435 ug/l
RT: 3.27 min Scan# 224
Delta R.T. 0.02 min
Lab File: VW013068.D
Acq: 17 Sep 2019 04:30

Instrument :
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Tot Ion:101 Resp: 13906
Ion Ratio Lower Upper
101 100
103 75.4 50.7 76.1

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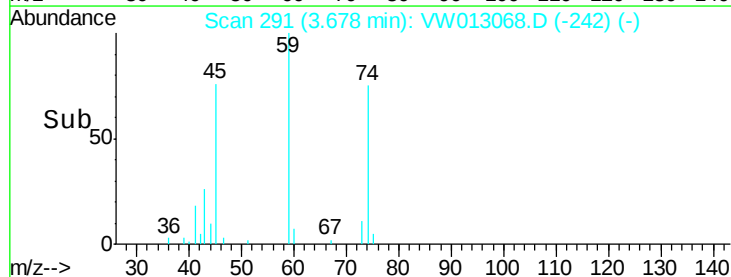
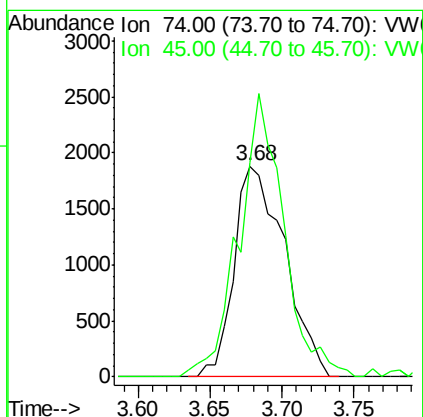
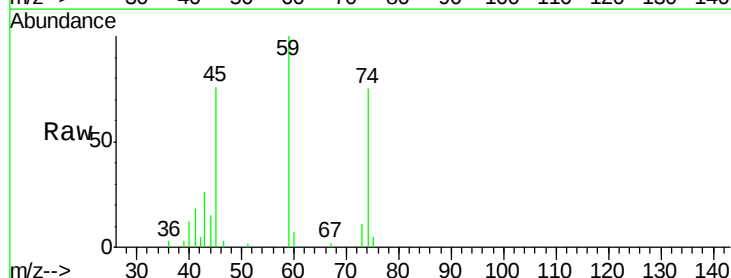
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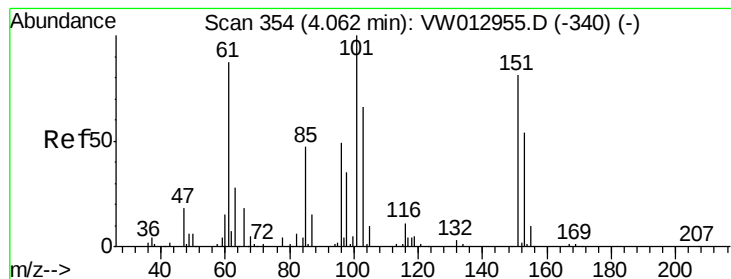


#8

Diethyl Ether
Concen: 47.466 ug/l
RT: 3.68 min Scan# 291
Delta R.T. -0.00 min
Lab File: VW013068.D
Acq: 17 Sep 2019 04:30

Tgt Ion: 74 Resp: 4584
Ion Ratio Lower Upper
74 100
45 119.2 53.8 161.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 54.076 ug/l

RT: 4.07 min Scan# 356

Delta R.T. 0.01 min

Lab File: VW013068.D

Acq: 17 Sep 2019 04:30

Instrument :

MSVOA_W

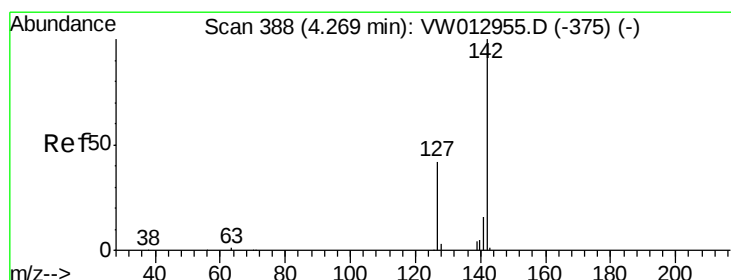
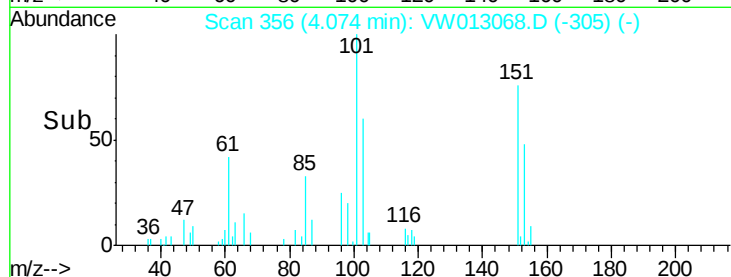
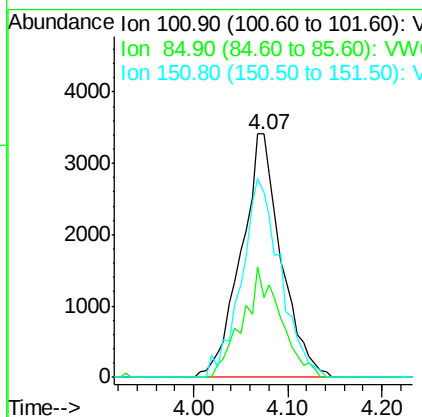
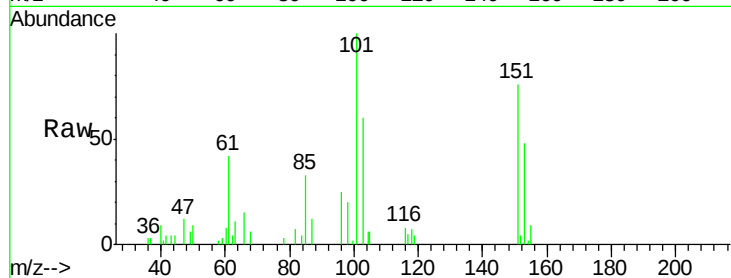
ClientSampleId :

SB-3C-(9)MS

Tot Ion:	101	Resp:	10144
Ion Ratio	Lower	Upper	
101	100		
85	42.9	34.9	52.3
151	79.8	66.0	99.0

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#10

Methyl Iodide

Concen: 57.641 ug/l

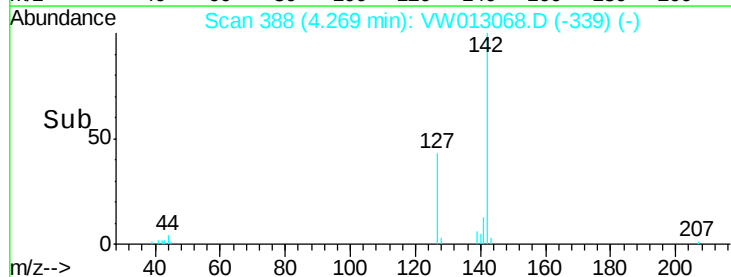
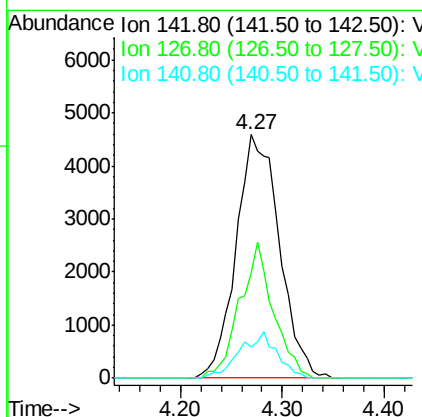
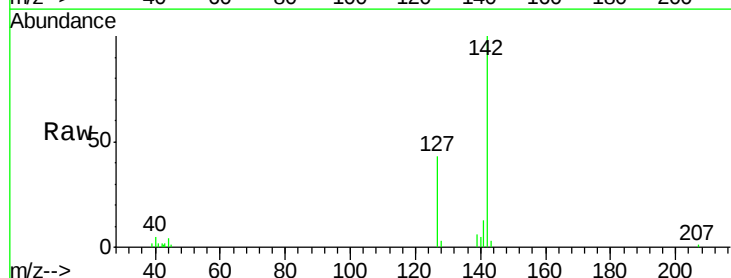
RT: 4.27 min Scan# 388

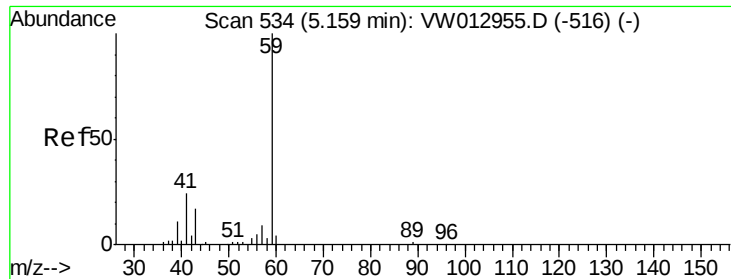
Delta R.T. -0.00 min

Lab File: VW013068.D

Acq: 17 Sep 2019 04:30

Tgt Ion:	142	Resp:	13532
Ion Ratio	Lower	Upper	
142	100		
127	43.1	34.7	52.1
141	16.1	12.2	18.2





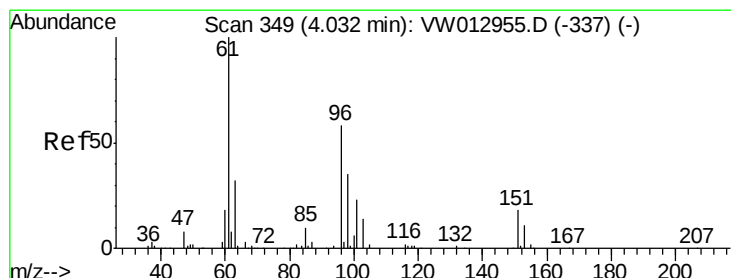
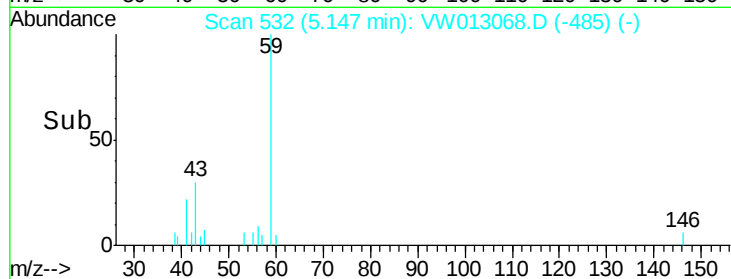
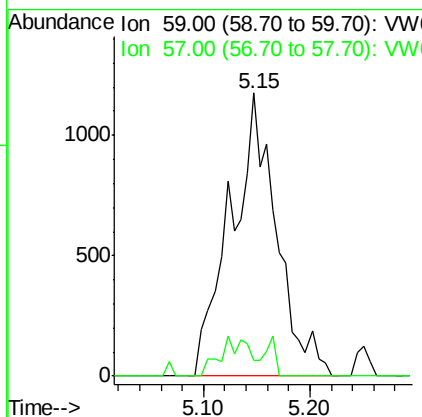
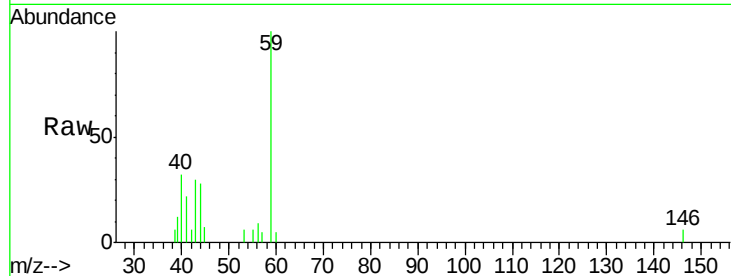
#11
Tert butyl alcohol
Concen: 227.185 ug/l
RT: 5.15 min Scan# 532
Delta R.T. -0.01 min
Lab File: VW013068.D
Acq: 17 Sep 2019 04:30

Instrument :
MSVOA_W
ClientSampled :
SB-3C-(9)MS

Tot Ion	Ratio	Lower	Upper
59	100		
57	0.0	8.5	12.7#

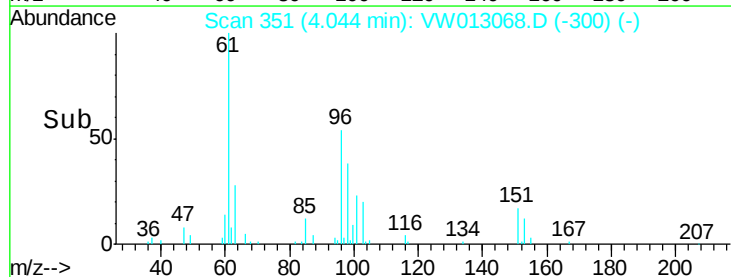
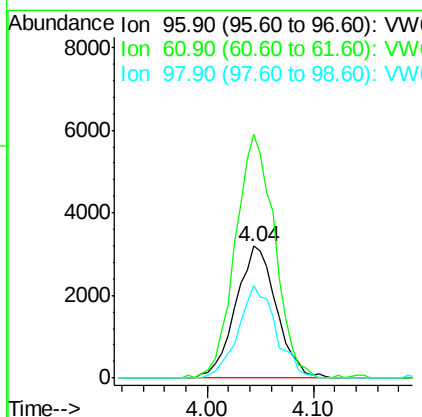
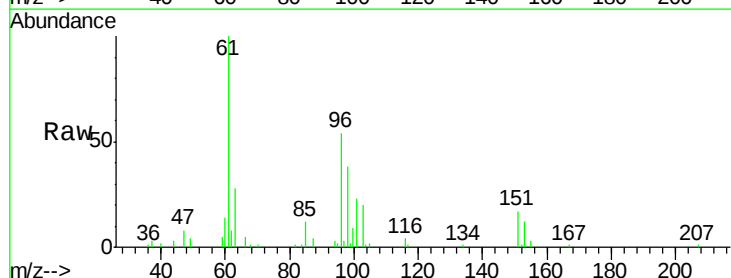
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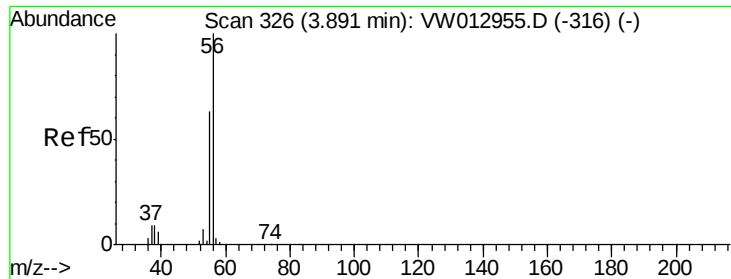
MMDadoda
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#12
1,1-Dichloroethene
Concen: 50.316 ug/l
RT: 4.04 min Scan# 351
Delta R.T. 0.01 min
Lab File: VW013068.D
Acq: 17 Sep 2019 04:30

Tgt Ion	Ratio	Lower	Upper
96	100		
61	183.1	137.9	206.9
98	70.2	48.9	73.3





#13

Acrolein

Concen: Below Cal

RT: 3.92 min Scan# 330

Delta R.T. 0.02 min

Lab File: VW013068.D

Acq: 17 Sep 2019 04:30

Instrument :

MSVOA_W

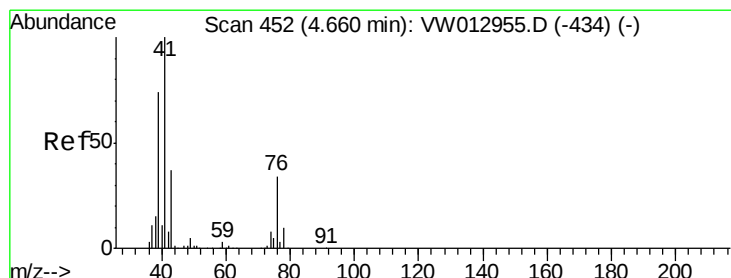
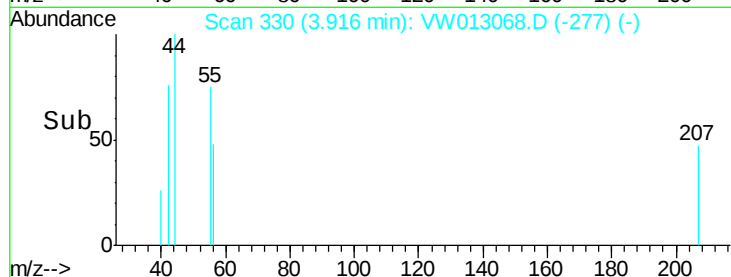
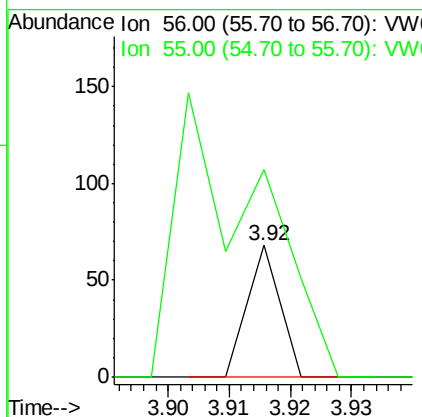
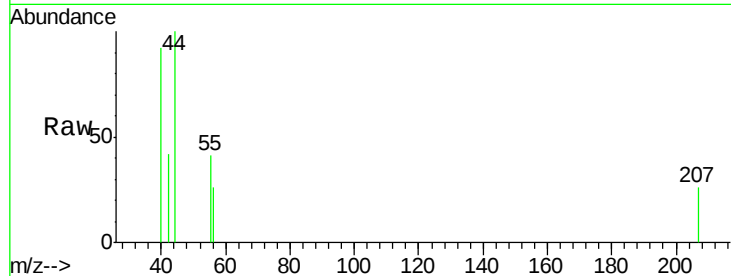
ClientSampleId :

SB-3C-(9)MS

Tot Ion	Ratio	Lower	Upper
56	100		
55	540.0	55.8	83.8#

Manual Integrations
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#14

Allyl chloride

Concen: 47.773 ug/l

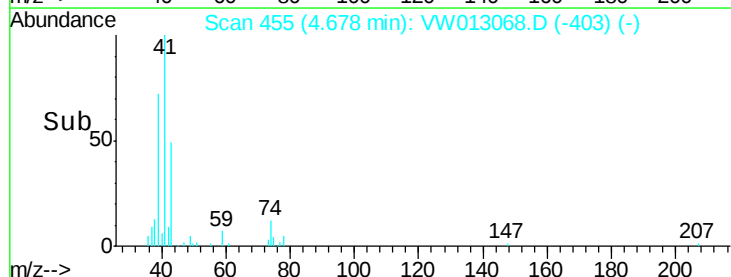
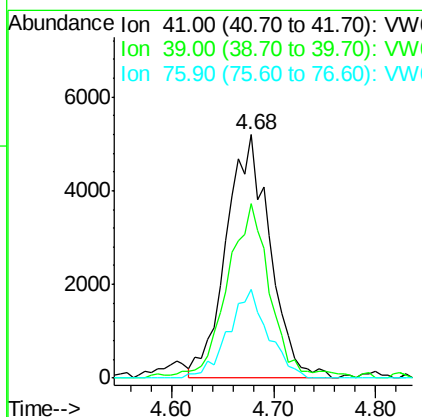
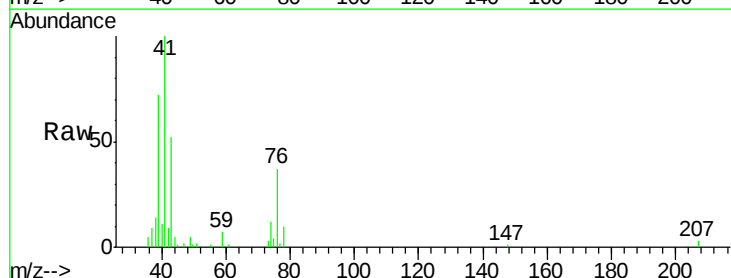
RT: 4.68 min Scan# 455

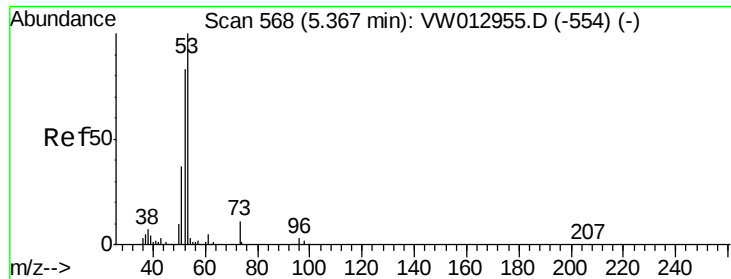
Delta R.T. 0.02 min

Lab File: VW013068.D

Acq: 17 Sep 2019 04:30

Tgt Ion	Ratio	Lower	Upper
41	100		
39	65.0	56.7	85.1
76	33.0	25.1	37.7





#15

Acrylonitrile

Concen: 221.429 ug/l

RT: 5.37 min Scan# 569

Delta R.T. 0.01 min

Lab File: VW013068.D

Acq: 17 Sep 2019 04:30

Instrument :

MSVOA_W

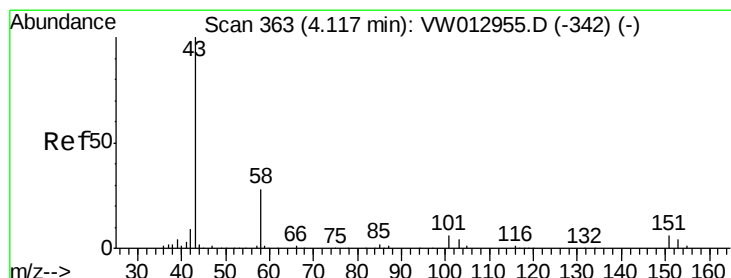
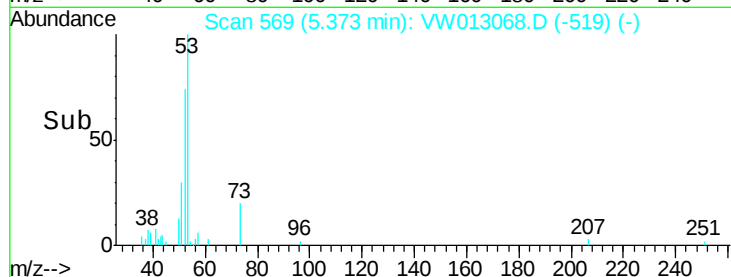
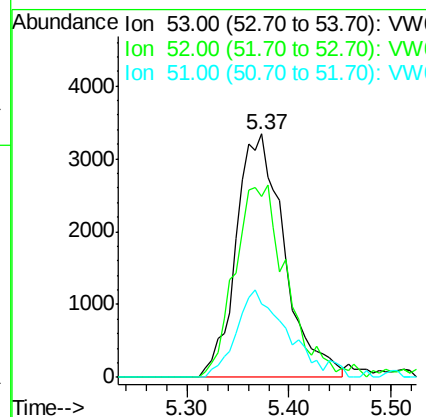
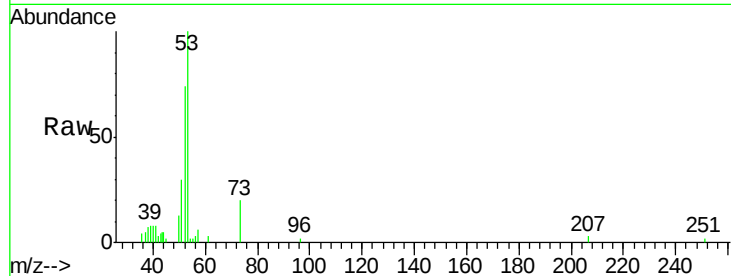
ClientSampleId :

SB-3C-(9)MS

Tot Ion:	53	Resp:	10922
Ion	Ratio	Lower	Upper
53	100		
52	84.8	66.6	100.0
51	36.7	29.8	44.8

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#16

Acetone

Concen: 311.909 ug/l

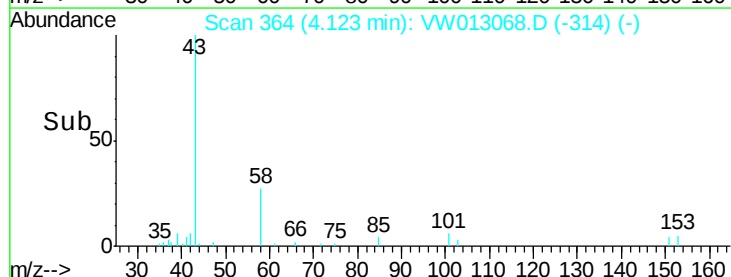
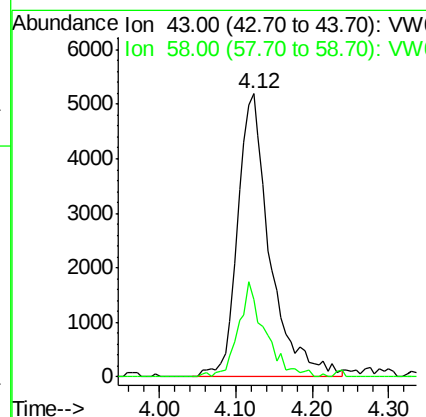
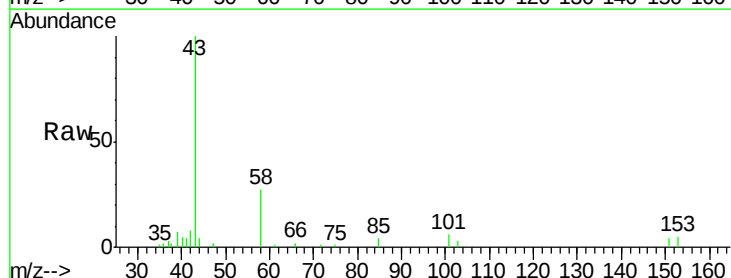
RT: 4.12 min Scan# 364

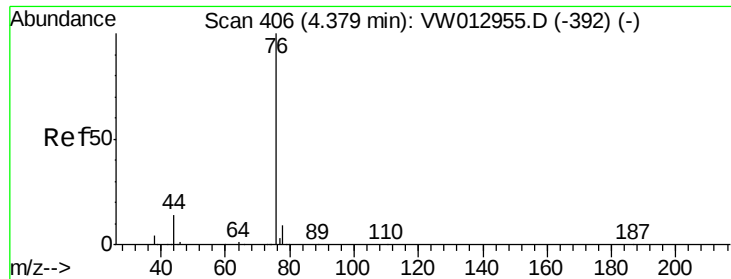
Delta R.T. 0.01 min

Lab File: VW013068.D

Acq: 17 Sep 2019 04:30

Tgt Ion:	43	Resp:	15206
Ion	Ratio	Lower	Upper
43	100		
58	27.1	22.3	33.5





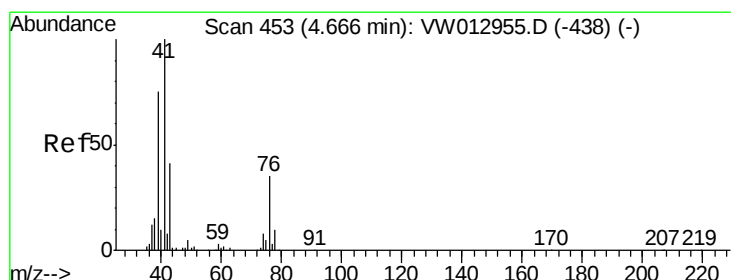
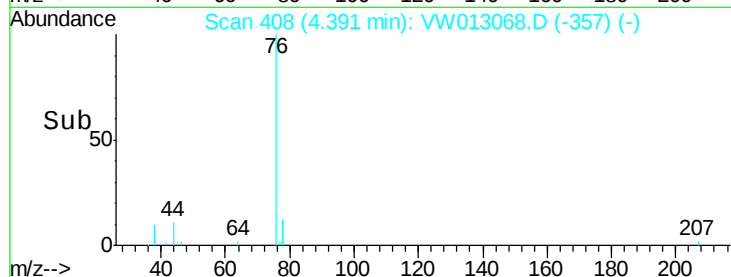
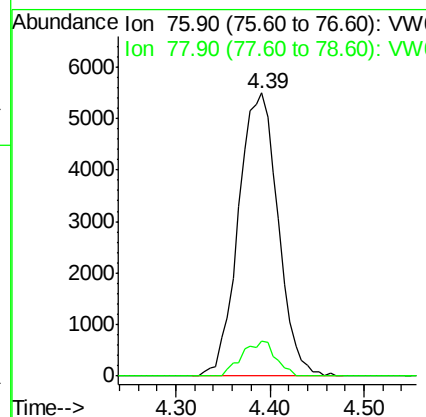
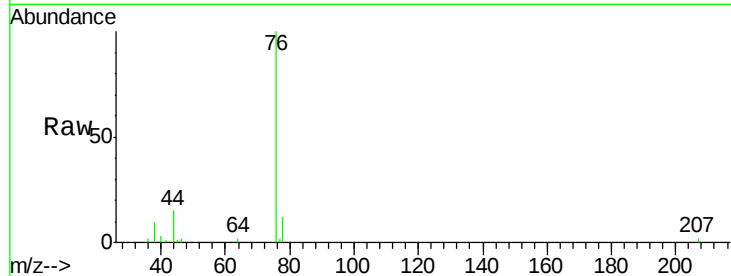
#17
Carbon Disulfide
Concen: 47.449 ug/l
RT: 4.39 min Scan# 408
Delta R.T. 0.01 min
Lab File: VW013068.D
Acq: 17 Sep 2019 04:30

Instrument :
MSVOA_W
ClientSampleId :
SB-3C-(9)MS

Tot Ion	Ratio	Lower	Upper
76	100		
78	12.2	7.0	10.4#

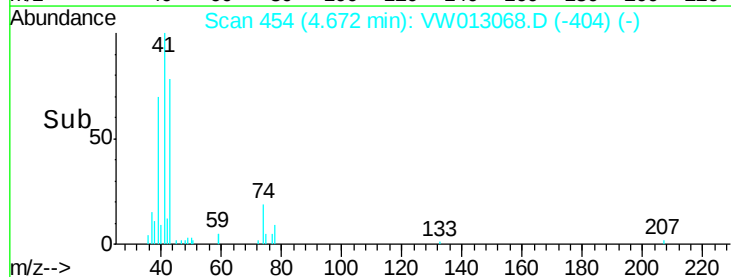
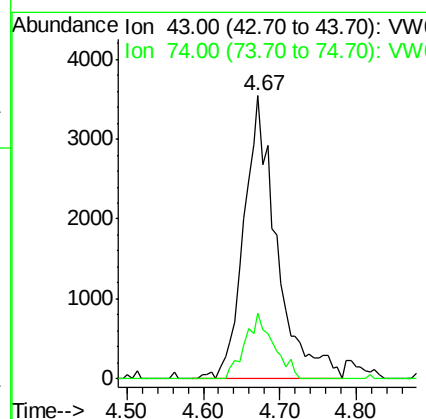
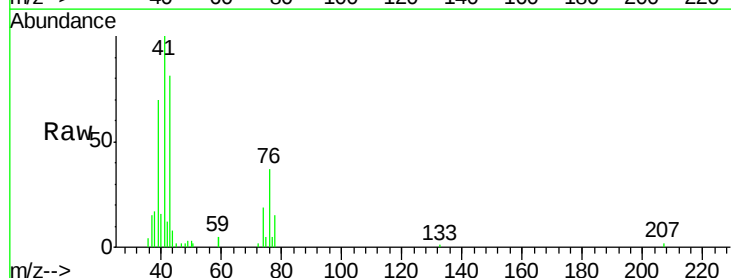
Manual Integrations
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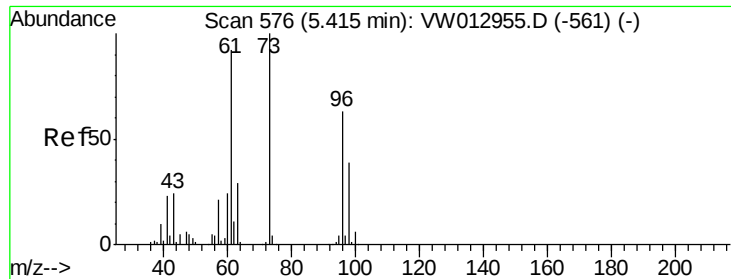
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#18
Methyl Acetate
Concen: 81.726 ug/l
RT: 4.67 min Scan# 454
Delta R.T. 0.01 min
Lab File: VW013068.D
Acq: 17 Sep 2019 04:30

Tgt Ion	Ratio	Lower	Upper
43	100		
74	20.1	17.8	26.8





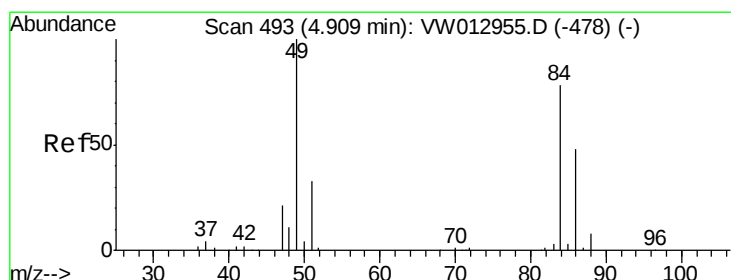
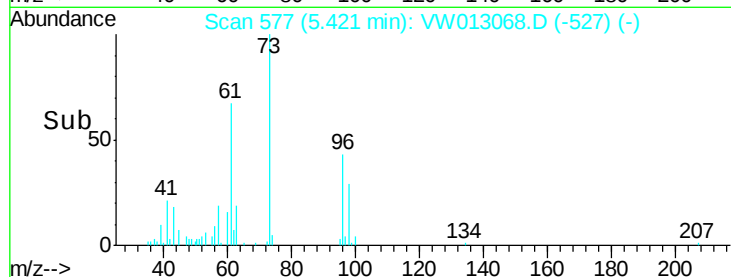
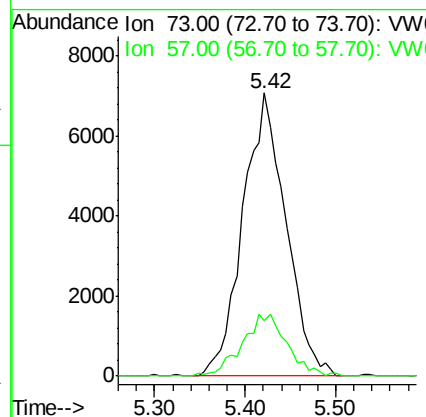
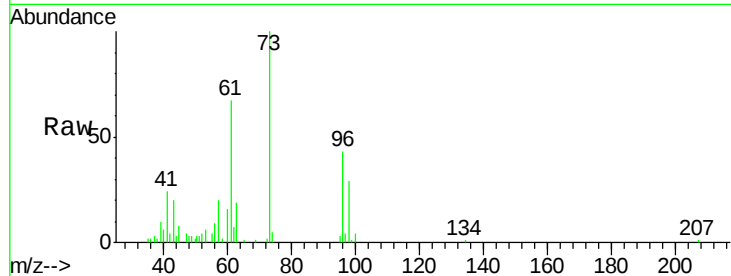
#19
Methyl tert-butyl Ether
Concen: 68.899 ug/l
RT: 5.42 min Scan# 577
Delta R.T. 0.01 min
Lab File: VW013068.D
Acq: 17 Sep 2019 04:30

Instrument :
MSVOA_W
ClientSampleId :
SB-3C-(9)MS

Tot Ion: 73 Resp: 23197
Ion Ratio Lower Upper
73 100
57 19.8 16.4 24.6

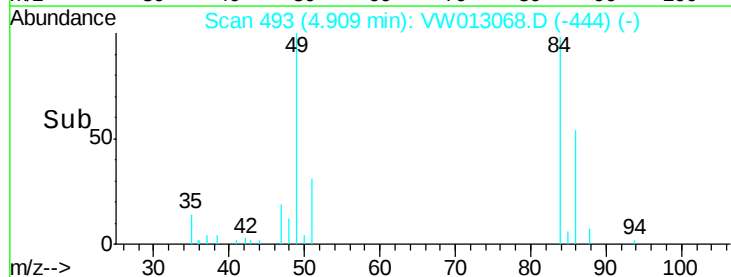
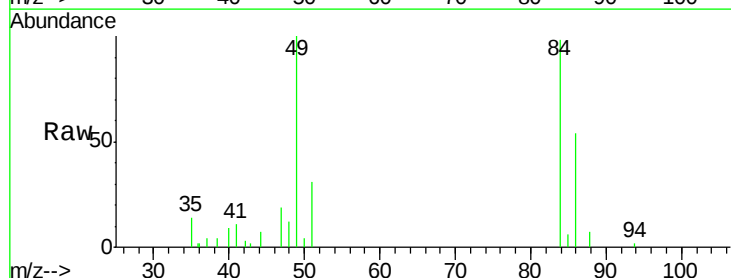
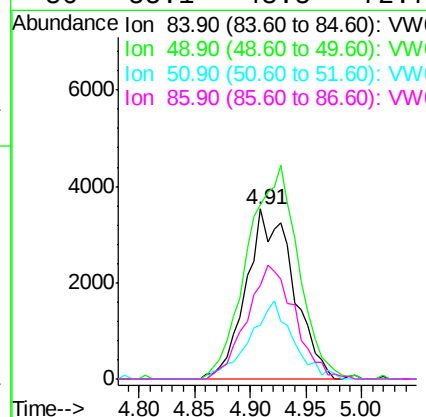
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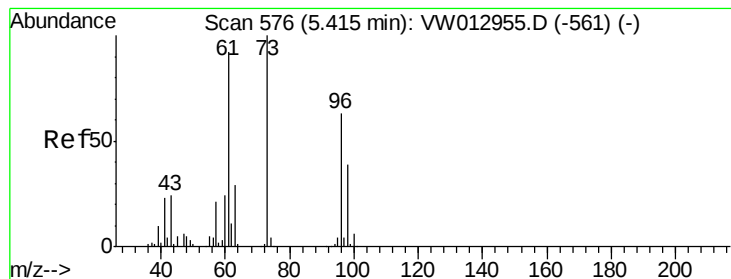
MMDadoda
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#20
Methylene Chloride
Concen: 57.252 ug/l
RT: 4.91 min Scan# 493
Delta R.T. 0.00 min
Lab File: VW013068.D
Acq: 17 Sep 2019 04:30

Tgt Ion: 84 Resp: 10417
Ion Ratio Lower Upper
84 100
49 102.3 102.0 153.0
51 31.6 34.0 51.0#
86 55.1 48.5 72.7





#21

trans-1,2-Dichloroethene

Concen: 52.305 ug/l

RT: 5.43 min Scan# 579

Delta R.T. 0.02 min

Lab File: VW013068.D

Acq: 17 Sep 2019 04:30

Instrument :

MSVOA_W

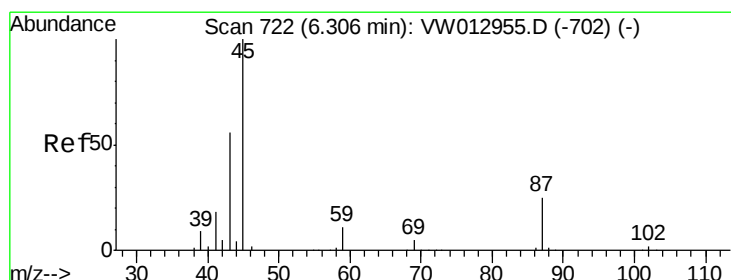
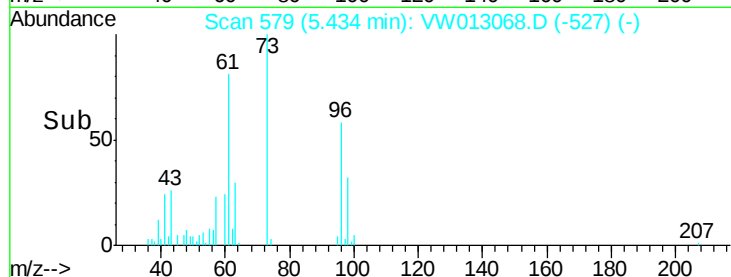
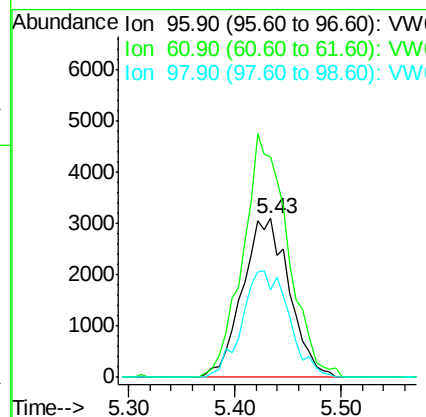
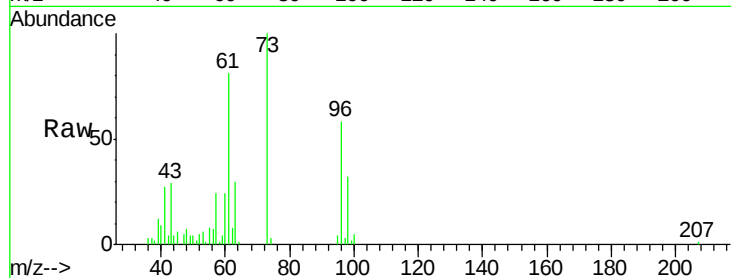
ClientSampleId :

SB-3C-(9)MS

Tot Ion:	96	Resp:	9555
Ion	Ratio	Lower	Upper
96	100		
61	138.4	116.2	174.2
98	54.8	49.8	74.6

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#22

Diisopropyl ether

Concen: 50.479 ug/l

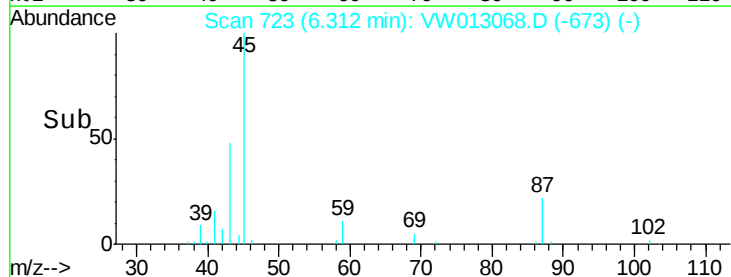
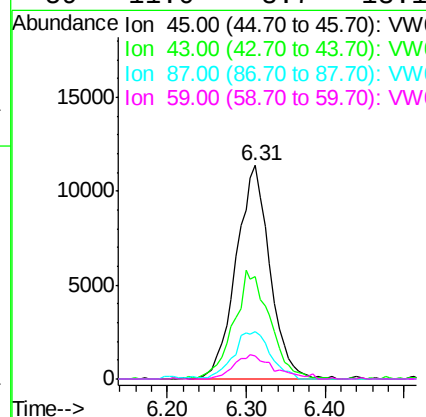
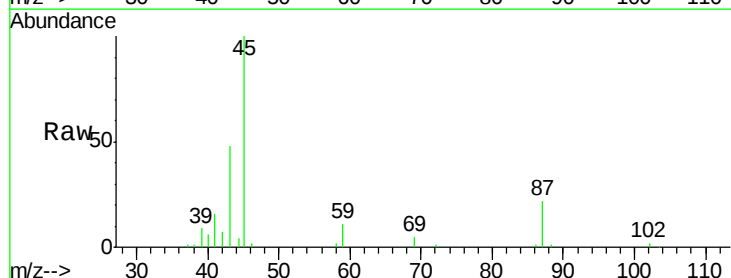
RT: 6.31 min Scan# 723

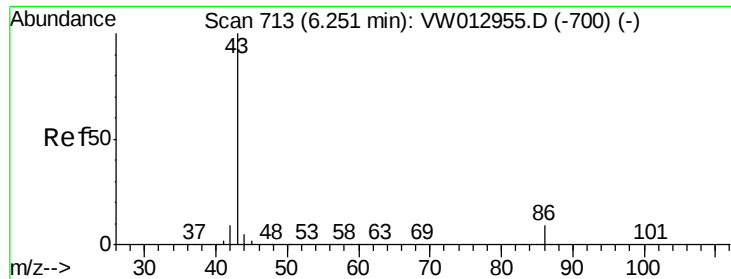
Delta R.T. 0.01 min

Lab File: VW013068.D

Acq: 17 Sep 2019 04:30

Tgt Ion:	45	Resp:	33956
Ion	Ratio	Lower	Upper
45	100		
43	47.7	44.6	67.0
87	22.3	20.0	30.0
59	11.0	8.7	13.1





#23

Vinyl Acetate

Concen: 45.881 ug/l

RT: 6.30 min Scan# 721

Delta R.T. 0.05 min

Lab File: VW013068.D

Acq: 17 Sep 2019 04:30

Instrument :

MSVOA_W

ClientSampleId :

SB-3C-(9)MS

Tot Ion: 43 Resp: 18485

Ion Ratio Lower Upper

43 100

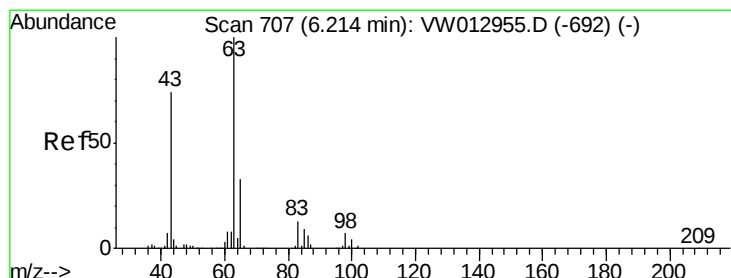
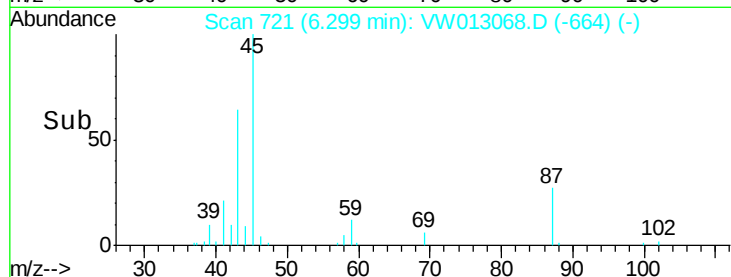
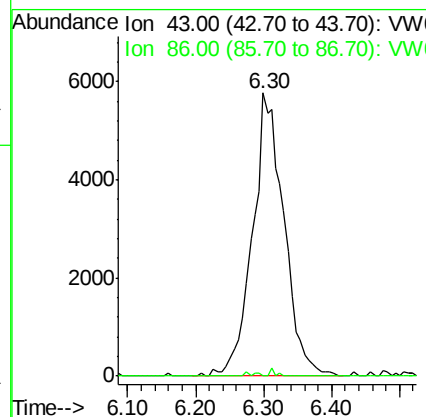
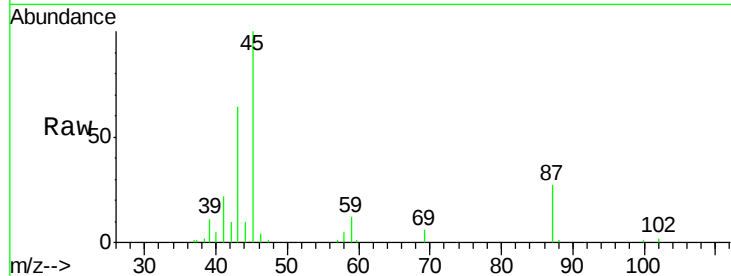
86 0.0 7.0 10.6#

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 52.052 ug/l

RT: 6.22 min Scan# 708

Delta R.T. 0.01 min

Lab File: VW013068.D

Acq: 17 Sep 2019 04:30

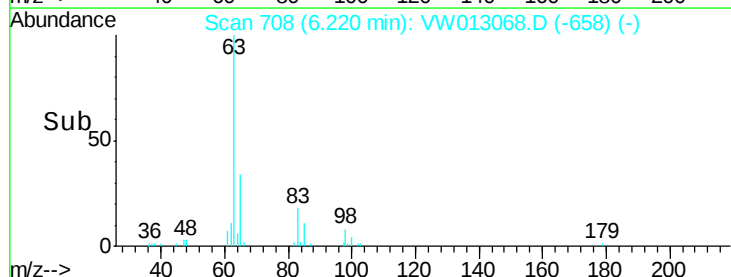
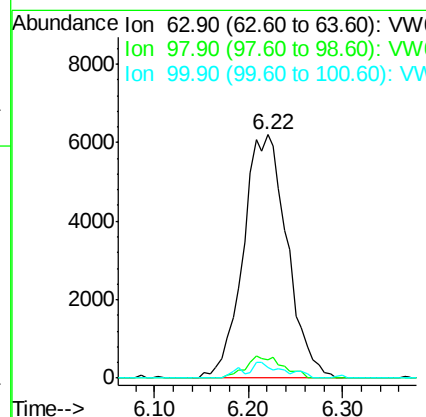
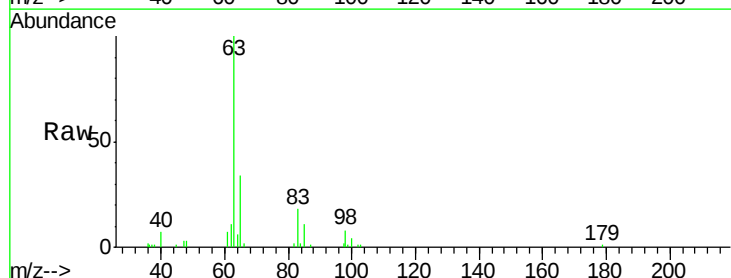
Tgt Ion: 63 Resp: 20188

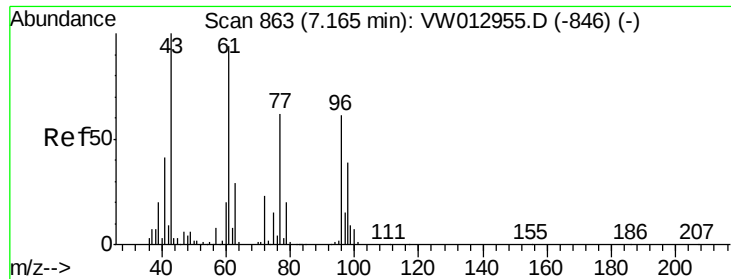
Ion Ratio Lower Upper

63 100

98 8.8 3.3 9.9

100 4.3 1.8 5.5





#25

2-Butanone

Concen: 234.970 ug/l

RT: 7.17 min Scan# 863

Delta R.T. -0.00 min

Lab File: VW013068.D

Acq: 17 Sep 2019 04:30

Instrument :

MSVOA_W

ClientSampleId :

SB-3C-(9)MS

Tot Ion: 43 Resp: 17051

Ion Ratio Lower Upper

43 100

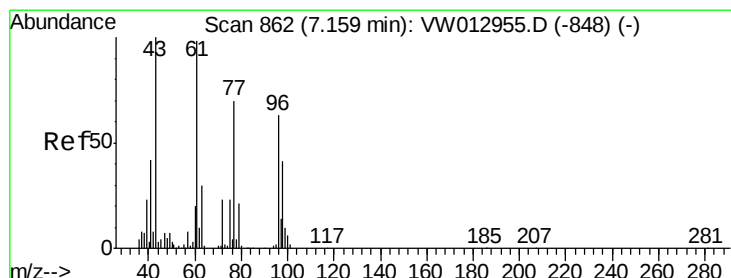
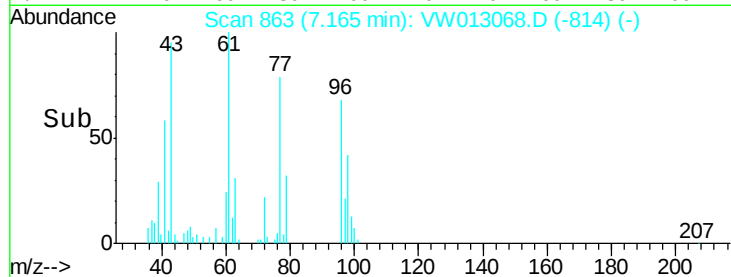
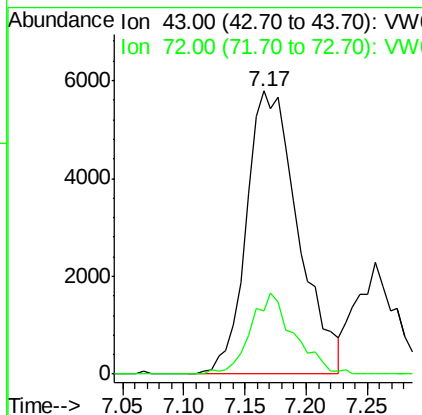
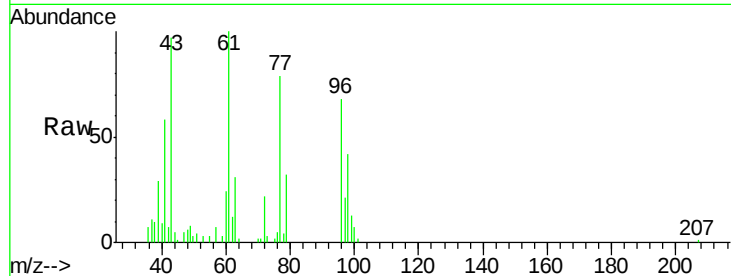
72 22.5 18.2 27.4

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 61.389 ug/l

RT: 7.17 min Scan# 864

Delta R.T. 0.01 min

Lab File: VW013068.D

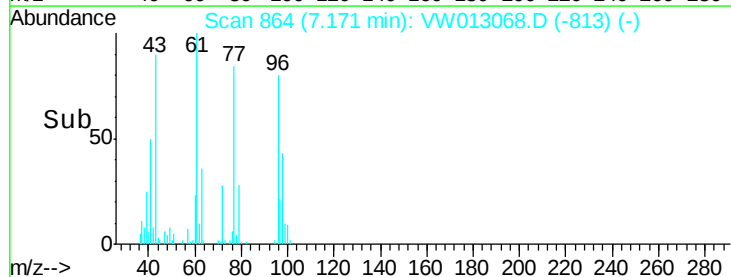
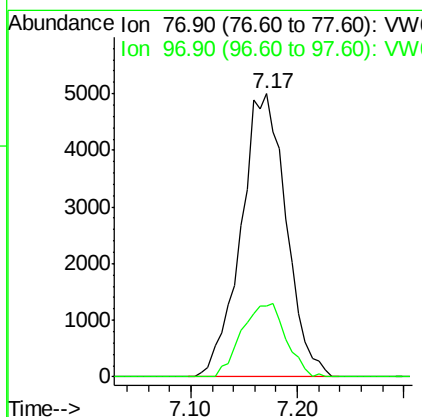
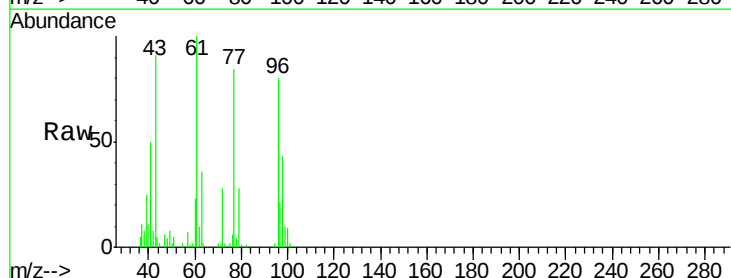
Acq: 17 Sep 2019 04:30

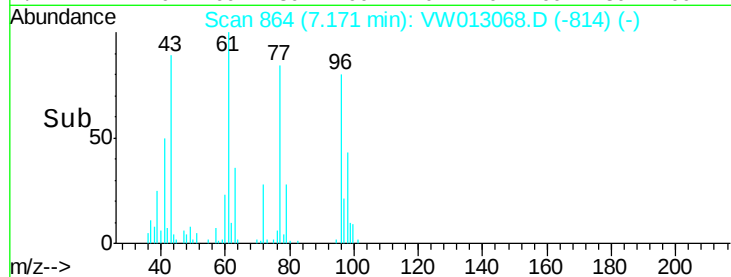
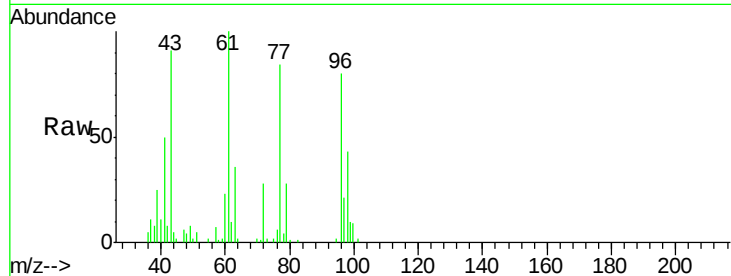
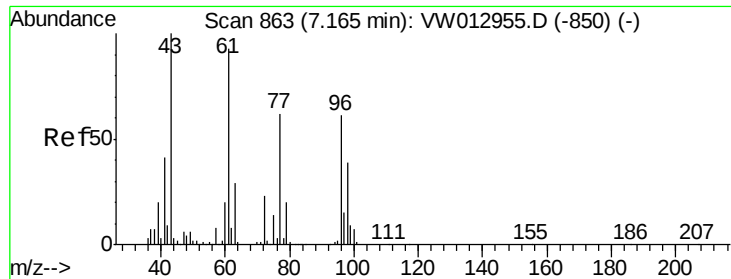
Tgt Ion: 77 Resp: 14867

Ion Ratio Lower Upper

77 100

97 25.3 10.7 32.1





#27

cis-1,2-Dichloroethene

Concen: 52.509 ug/l

RT: 7.17 min Scan# 864

Delta R.T. 0.01 min

Lab File: VW013068.D

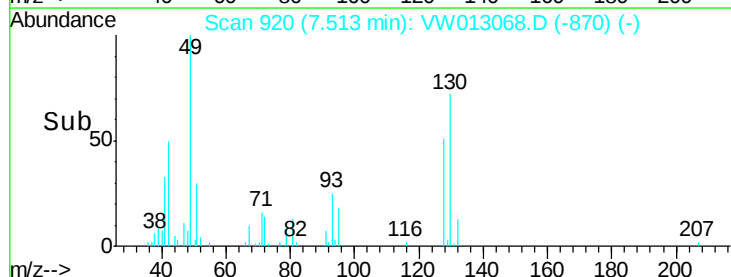
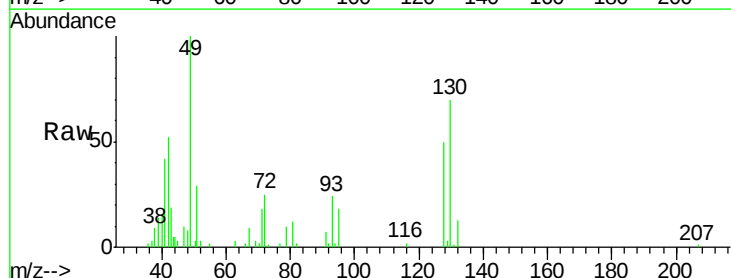
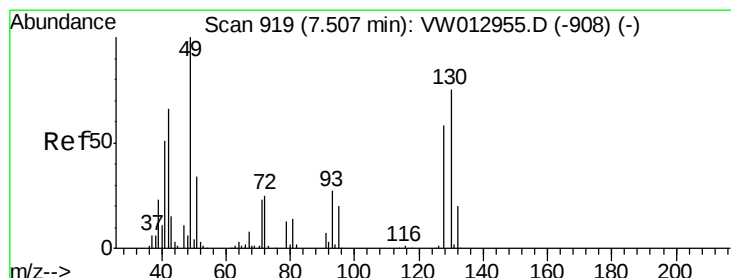
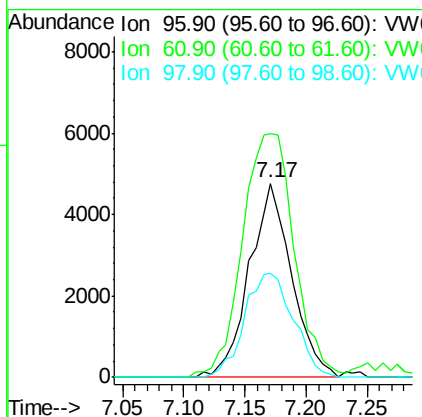
Acq: 17 Sep 2019 04:30

Tot Ion	Ratio	Resp	Lower	Upper
96	100			
61	153.3	0.0	315.4	
98	61.8	0.0	131.0	

Instrument :
MSVOA_W
ClientSampleId :
SB-3C-(9)MS

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#28

Bromochloromethane

Concen: 58.128 ug/l

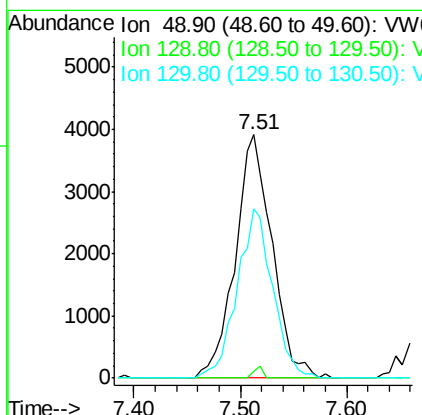
RT: 7.51 min Scan# 920

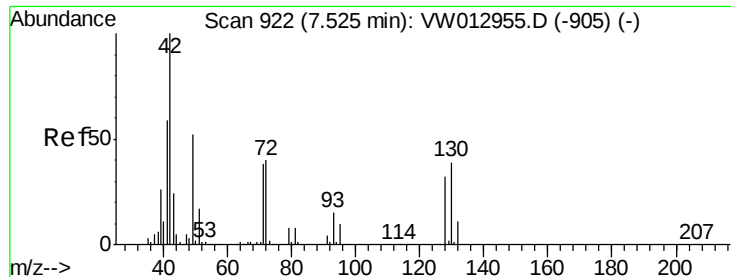
Delta R.T. 0.01 min

Lab File: VW013068.D

Acq: 17 Sep 2019 04:30

Tgt Ion	Ratio	Resp	Lower	Upper
49	100			
129	1.1	0.0	1.4	
130	67.0	57.8	86.6	





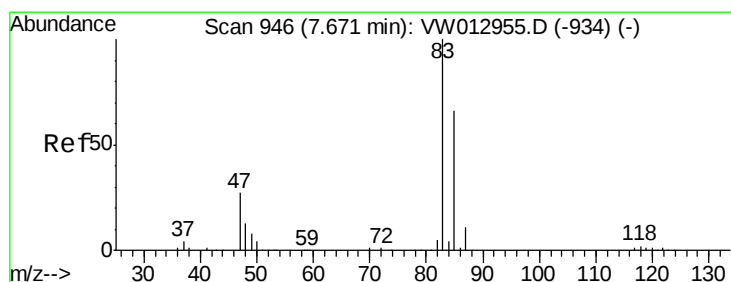
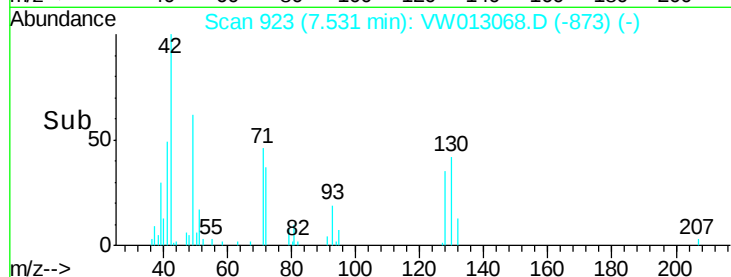
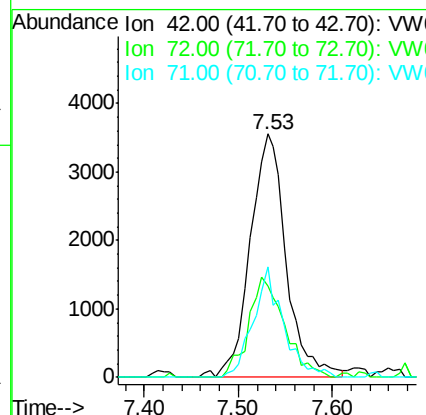
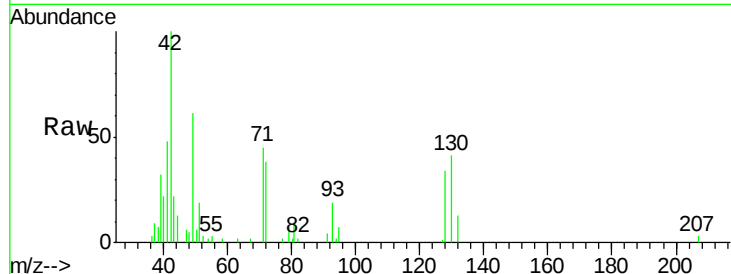
#29
Tetrahydrofuran
Concen: 230.729 ug/l
RT: 7.53 min Scan# 923
Delta R.T. 0.01 min
Lab File: VW013068.D
Acq: 17 Sep 2019 04:30

Instrument :
MSVOA_W
ClientSampleId :
SB-3C-(9)MS

Tot Ion	Ratio	Lower	Upper
42	100		
72	41.0	31.4	47.0
71	38.0	29.8	44.8

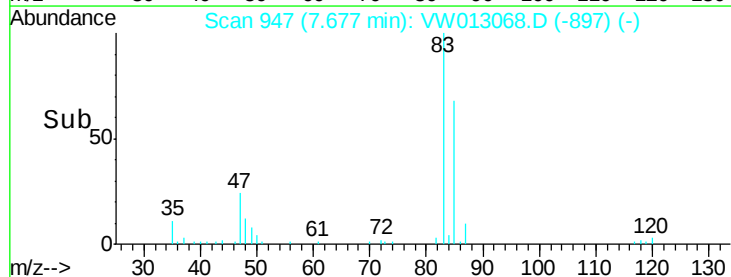
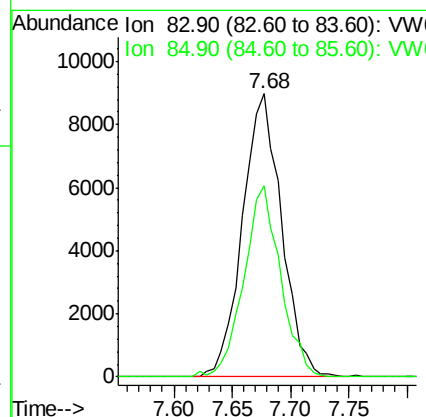
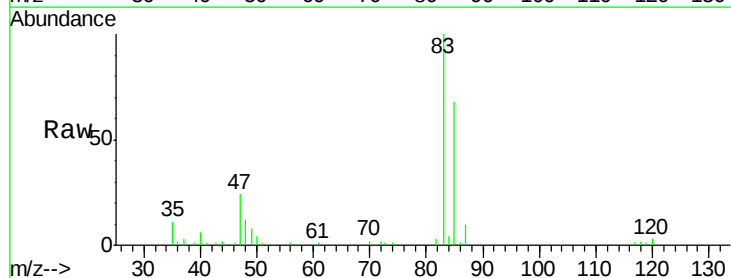
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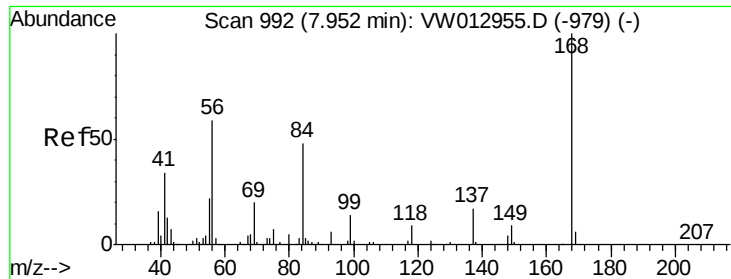
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#30
Chloroform
Concen: 53.083 ug/l
RT: 7.68 min Scan# 947
Delta R.T. 0.01 min
Lab File: VW013068.D
Acq: 17 Sep 2019 04:30

Tgt Ion	Ratio	Lower	Upper
83	100		
85	67.7	52.8	79.2





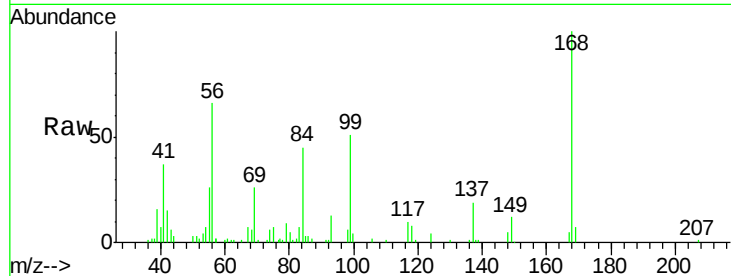
#31
Cyclohexane
Concen: 56.363 ug/l
RT: 7.95 min Scan# 992
Delta R.T. 0.00 min
Lab File: VW013068.D
Acq: 17 Sep 2019 04:30

Instrument :
MSVOA_W
ClientSampleId :
SB-3C-(9)MS

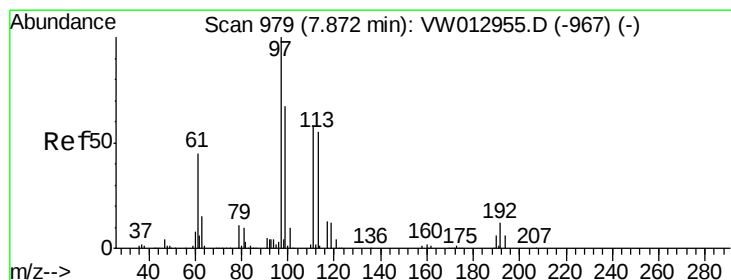
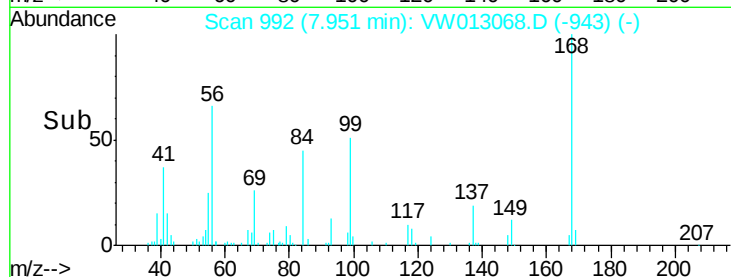
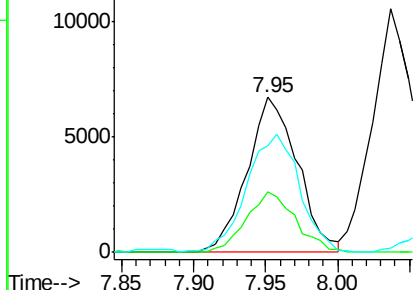
Tot Ion	Ratio	Lower	Upper
56	100		
69	39.2	27.0	40.6
84	67.0	66.2	99.2

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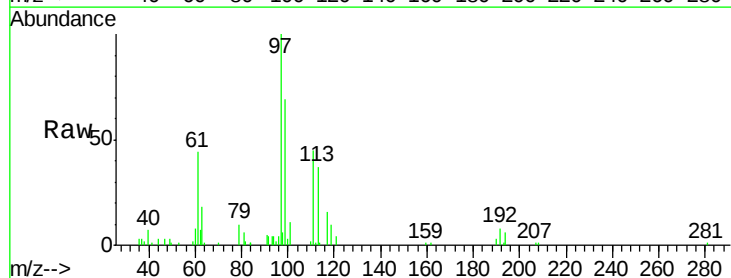


Abundance Ion 56.00 (55.70 to 56.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 84.00 (83.70 to 84.70): VW

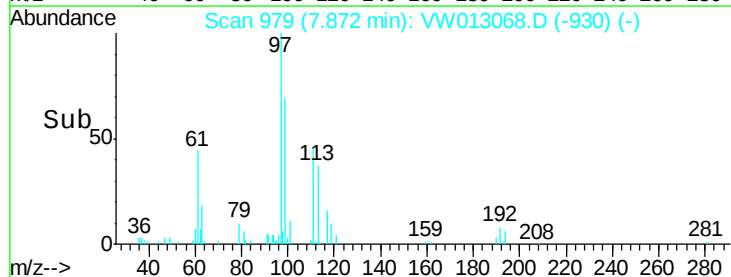
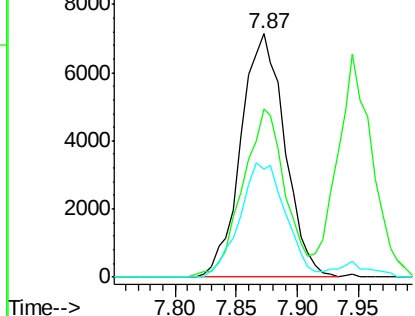


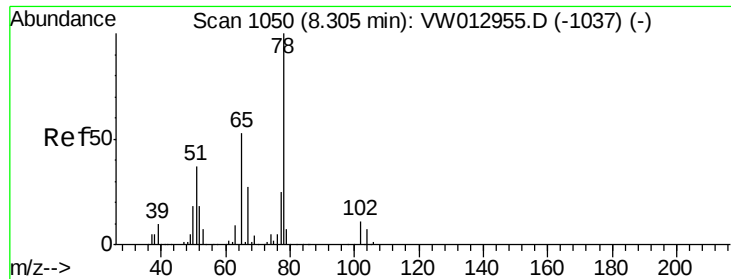
#32
1,1,1-Trichloroethane
Concen: 54.928 ug/l
RT: 7.87 min Scan# 979
Delta R.T. -0.00 min
Lab File: VW013068.D
Acq: 17 Sep 2019 04:30

Tgt Ion	Ratio	Lower	Upper
97	100		
99	66.6	53.0	79.4
61	49.0	36.5	54.7



Abundance Ion 96.90 (96.60 to 97.60): VW
Ion 98.90 (98.60 to 99.60): VW
Ion 60.90 (60.60 to 61.60): VW





#33

1,2-Dichloroethane-d4

Concen: 51.062 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VW013068.D

Acq: 17 Sep 2019 04:30

Instrument :

MSVOA_W

ClientSampleId :

SB-3C-(9)MS

Tot Ion: 65 Resp: 11653

Ion Ratio Lower Upper

65 100

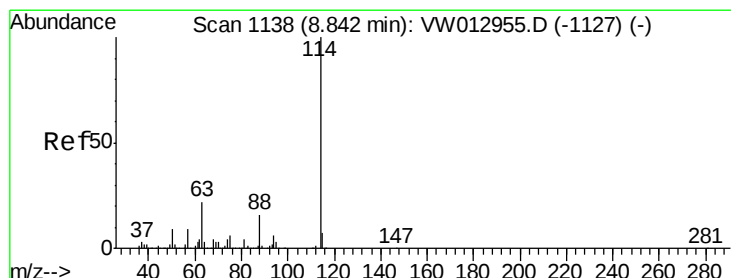
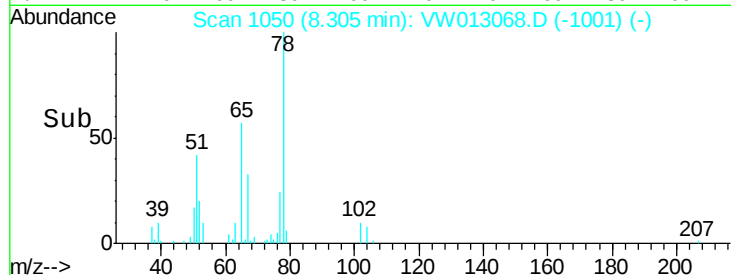
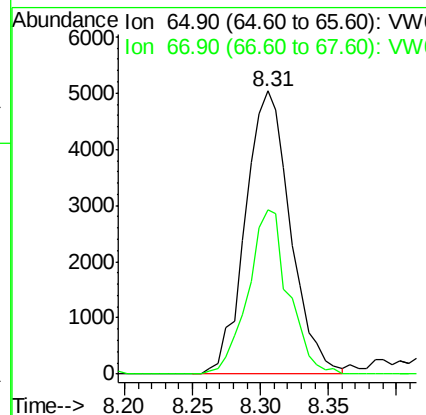
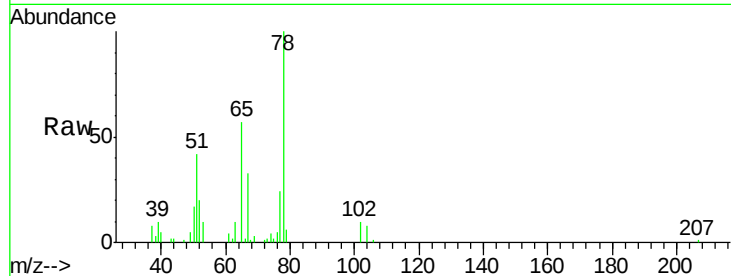
67 52.3 0.0 101.2

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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: VW013068.D

Acq: 17 Sep 2019 04:30

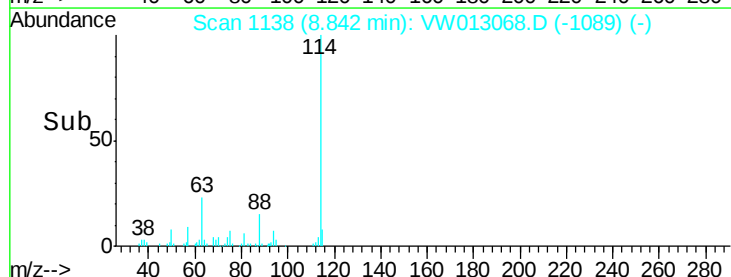
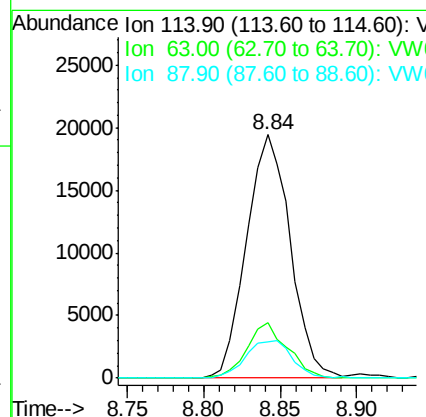
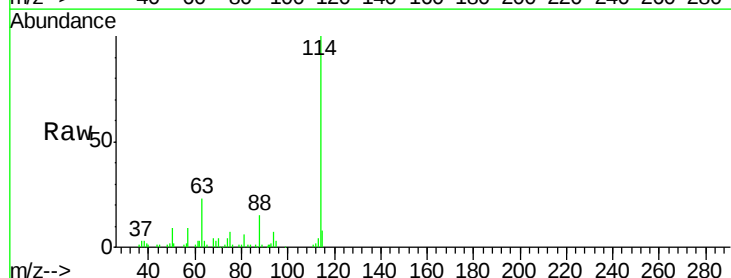
Tgt Ion: 114 Resp: 38671

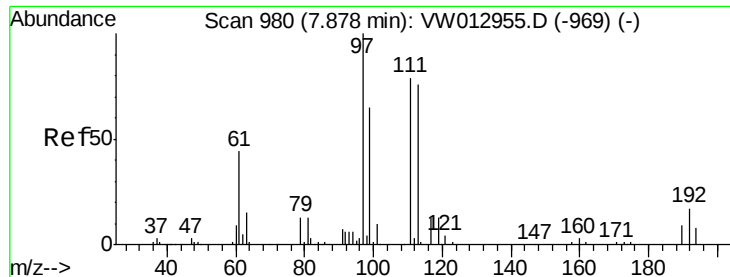
Ion Ratio Lower Upper

114 100

63 22.9 0.0 43.4

88 14.9 0.0 31.6





#35

Dibromofluoromethane

Concen: 46.146 ug/l

RT: 7.88 min Scan# 981

Delta R.T. 0.01 min

Lab File: VW013068.D

Acq: 17 Sep 2019 04:30

Instrument :

MSVOA_W

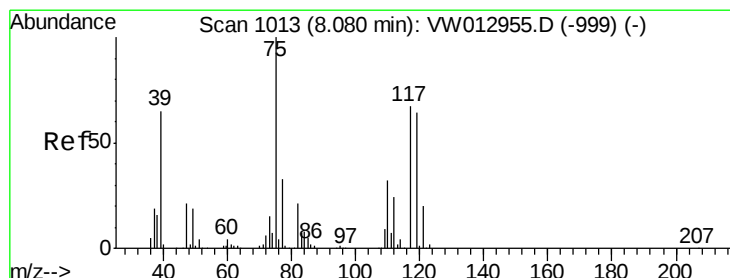
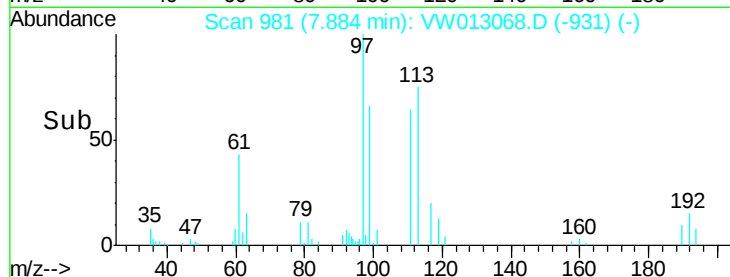
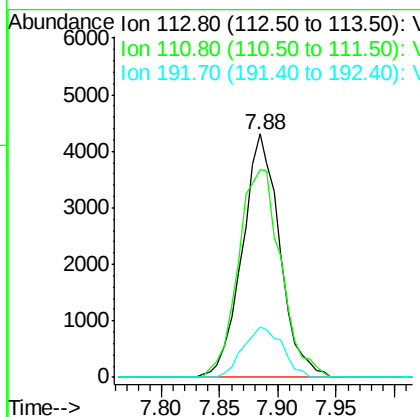
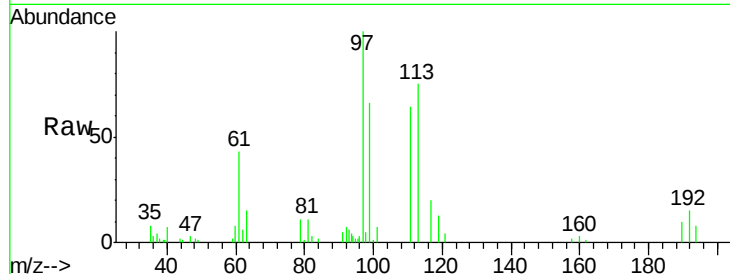
ClientSampleId :

SB-3C-(9)MS

Tot Ion:	113	Resp:	9683
Ion	Ratio	Lower	Upper
113	100		
111	97.1	82.8	124.2
192	21.6	17.8	26.8

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#36

1,1-Dichloropropene

Concen: 46.988 ug/l

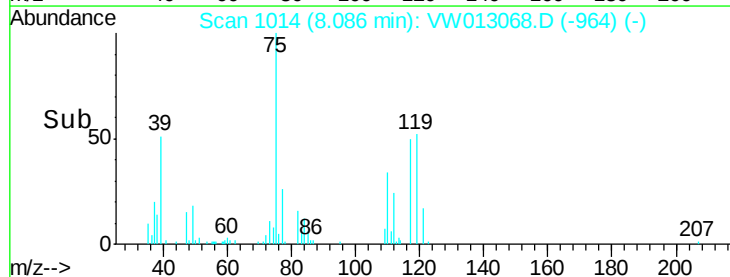
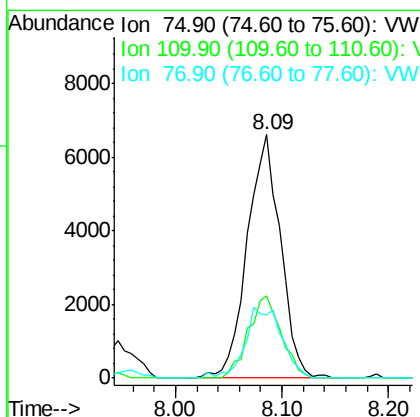
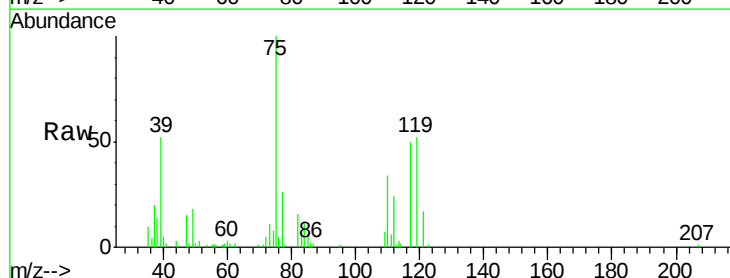
RT: 8.09 min Scan# 1014

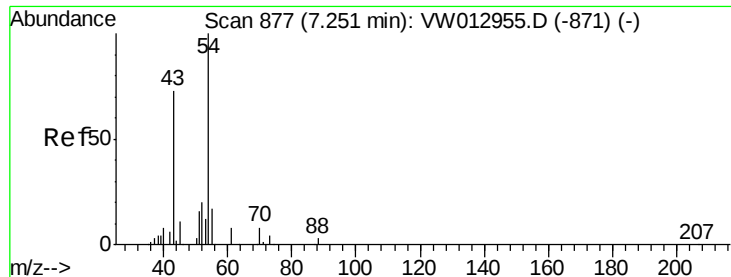
Delta R.T. 0.01 min

Lab File: VW013068.D

Acq: 17 Sep 2019 04:30

Tgt Ion:	75	Resp:	14520
Ion	Ratio	Lower	Upper
75	100		
110	33.3	16.4	49.1
77	32.2	25.1	37.7





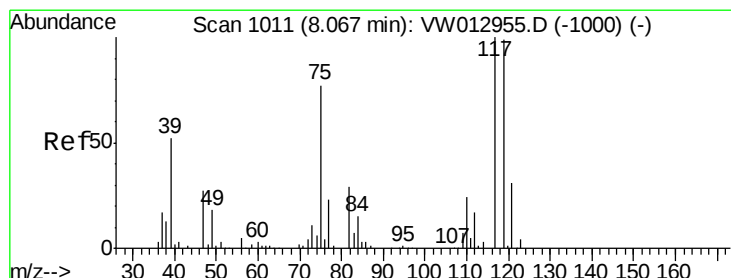
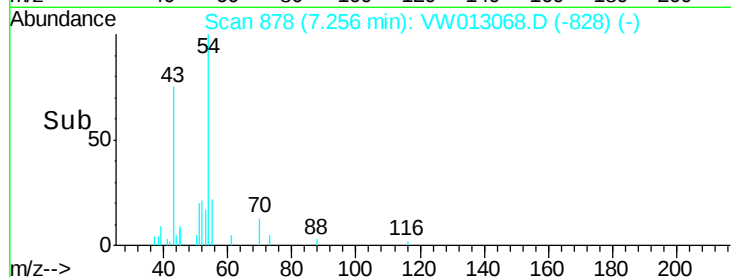
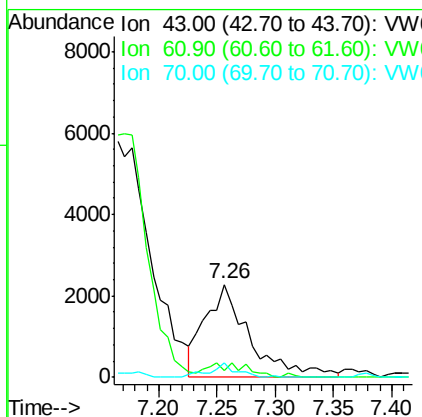
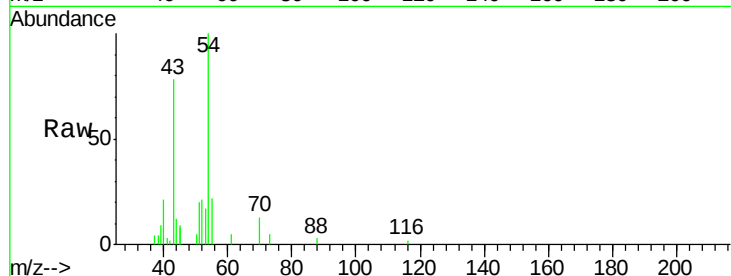
#37
Ethyl Acetate
Concen: 36.812 ug/l
RT: 7.26 min Scan# 878
Delta R.T. 0.01 min
Lab File: VW013068.D
Acq: 17 Sep 2019 04:30

Instrument :
MSVOA_W
ClientSampleId :
SB-3C-(9)MS

Tot Ion	Ratio	Lower	Upper
43	100		
61	0.0	9.6	14.4#
70	8.9	7.6	11.4

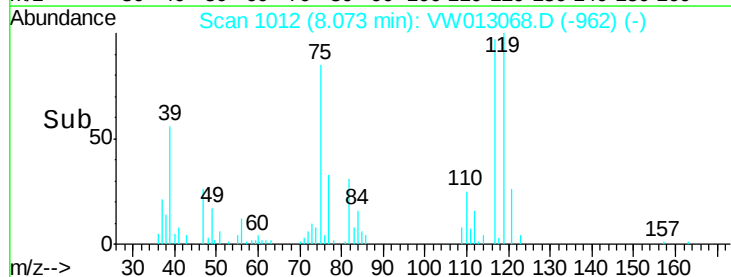
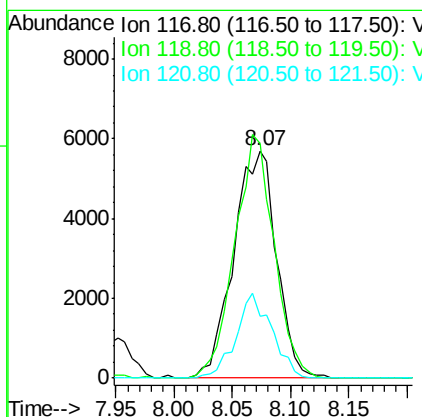
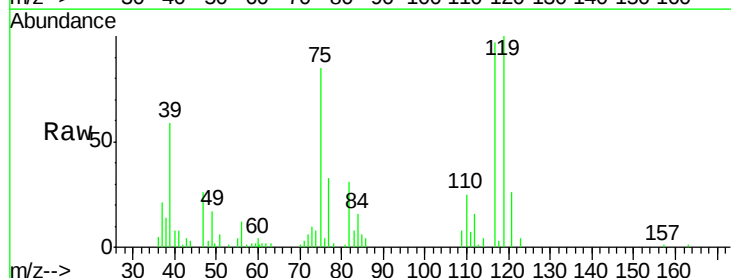
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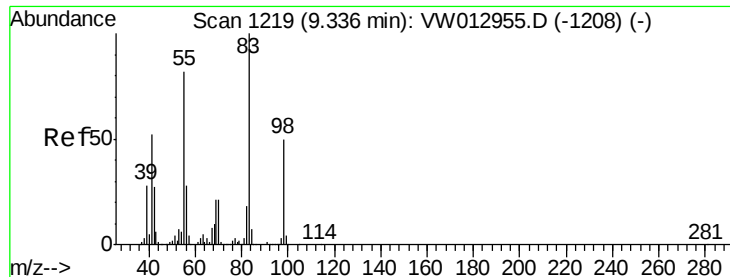
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#38
Carbon Tetrachloride
Concen: 46.171 ug/l
RT: 8.07 min Scan# 1012
Delta R.T. 0.01 min
Lab File: VW013068.D
Acq: 17 Sep 2019 04:30

Tgt Ion	Ratio	Lower	Upper
117	100		
119	103.3	79.4	119.0
121	27.1	24.6	36.8





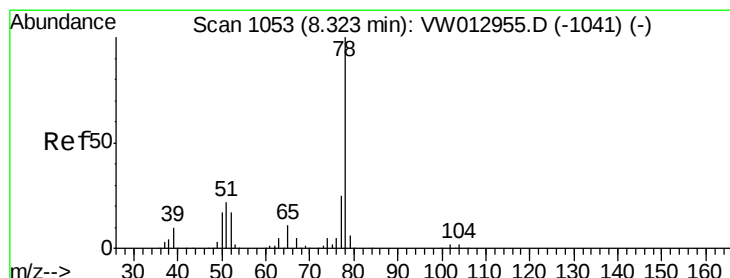
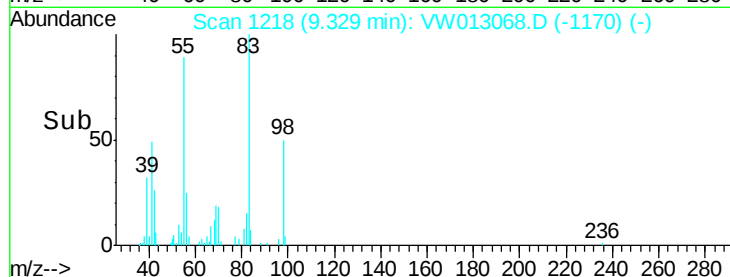
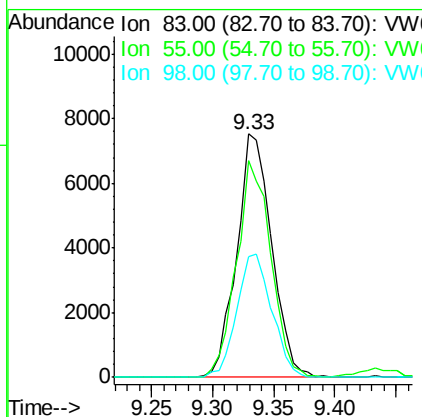
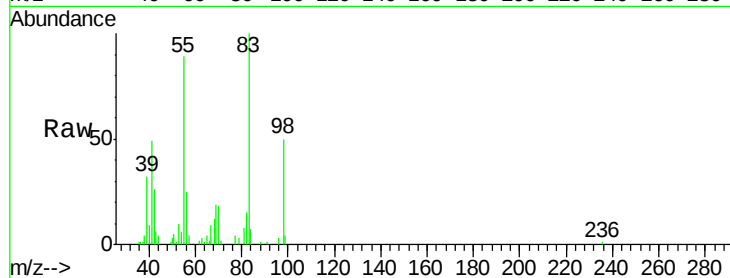
#39
Methvlcvclohexane
Concen: 44.239 ug/l
RT: 9.33 min Scan# 1219
Delta R.T. -0.01 min
Lab File: VW013068.D
Acq: 17 Sep 2019 04:30

Instrument :
MSVOA_W
ClientSampleId :
SB-3C-(9)MS

Tot Ion	Ratio	Lower	Upper
83	100		
55	88.9	65.9	98.9
98	49.8	39.6	59.4

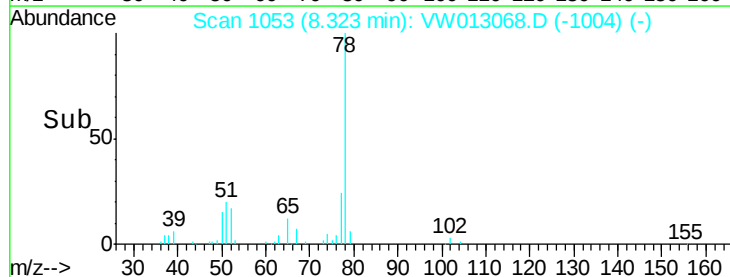
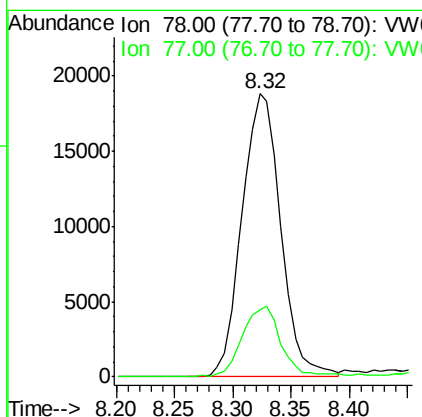
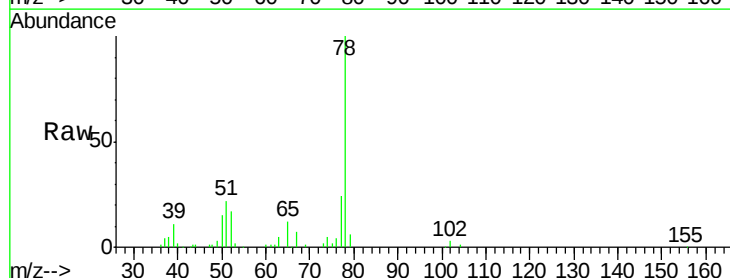
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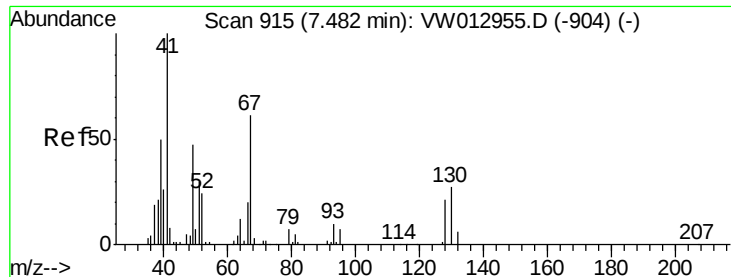
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#40
Benzene
Concen: 50.706 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. -0.00 min
Lab File: VW013068.D
Acq: 17 Sep 2019 04:30

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.7	19.6	29.4





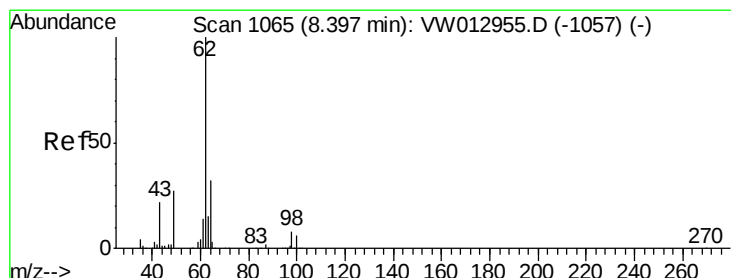
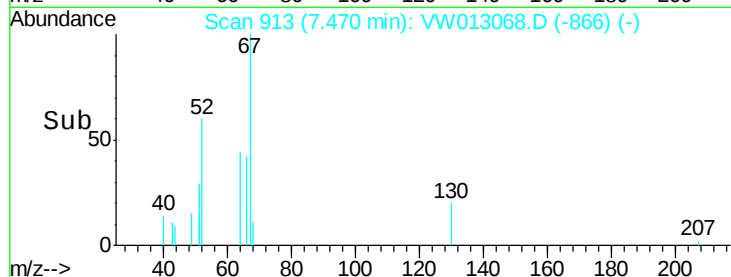
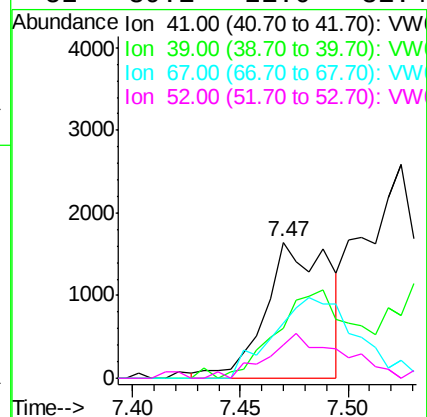
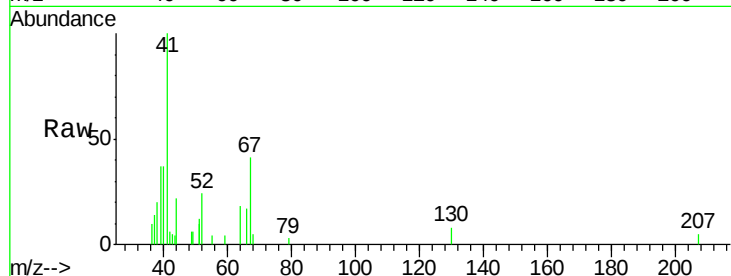
#41
Methacrylonitrile
Concen: 31.274 ug/l m
RT: 7.47 min Scan# 913
Delta R.T. -0.01 min
Lab File: VW013068.D
Acq: 17 Sep 2019 04:30

Instrument :
MSVOA_W
ClientSampleId :
SB-3C-(9)MS

Tot Ion	Ratio	Lower	Upper
41	100		
39	77.7	48.2	72.4#
67	80.1	47.5	71.3#
52	39.1	21.0	31.4#

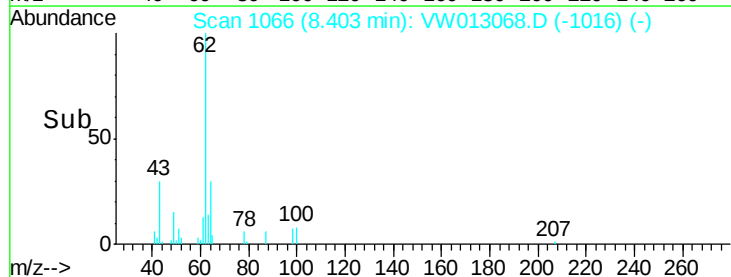
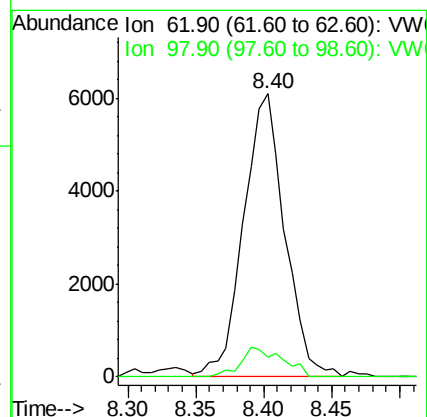
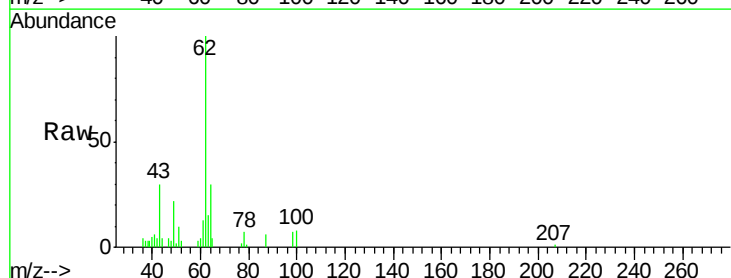
Manual Integrations
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#42
1,2-Dichloroethane
Concen: 44.716 ug/l
RT: 8.40 min Scan# 1066
Delta R.T. 0.01 min
Lab File: VW013068.D
Acq: 17 Sep 2019 04:30

Tgt Ion	Ratio	Lower	Upper
62	100		
98	10.6	0.0	16.8





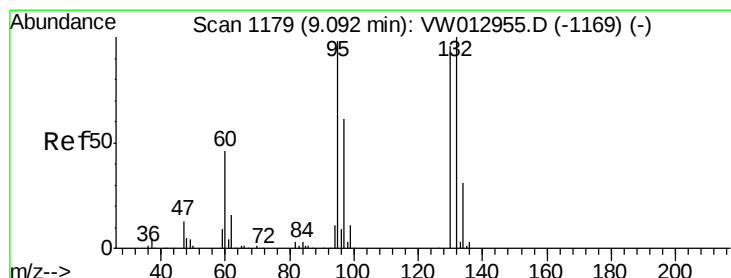
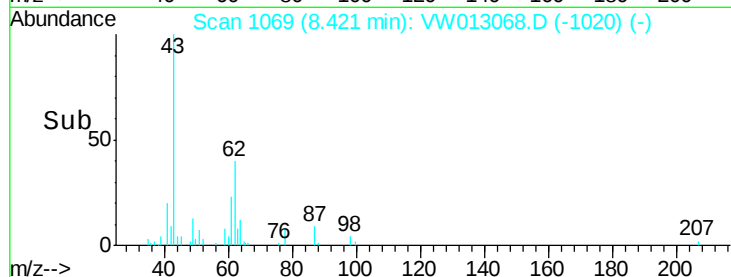
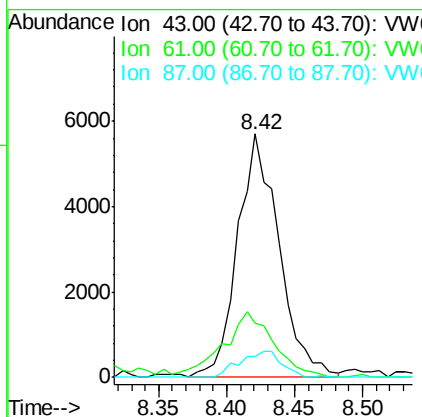
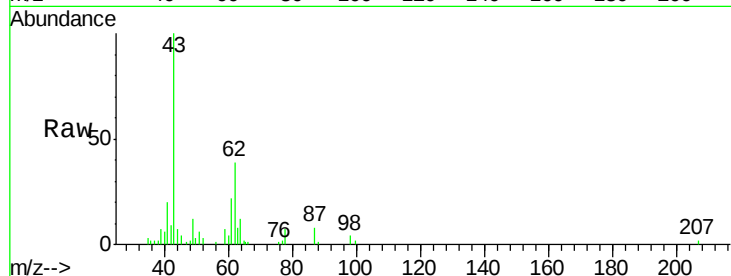
#43
Isopropyl Acetate
Concen: 38.622 ug/l
RT: 8.42 min Scan# 1069
Delta R.T. -0.00 min
Lab File: VW013068.D
Acq: 17 Sep 2019 04:30

Instrument :
MSVOA_W
ClientSampleId :
SB-3C-(9)MS

Tot Ion	Ratio	Lower	Upper
43	100		
61	32.7	22.7	34.1
87	10.9	9.4	14.2

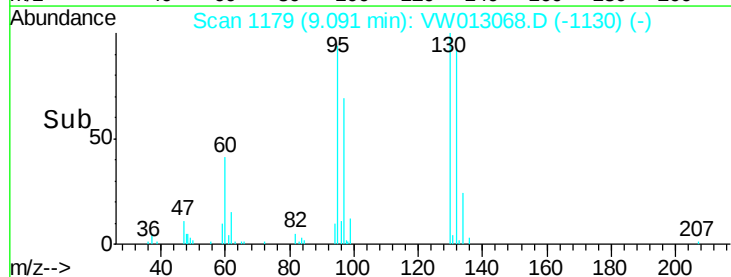
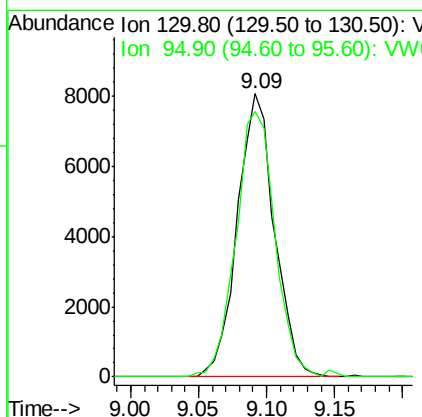
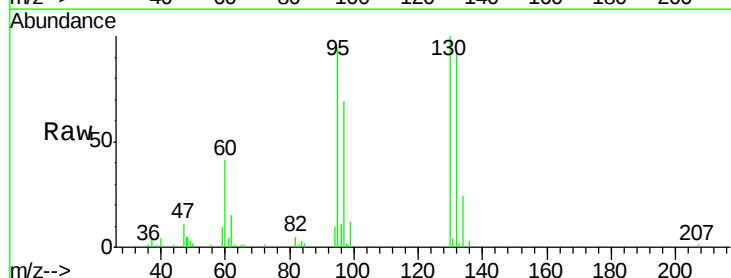
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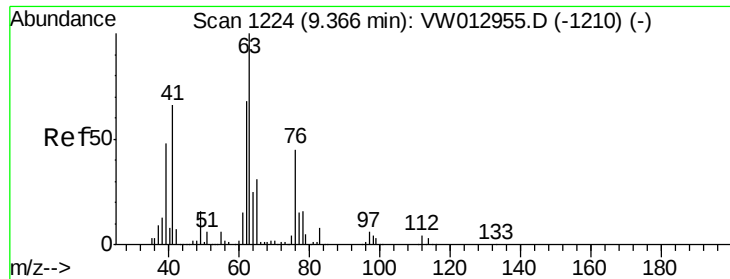
MMDadoda
9/18/2019 2:01:27 PM



#44
Trichloroethene
Concen: 65.161 ug/l
RT: 9.09 min Scan# 1179
Delta R.T. -0.00 min
Lab File: VW013068.D
Acq: 17 Sep 2019 04:30

Tgt Ion	Ratio	Lower	Upper
130	100		
95	93.6	0.0	204.4





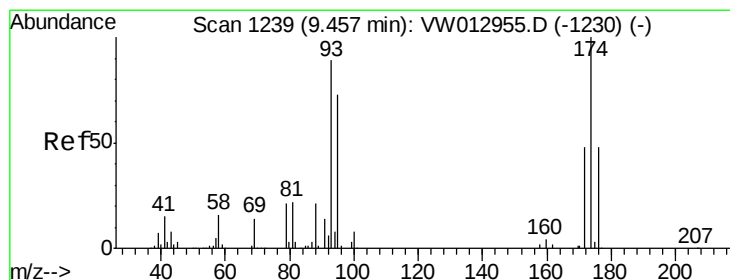
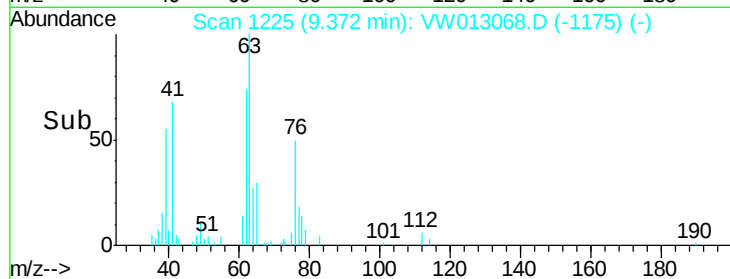
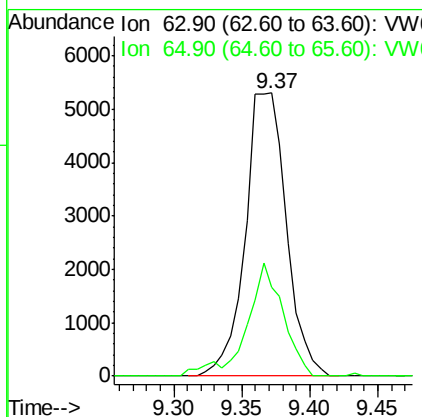
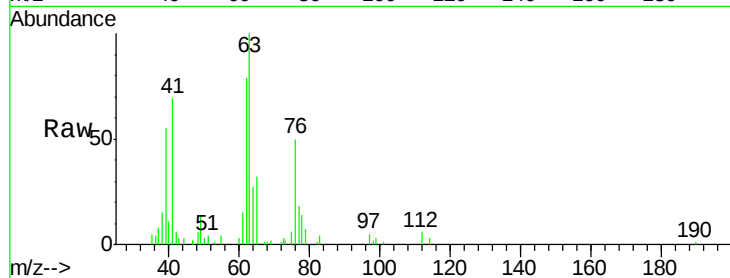
#45
 1,2-Dichloropropane
 Concen: 49.063 ug/l
 RT: 9.37 min Scan# 1225
 Delta R.T. 0.01 min
 Lab File: VW013068.D
 Acq: 17 Sep 2019 04:30

Instrument :
 MSVOA_W
 ClientSampleId :
 SB-3C-(9)MS

Tot Ion: 63 Resp: 11245
 Ion Ratio Lower Upper
 63 100
 65 31.6 24.6 37.0

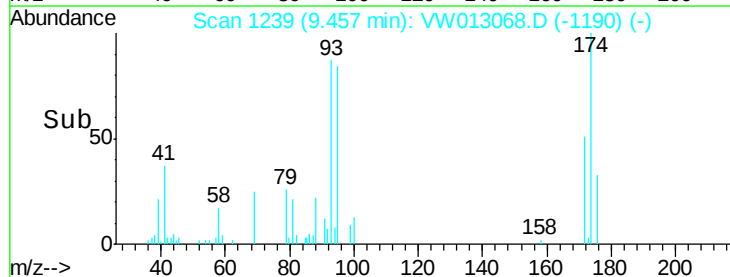
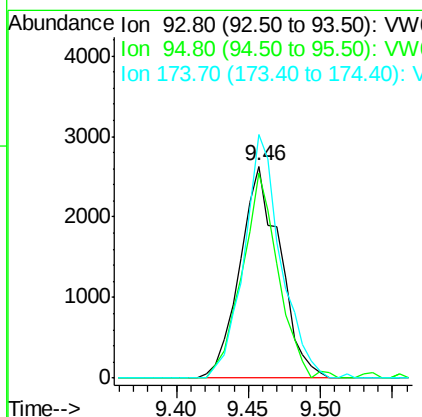
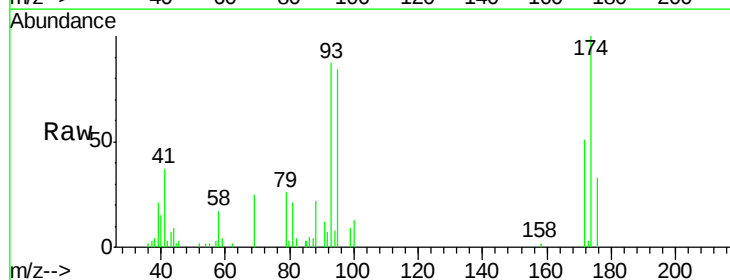
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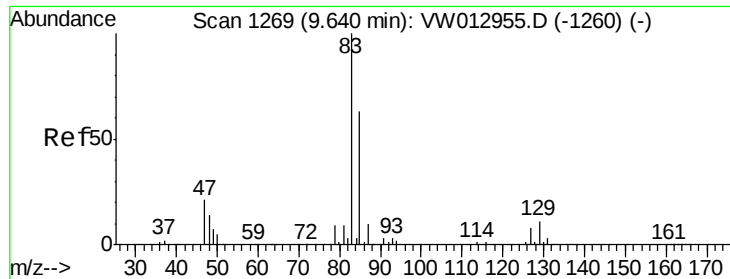
MMDadoda
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#46
 Dibromomethane
 Concen: 46.345 ug/l
 RT: 9.46 min Scan# 1239
 Delta R.T. -0.00 min
 Lab File: VW013068.D
 Acq: 17 Sep 2019 04:30

Tgt Ion: 93 Resp: 5089
 Ion Ratio Lower Upper
 93 100
 95 86.8 67.0 100.4
 174 105.0 90.5 135.7





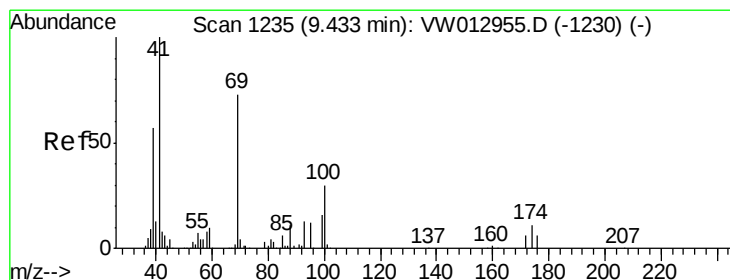
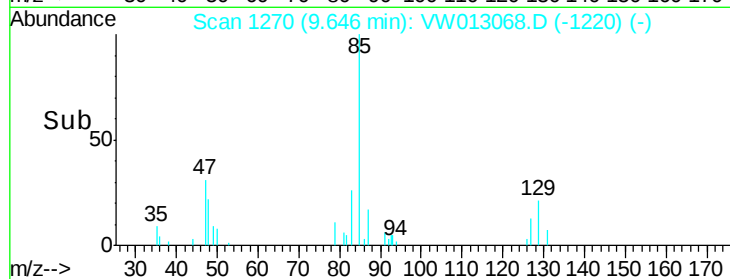
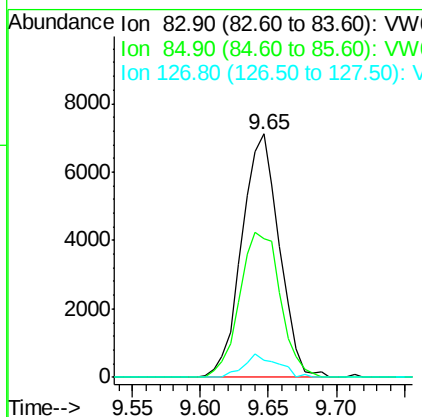
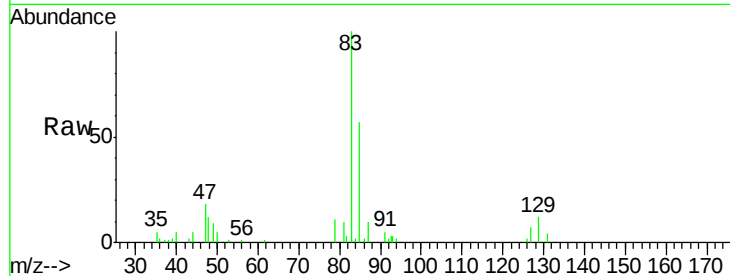
#47
Bromodichloromethane
Concen: 44.482 ug/l
RT: 9.65 min Scan# 1270
Delta R.T. 0.01 min
Lab File: VW013068.D
Acq: 17 Sep 2019 04:30

Instrument :
MSVOA_W
ClientSampleId :
SB-3C-(9)MS

Tot Ion	83	Resp	13701
Ion Ratio	100	Lower	Upper
83	100		
85	56.8	50.6	75.8
127	7.2	6.7	10.1

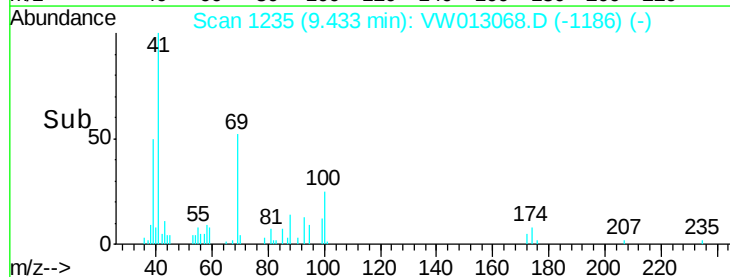
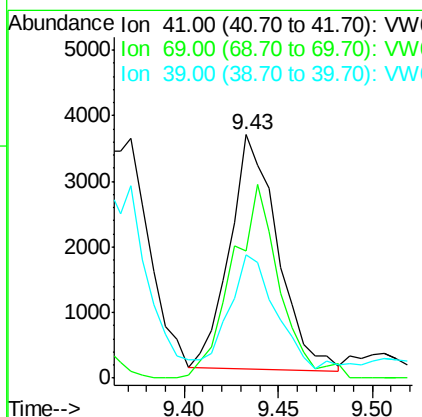
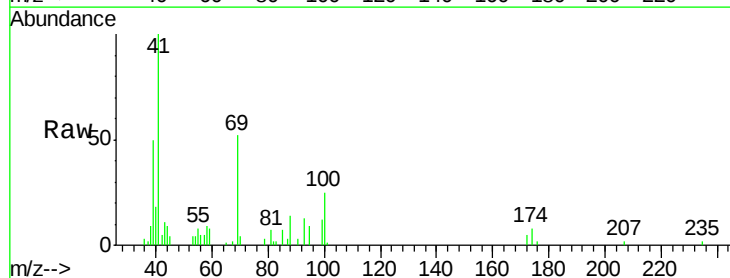
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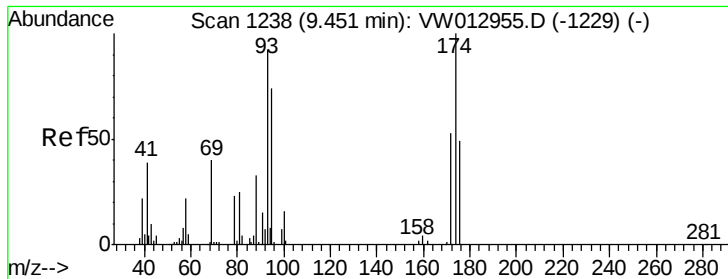
MMDadoda
9/18/2019 2:01:27 PM



#48
Methyl methacrylate
Concen: 42.517 ug/l
RT: 9.43 min Scan# 1235
Delta R.T. -0.00 min
Lab File: VW013068.D
Acq: 17 Sep 2019 04:30

Tgt Ion	41	Resp	6284
Ion Ratio	100	Lower	Upper
41	100		
69	81.9	62.8	94.2
39	53.9	48.5	72.7





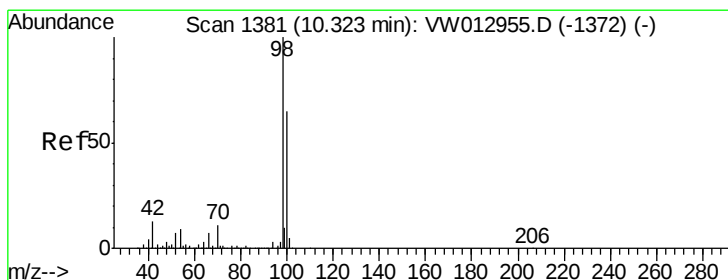
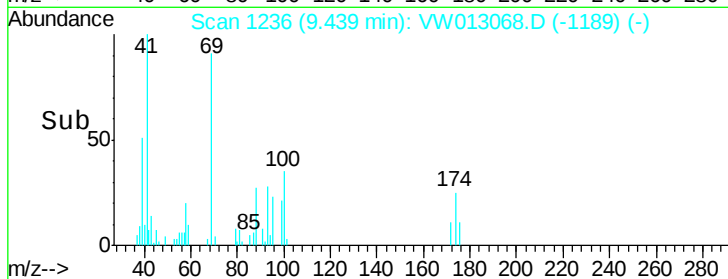
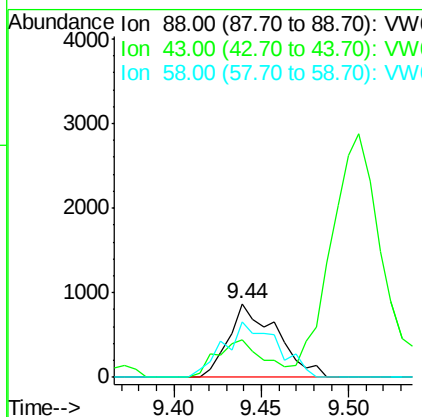
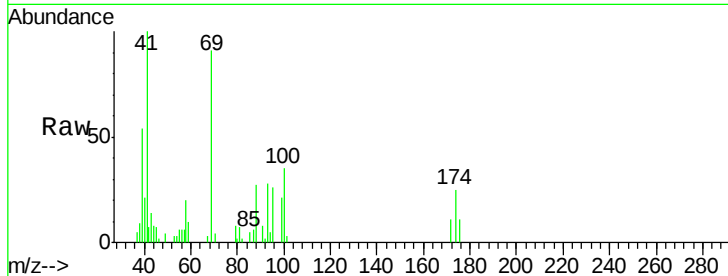
#49
1,4-Dioxane
Concen: 910.340 ug/l
RT: 9.44 min Scan# 1236
Delta R.T. -0.01 min
Lab File: VW013068.D
Acq: 17 Sep 2019 04:30

Instrument :
MSVOA_W
ClientSampleId :
SB-3C-(9)MS

Tot Ion	Ratio	Lower	Upper
88	100		
43	49.0	31.3	46.9#
58	83.0	60.2	90.2

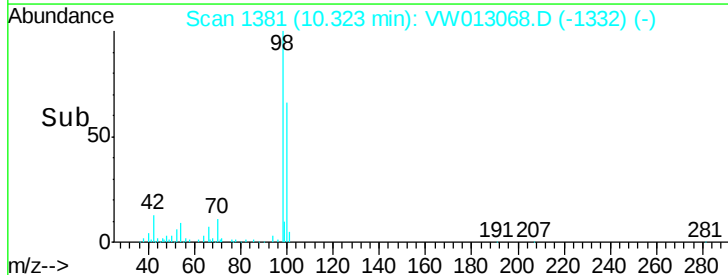
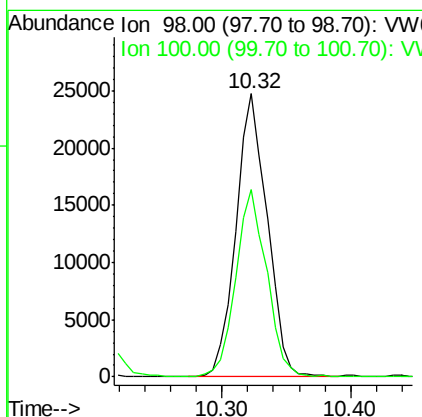
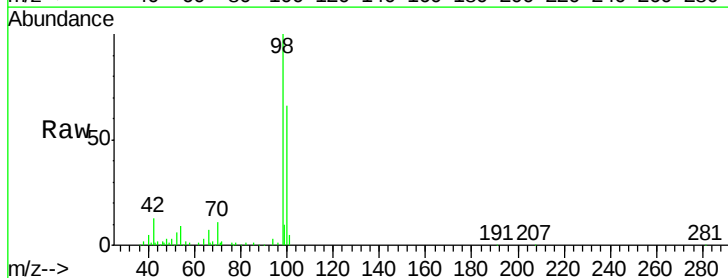
Manual Integrations
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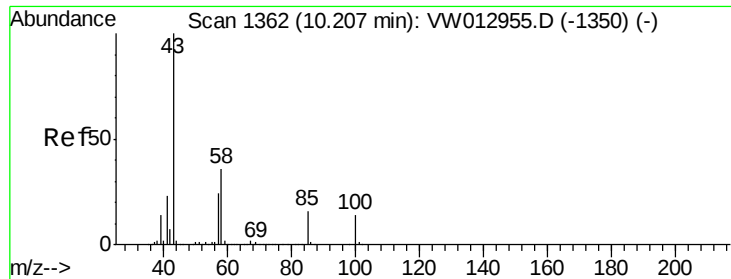
MMDadoda
9/18/2019 2:01:27 PM



#50
Toluene-d8
Concen: 50.755 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW013068.D
Acq: 17 Sep 2019 04:30

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.4	52.1	78.1





#51

4-Methyl-2-Pentanone

Concen: 208.211 ug/l

RT: 10.21 min Scan# 1362

Delta R.T. -0.00 min

Lab File: VW013068.D

Acq: 17 Sep 2019 04:30

Instrument :

MSVOA_W

ClientSampleId :

SB-3C-(9)MS

Tot Ion: 43 Resp: 33853

Ion Ratio Lower Upper

43 100

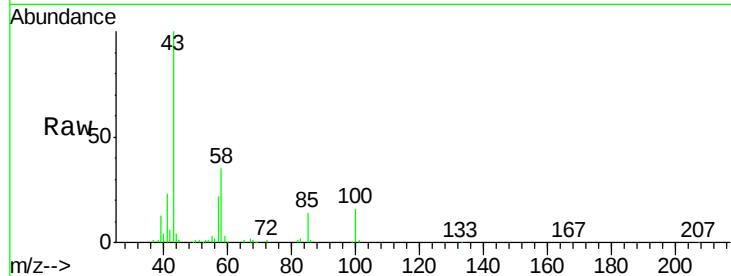
58 35.6 29.5 44.3

Manual Integrations

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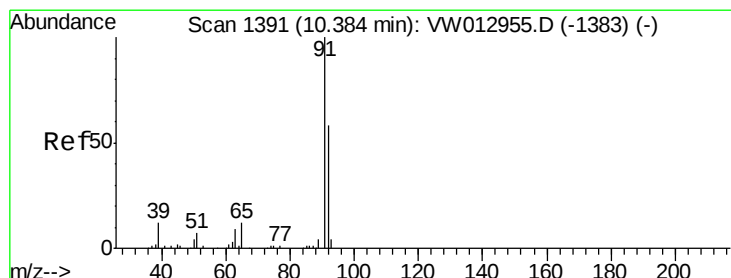
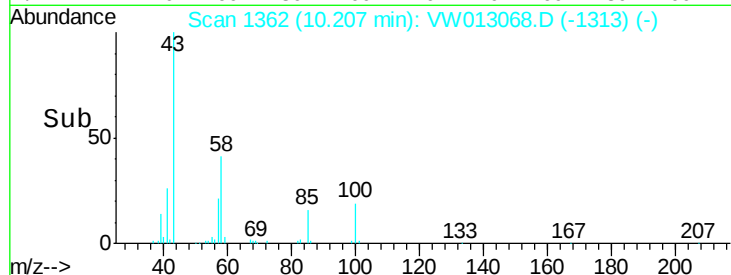
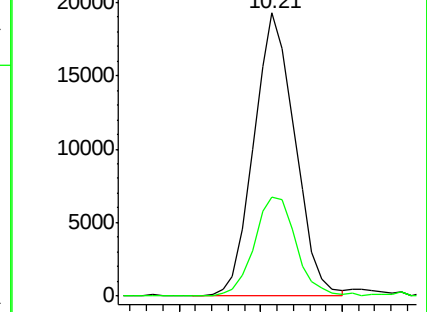
MMDadoda

9/18/2019 2:01:27 PM



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#52

Toluene

Concen: 46.613 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. 0.01 min

Lab File: VW013068.D

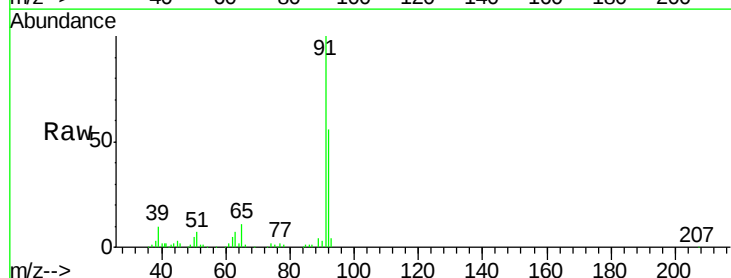
Acq: 17 Sep 2019 04:30

Tgt Ion: 92 Resp: 25552

Ion Ratio Lower Upper

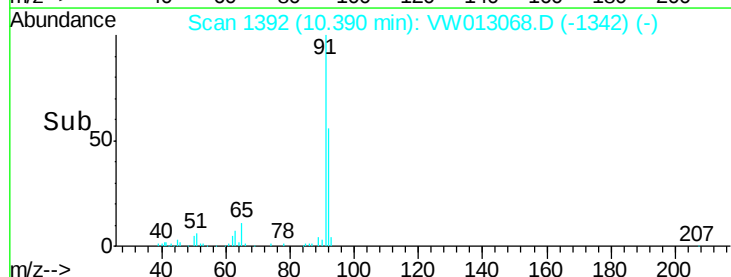
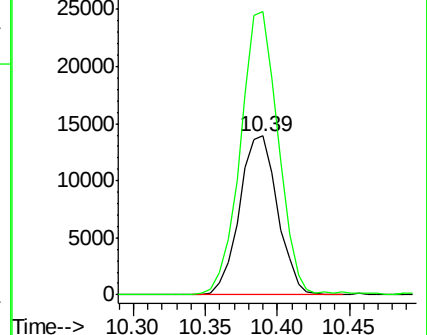
92 100

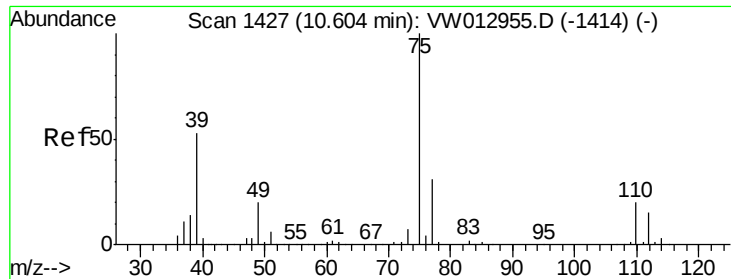
91 177.2 137.5 206.3



Abundance Ion 92.00 (91.70 to 92.70): VW

Ion 91.00 (90.70 to 91.70): VW





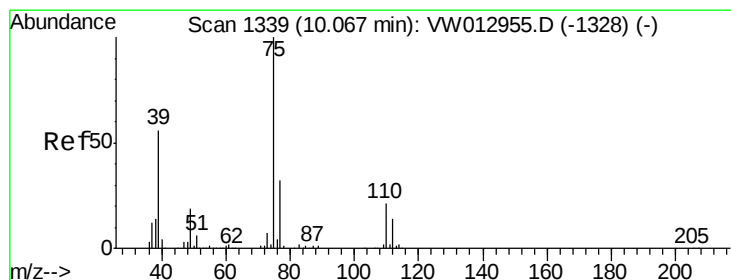
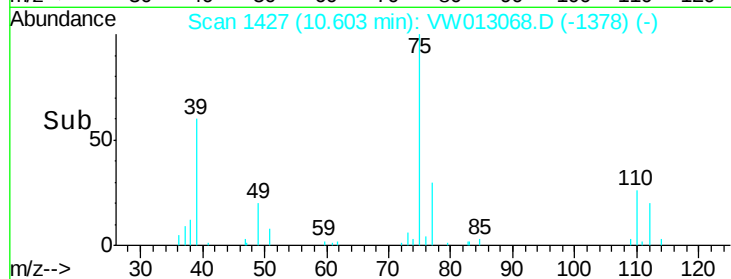
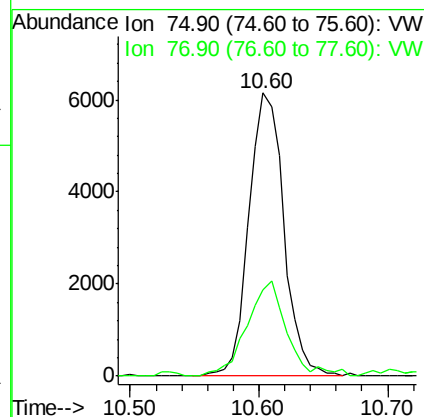
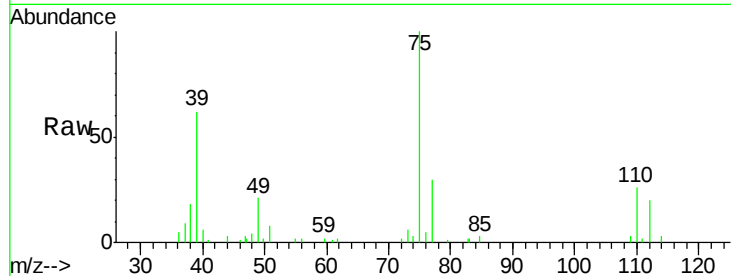
#53
 t-1,3-Dichloropropene
 Concen: 37.153 ug/l
 RT: 10.60 min Scan# 1427
 Delta R.T. -0.00 min
 Lab File: VW013068.D
 Acq: 17 Sep 2019 04:30

Instrument :
 MSVOA_W
 ClientSampleId :
 SB-3C-(9)MS

Tot Ion	Ratio	Lower	Upper
75	100		
77	30.4	24.6	37.0

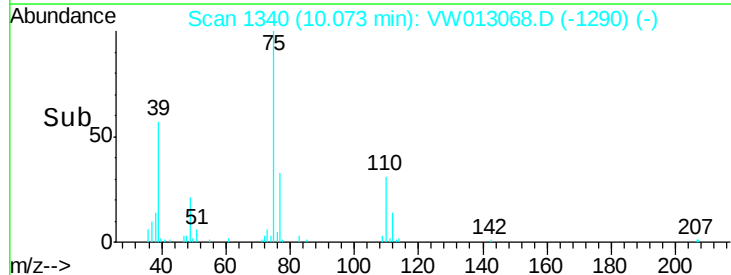
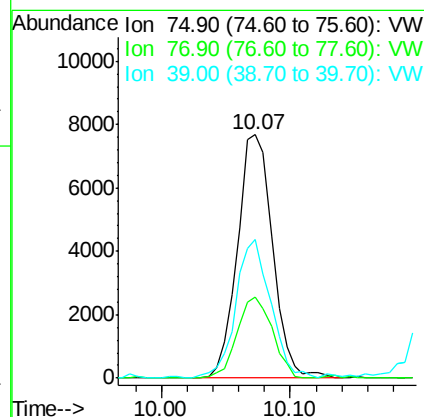
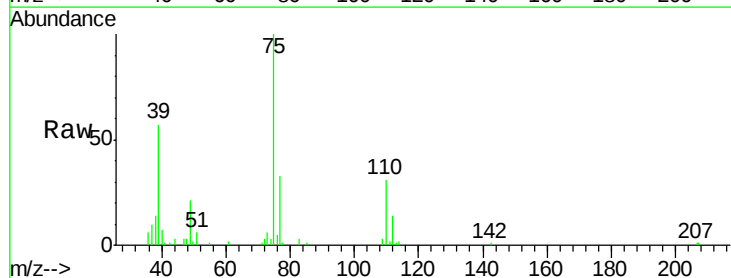
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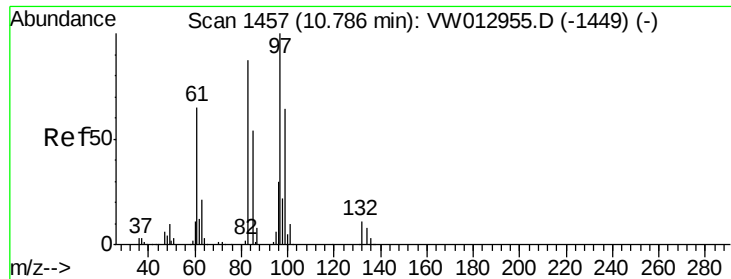
MMDadoda
 9/18/2019 2:01:27 PM



#54
 cis-1,3-Dichloropropene
 Concen: 41.144 ug/l
 RT: 10.07 min Scan# 1340
 Delta R.T. 0.01 min
 Lab File: VW013068.D
 Acq: 17 Sep 2019 04:30

Tgt Ion	Ratio	Lower	Upper
75	100		
77	33.4	25.5	38.3
39	56.8	45.0	67.6





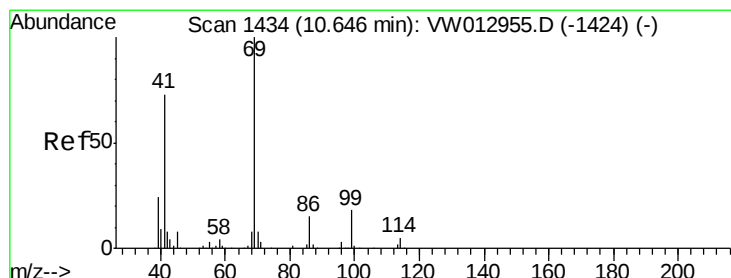
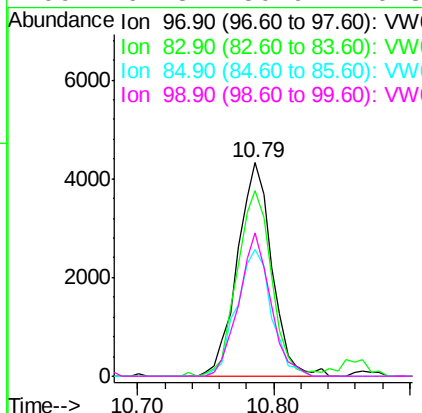
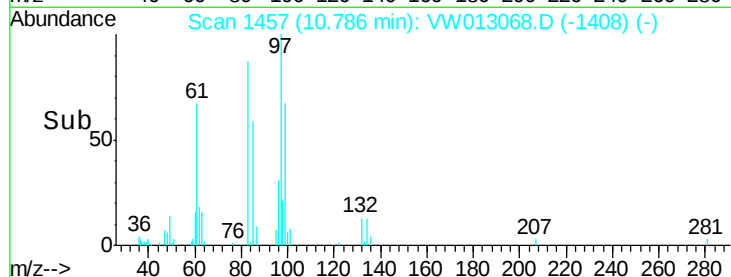
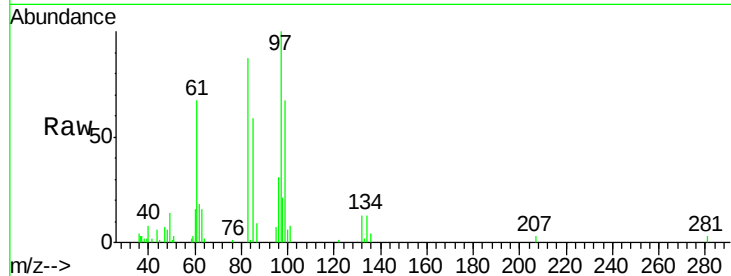
#55
 1,1,2-Trichloroethane
 Concen: 45.941 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. -0.00 min
 Lab File: VW013068.D
 Acq: 17 Sep 2019 04:30

Instrument :
 MSVOA_W
 ClientSampleId :
 SB-3C-(9)MS

Tot Ion:	97	Resp:	7685
Ion	Ratio	Lower	Upper
97	100		
83	85.0	69.4	104.0
85	59.3	43.3	64.9
99	67.3	50.9	76.3

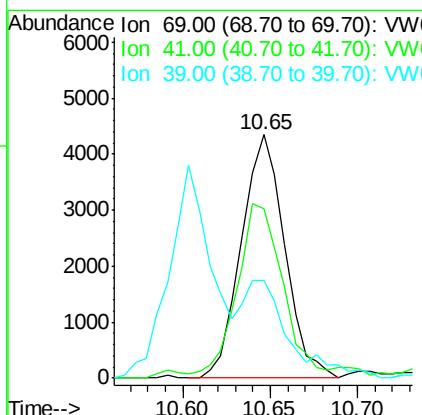
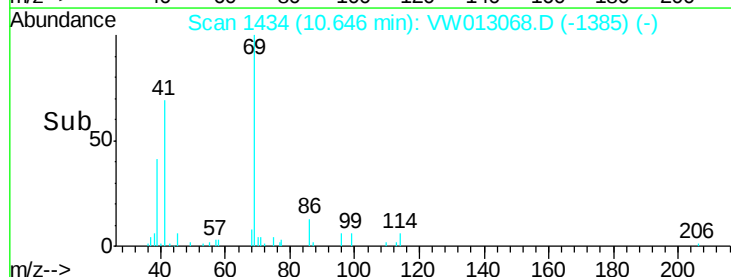
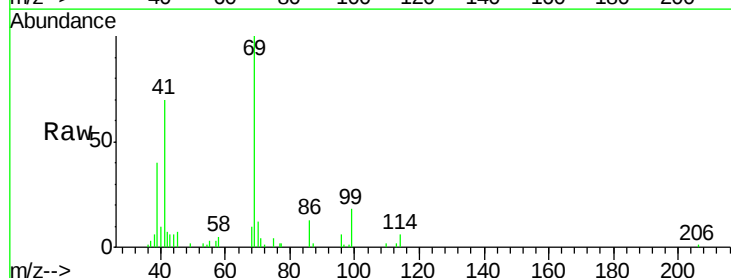
Manual Integrations
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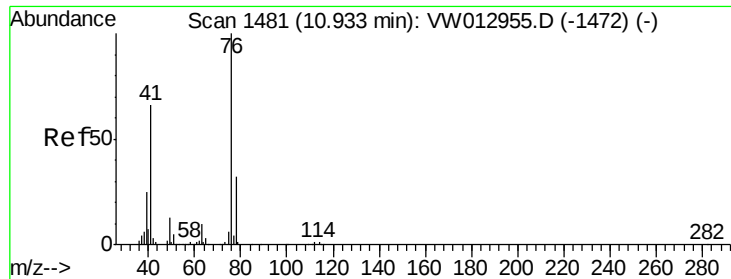
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#56
 Ethyl methacrylate
 Concen: 33.273 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. -0.00 min
 Lab File: VW013068.D
 Acq: 17 Sep 2019 04:30

Tgt Ion:	69	Resp:	7492
Ion	Ratio	Lower	Upper
69	100		
41	71.2	60.8	91.2
39	44.1	29.4	44.0#





#57

1,3-Dichloropropane

Concen: 45.629 ug/l

RT: 10.93 min Scan# 1480

Delta R.T. -0.01 min

Lab File: VW013068.D

Acq: 17 Sep 2019 04:30

Instrument :

MSVOA_W

ClientSampleId :

SB-3C-(9)MS

Tot Ion: 76 Resp: 13540

Ion Ratio Lower Upper

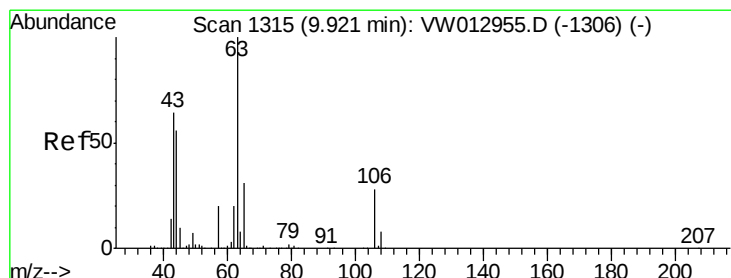
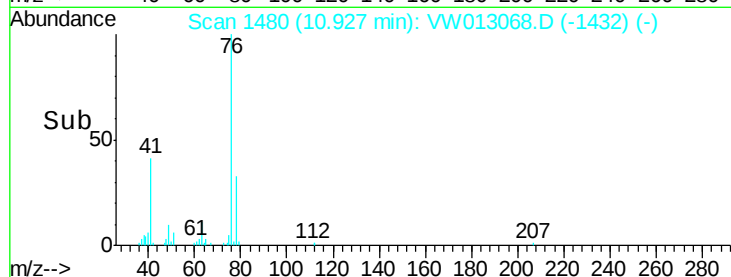
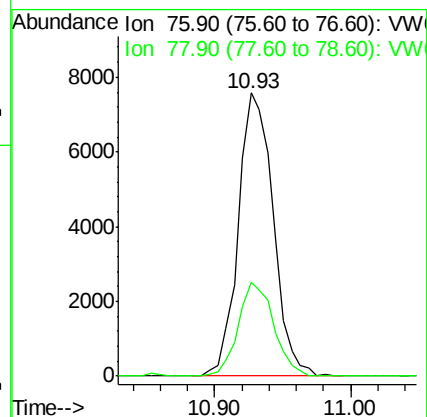
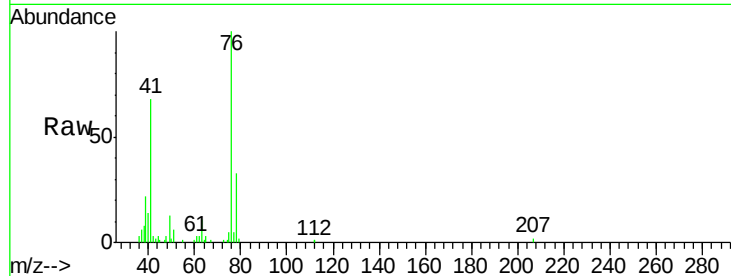
76 100

78 33.7 25.6 38.4

Manual Integrations
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MMDadoda

9/18/2019 2:01:27 PM



#58

2-Chloroethyl Vinyl ether

Concen: 143.751 ug/l

RT: 9.93 min Scan# 1316

Delta R.T. 0.01 min

Lab File: VW013068.D

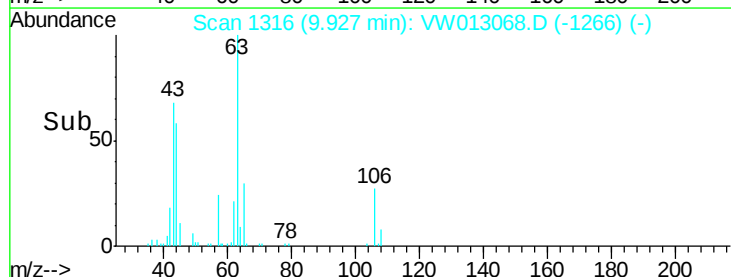
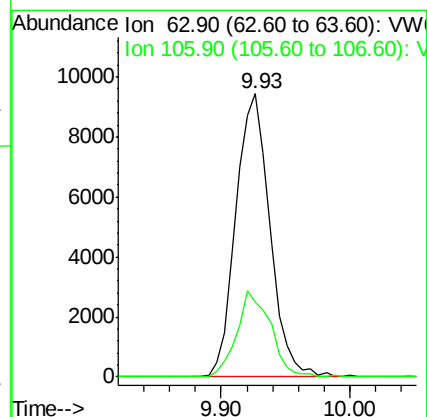
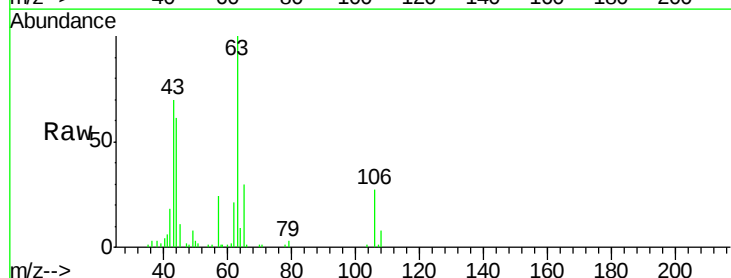
Acq: 17 Sep 2019 04:30

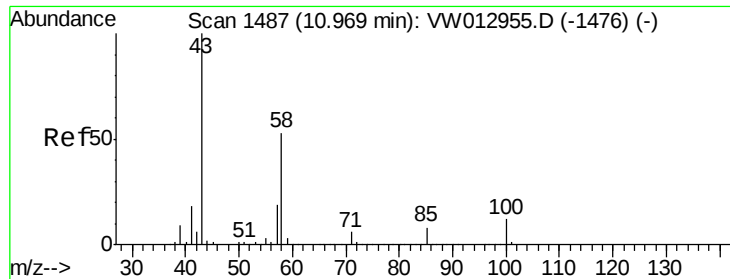
Tgt Ion: 63 Resp: 17363

Ion Ratio Lower Upper

63 100

106 29.9 22.2 33.2





#59

2-Hexanone

Concen: 198.237 ug/l

RT: 10.97 min Scan# 1487

Delta R.T. -0.00 min

Lab File: VW013068.D

Acq: 17 Sep 2019 04:30

Instrument :

MSVOA_W

ClientSampleId :

SB-3C-(9)MS

Tot Ion: 43 Resp: 22443

Ion Ratio Lower Upper

43 100

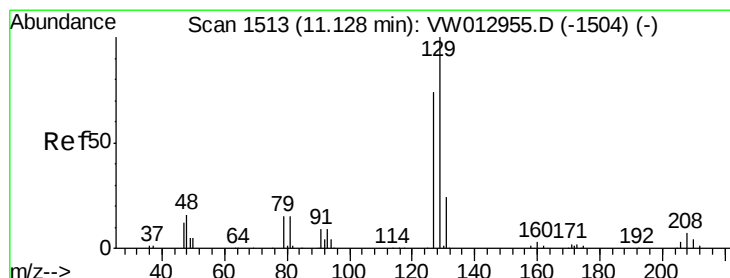
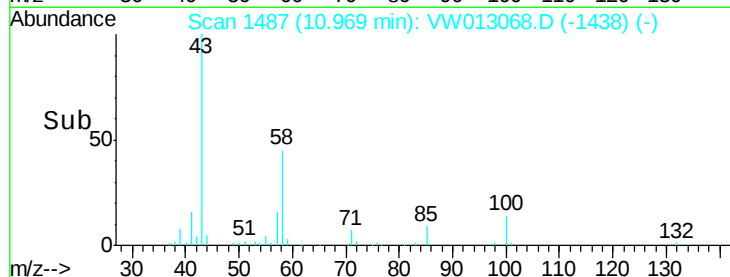
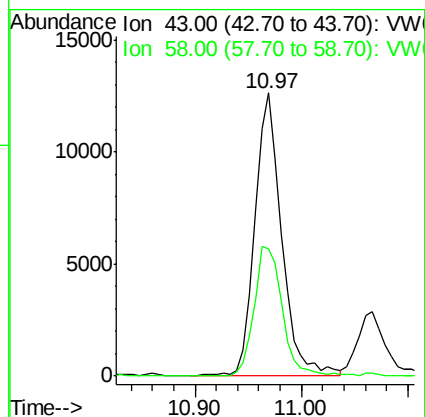
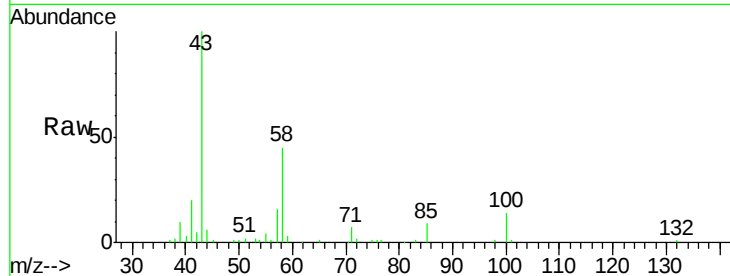
58 47.6 25.8 77.3

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#60

Dibromochloromethane

Concen: 41.663 ug/l

RT: 11.13 min Scan# 1513

Delta R.T. -0.00 min

Lab File: VW013068.D

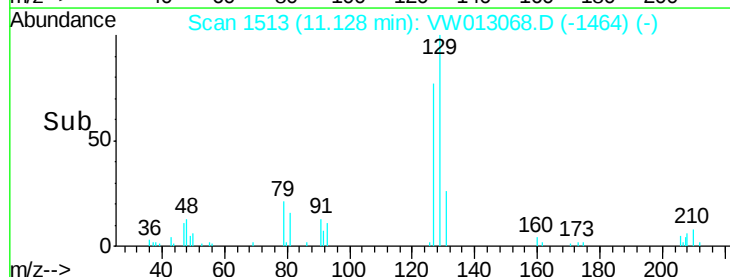
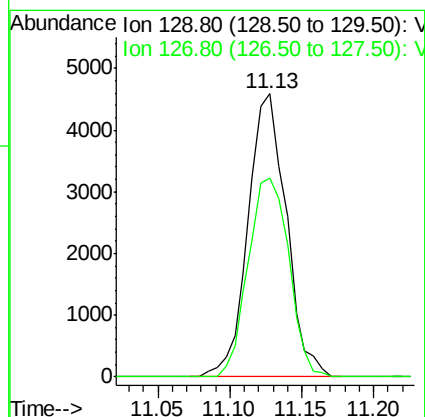
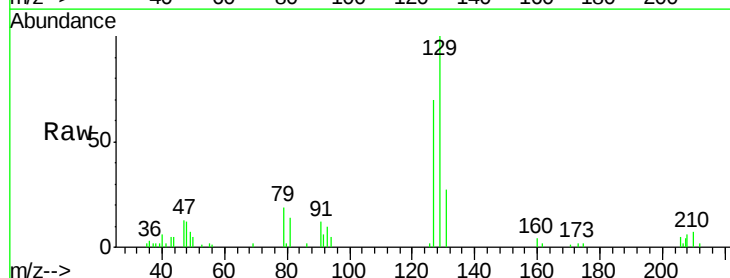
Acq: 17 Sep 2019 04:30

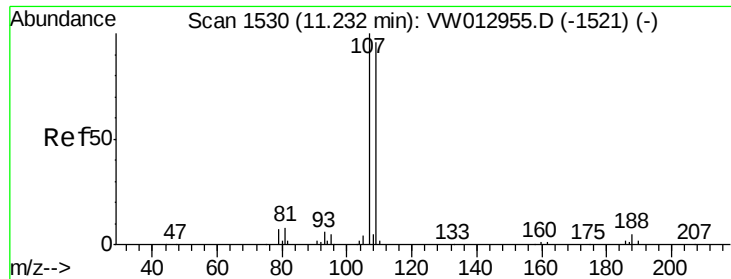
Tgt Ion: 129 Resp: 8426

Ion Ratio Lower Upper

129 100

127 74.8 37.4 112.2





#61

1,2-Dibromoethane

Concen: 44.489 ug/l

RT: 11.23 min Scan# 1530

Delta R.T. -0.00 min

Lab File: VW013068.D

Acq: 17 Sep 2019 04:30

Instrument :

MSVOA_W

ClientSampleId :

SB-3C-(9)MS

Tot Ion: 107 Resp: 6789

Ion Ratio Lower Upper

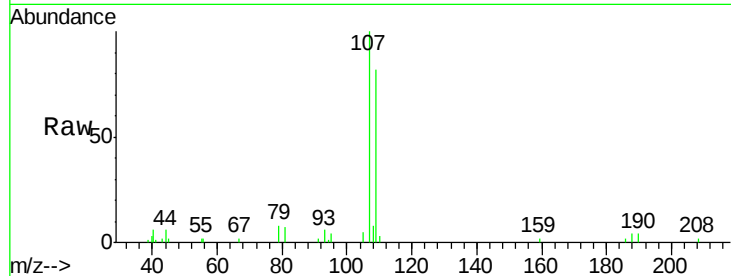
107 100

109 95.1 75.0 112.6

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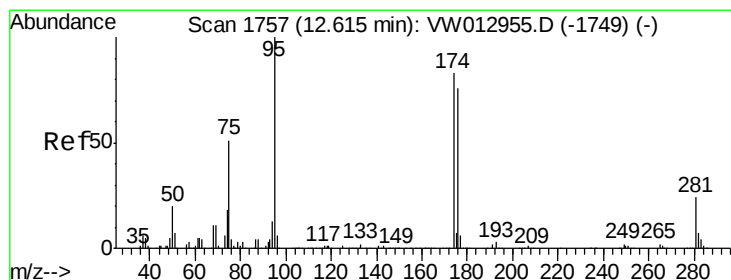
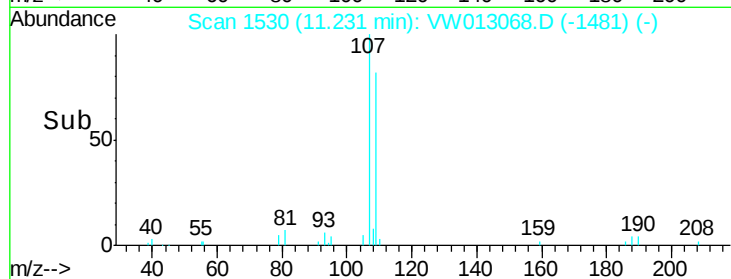
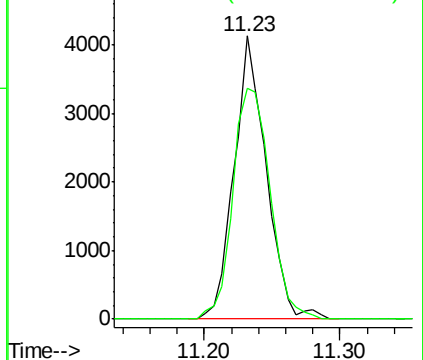
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Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 45.040 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.00 min

Lab File: VW013068.D

Acq: 17 Sep 2019 04:30

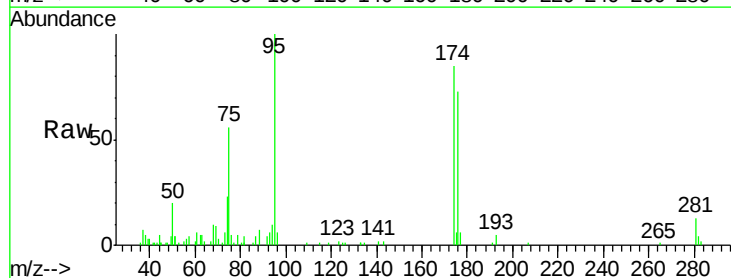
Tgt Ion: 95 Resp: 13298

Ion Ratio Lower Upper

95 100

174 80.2 0.0 170.4

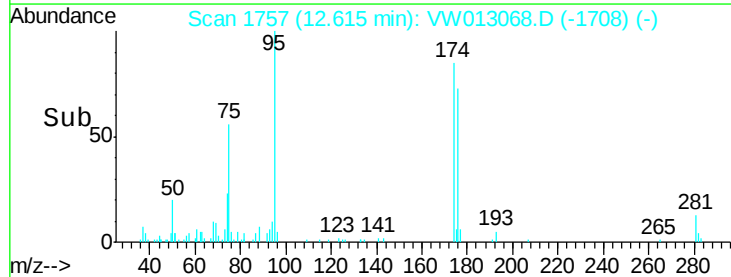
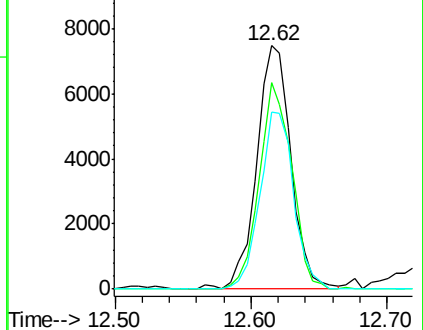
176 71.3 0.0 164.6

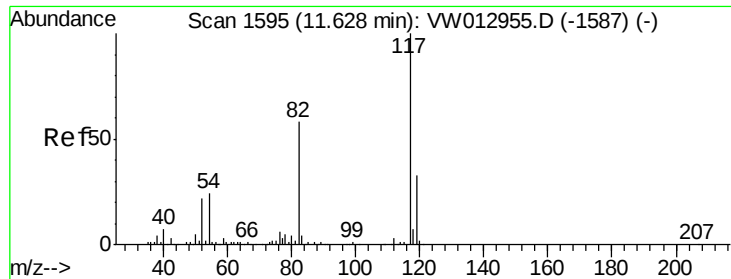


Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





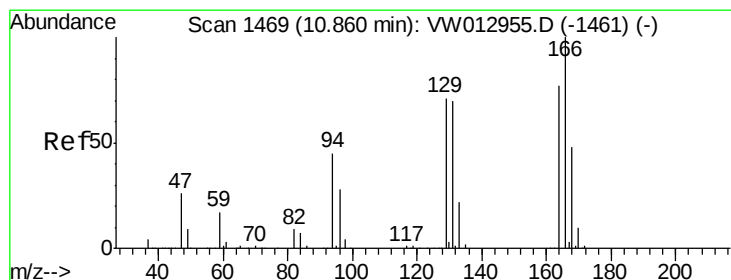
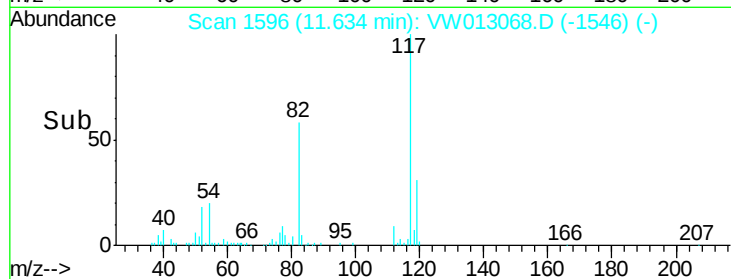
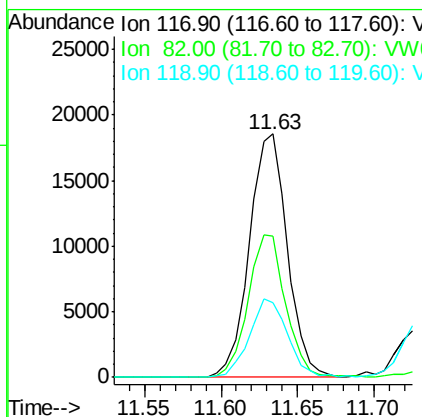
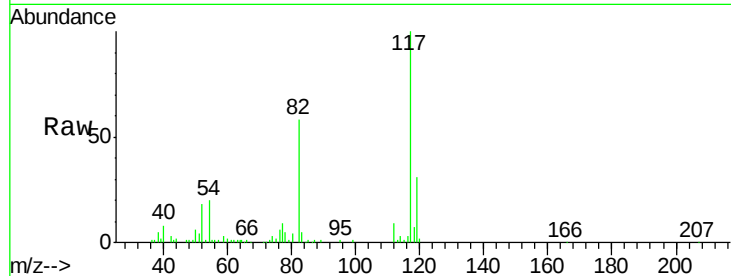
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.01 min
Lab File: VW013068.D
Acq: 17 Sep 2019 04:30

Instrument :
MSVOA_W
ClientSampleId :
SB-3C-(9)MS

Tot Ion	Ratio	Lower	Upper
117	100		
82	57.8	46.3	69.5
119	30.9	26.2	39.4

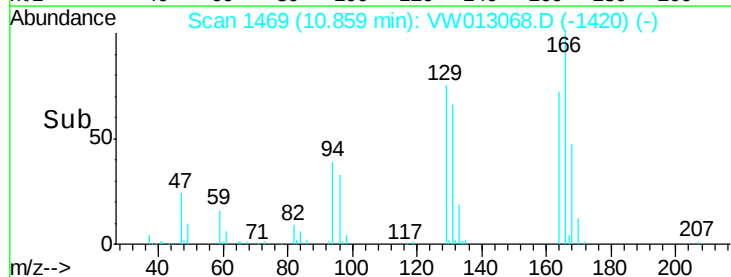
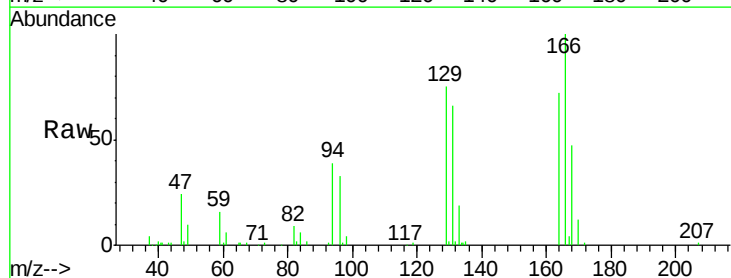
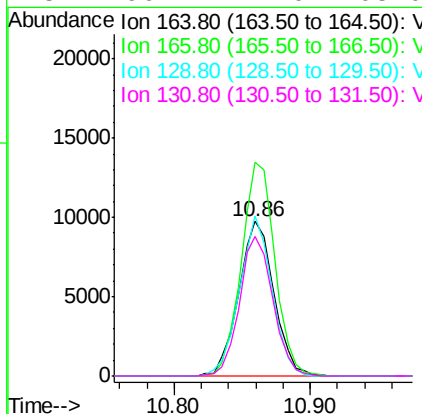
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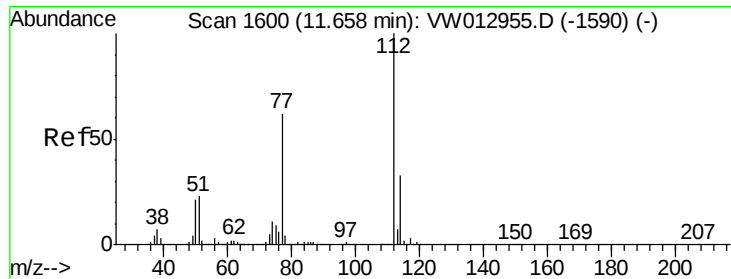
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#64
Tetrachloroethene
Concen: 91.967 ug/l
RT: 10.86 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VW013068.D
Acq: 17 Sep 2019 04:30

Tgt Ion	Ratio	Lower	Upper
164	100		
166	138.0	103.3	154.9
129	103.8	73.8	110.8
131	90.4	72.0	108.0





#65

Chlorobenzene

Concen: 46.512 ug/l

RT: 11.66 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VW013068.D

Acq: 17 Sep 2019 04:30

Instrument :

MSVOA_W

ClientSampleId :

SB-3C-(9)MS

Tot Ion:112 Resp: 26500

Ion Ratio Lower Upper

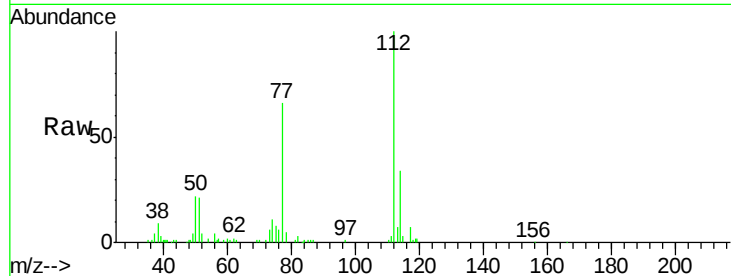
112 100

114 34.1 26.4 39.6

Manual Integrations
APPROVED

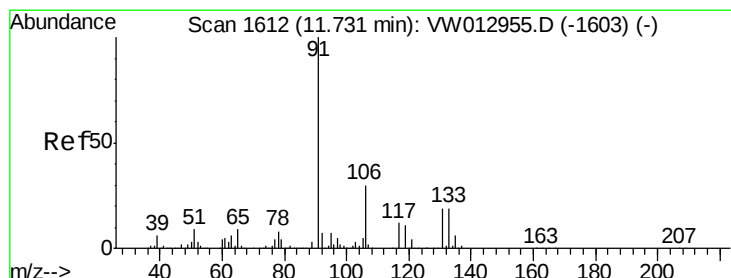
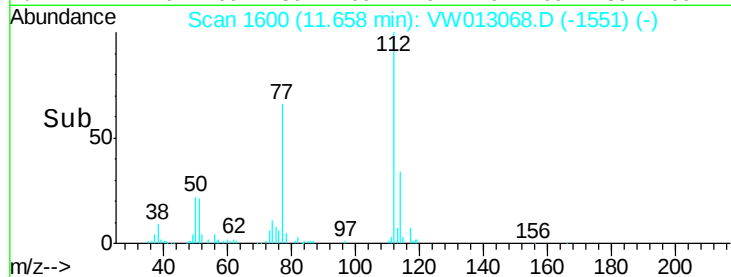
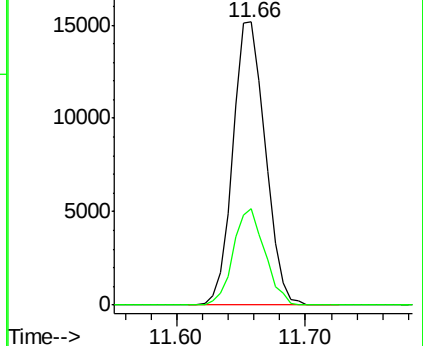
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Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 46.547 ug/l

RT: 11.73 min Scan# 1612

Delta R.T. -0.00 min

Lab File: VW013068.D

Acq: 17 Sep 2019 04:30

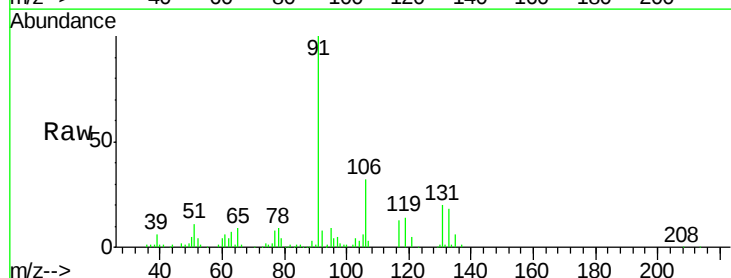
Tgt Ion:131 Resp: 10163

Ion Ratio Lower Upper

131 100

133 93.2 47.9 143.8

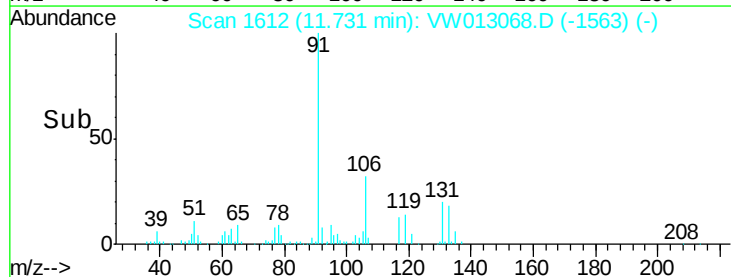
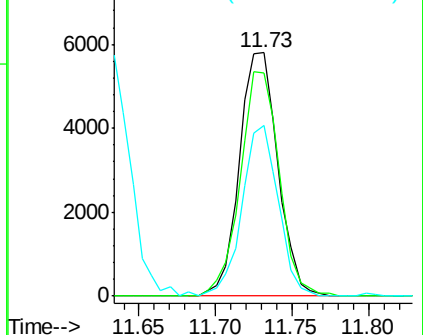
119 65.6 30.9 92.7

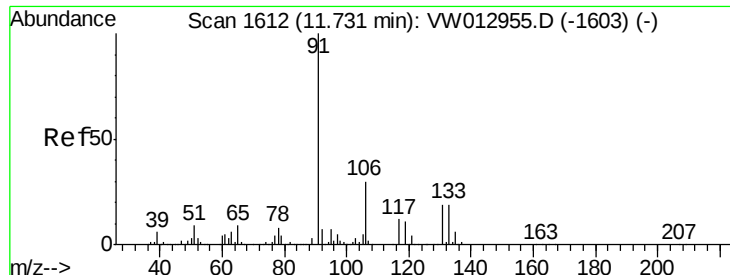


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





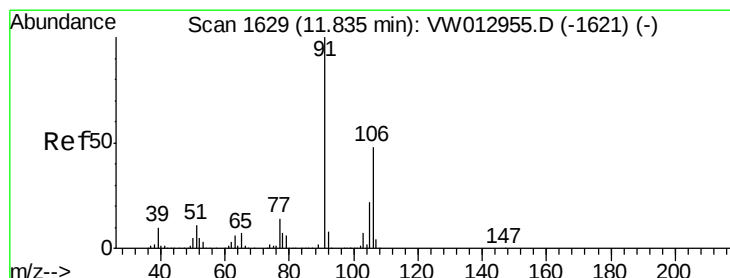
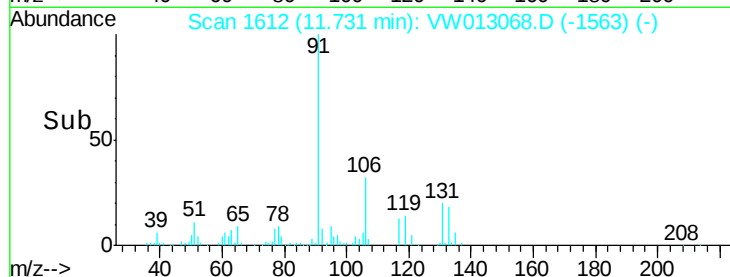
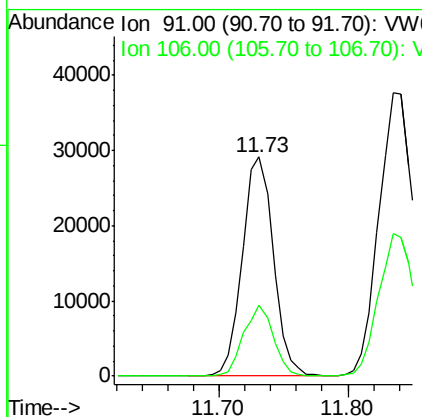
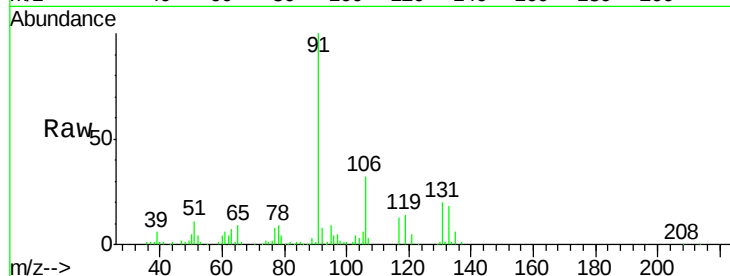
#67
Ethyl Benzene
Concen: 46.270 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW013068.D
Acq: 17 Sep 2019 04:30

Instrument :
MSVOA_W
ClientSampleId :
SB-3C-(9)MS

Tot Ion	91	Resp	48688
Ion Ratio	Lower	Upper	
91	100		
106	32.3	24.3	36.5

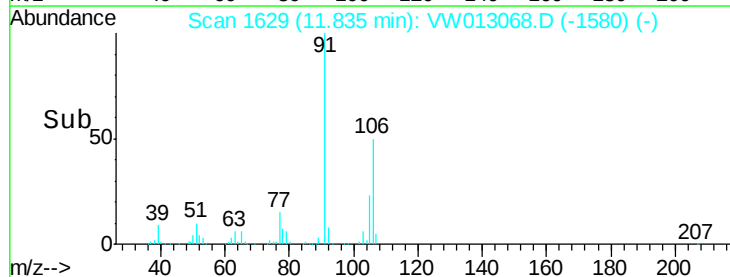
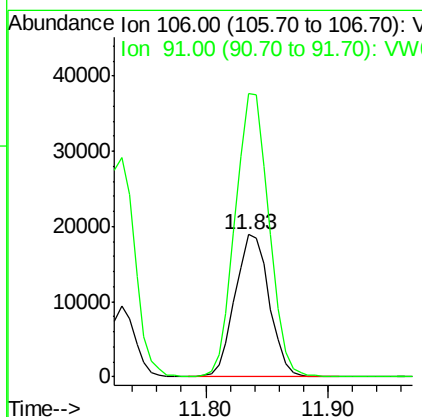
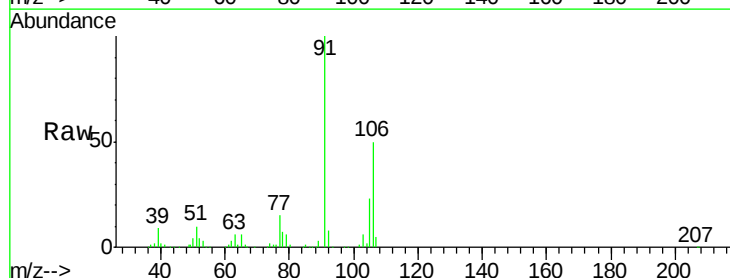
Manual Integrations
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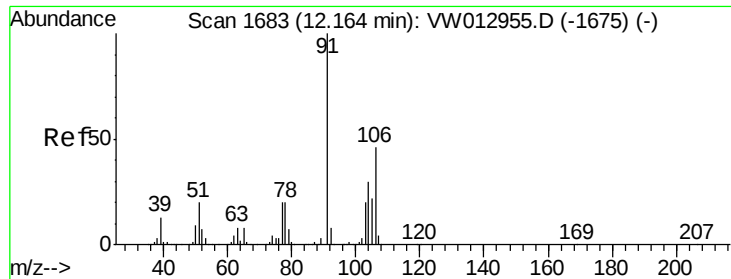
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#68
m/p-Xylenes
Concen: 95.505 ug/l
RT: 11.83 min Scan# 1629
Delta R.T. -0.00 min
Lab File: VW013068.D
Acq: 17 Sep 2019 04:30

Tgt Ion	106	Resp	36712
Ion Ratio	Lower	Upper	
106	100		
91	197.0	165.8	248.8





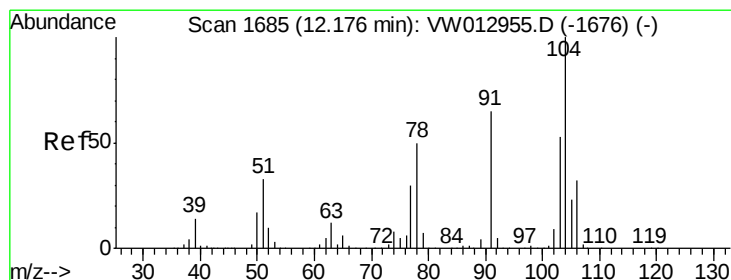
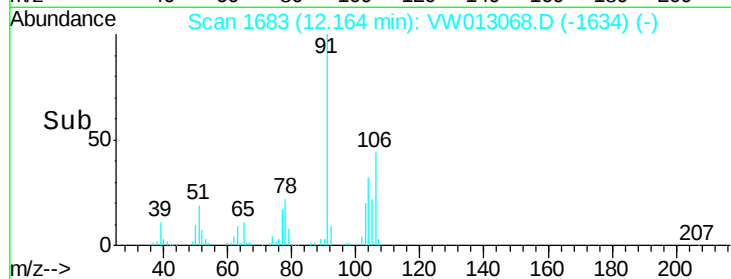
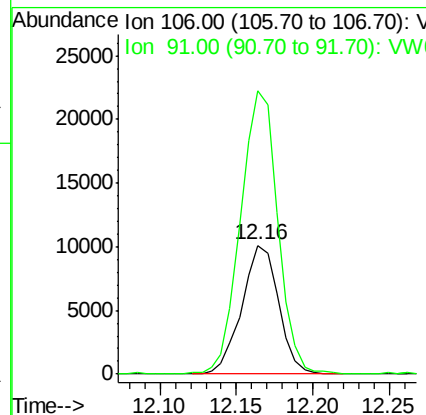
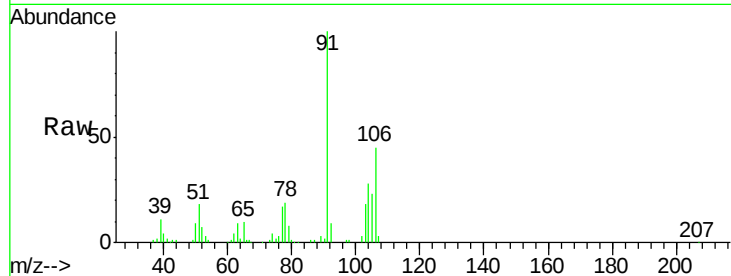
#69
o-Xylene
Concen: 46.809 ug/l
RT: 12.16 min Scan# 1683
Delta R.T. -0.00 min
Lab File: VW013068.D
Acq: 17 Sep 2019 04:30

Instrument :
MSVOA_W
ClientSampleId :
SB-3C-(9)MS

Tot Ion:106 Resp: 16869
Ion Ratio Lower Upper
106 100
91 223.2 109.7 329.0

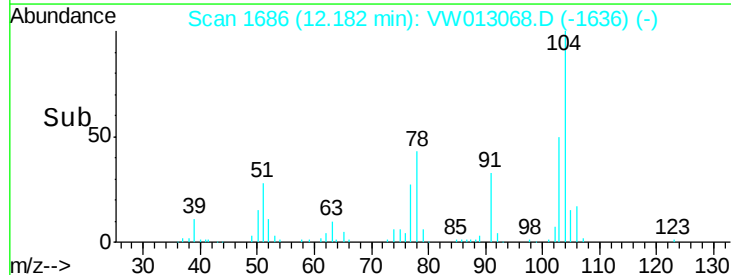
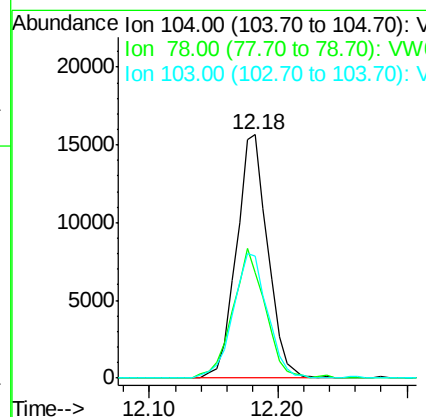
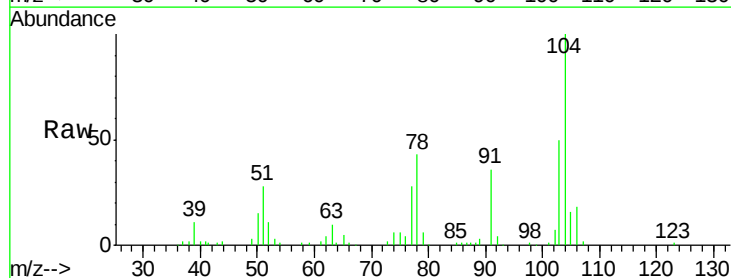
Manual Integrations
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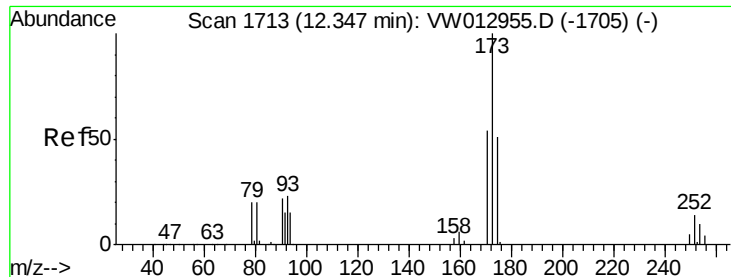
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#70
Styrene
Concen: 41.215 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. 0.01 min
Lab File: VW013068.D
Acq: 17 Sep 2019 04:30

Tgt Ion:104 Resp: 26422
Ion Ratio Lower Upper
104 100
78 54.8 42.1 63.1
103 56.0 44.2 66.4





#71

Bromoform

Concen: 38.915 ug/l

RT: 12.35 min Scan# 1714

Delta R.T. 0.01 min

Lab File: VW013068.D

Acq: 17 Sep 2019 04:30

Instrument :

MSVOA_W

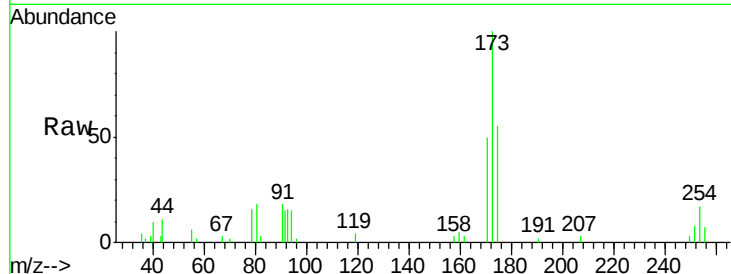
ClientSampleId :

SB-3C-(9)MS

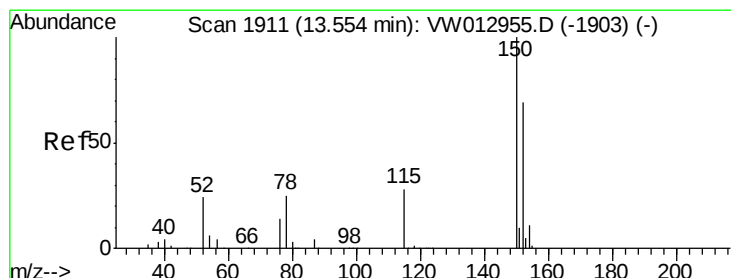
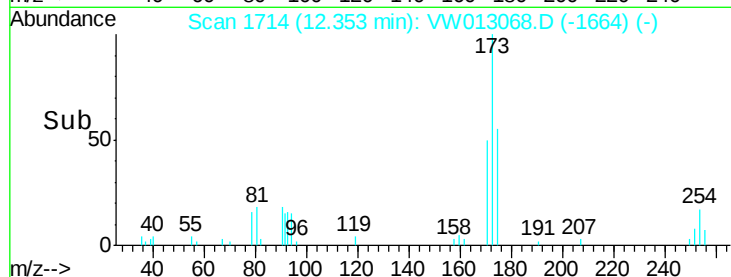
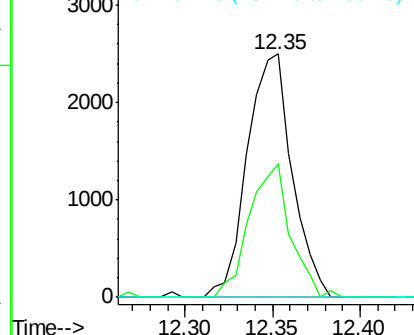
Tot Ion	Ratio	Lower	Upper
173	100		
175	50.6	24.2	72.6
254	0.0	0.1	0.1#

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Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

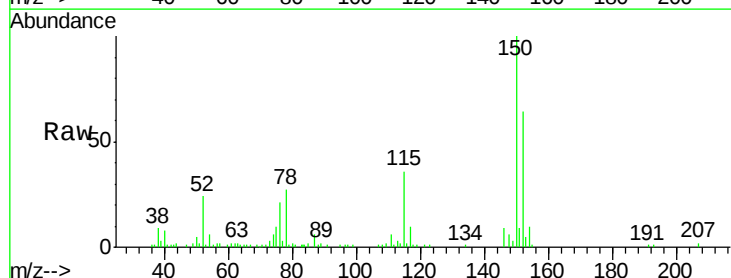
RT: 13.55 min Scan# 1911

Delta R.T. -0.00 min

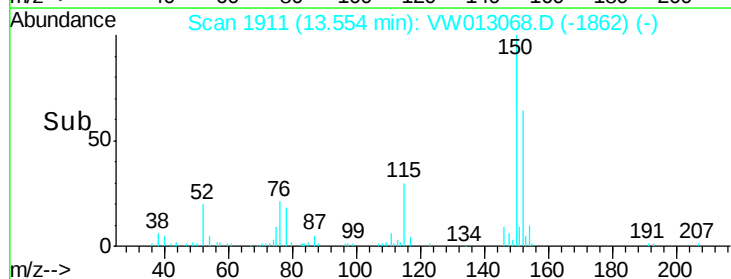
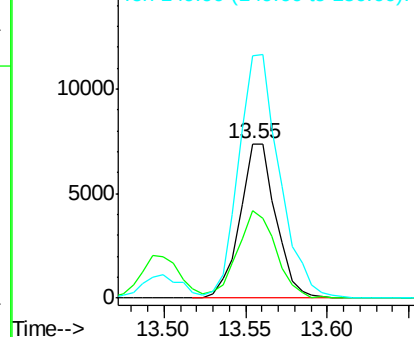
Lab File: VW013068.D

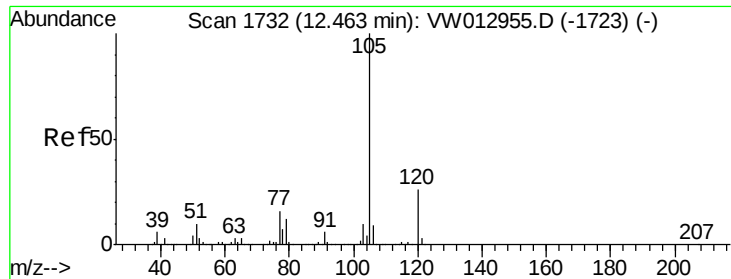
Acq: 17 Sep 2019 04:30

Tgt Ion	Ratio	Lower	Upper
152	100		
115	60.6	28.8	86.4
150	179.5	0.0	340.2



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 68.611 ug/l

RT: 12.46 min Scan# 1732

Delta R.T. -0.00 min

Lab File: VW013068.D

Acq: 17 Sep 2019 04:30

Instrument :

MSVOA_W

ClientSampleId :

SB-3C-(9)MS

Tot Ion:105 Resp: 51321

Ion Ratio Lower Upper

105 100

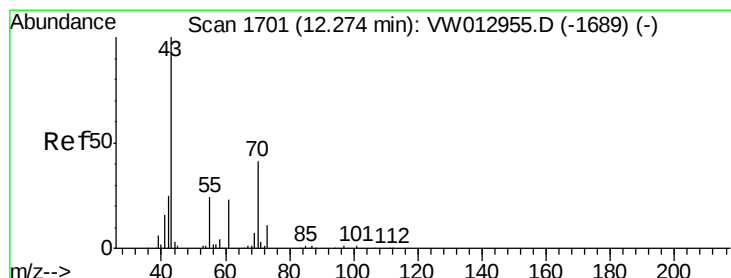
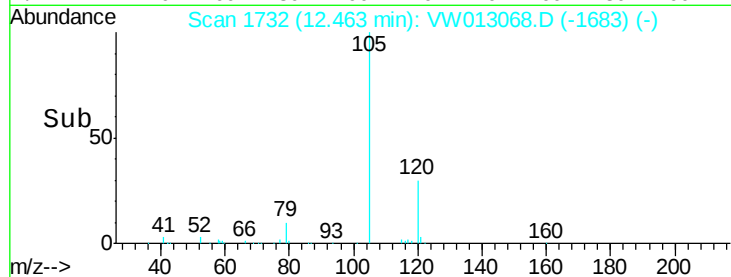
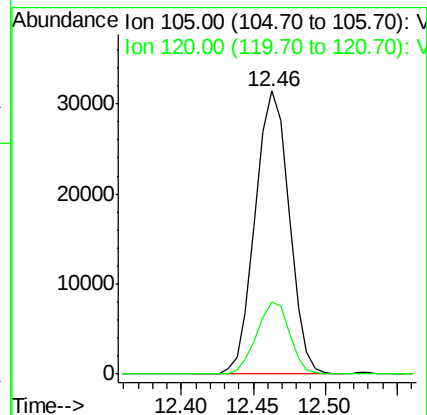
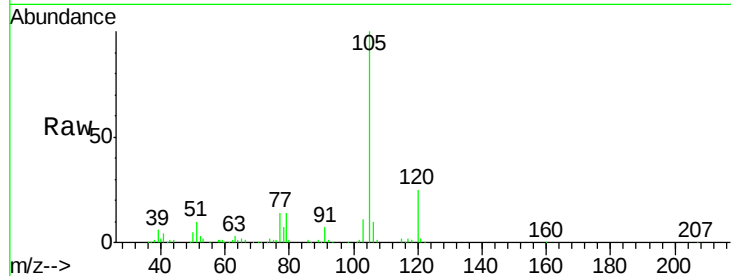
120 24.8 13.0 39.0

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#74

N-ethyl acetate

Concen: 16.532 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. -0.00 min

Lab File: VW013068.D

Acq: 17 Sep 2019 04:30

Tgt Ion: 43 Resp: 3181

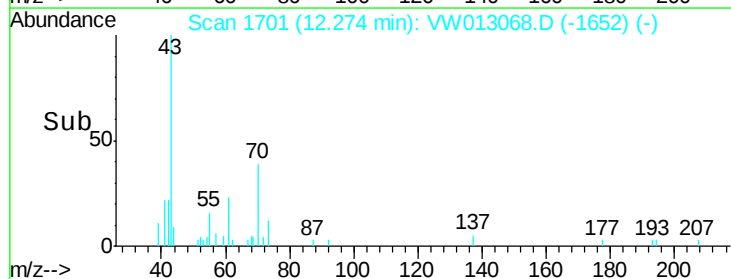
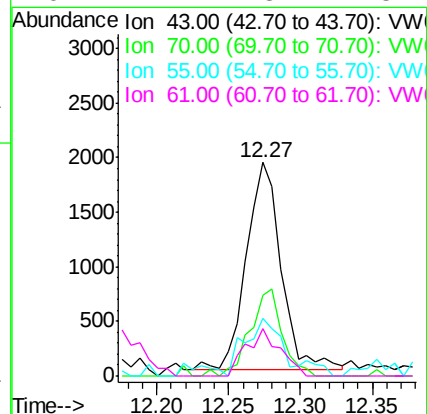
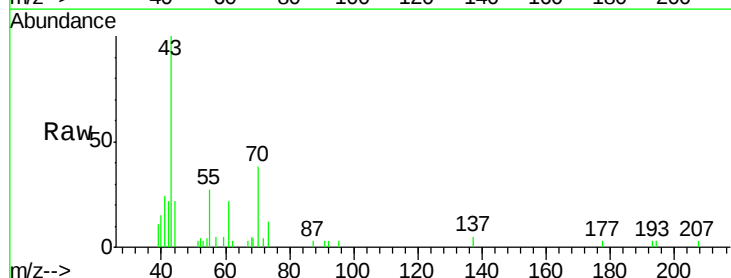
Ion Ratio Lower Upper

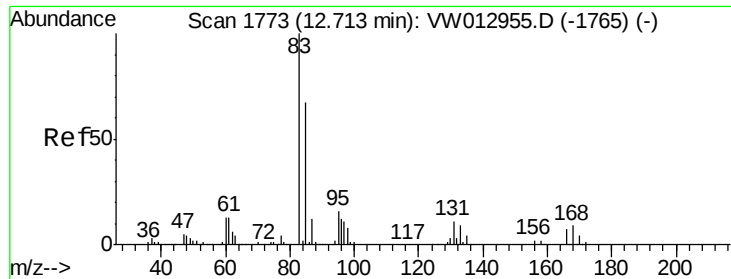
43 100

70 38.6 31.7 47.5

55 24.4 19.4 29.2

61 22.2 18.7 28.1





#75

1,1,2,2-Tetrachloroethane

Concen: 38.850 ug/l

RT: 12.71 min Scan# 1773

Delta R.T. -0.00 min

Lab File: VW013068.D

Acq: 17 Sep 2019 04:30

Instrument :

MSVOA_W

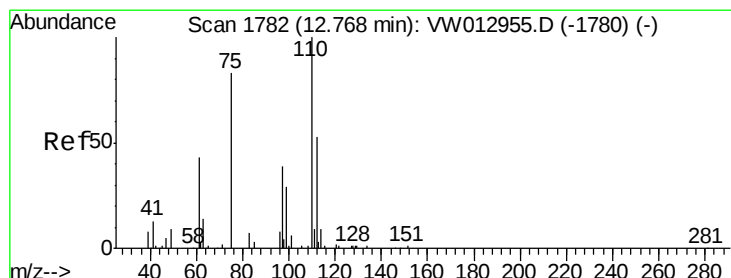
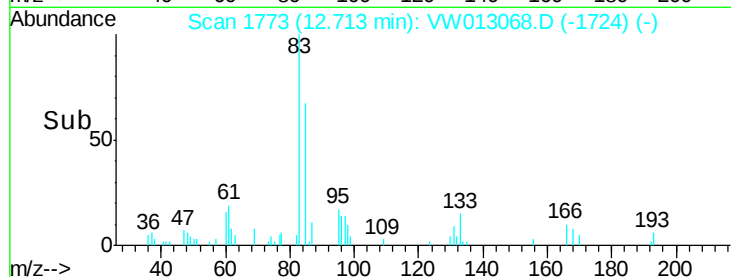
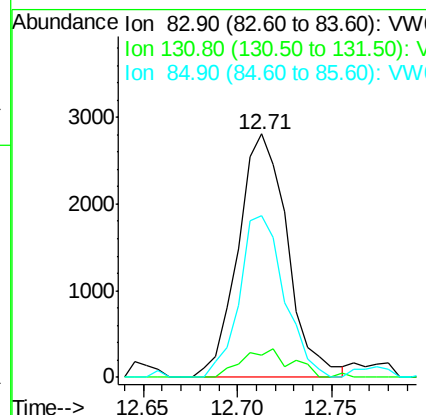
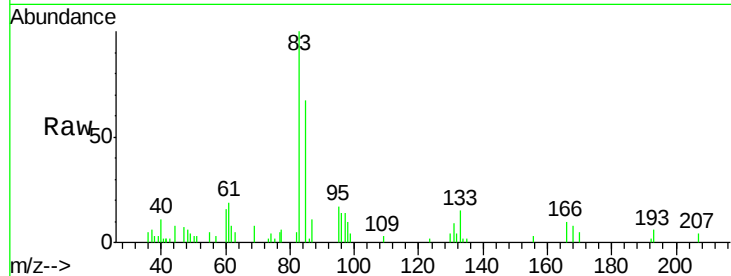
ClientSampleId :

SB-3C-(9)MS

Tot Ion:	83	Resp:	5104
Ion	Ratio	Lower	Upper
83	100		
131	11.6	5.7	17.1
85	60.5	31.4	94.3

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 65.282 ug/l m

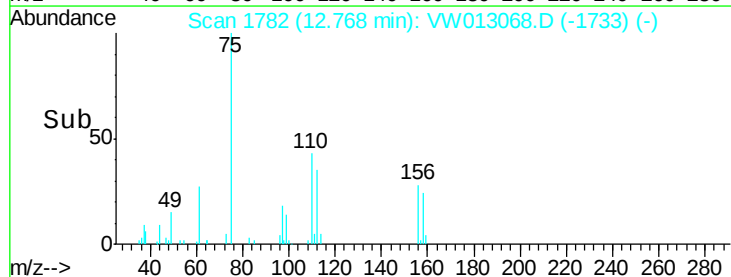
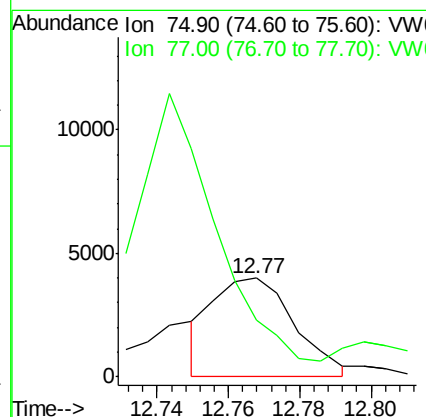
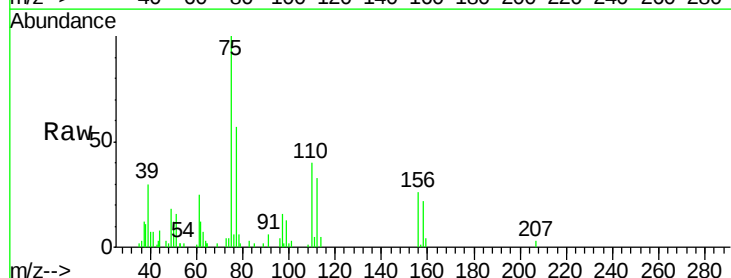
RT: 12.77 min Scan# 1782

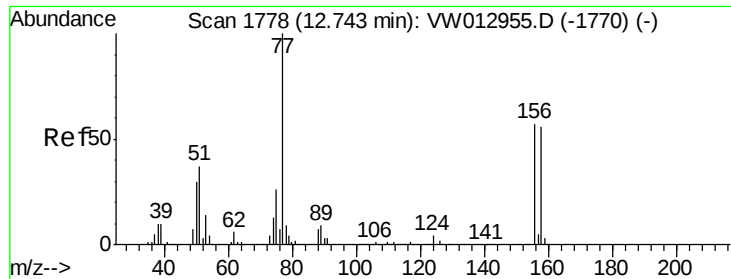
Delta R.T. -0.00 min

Lab File: VW013068.D

Acq: 17 Sep 2019 04:30

Tgt Ion:	75	Resp:	6453
Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 62.424 ug/l

RT: 12.74 min Scan# 1778

Delta R.T. -0.00 min

Lab File: VW013068.D

Acq: 17 Sep 2019 04:30

Instrument :

MSVOA_W

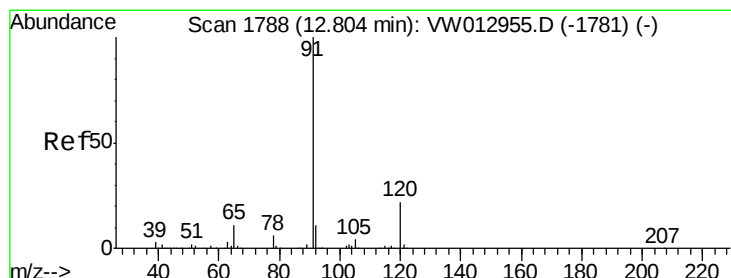
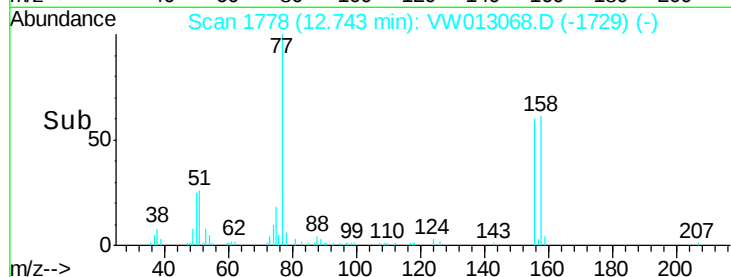
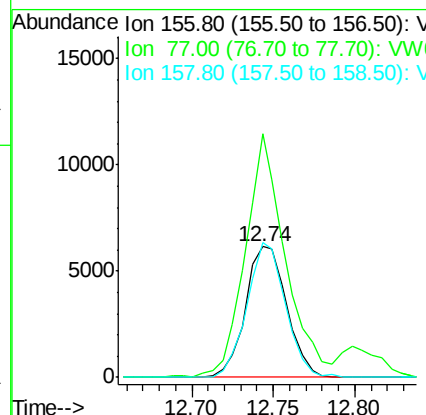
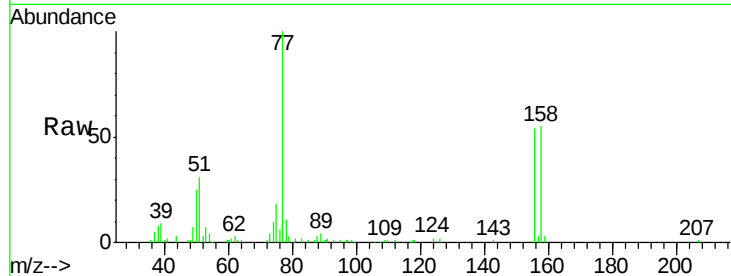
ClientSampleId :

SB-3C-(9)MS

Tot Ion:	156	Resp:	10757
Ion	Ratio	Lower	Upper
156	100		
77	182.1	95.2	285.6
158	96.6	49.0	147.2

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#78

n-propylbenzene

Concen: 61.329 ug/l

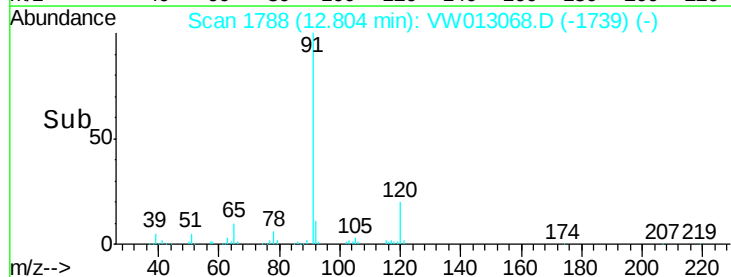
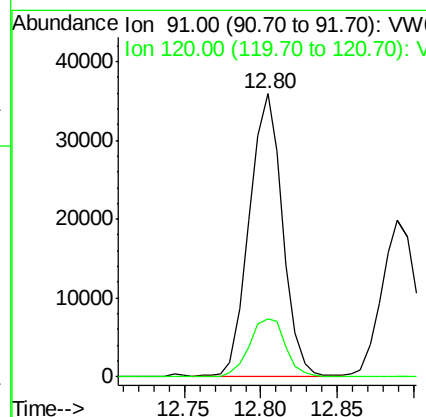
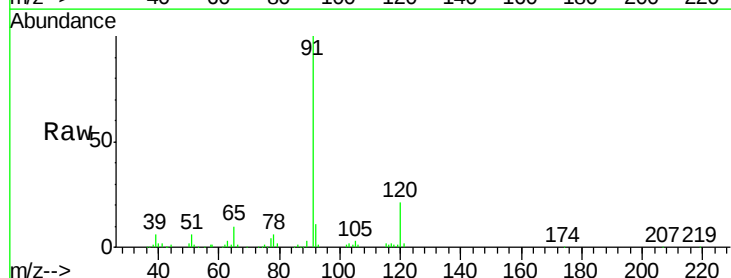
RT: 12.80 min Scan# 1788

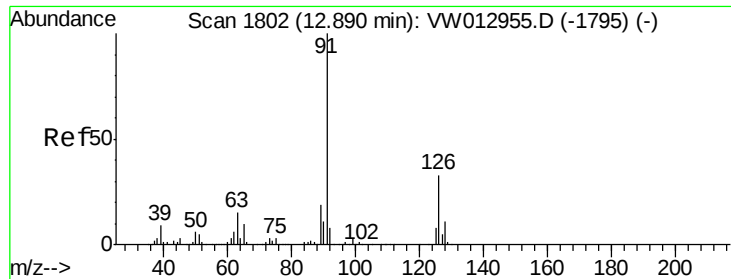
Delta R.T. -0.00 min

Lab File: VW013068.D

Acq: 17 Sep 2019 04:30

Tgt Ion:	91	Resp:	53962
Ion	Ratio	Lower	Upper
91	100		
120	22.3	11.2	33.5





#79

2-Chlorotoluene

Concen: 62.441 ug/l

RT: 12.89 min Scan# 1802

Delta R.T. -0.00 min

Lab File: VW013068.D

Acq: 17 Sep 2019 04:30

Instrument :

MSVOA_W

ClientSampleId :

SB-3C-(9)MS

Tot Ion: 91 Resp: 31583

Ion Ratio Lower Upper

91 100

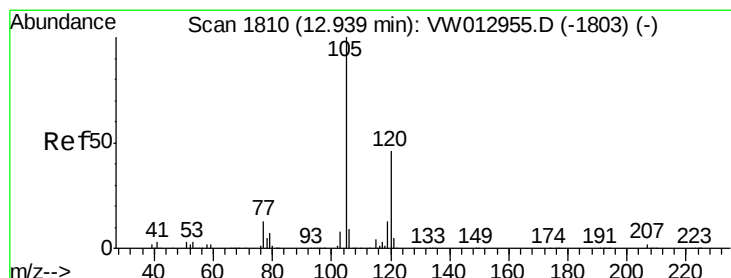
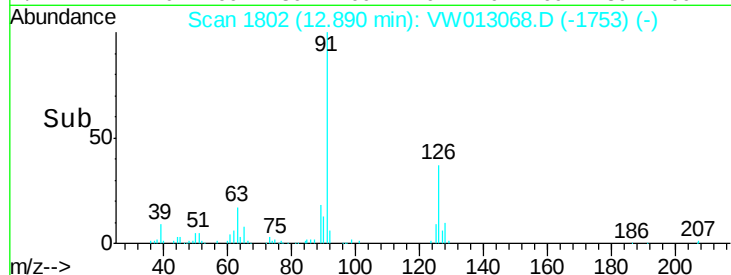
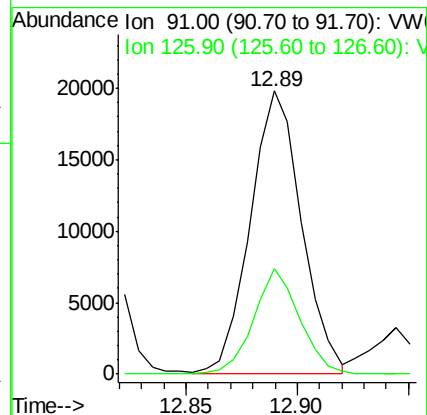
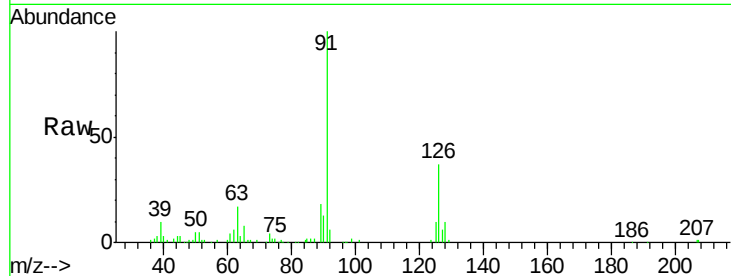
126 33.3 16.5 49.5

Manual Integrations

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#80

1,3,5-Trimethylbenzene

Concen: 61.602 ug/l

RT: 12.94 min Scan# 1811

Delta R.T. 0.01 min

Lab File: VW013068.D

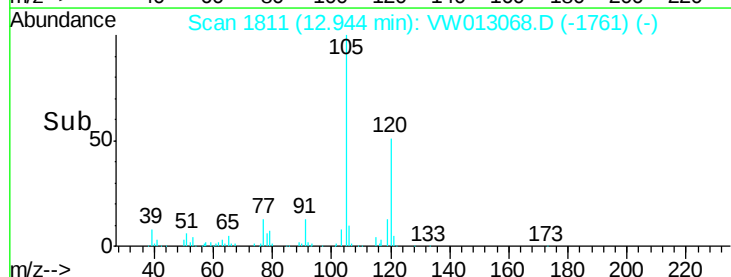
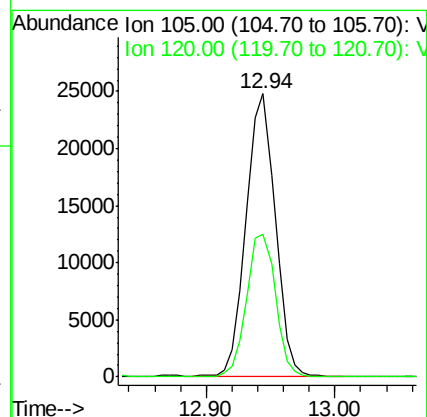
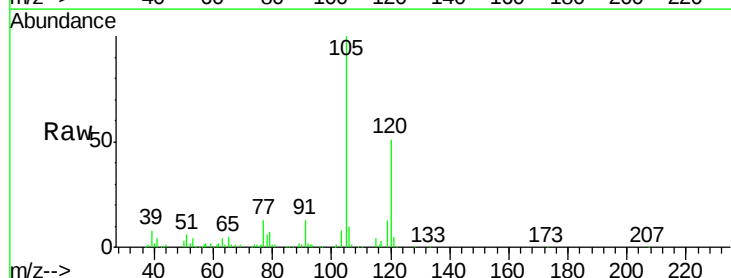
Acq: 17 Sep 2019 04:30

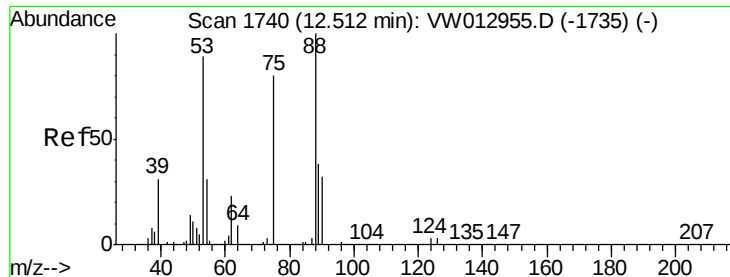
Tgt Ion:105 Resp: 38982

Ion Ratio Lower Upper

105 100

120 50.0 24.2 72.6





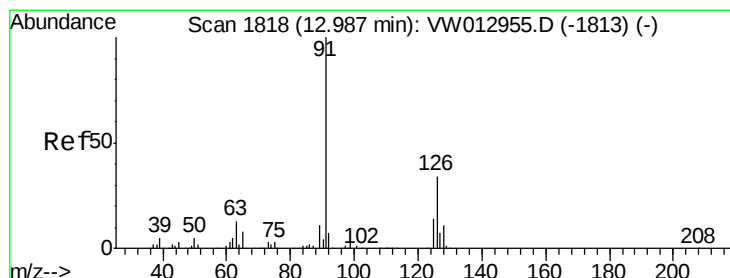
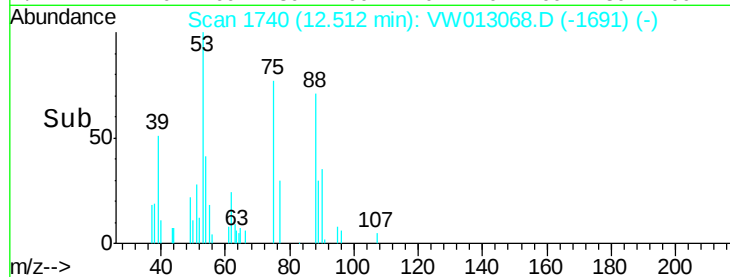
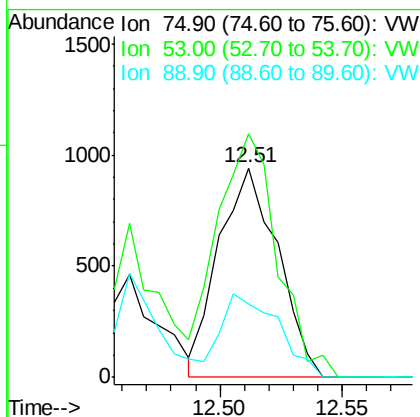
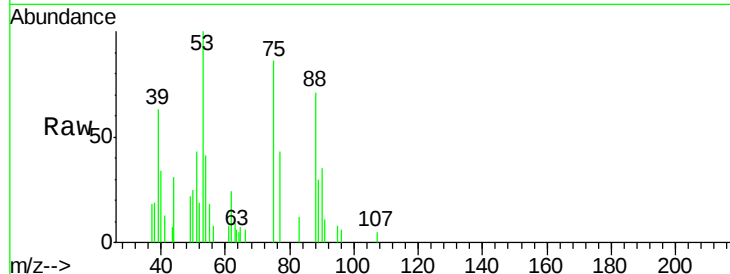
#81
trans-1,4-Dichloro-2-butene
Concen: 36.306 ug/l
RT: 12.51 min Scan# 1740
Delta R.T. -0.00 min
Lab File: VW013068.D
Acq: 17 Sep 2019 04:30

Instrument :
MSVOA_W
ClientSampled :
SB-3C-(9)MS

Tot Ion	Ratio	Lower	Upper
75	100		
53	118.5	85.6	128.4
89	38.1	37.2	55.8

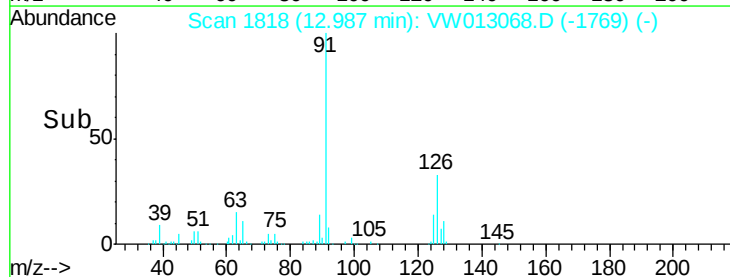
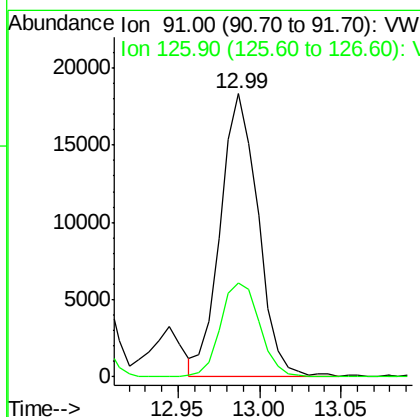
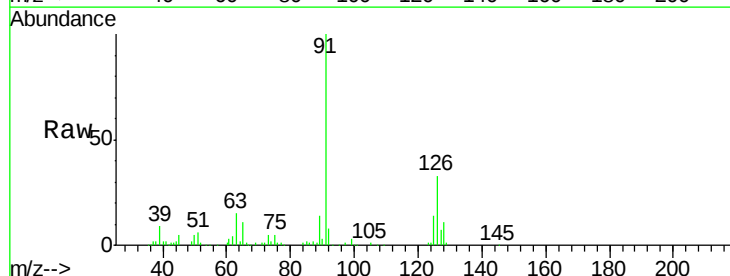
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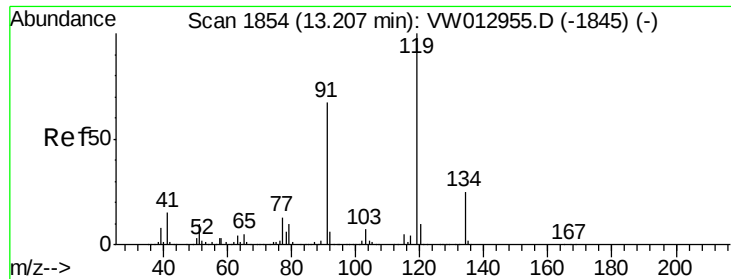
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#82
4-Chlorotoluene
Concen: 55.371 ug/l
RT: 12.99 min Scan# 1818
Delta R.T. -0.00 min
Lab File: VW013068.D
Acq: 17 Sep 2019 04:30

Tgt Ion	Ratio	Lower	Upper
91	100		
126	34.5	16.1	48.3





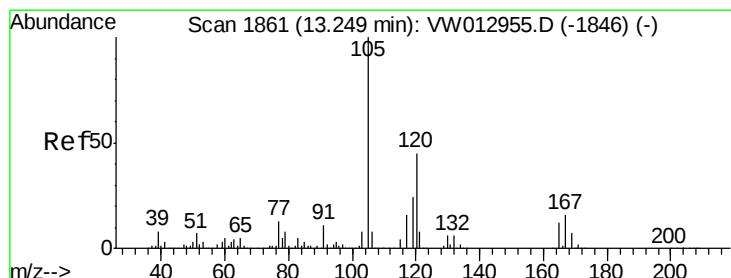
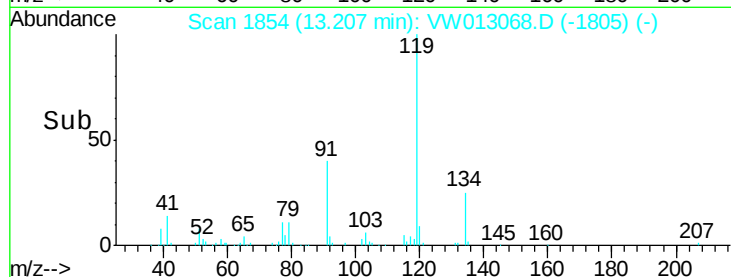
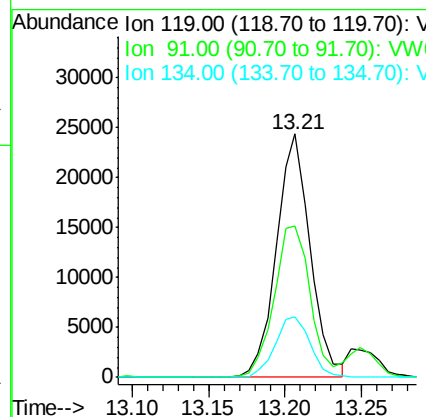
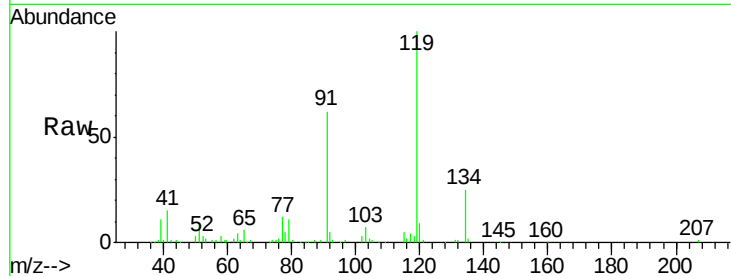
#83
tert-Butylbenzene
Concen: 66.209 ug/l
RT: 13.21 min Scan# 1854
Delta R.T. -0.00 min
Lab File: VW013068.D
Acq: 17 Sep 2019 04:30

Instrument :
MSVOA_W
ClientSampleId :
SB-3C-(9)MS

Tot Ion	Ratio	Lower	Upper
119	100		
91	66.4	32.6	98.0
134	25.8	12.4	37.4

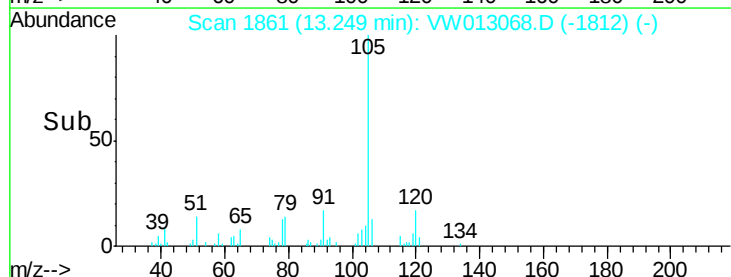
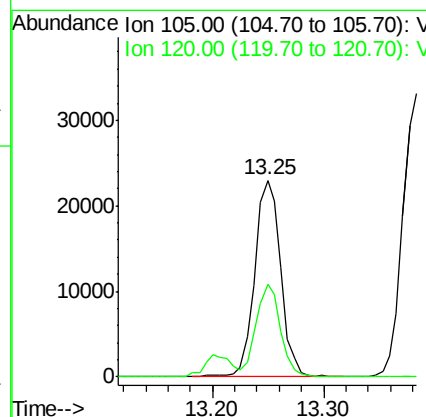
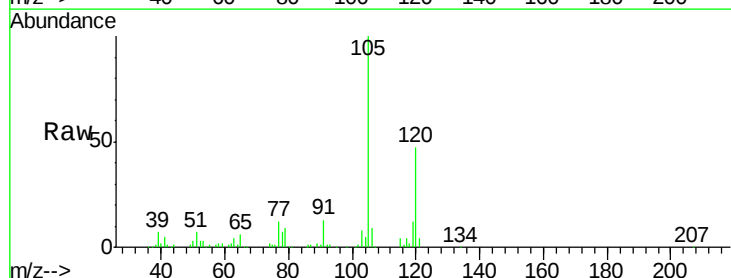
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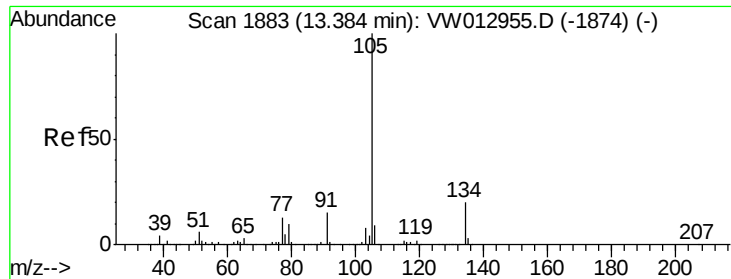
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#84
1,2,4-Trimethylbenzene
Concen: 59.746 ug/l
RT: 13.25 min Scan# 1861
Delta R.T. -0.00 min
Lab File: VW013068.D
Acq: 17 Sep 2019 04:30

Tgt Ion	Ratio	Lower	Upper
105	100		
120	44.0	21.9	65.7





#85

sec-Butylbenzene

Concen: 65.413 ug/l

RT: 13.38 min Scan# 1883

Delta R.T. -0.00 min

Lab File: VW013068.D

Acq: 17 Sep 2019 04:30

Instrument :

MSVOA_W

ClientSampleId :

SB-3C-(9)MS

Tot Ion:105 Resp: 50445

Ion Ratio Lower Upper

105 100

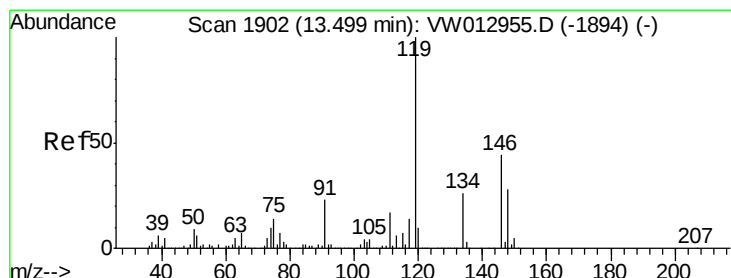
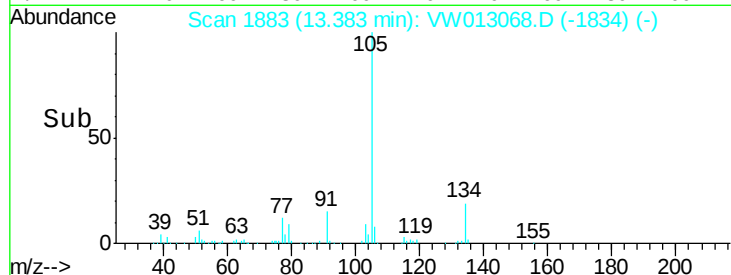
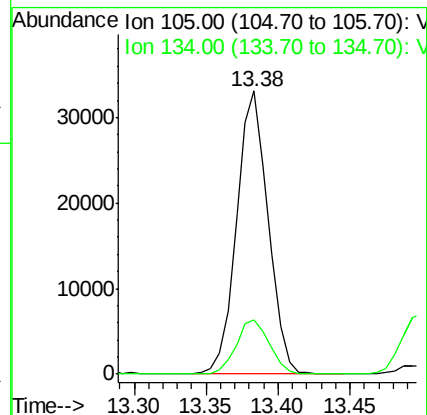
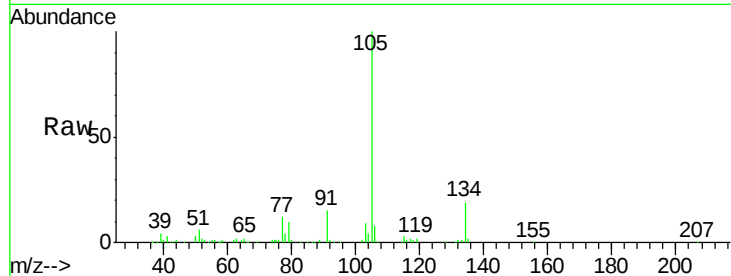
134 20.0 10.2 30.4

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#86

p-Isopropyltoluene

Concen: 58.741 ug/l

RT: 13.50 min Scan# 1902

Delta R.T. -0.00 min

Lab File: VW013068.D

Acq: 17 Sep 2019 04:30

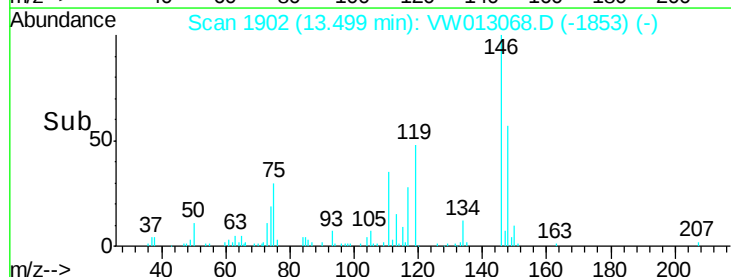
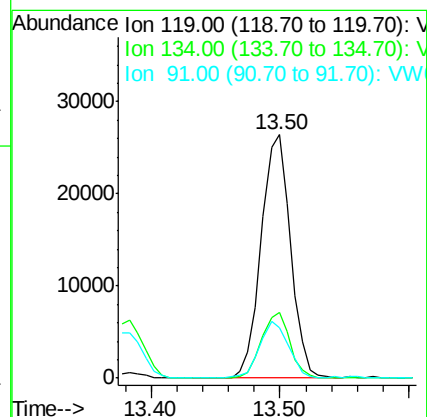
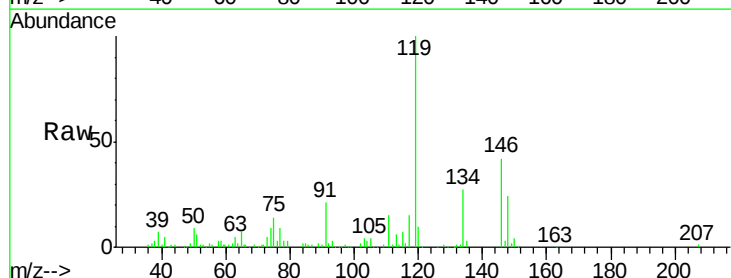
Tgt Ion:119 Resp: 41590

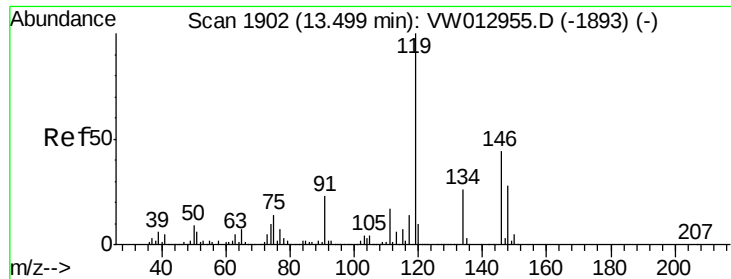
Ion Ratio Lower Upper

119 100

134 26.0 12.8 38.3

91 23.0 11.8 35.4





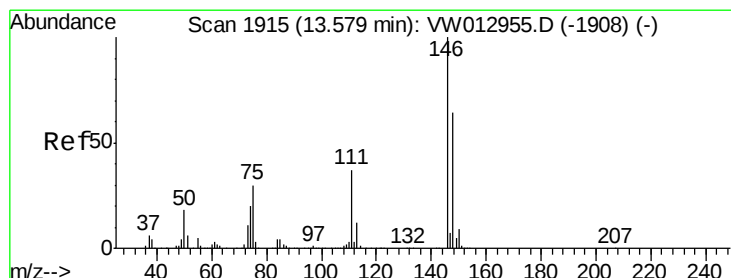
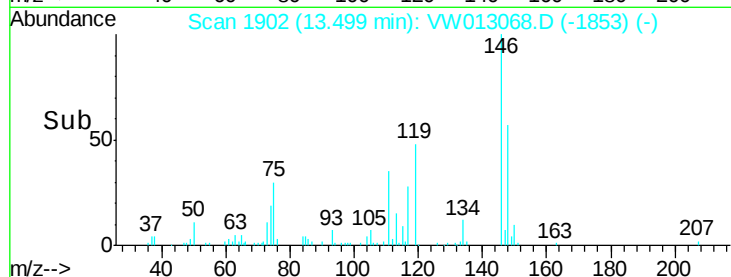
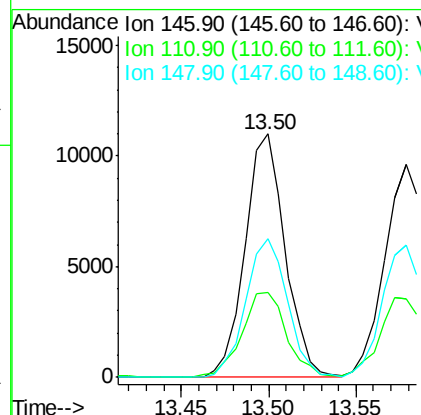
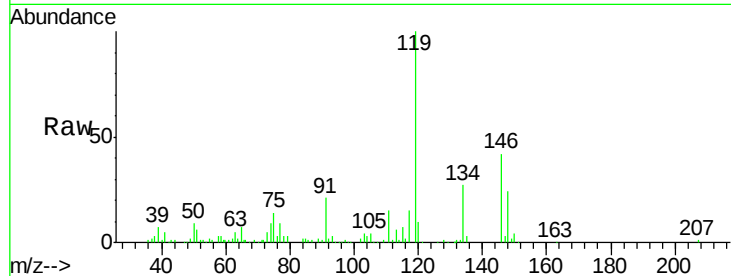
#87
 1,3-Dichlorobenzene
 Concen: 51.333 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. -0.00 min
 Lab File: VW013068.D
 Acq: 17 Sep 2019 04:30

Instrument :
 MSVOA_W
 ClientSampleId :
 SB-3C-(9)MS

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.8	19.8	59.4
148	59.1	31.9	95.7

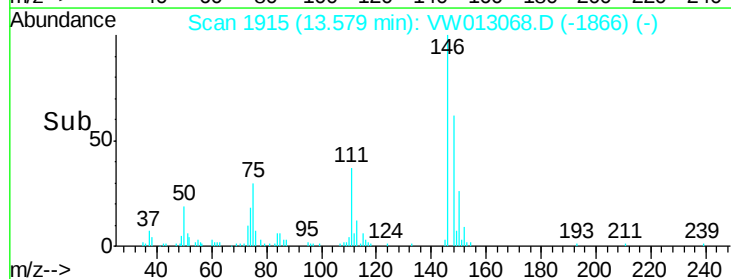
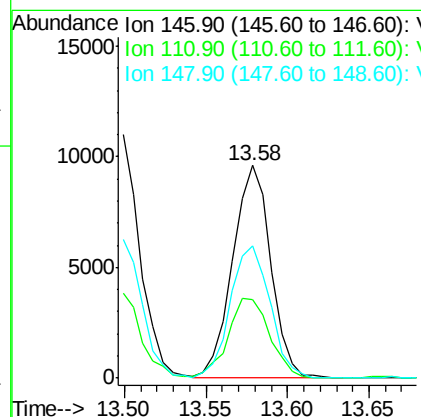
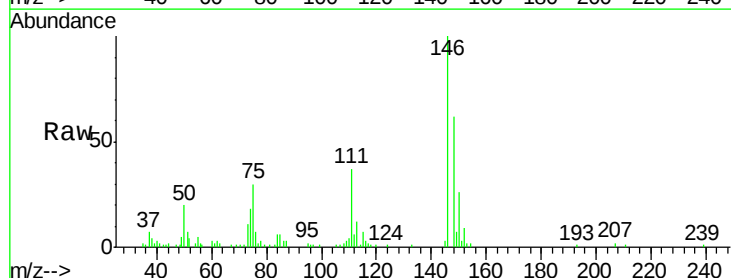
Manual Integrations
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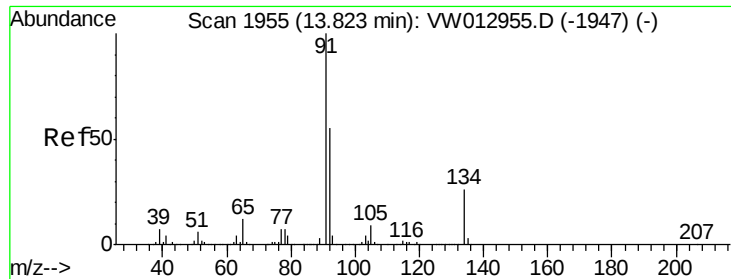
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#88
 1,4-Dichlorobenzene
 Concen: 46.754 ug/l
 RT: 13.58 min Scan# 1915
 Delta R.T. -0.00 min
 Lab File: VW013068.D
 Acq: 17 Sep 2019 04:30

Tgt Ion	Ratio	Lower	Upper
146	100		
111	41.0	19.4	58.2
148	64.8	31.9	95.5





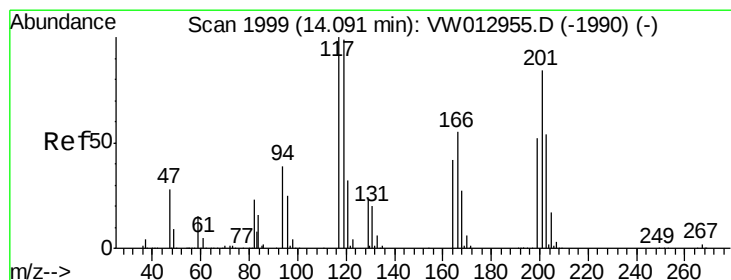
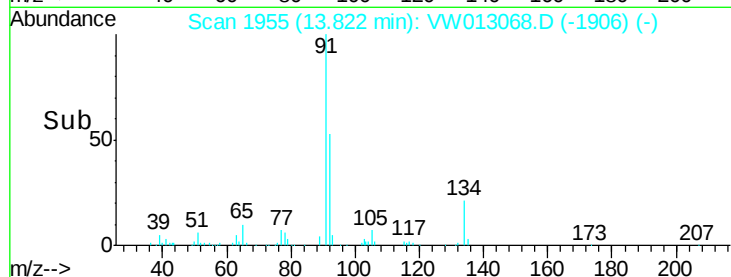
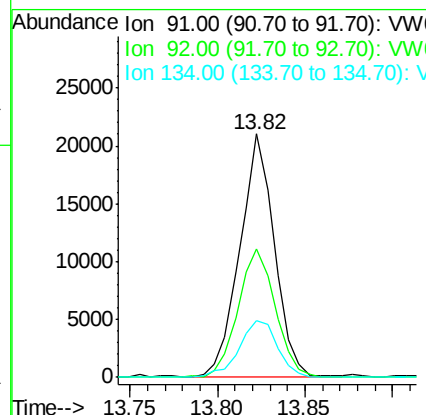
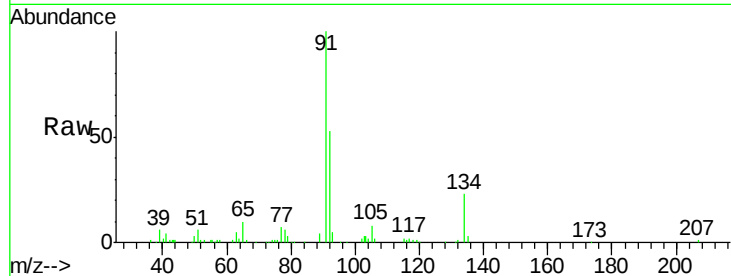
#89
n-Butylbenzene
Concen: 43.727 ug/l
RT: 13.82 min Scan# 1955
Delta R.T. -0.00 min
Lab File: VW013068.D
Acq: 17 Sep 2019 04:30

Instrument :
MSVOA_W
ClientSampleId :
SB-3C-(9)MS

Tot Ion	Ratio	Lower	Upper
91	100		
92	56.5	27.2	81.5
134	25.8	13.1	39.1

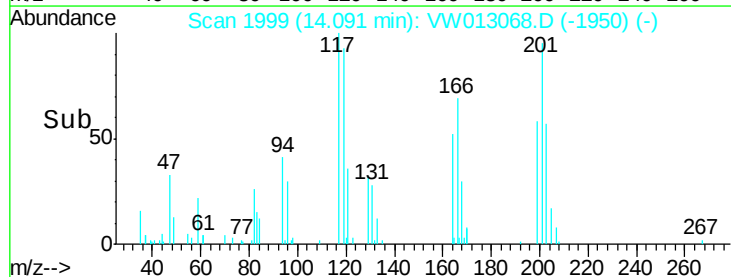
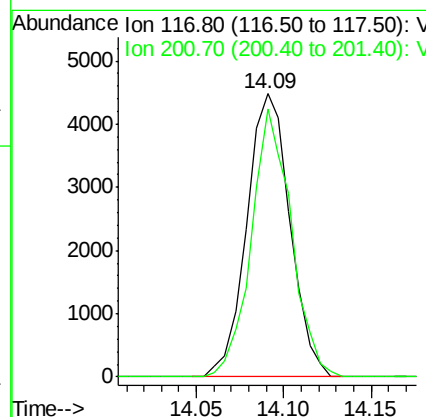
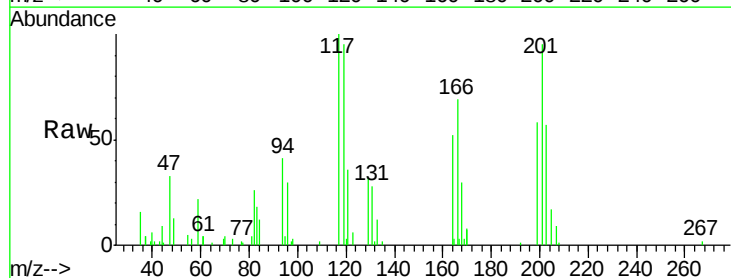
Manual Integrations
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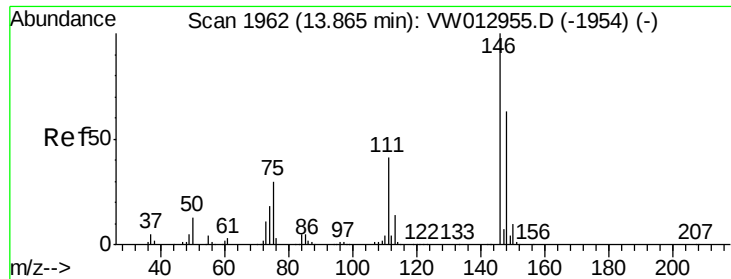
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#90
Hexachloroethane
Concen: 60.844 ug/l
RT: 14.09 min Scan# 1999
Delta R.T. -0.00 min
Lab File: VW013068.D
Acq: 17 Sep 2019 04:30

Tgt Ion	Ratio	Lower	Upper
117	100		
201	87.5	45.3	135.9





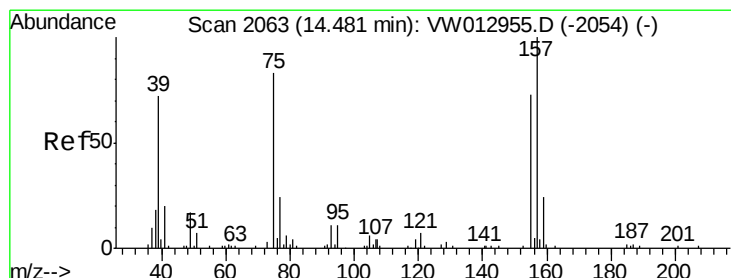
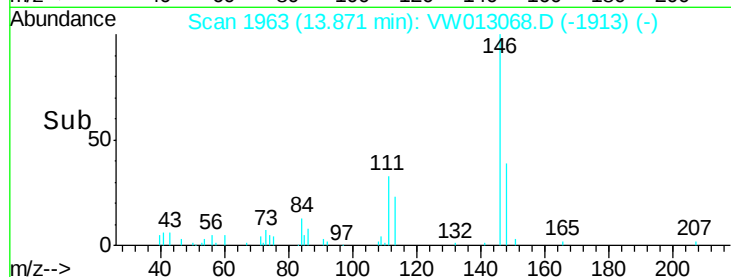
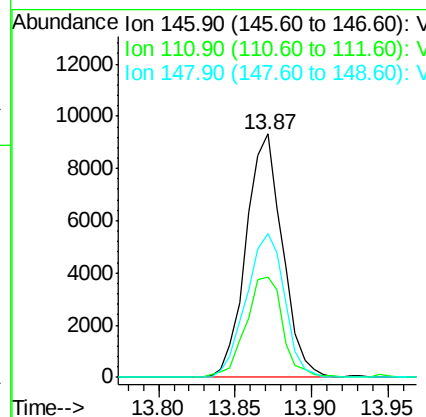
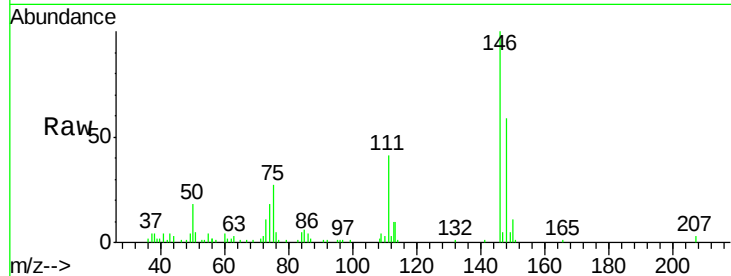
#91
 1,2-Dichlorobenzene
 Concen: 51.309 ug/l
 RT: 13.87 min Scan# 1963
 Delta R.T. 0.01 min
 Lab File: VW013068.D
 Acq: 17 Sep 2019 04:30

Instrument :
 MSVOA_W
 ClientSampleId :
 SB-3C-(9)MS

Tot Ion	Ratio	Lower	Upper
146	100		
111	41.7	20.8	62.5
148	61.9	32.7	98.1

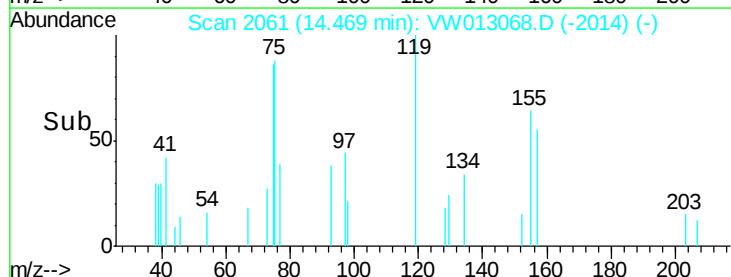
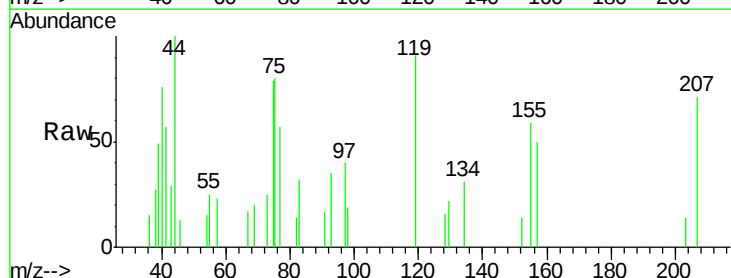
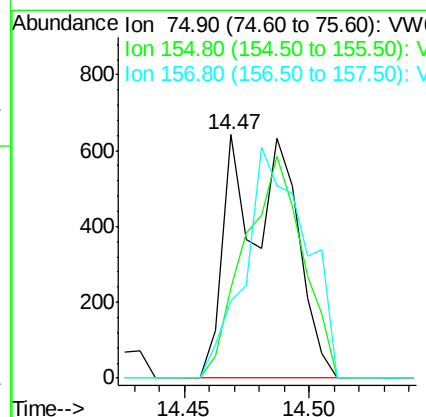
Manual Integrations
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 43.954 ug/l m
 RT: 14.47 min Scan# 2061
 Delta R.T. -0.01 min
 Lab File: VW013068.D
 Acq: 17 Sep 2019 04:30

Tgt Ion	Ratio	Lower	Upper
75	100		
155	89.4	43.3	129.9
157	97.0	54.7	164.1





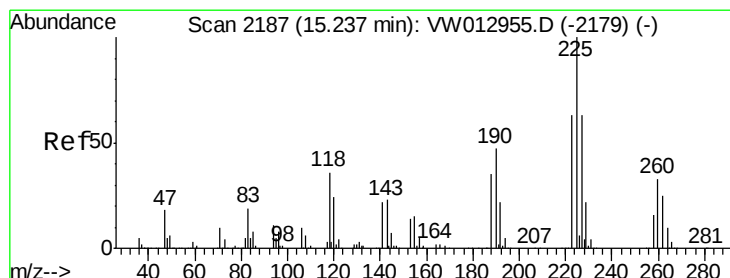
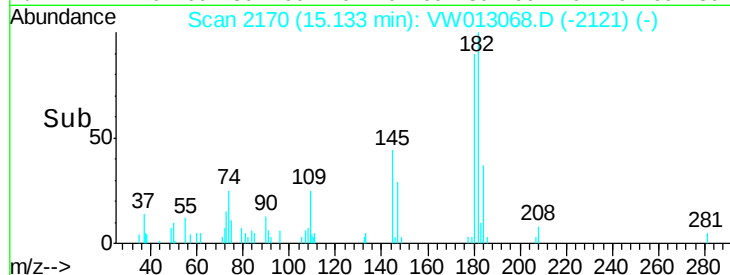
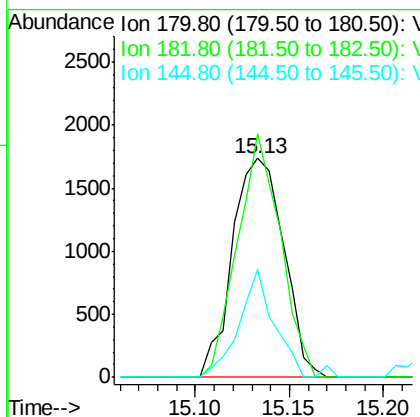
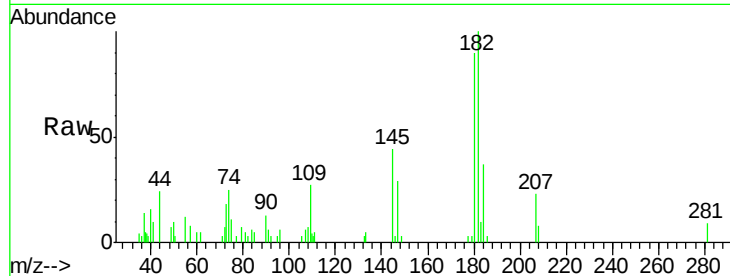
#93
 1,2,4-Trichlorobenzene
 Concen: 15.280 ug/l
 RT: 15.13 min Scan# 2170
 Delta R.T. -0.00 min
 Lab File: VW013068.D
 Acq: 17 Sep 2019 04:30

Instrument :
 MSVOA_W
 ClientSampleId :
 SB-3C-(9)MS

Tot Ion	Ratio	Resp	Lower	Upper
180	100	3269		
182	93.3	47.4	142.2	
145	33.6	14.9	44.7	

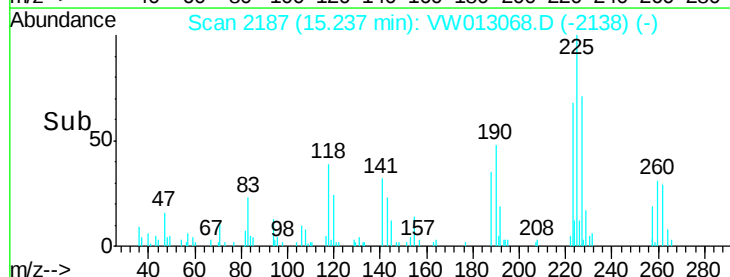
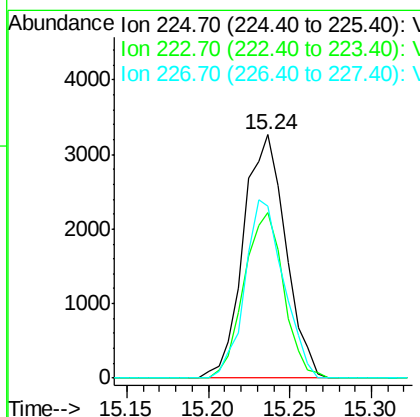
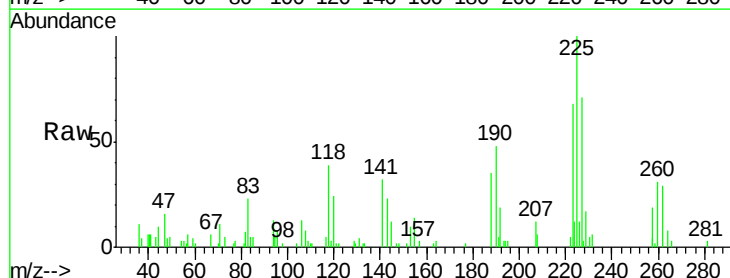
Manual Integrations
 APPROVED

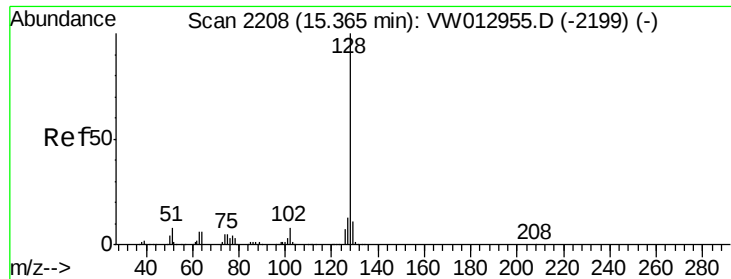
MMDadoda
 9/18/2019 2:01:27 PM



#94
 Hexachlorobutadiene
 Concen: 38.870 ug/l
 RT: 15.24 min Scan# 2187
 Delta R.T. -0.00 min
 Lab File: VW013068.D
 Acq: 17 Sep 2019 04:30

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	5887		
223	63.9	31.8	95.3	
227	67.4	31.3	93.8	





#95

Naphthalene

Concen: 13.296 ug/l

RT: 15.36 min Scan# 2208

Delta R.T. -0.00 min

Lab File: VW013068.D

Acq: 17 Sep 2019 04:30

Instrument :

MSVOA_W

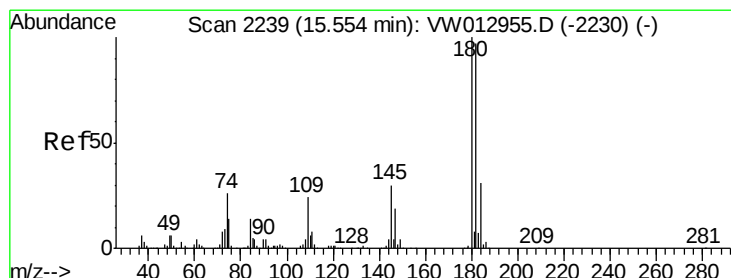
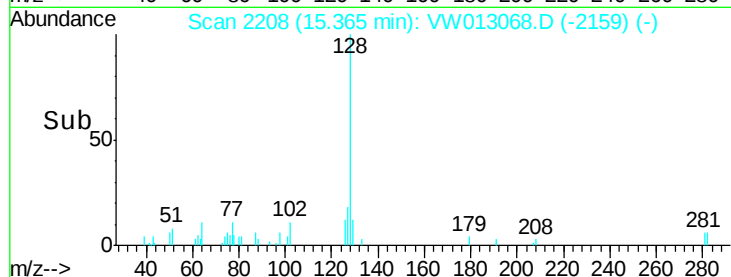
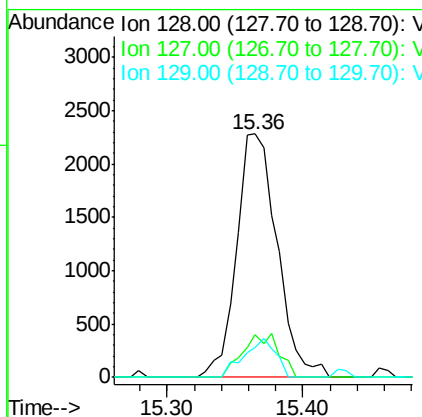
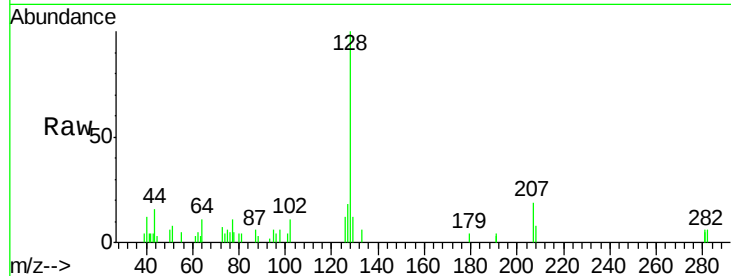
ClientSampleId :

SB-3C-(9)MS

Tot Ion:	128	Resp:	4753
Ion	Ratio	Lower	Upper
128	100		
127	16.1	11.0	16.6
129	12.5	8.6	12.8

Manual Integrations
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#96

1,2,3-Trichlorobenzene

Concen: 15.451 ug/l

RT: 15.56 min Scan# 2240

Delta R.T. 0.01 min

Lab File: VW013068.D

Acq: 17 Sep 2019 04:30

Tgt Ion:	180	Resp:	2922
Ion	Ratio	Lower	Upper
180	100		
182	105.1	47.6	142.8
145	43.6	15.4	46.2

