

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW090519\
 Data File : VW012659.D
 Acq On : 06 Sep 2019 00:03
 Operator : SY/VA
 Sample : VW0905SBS04
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0905SBS04

Manual Integrations
 APPROVED

MMDadoda

Quant Time: Sep 06 08:33:46 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W082319S.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 26 07:18:31 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)	9/6/2019 12:29:45 PM
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1) Pentafluorobenzene	7.95	168	206763	50.00	ug/l	0.00	
34) 1,4-Difluorobenzene	8.84	114	324157	50.00	ug/l	0.00	
63) Chlorobenzene-d5	11.63	117	275123	50.00	ug/l	0.00	
72) 1,4-Dichlorobenzene-d4	13.55	152	125408	50.00	ug/l	0.00	

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	135588	55.16	ug/l	0.00	
Spiked Amount	50.000		Recovery	=	110.32%		
35) Dibromofluoromethane	7.88	113	106292	54.93	ug/l	0.00	
Spiked Amount	50.000		Recovery	=	109.86%		
50) Toluene-d8	10.32	98	374877	47.78	ug/l	0.00	
Spiked Amount	50.000		Recovery	=	95.56%		
62) 4-Bromofluorobenzene	12.62	95	139100	50.30	ug/l	0.00	
Spiked Amount	50.000		Recovery	=	100.60%		

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	27665	21.730	ug/l	91
3) Chloromethane	2.21	50	36472	18.491	ug/l	96
4) Vinyl Chloride	2.36	62	39709	16.448	ug/l	97
5) Bromomethane	2.77	94	22124	18.095	ug/l	95
6) Chloroethane	2.92	64	23546	17.289	ug/l	96
7) Trichlorofluoromethane	3.25	101	22084	18.218	ug/l	95
8) Diethyl Ether	3.68	74	23932	20.799	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	4.07	101	42645	20.696	ug/l	96
10) Methyl Iodide	4.28	142	59591	21.374	ug/l	100
11) Tert butyl alcohol	5.20	59	21160	143.055	ug/l	99
12) 1,1-Dichloroethene	4.04	96	39422	19.008	ug/l	99
13) Acrolein	3.89	56	7985	57.349	ug/l	98
14) Allyl chloride	4.66	41	87201	19.668	ug/l	98
15) Acrylonitrile	5.37	53	71444	125.269	ug/l	99
16) Acetone	4.14	43	61442	97.792	ug/l	100
17) Carbon Disulfide	4.38	76	91935	14.668	ug/l	97
18) Methyl Acetate	4.67	43	41250	26.507	ug/l	96
19) Methyl tert-butyl Ether	5.42	73	88164	26.287	ug/l	97
20) Methylene Chloride	4.91	84	52892	22.268	ug/l	98
21) trans-1,2-Dichloroethene	5.42	96	45834	20.609	ug/l	99
22) Diisopropyl ether	6.31	45	192382	23.409	ug/l	99
23) Vinyl Acetate	6.25	43	571817	113.058	ug/l	99
24) 1,1-Dichloroethane	6.21	63	99774	22.297	ug/l	100
25) 2-Butanone	7.17	43	97641	114.364	ug/l	97
26) 2,2-Dichloropropane	7.17	77	53518	21.130	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	53750	22.621	ug/l	99
28) Bromochloromethane	7.51	49	42973	22.034	ug/l	89
29) Tetrahydrofuran	7.53	42	65285	127.452	ug/l	98
30) Chloroform	7.67	83	96790	23.642	ug/l	99
31) Cyclohexane	7.95	56	82638	18.666	ug/l #	91
32) 1,1,1-Trichloroethane	7.87	97	73974	22.841	ug/l	99
36) 1,1-Dichloropropene	8.08	75	68410	20.422	ug/l	99
37) Ethyl Acetate	7.26	43	46541	25.354	ug/l	98
38) Carbon Tetrachloride	8.06	117	64885	22.379	ug/l	98

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 ALS Vial : 32 Sample Multiplier: 1

Instrument :
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Manual Integrations
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MMDadoda

Quant Time: Sep 06 08:33:46 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W082319S.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 26 07:18:31 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)	9/6/2019 12:29:45 PM
39) Methylcyclohexane	9.34	83	72222	19.192	ug/l	97	
40) Benzene	8.32	78	199707	21.833	ug/l	100	
41) Methacrylonitrile	7.48	41	26856	24.893	ug/l	96	
42) 1,2-Dichloroethane	8.40	62	71761	25.033	ug/l	99	
43) Isopropyl Acetate	8.42	43	84383	24.817	ug/l	100	
44) Trichloroethene	9.09	130	46098	20.732	ug/l	99	
45) 1,2-Dichloropropane	9.37	63	53315	21.658	ug/l	92	
46) Dibromomethane	9.46	93	25572	23.347	ug/l	96	
47) Bromodichloromethane	9.65	83	64484	22.121	ug/l	97	
48) Methyl methacrylate	9.43	41	38919	24.049	ug/l	96	
49) 1,4-Dioxane	9.46	88	8670	517.073	ug/l #	78	
51) 4-Methyl-2-Pentanone	10.21	43	212845	123.072	ug/l	100	
52) Toluene	10.38	92	116490	21.200	ug/l	98	
53) t-1,3-Dichloropropene	10.60	75	66957	22.550	ug/l	99	
54) cis-1,3-Dichloropropene	10.07	75	76411	21.313	ug/l	100	
55) 1,1,2-Trichloroethane	10.79	97	38868	25.081	ug/l	96	
56) Ethyl methacrylate	10.65	69	53735	23.825	ug/l	99	
57) 1,3-Dichloropropane	10.93	76	68373	23.348	ug/l	99	
58) 2-Chloroethyl Vinyl ether	9.92	63	133319	115.176	ug/l	98	
59) 2-Hexanone	10.97	43	142912	116.788	ug/l	100	
60) Dibromochloromethane	11.13	129	41430	24.002	ug/l	100	
61) 1,2-Dibromoethane	11.24	107	33632	23.295	ug/l	99	
64) Tetrachloroethene	10.86	164	38750	21.724	ug/l	98	
65) Chlorobenzene	11.66	112	121805	22.484	ug/l	97	
66) 1,1,1,2-Tetrachloroethane	11.73	131	45800	24.234	ug/l	99	
67) Ethyl Benzene	11.73	91	226887	21.741	ug/l	99	
68) m/p-Xylenes	11.84	106	167518	44.564	ug/l	100	
69) o-Xylene	12.16	106	78537	22.574	ug/l	99	
70) Styrene	12.18	104	137629	22.854	ug/l	100	
71) Bromoform	12.35	173	24041	25.532	ug/l #	100	
73) Isopropylbenzene	12.46	105	220419	23.456	ug/l	100	
74) N-amyl acetate	12.27	43	66586	23.453	ug/l	98	
75) 1,1,2,2-Tetrachloroethane	12.71	83	44173	25.641	ug/l	98	
76) 1,2,3-Trichloropropane	12.77	75	31124m	25.483	ug/l		
77) Bromobenzene	12.74	156	51566	25.365	ug/l	95	
78) n-propylbenzene	12.80	91	249332	21.734	ug/l	98	
79) 2-Chlorotoluene	12.89	91	154315	23.693	ug/l	98	
80) 1,3,5-Trimethylbenzene	12.94	105	191156	24.345	ug/l	99	
81) trans-1,4-Dichloro-2-buten	12.51	75	13278	23.836	ug/l	96	
82) 4-Chlorotoluene	12.99	91	164088	24.061	ug/l	98	
83) tert-Butylbenzene	13.21	119	162793	24.475	ug/l	98	
84) 1,2,4-Trimethylbenzene	13.25	105	191984	24.340	ug/l	99	
85) sec-Butylbenzene	13.38	105	228726	24.002	ug/l	100	
86) p-Isopropyltoluene	13.50	119	186997	21.973	ug/l	99	
87) 1,3-Dichlorobenzene	13.50	146	91469	23.003	ug/l	99	
88) 1,4-Dichlorobenzene	13.58	146	89828	22.751	ug/l	100	
89) n-Butylbenzene	13.82	91	172530	20.387	ug/l	99	
90) Hexachloroethane	14.09	117	33030	22.122	ug/l	92	
91) 1,2-Dichlorobenzene	13.87	146	81751	23.436	ug/l	100	
92) 1,2-Dibromo-3-Chloropropan	14.48	75	6987	24.058	ug/l	97	

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Instrument :
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Manual Integrations
APPROVED

MMDadoda

Quant Time: Sep 06 08:33:46 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W082319S.M
Quant Title : SW846 8260
QLast Update : Mon Aug 26 07:18:31 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)	9/6/2019 12:29:45 PM
93) 1,2,4-Trichlorobenzene	15.13	180	56348	23.375	ug/l	99	
94) Hexachlorobutadiene	15.24	225	37348	23.464	ug/l	97	
95) Naphthalene	15.36	128	101481	23.920	ug/l	99	
96) 1,2,3-Trichlorobenzene	15.56	180	50680	24.096	ug/l	99	

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. 0.00 min

Lab File: VW012659.D

Acq: 06 Sep 2019 00:03

Instrument :

MSVOA_W

ClientSampleID :

VW0905SBS04

Tot Ion: 168 Resp: 206763

Ion Ratio Lower Upper

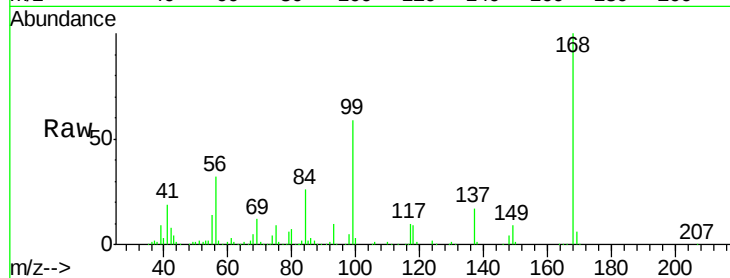
168 100

99 59.1 49.2 73.8

Manual Integrations

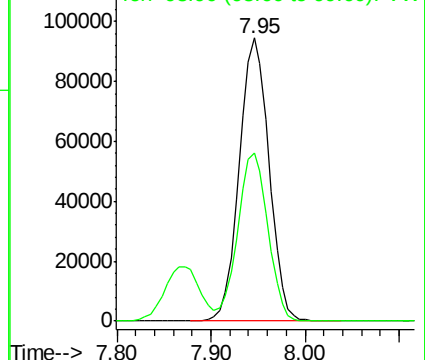
APPROVED

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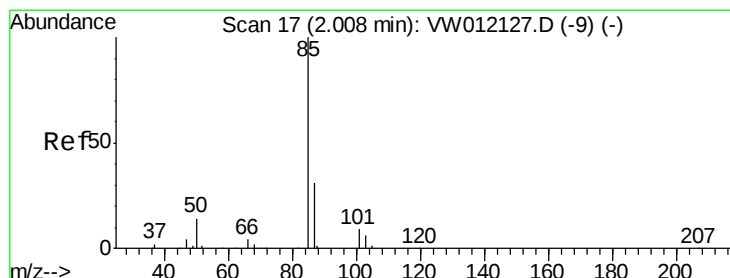
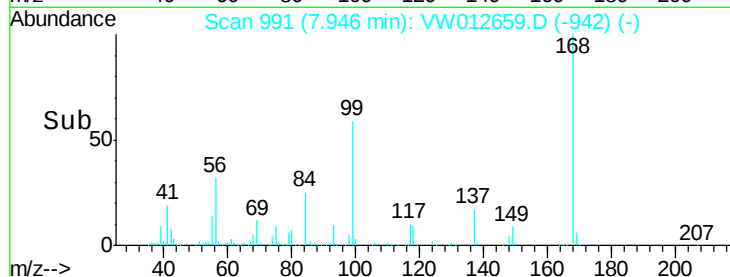


Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



9/6/2019 12:29:45 PM



#2

Dichlorodifluoromethane

Concen: 21.730 ug/l

RT: 2.01 min Scan# 17

Delta R.T. 0.00 min

Lab File: VW012659.D

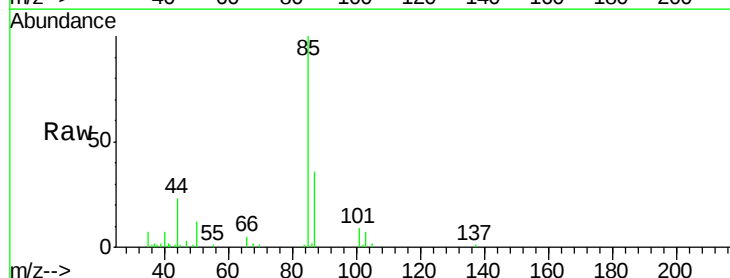
Acq: 06 Sep 2019 00:03

Tgt Ion: 85 Resp: 27665

Ion Ratio Lower Upper

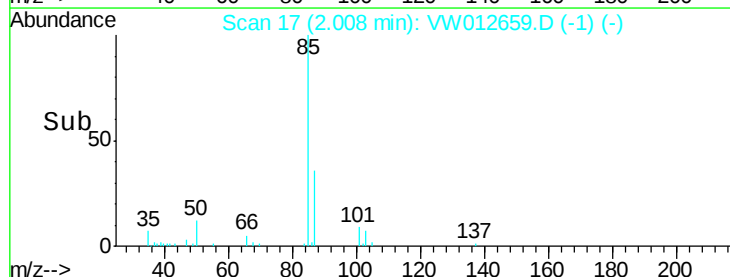
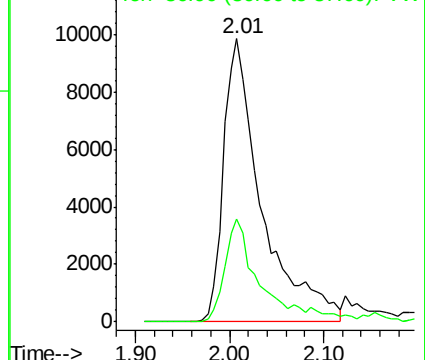
85 100

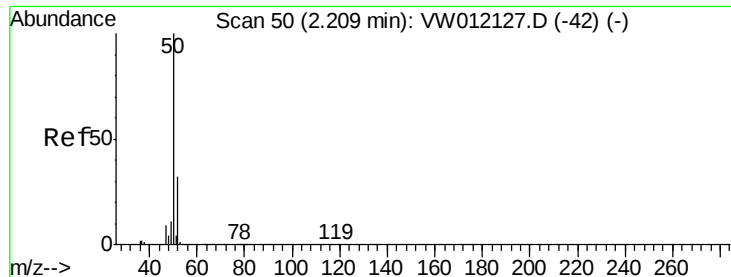
87 36.2 15.6 46.8



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW





#3

Chloromethane

Concen: 18.491 ug/l

RT: 2.21 min Scan# 50

Delta R.T. 0.00 min

Lab File: VW012659.D

Acq: 06 Sep 2019 00:03

Instrument :

MSVOA_W

ClientSampleId :

VW0905SBS04

Tot Ion: 50 Resp: 36472

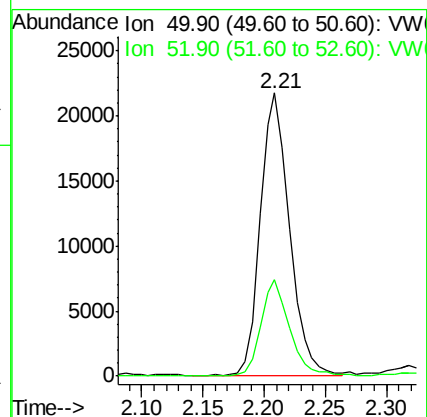
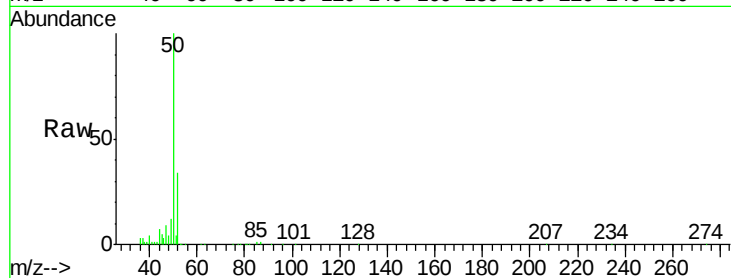
Ion Ratio Lower Upper

50 100

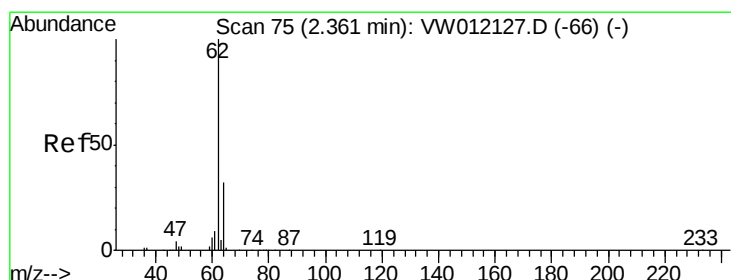
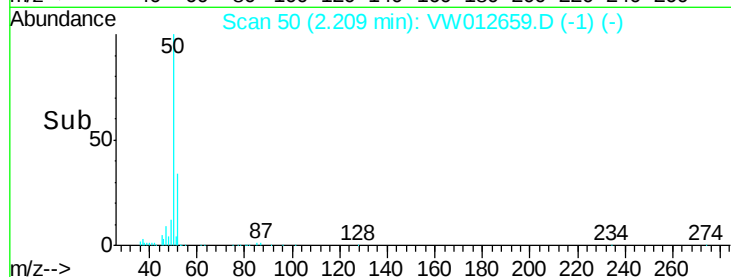
52 34.0 25.5 38.3

Manual Integrations
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9/6/2019 12:29:45 PM



#4

Vinyl Chloride

Concen: 16.448 ug/l

RT: 2.36 min Scan# 74

Delta R.T. -0.01 min

Lab File: VW012659.D

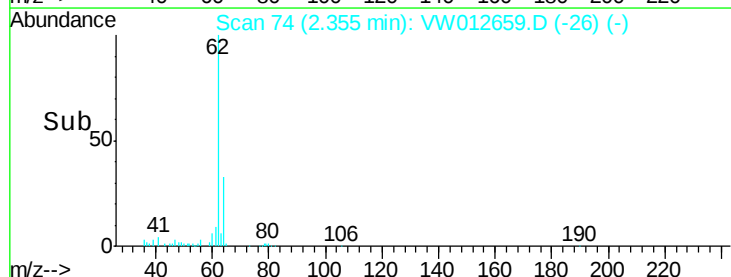
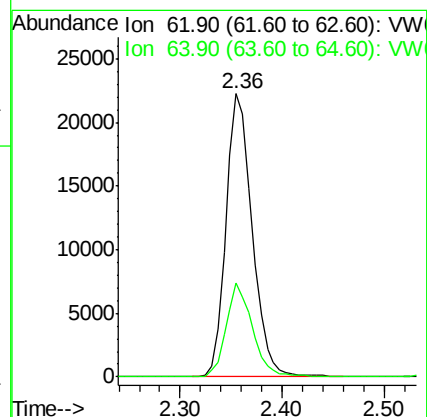
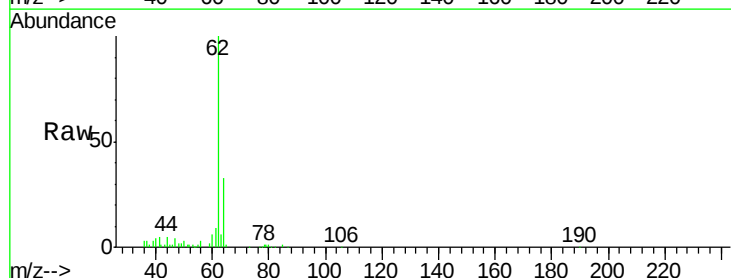
Acq: 06 Sep 2019 00:03

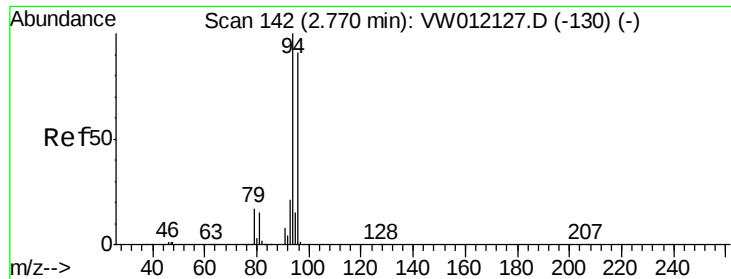
Tgt Ion: 62 Resp: 39709

Ion Ratio Lower Upper

62 100

64 33.4 25.3 37.9





#5

Bromomethane

Concen: 18.095 ug/l

RT: 2.77 min Scan# 142

Delta R.T. 0.00 min

Lab File: VW012659.D

Acq: 06 Sep 2019 00:03

Instrument :

MSVOA_W

ClientSampleId :

VW0905SBS04

Tot Ion: 94 Resp: 22124

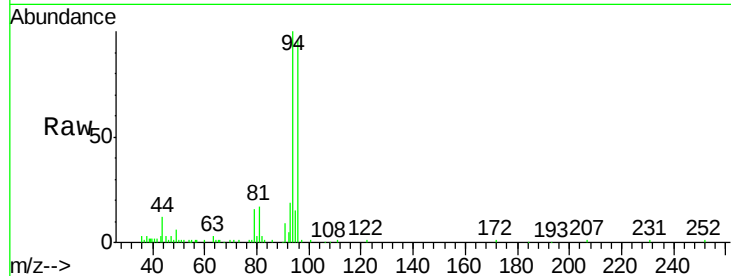
Ion Ratio Lower Upper

94 100

96 95.6 72.9 109.3

Manual Integrations
APPROVED

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Abundance Ion 93.90 (93.60 to 94.60): VW

Ion 95.90 (95.60 to 96.60): VW

2.77

12000

10000

8000

6000

4000

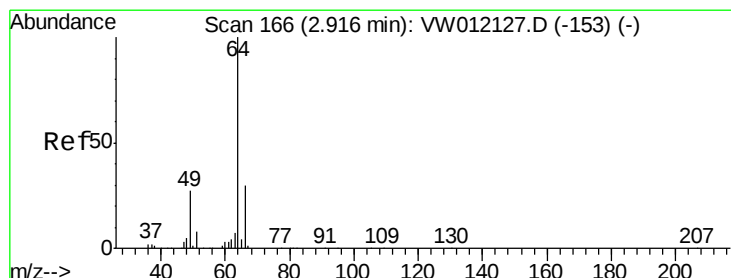
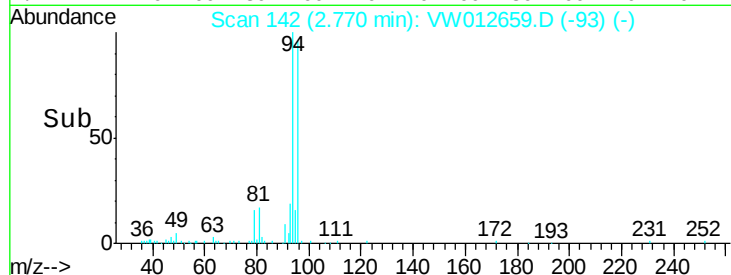
2000

0

Time-->

2.70 2.75 2.80 2.85 2.90

9/6/2019 12:29:45 PM



#6

Chloroethane

Concen: 17.289 ug/l

RT: 2.92 min Scan# 166

Delta R.T. 0.00 min

Lab File: VW012659.D

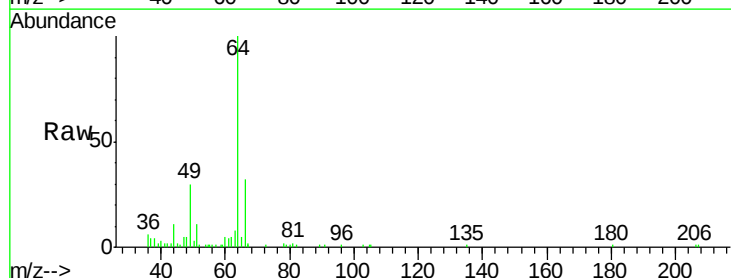
Acq: 06 Sep 2019 00:03

Tgt Ion: 64 Resp: 23546

Ion Ratio Lower Upper

64 100

66 31.8 23.8 35.8



Abundance Ion 63.90 (63.60 to 64.60): VW

Ion 65.90 (65.60 to 66.60): VW

2.92

10000

8000

6000

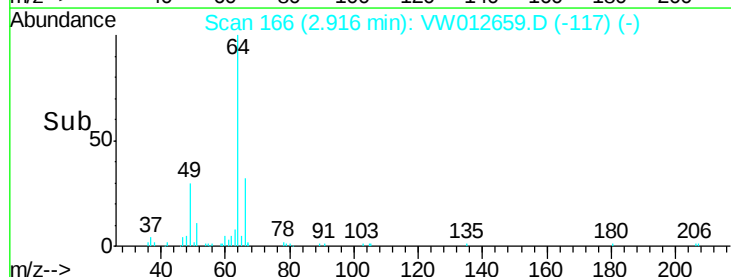
4000

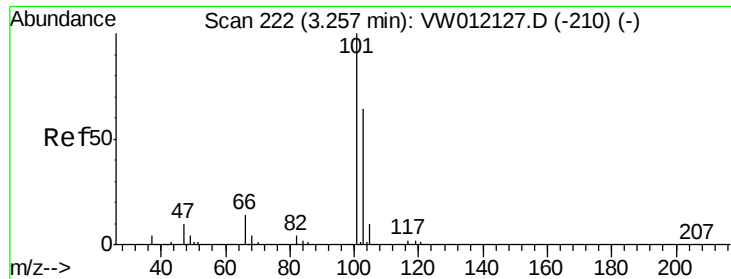
2000

0

Time-->

2.80 2.90 3.00





#7

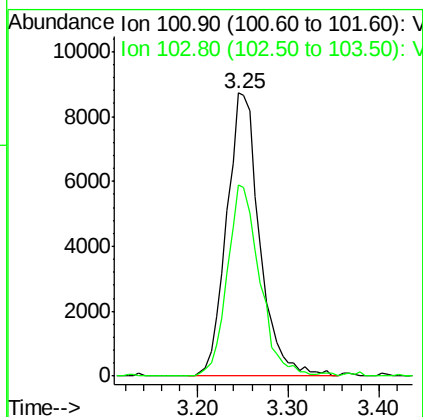
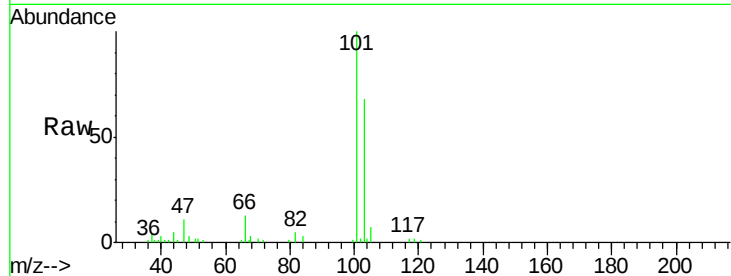
Trichlorofluoromethane
 Concen: 18.218 ug/l
 RT: 3.25 min Scan# 220
 Delta R.T. -0.01 min
 Lab File: VW012659.D
 Acq: 06 Sep 2019 00:03

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0905SBS04

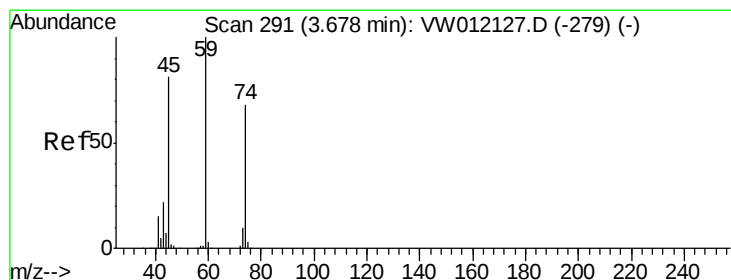
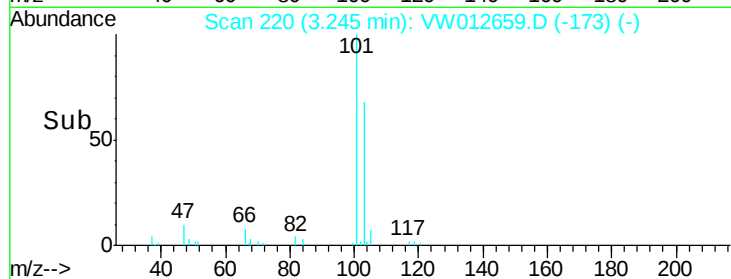
Tot Ion	Ion	Ratio	Resp	Lower	Upper
101	100		22084		
103	67.7	51.2	76.8		

Manual Integrations
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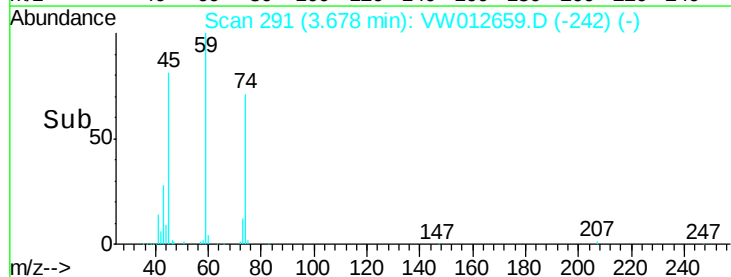
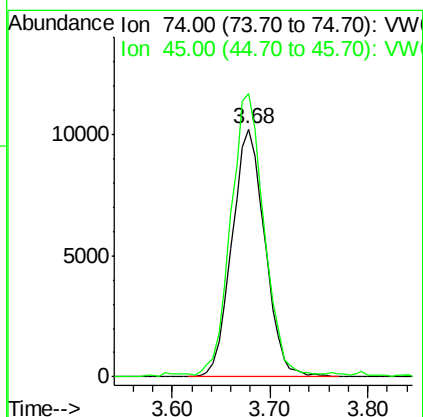
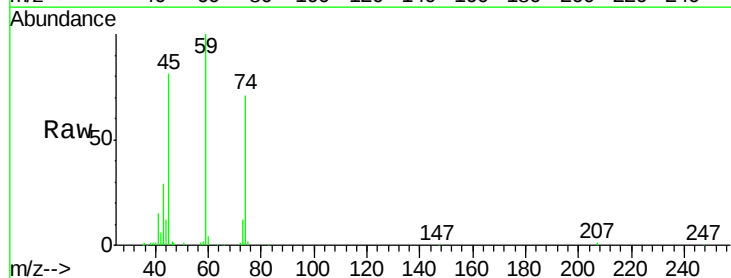
9/6/2019 12:29:45 PM

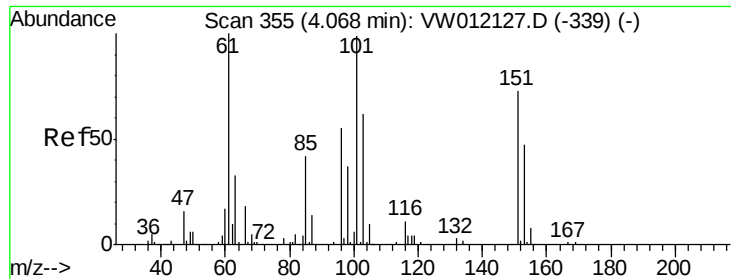


#8

Diethyl Ether
 Concen: 20.799 ug/l
 RT: 3.68 min Scan# 291
 Delta R.T. 0.00 min
 Lab File: VW012659.D
 Acq: 06 Sep 2019 00:03

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
74	100		23932		
45	113.9	59.2	177.6		





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.696 ug/l

RT: 4.07 min Scan# 355

Delta R.T. 0.00 min

Lab File: VW012659.D

Acq: 06 Sep 2019 00:03

Instrument :

MSVOA_W

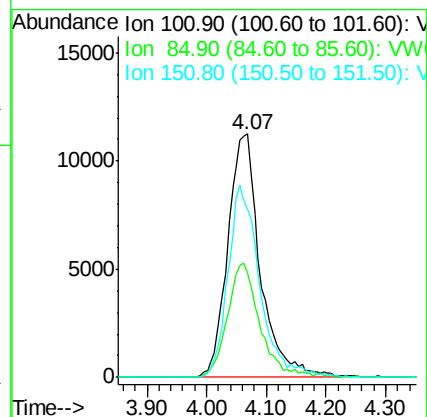
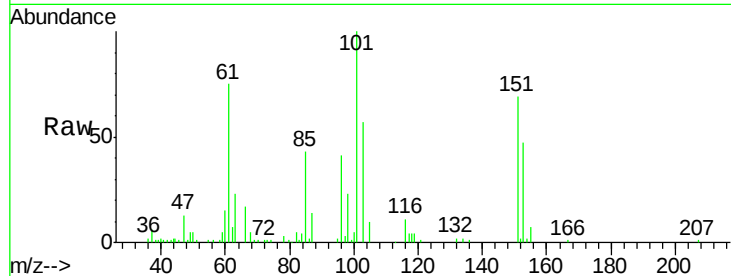
ClientSampled :

VW0905SBS04

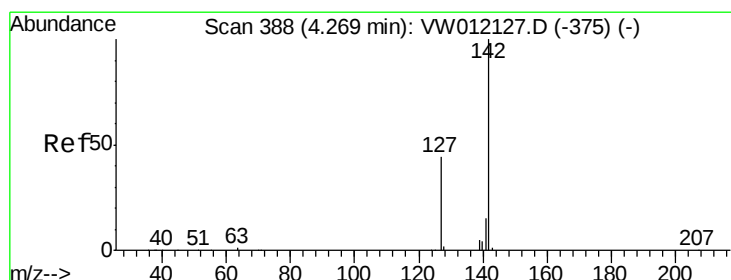
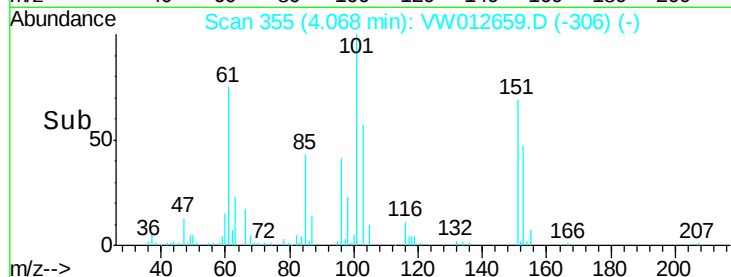
Tot Ion:	101	Resp:	42645
Ion Ratio	Lower	Upper	
101	100		
85	46.2	35.8	53.6
151	77.4	58.6	87.8

Manual Integrations
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9/6/2019 12:29:45 PM



#10

Methyl Iodide

Concen: 21.374 ug/l

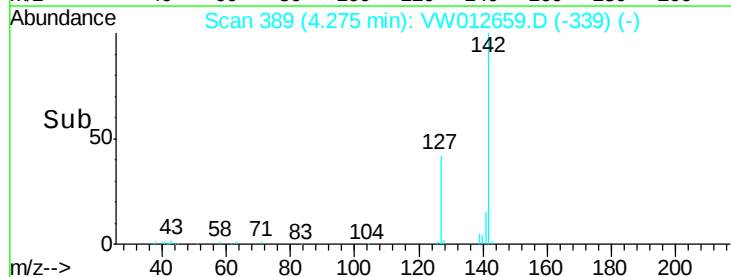
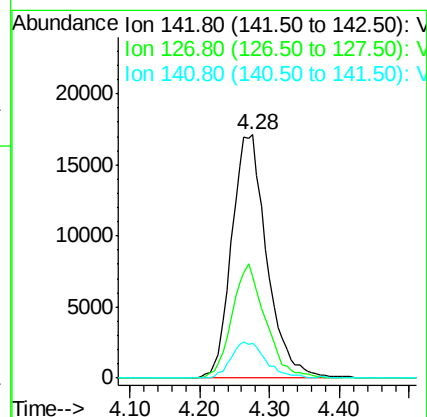
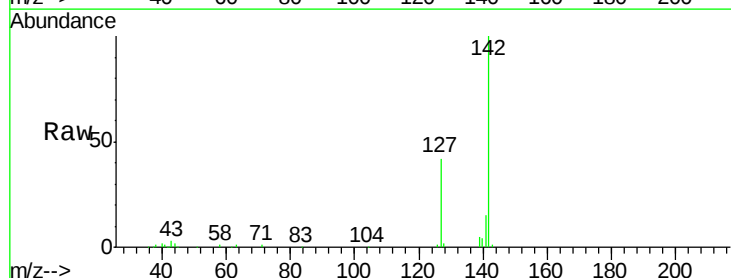
RT: 4.28 min Scan# 389

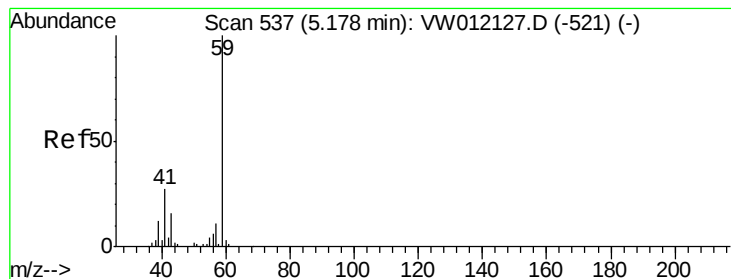
Delta R.T. 0.01 min

Lab File: VW012659.D

Acq: 06 Sep 2019 00:03

Tgt Ion:	142	Resp:	59591
Ion Ratio	Lower	Upper	
142	100		
127	44.6	35.5	53.3
141	14.8	11.8	17.8





#11

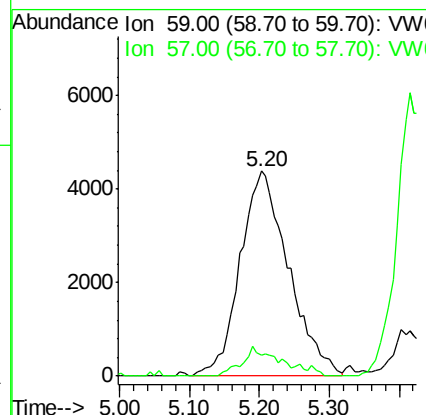
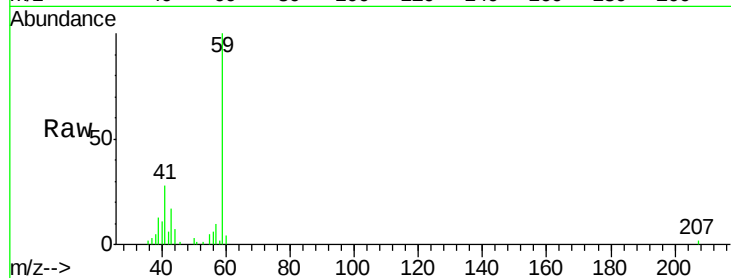
Tert butyl alcohol
Concen: 143.055 ug/l
RT: 5.20 min Scan# 541
Delta R.T. 0.02 min
Lab File: VW012659.D
Acq: 06 Sep 2019 00:03

Instrument :
MSVOA_W
ClientSampleId :
VW0905SBS04

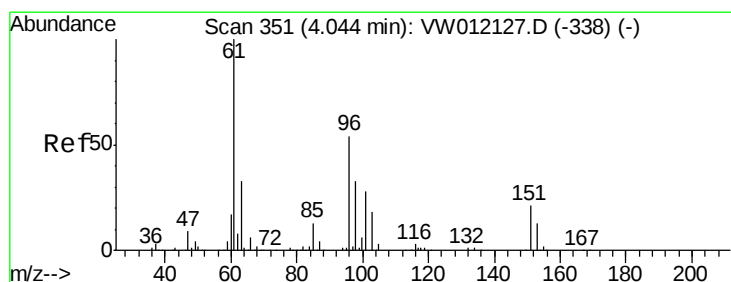
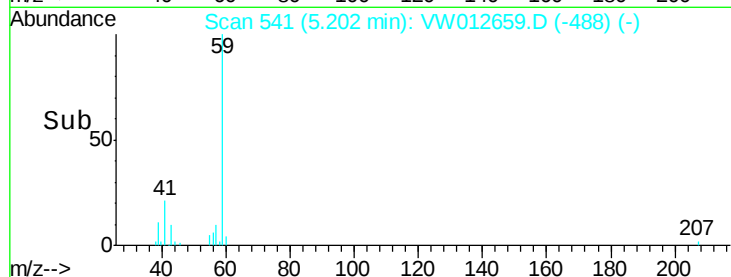
Tot Ion	Ratio	Lower	Upper
59	100		
57	11.0	9.0	13.4

Manual Integrations
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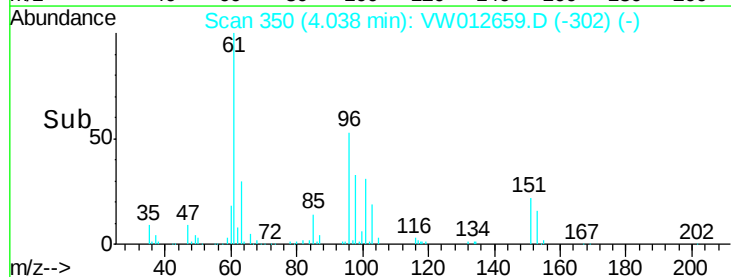
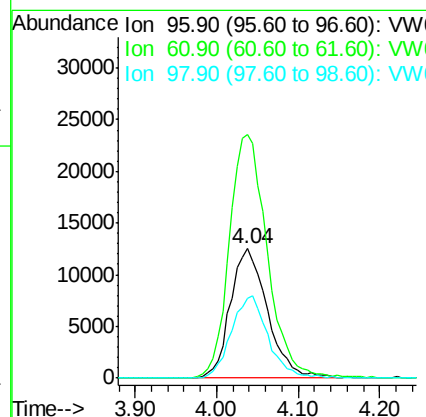
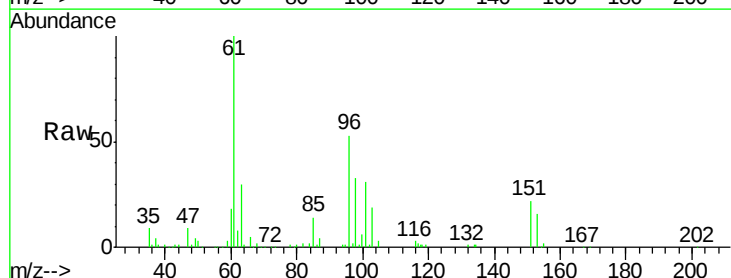
9/6/2019 12:29:45 PM

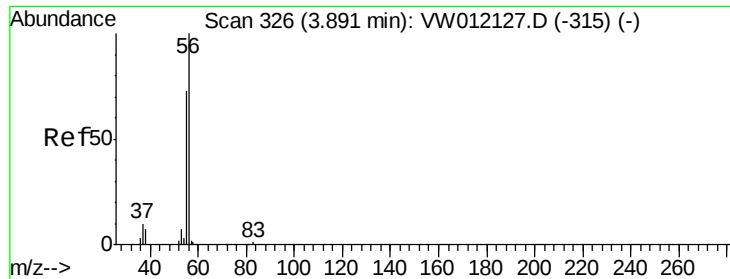


#12

1,1-Dichloroethene
Concen: 19.008 ug/l
RT: 4.04 min Scan# 350
Delta R.T. -0.01 min
Lab File: VW012659.D
Acq: 06 Sep 2019 00:03

Tgt Ion	Ratio	Lower	Upper
96	100		
61	187.8	149.1	223.7
98	61.4	49.4	74.2





#13

Acrolein

Concen: 57.349 ug/l

RT: 3.89 min Scan# 326

Delta R.T. 0.00 min

Lab File: VW012659.D

Acq: 06 Sep 2019 00:03

Instrument :

MSVOA_W

ClientSampleId :

VW0905SBS04

Tot Ion: 56 Resp: 7985

Ion Ratio Lower Upper

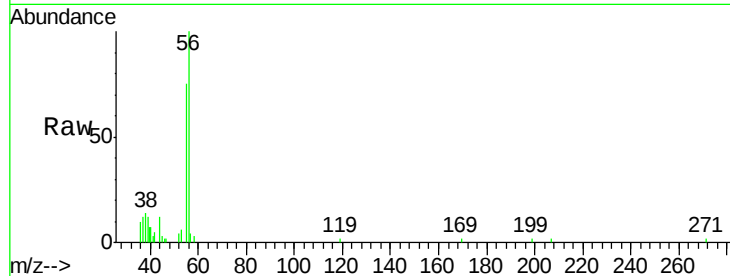
56 100

55 71.7 55.8 83.8

Manual Integrations

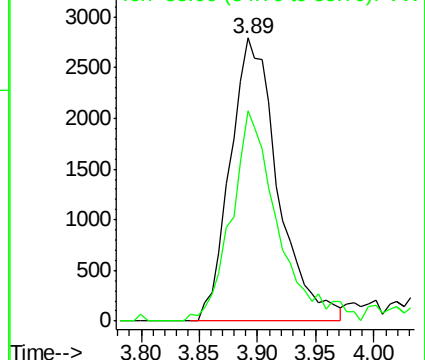
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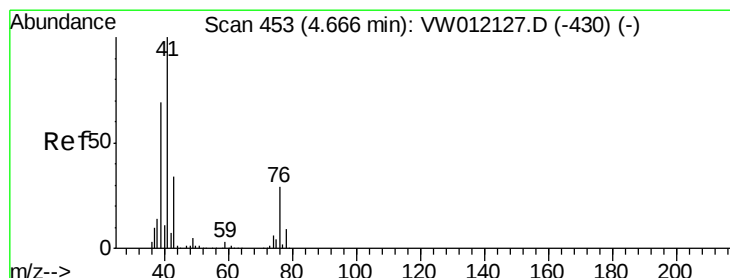
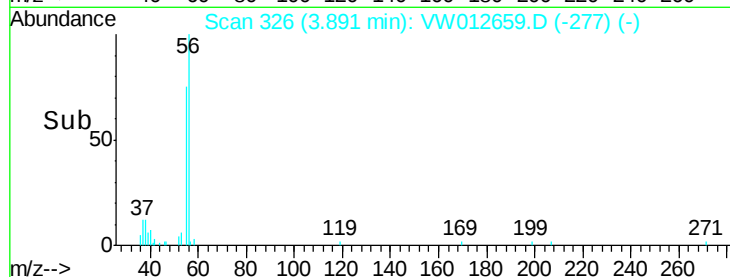


Abundance Ion 56.00 (55.70 to 56.70): VW

Ion 55.00 (54.70 to 55.70): VW



9/6/2019 12:29:45 PM



#14

Allyl chloride

Concen: 19.668 ug/l

RT: 4.66 min Scan# 452

Delta R.T. -0.01 min

Lab File: VW012659.D

Acq: 06 Sep 2019 00:03

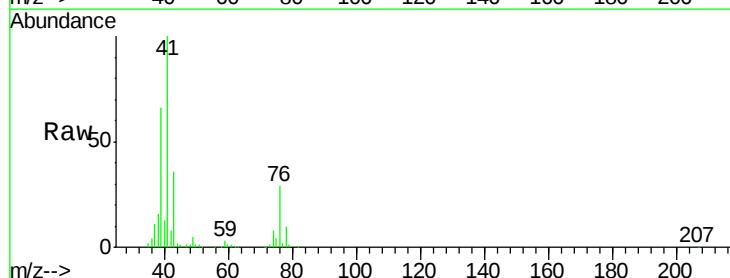
Tgt Ion: 41 Resp: 87201

Ion Ratio Lower Upper

41 100

39 69.0 53.4 80.2

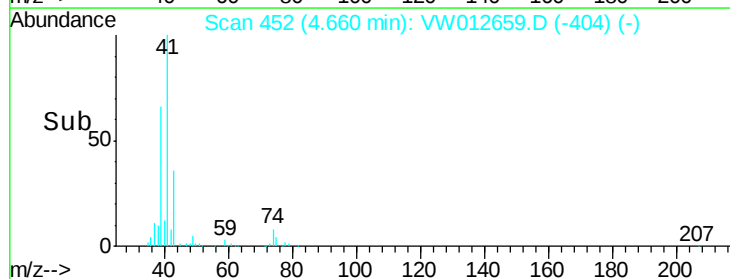
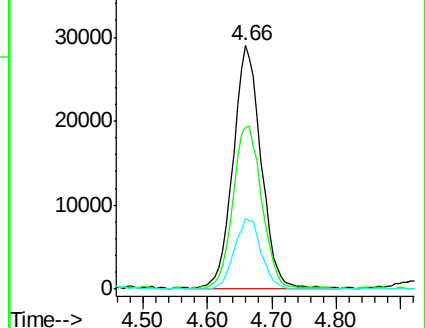
76 28.1 22.1 33.1

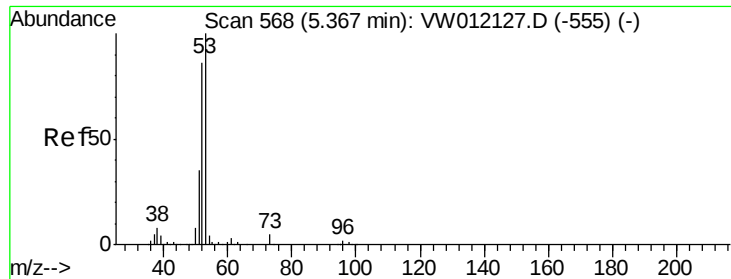


Abundance Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW

Ion 75.90 (75.60 to 76.60): VW





#15

Acrylonitrile

Concen: 125.269 ug/l

RT: 5.37 min Scan# 568

Delta R.T. 0.00 min

Lab File: VW012659.D

Acq: 06 Sep 2019 00:03

Instrument :

MSVOA_W

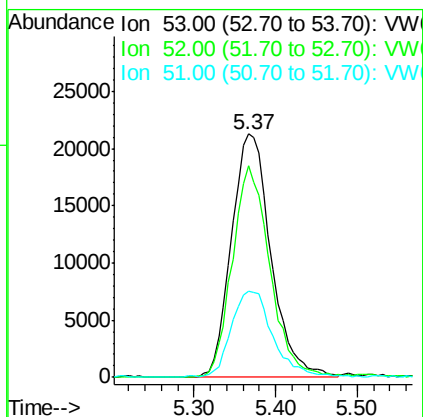
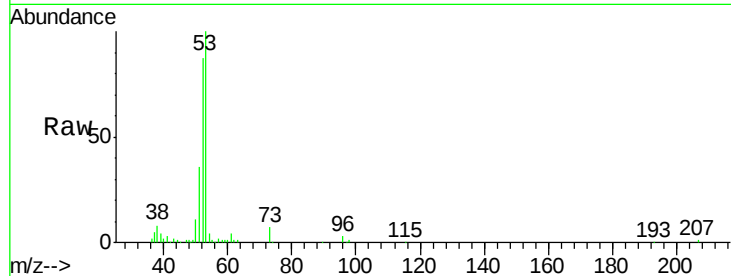
ClientSampleId :

VW0905SBS04

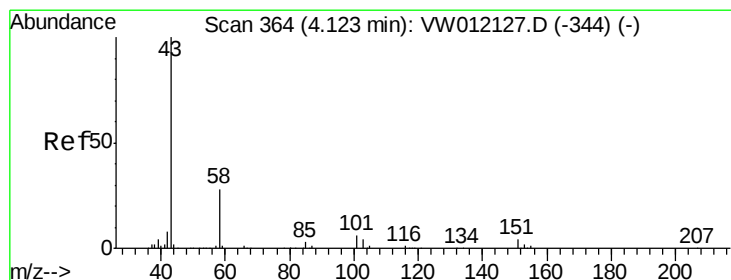
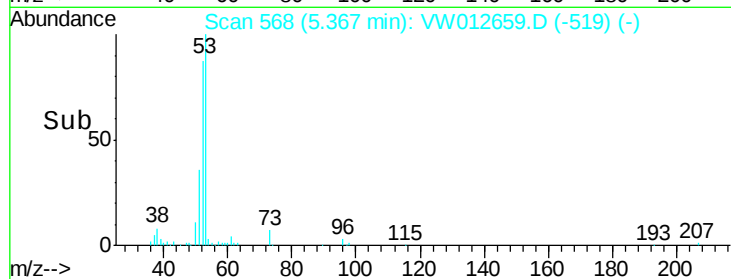
Tot Ion:	53	Resp:	71444
Ion	Ratio	Lower	Upper
53	100		
52	82.8	66.7	100.1
51	37.8	30.1	45.1

Manual Integrations
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9/6/2019 12:29:45 PM



#16

Acetone

Concen: 97.792 ug/l

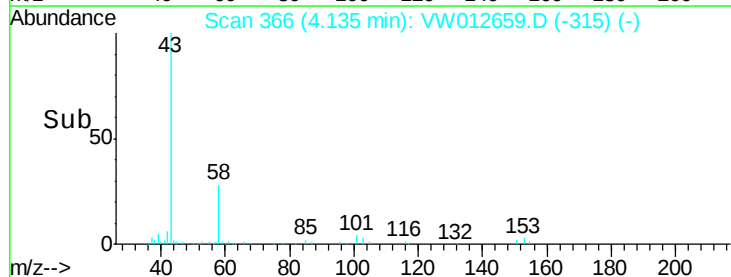
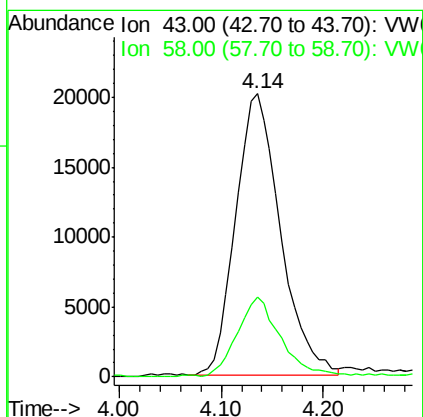
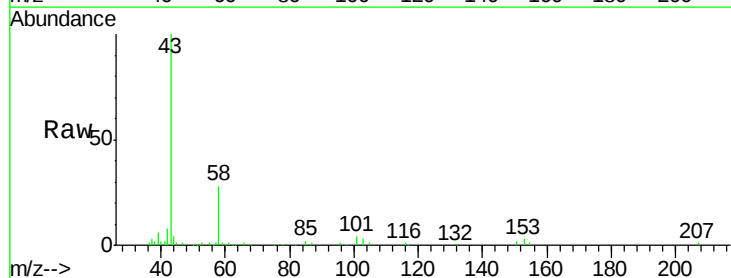
RT: 4.14 min Scan# 366

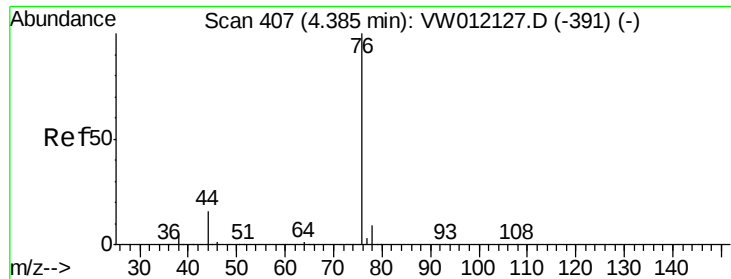
Delta R.T. 0.01 min

Lab File: VW012659.D

Acq: 06 Sep 2019 00:03

Tgt Ion:	43	Resp:	61442
Ion	Ratio	Lower	Upper
43	100		
58	27.8	22.4	33.6





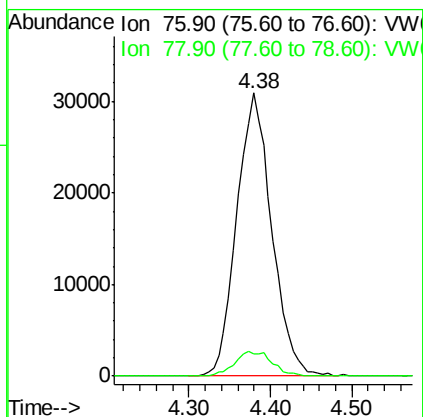
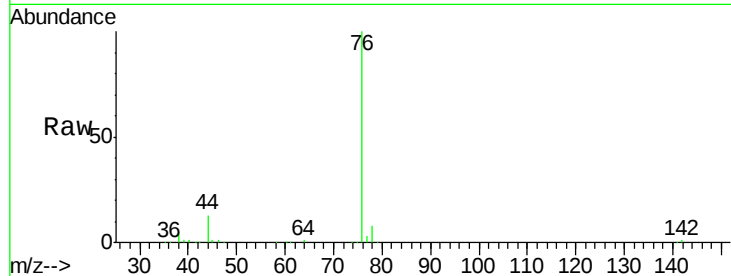
#17
Carbon Disulfide
Concen: 14.668 ug/l
RT: 4.38 min Scan# 406
Delta R.T. -0.01 min
Lab File: VW012659.D
Acq: 06 Sep 2019 00:03

Instrument :
MSVOA_W
ClientSampleId :
VW0905SBS04

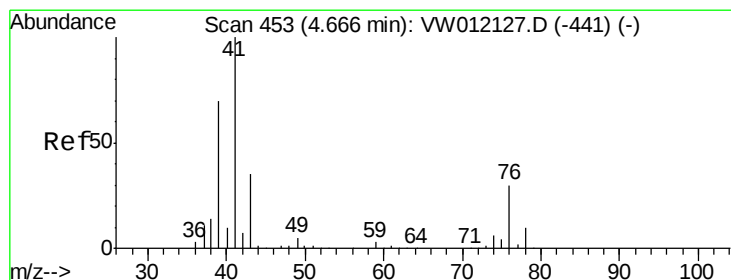
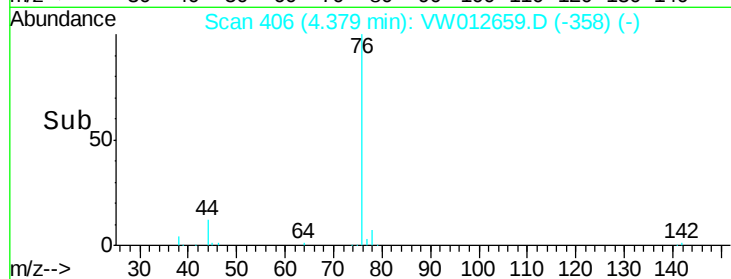
Tot Ion	Ratio	Lower	Upper
76	100		
78	7.9	7.3	10.9

Manual Integrations
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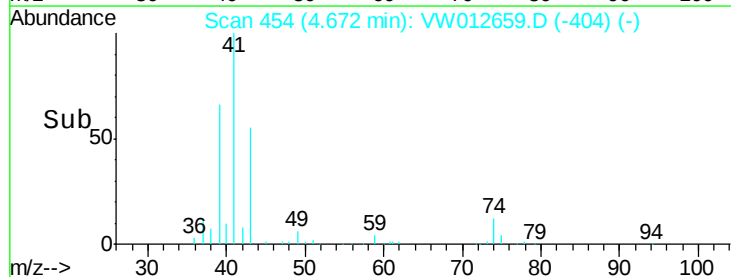
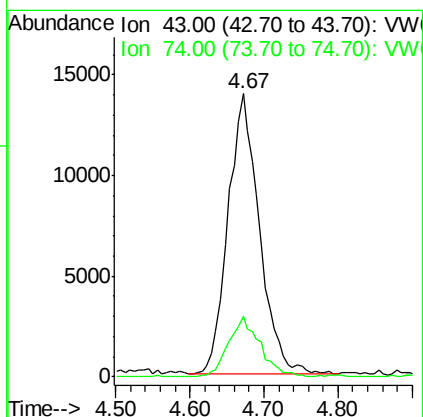
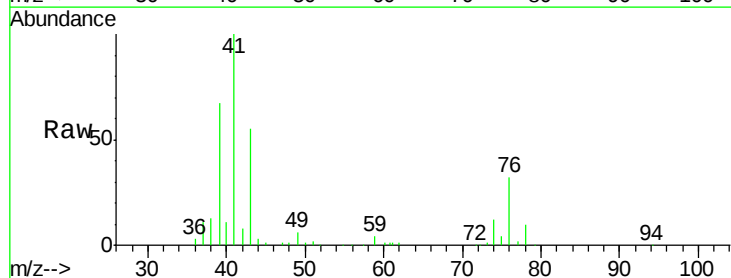


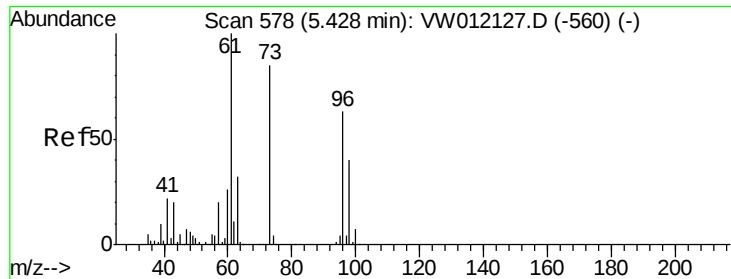
9/6/2019 12:29:45 PM



#18
Methyl Acetate
Concen: 26.507 ug/l
RT: 4.67 min Scan# 454
Delta R.T. 0.01 min
Lab File: VW012659.D
Acq: 06 Sep 2019 00:03

Tgt Ion	Ratio	Lower	Upper
43	100		
74	21.5	15.7	23.5





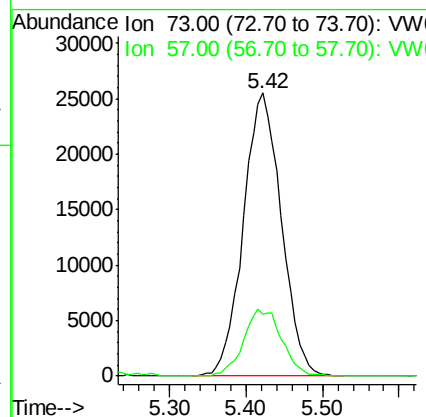
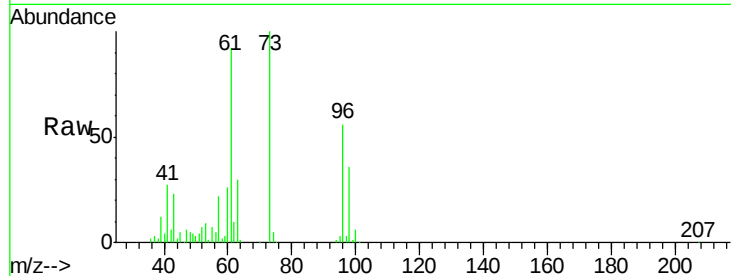
#19
Methyl tert-butyl Ether
Concen: 26.287 ug/l
RT: 5.42 min Scan# 577
Delta R.T. -0.01 min
Lab File: VW012659.D
Acq: 06 Sep 2019 00:03

Instrument :
MSVOA_W
ClientSampled :
VW0905SBS04

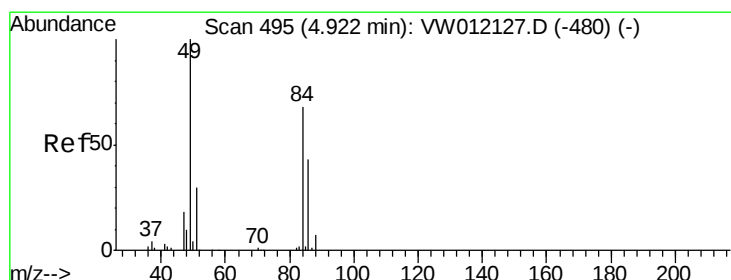
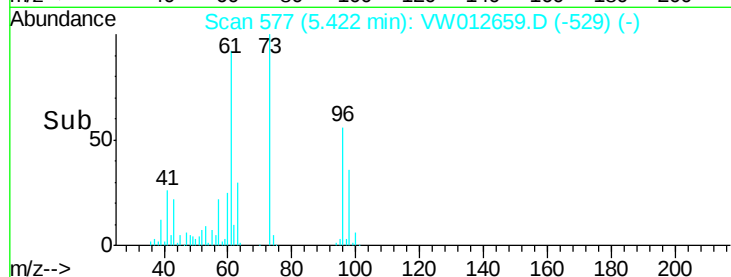
Tot Ion	Ratio	Lower	Upper
73	100		
57	22.0	18.9	28.3

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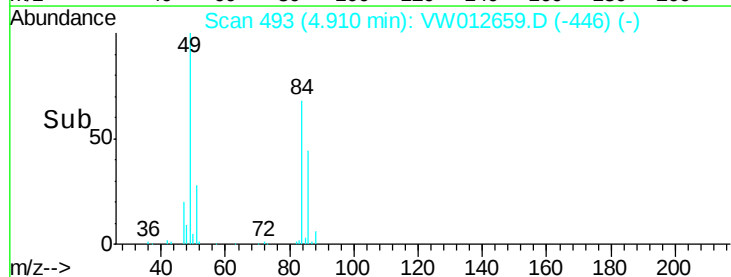
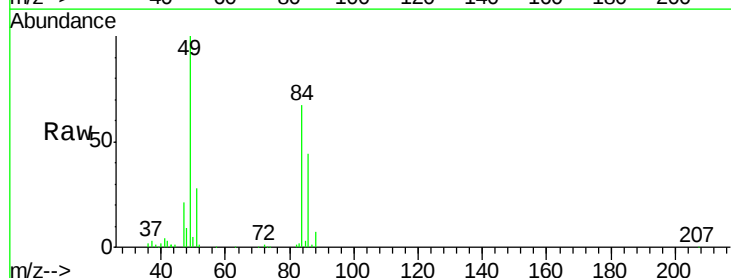
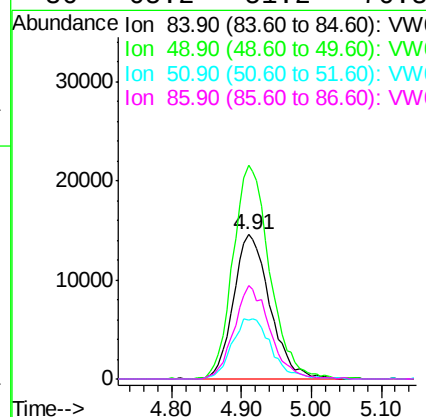


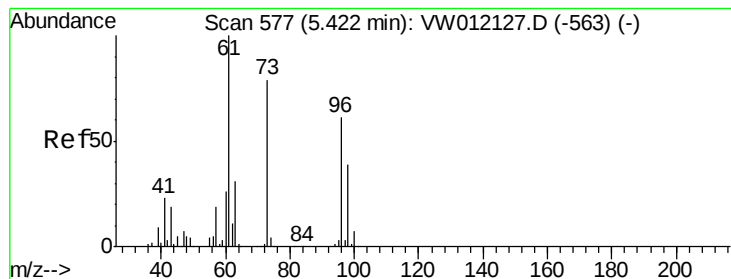
9/6/2019 12:29:45 PM



#20
Methylene Chloride
Concen: 22.268 ug/l
RT: 4.91 min Scan# 493
Delta R.T. -0.01 min
Lab File: VW012659.D
Acq: 06 Sep 2019 00:03

Tgt Ion	Ratio	Lower	Upper
84	100		
49	148.2	117.8	176.8
51	41.3	35.6	53.4
86	65.2	51.2	76.8





#21

trans-1,2-Dichloroethene

Concen: 20.609 ug/l

RT: 5.42 min Scan# 576

Delta R.T. -0.01 min

Lab File: VW012659.D

Acq: 06 Sep 2019 00:03

Instrument :

MSVOA_W

ClientSampleId :

VW0905SBS04

Tot Ion: 96 Resp: 45834

Ion Ratio Lower Upper

96 100

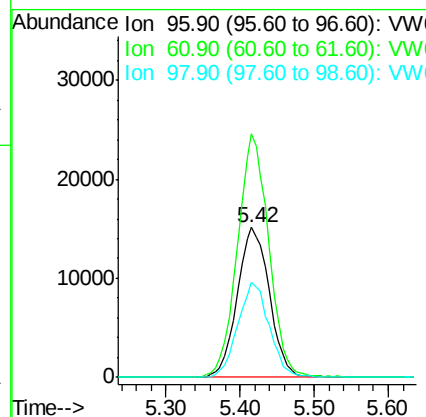
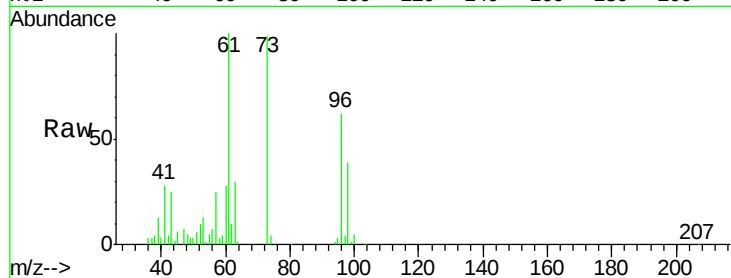
61 162.5 131.4 197.0

98 63.4 51.4 77.0

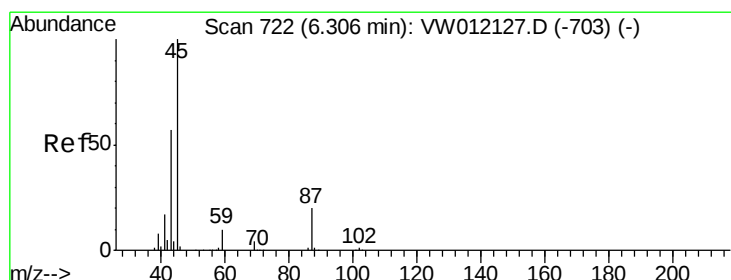
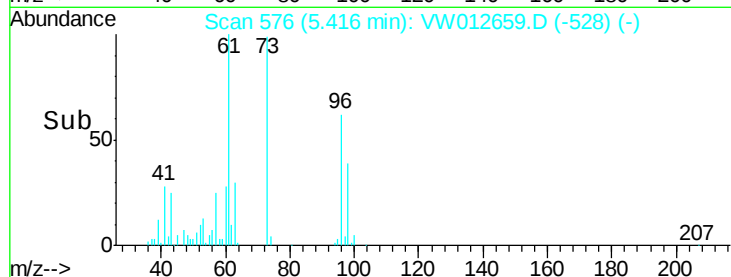
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9/6/2019 12:29:45 PM



#22

Diisopropyl ether

Concen: 23.409 ug/l

RT: 6.31 min Scan# 722

Delta R.T. 0.00 min

Lab File: VW012659.D

Acq: 06 Sep 2019 00:03

Tgt Ion: 45 Resp: 192382

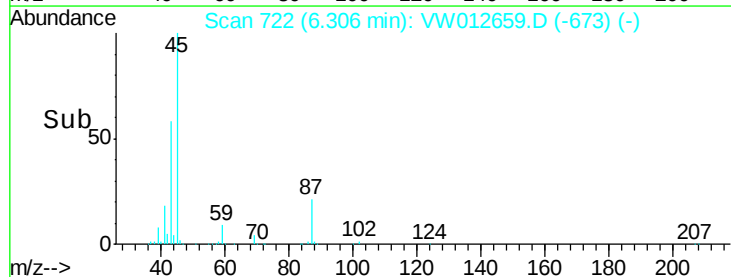
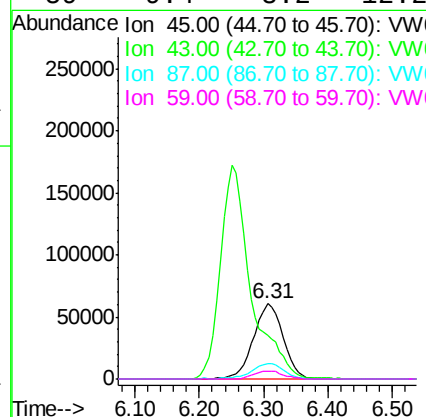
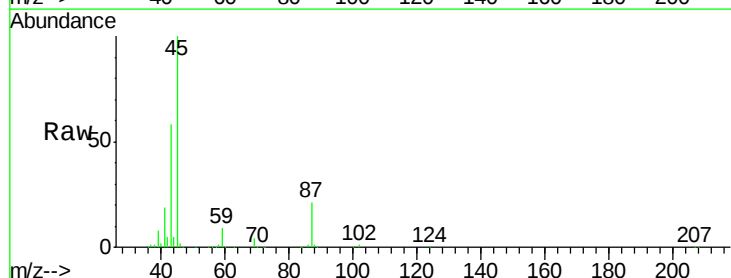
Ion Ratio Lower Upper

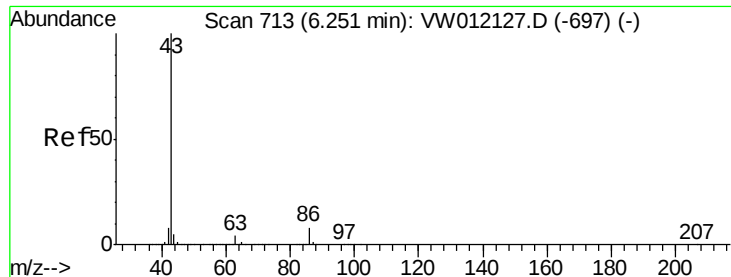
45 100

43 57.8 45.5 68.3

87 20.7 16.1 24.1

59 9.4 8.2 12.2





#23

Vinyl Acetate

Concen: 113.058 ug/l

RT: 6.25 min Scan# 713

Delta R.T. 0.00 min

Lab File: VW012659.D

Acq: 06 Sep 2019 00:03

Instrument :

MSVOA_W

ClientSampleId :

VW0905SBS04

Tot Ion: 43 Resp: 571817

Ion Ratio Lower Upper

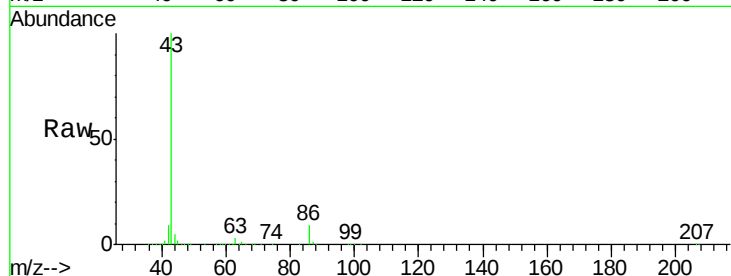
43 100

86 8.6 6.5 9.7

Manual Integrations

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Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 86.00 (85.70 to 86.70): VW

6.25

200000

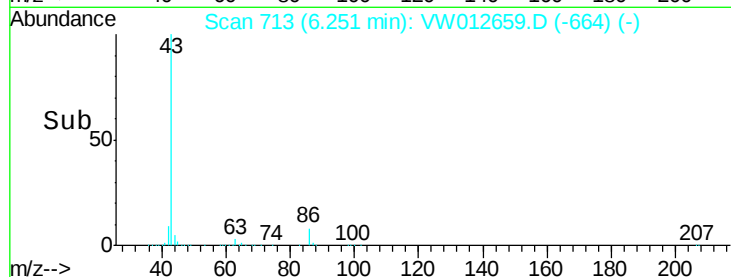
150000

100000

50000

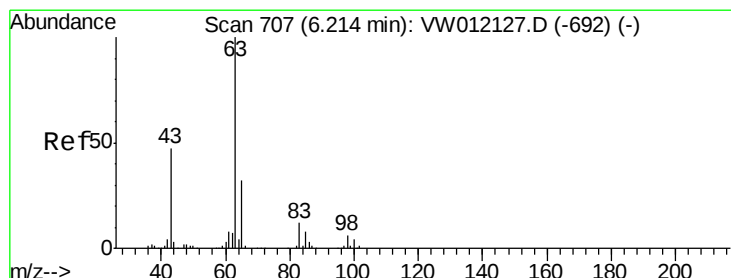
0

Time-->



Time-->

9/6/2019 12:29:45 PM



#24

1,1-Dichloroethane

Concen: 22.297 ug/l

RT: 6.21 min Scan# 706

Delta R.T. -0.01 min

Lab File: VW012659.D

Acq: 06 Sep 2019 00:03

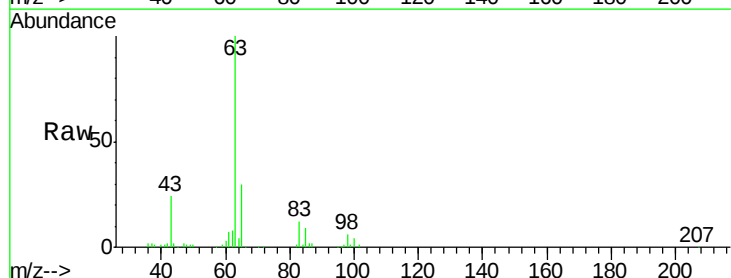
Tgt Ion: 63 Resp: 99774

Ion Ratio Lower Upper

63 100

98 6.1 3.0 9.2

100 3.9 2.0 6.0



Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 97.90 (97.60 to 98.60): VW

Ion 99.90 (99.60 to 100.60): VW

40000

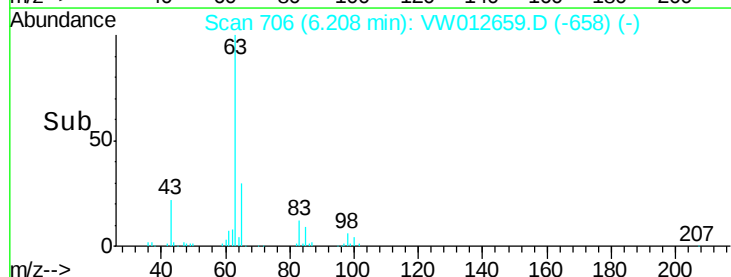
30000

20000

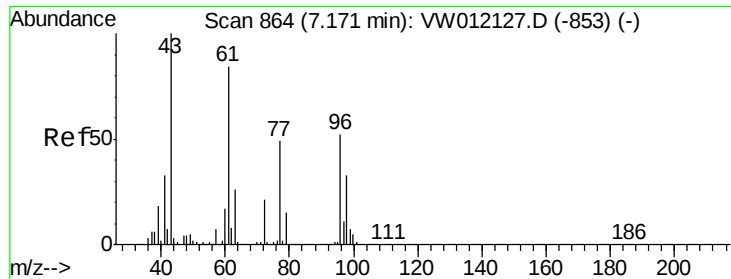
10000

0

Time-->



Time-->



#25

2-Butanone

Concen: 114.364 ug/l

RT: 7.17 min Scan# 864

Delta R.T. 0.00 min

Lab File: VW012659.D

Acq: 06 Sep 2019 00:03

Instrument :

MSVOA_W

ClientSampleId :

VW0905SBS04

Tot Ion: 43 Resp: 97641

Ion Ratio Lower Upper

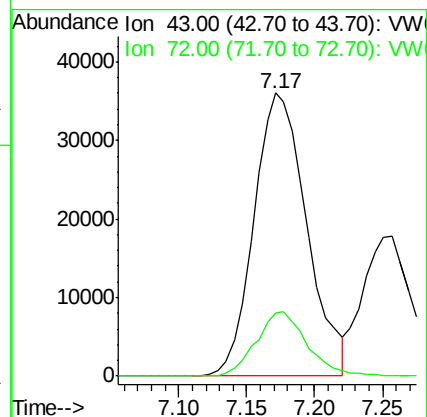
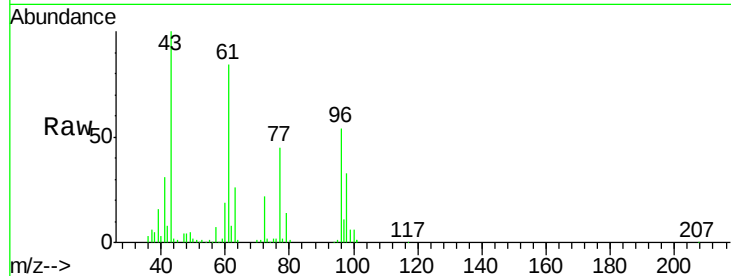
43 100

72 22.1 16.6 24.8

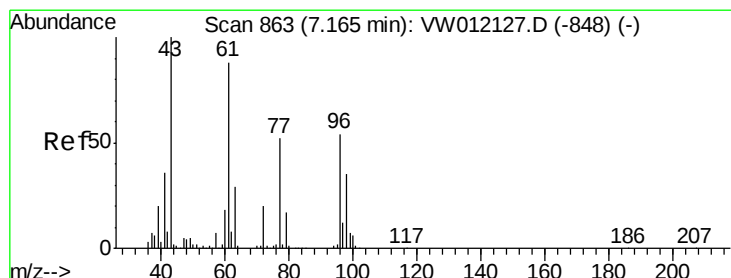
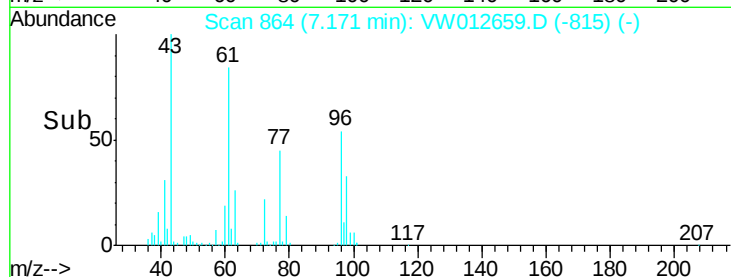
Manual Integrations

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9/6/2019 12:29:45 PM



#26

2,2-Dichloropropane

Concen: 21.130 ug/l

RT: 7.17 min Scan# 863

Delta R.T. 0.00 min

Lab File: VW012659.D

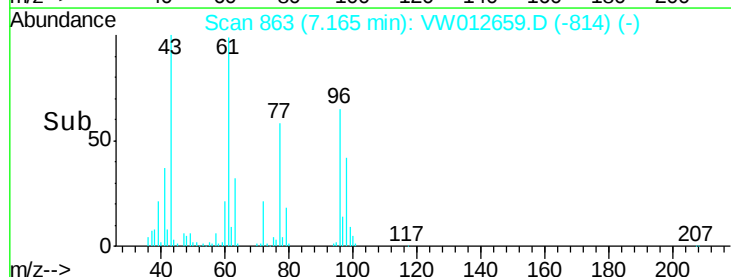
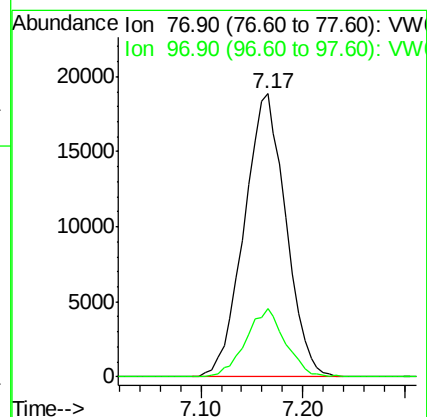
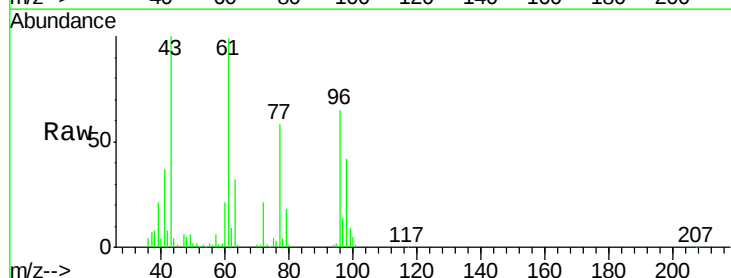
Acq: 06 Sep 2019 00:03

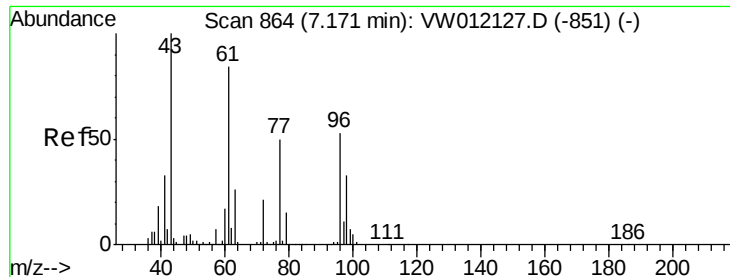
Tgt Ion: 77 Resp: 53518

Ion Ratio Lower Upper

77 100

97 22.8 11.1 33.1





#27

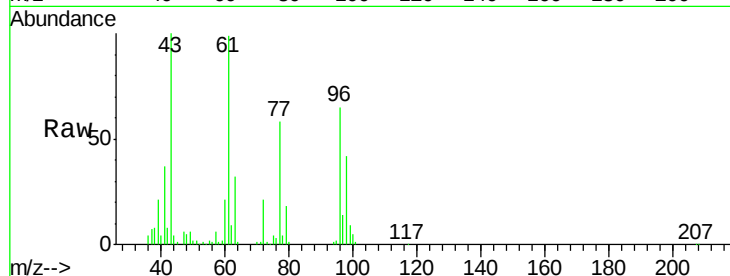
cis-1,2-Dichloroethene
Concen: 22.621 ug/l
RT: 7.17 min Scan# 863
Delta R.T. -0.01 min
Lab File: VW012659.D
Acq: 06 Sep 2019 00:03

Instrument :
MSVOA_W
ClientSampleId :
VW0905SBS04

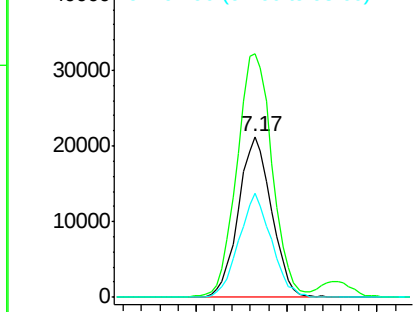
Tot Ion	Ratio	Resp	Lower	Upper
96	100	53750		
61	160.9		0.0	326.6
98	63.8		0.0	127.4

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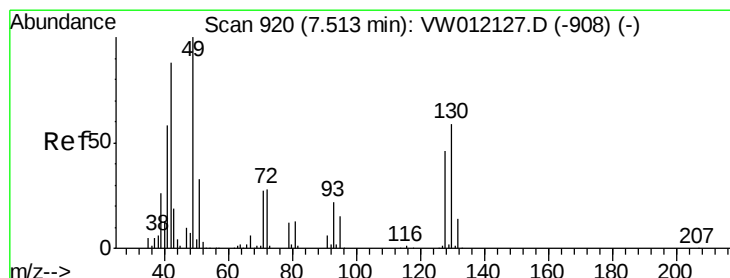
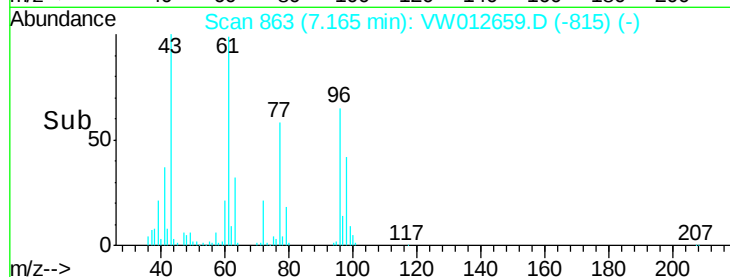
MMDadoda



Abundance Ion 95.90 (95.60 to 96.60): VW
Ion 60.90 (60.60 to 61.60): VW
Ion 97.90 (97.60 to 98.60): VW



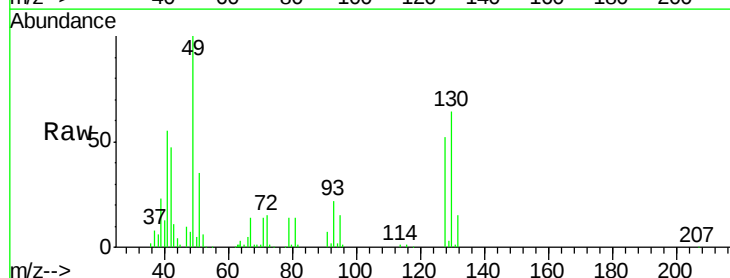
9/6/2019 12:29:45 PM



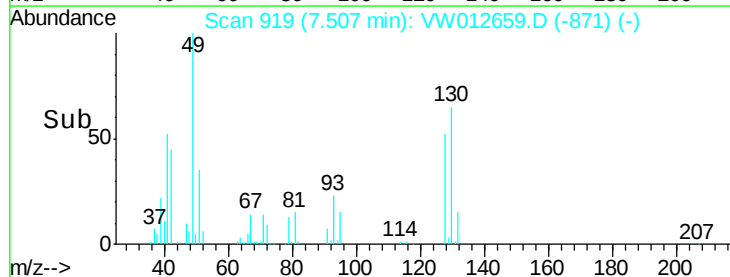
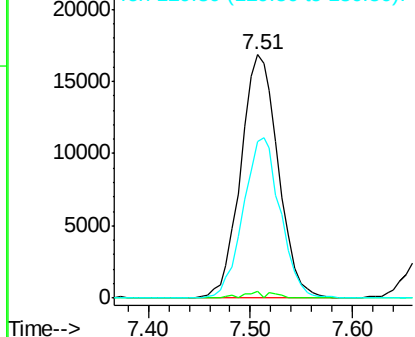
#28

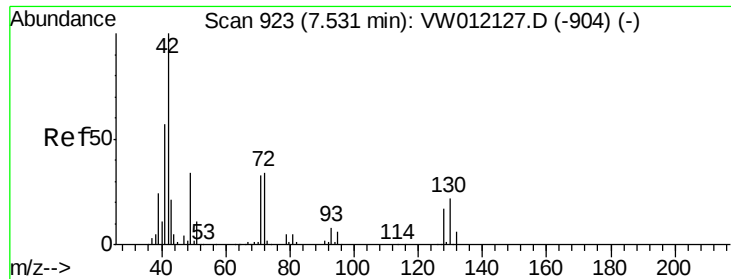
Bromochloromethane
Concen: 22.034 ug/l
RT: 7.51 min Scan# 919
Delta R.T. -0.01 min
Lab File: VW012659.D
Acq: 06 Sep 2019 00:03

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	42973		
129	1.1		0.0	1.4
130	65.0		45.5	68.3



Abundance Ion 48.90 (48.60 to 49.60): VW
Ion 128.80 (128.50 to 129.50): V
Ion 129.80 (129.50 to 130.50): V





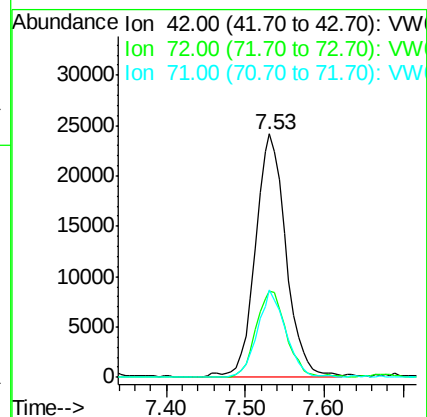
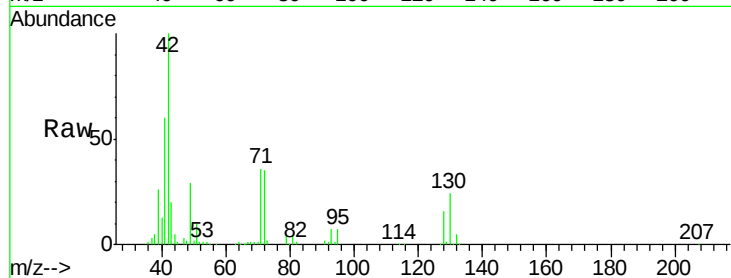
#29
Tetrahydrofuran
Concen: 127.452 ug/l
RT: 7.53 min Scan# 923
Delta R.T. 0.00 min
Lab File: VW012659.D
Acq: 06 Sep 2019 00:03

Instrument :
MSVOA_W
ClientSampleId :
VW0905SBS04

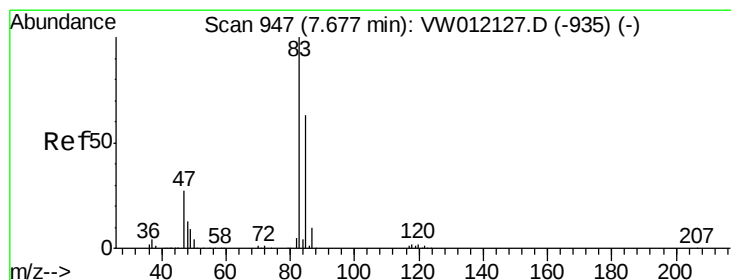
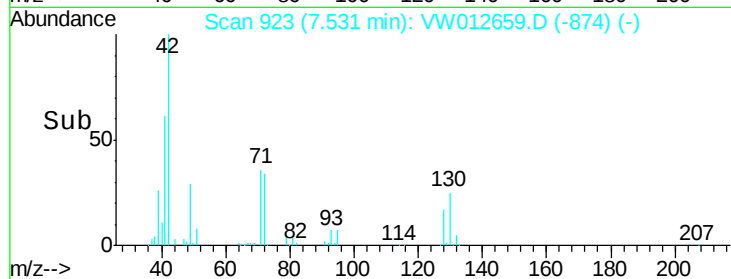
Tot Ion	Ratio	Lower	Upper
42	100		
72	34.8	27.3	40.9
71	33.3	25.5	38.3

Manual Integrations
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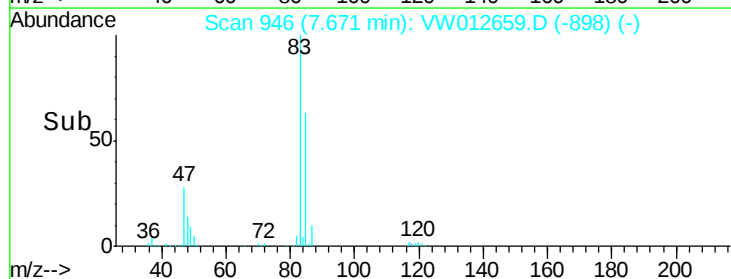
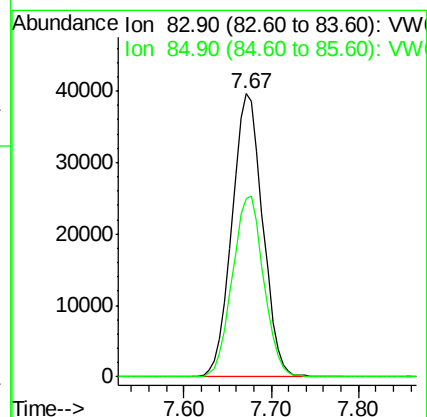
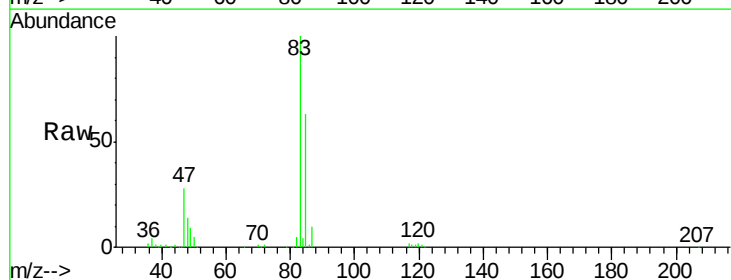


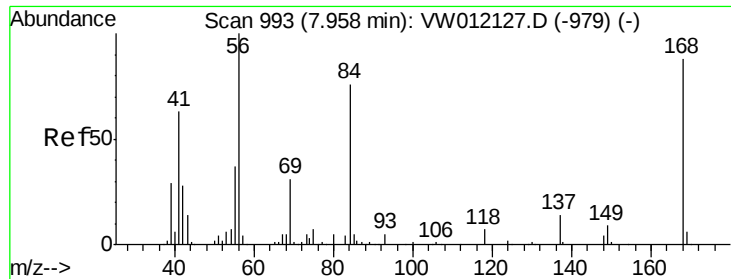
9/6/2019 12:29:45 PM



#30
Chloroform
Concen: 23.642 ug/l
RT: 7.67 min Scan# 946
Delta R.T. -0.01 min
Lab File: VW012659.D
Acq: 06 Sep 2019 00:03

Tgt Ion	Ratio	Lower	Upper
83	100		
85	62.9	50.6	76.0





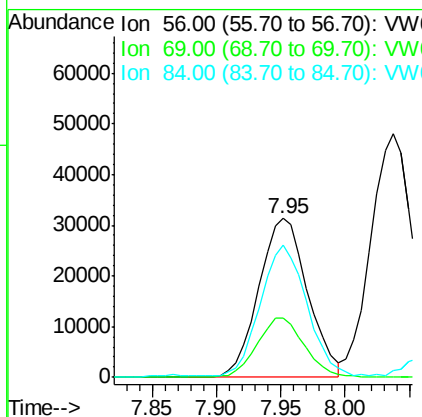
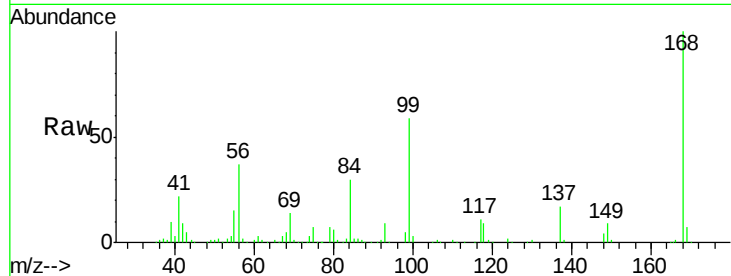
#31
Cyclohexane
Concen: 18.666 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.01 min
Lab File: VW012659.D
Acq: 06 Sep 2019 00:03

Instrument :
MSVOA_W
ClientSampled :
VW0905SBS04

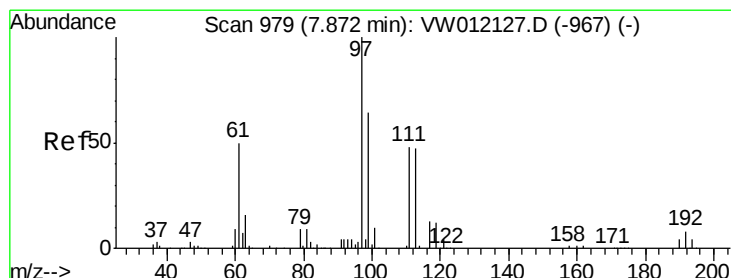
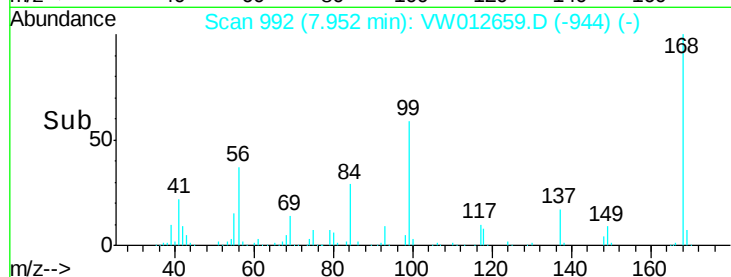
Tot Ion	Ratio	Lower	Upper
56	100		
69	37.4	24.9	37.3#
84	82.1	60.6	90.8

Manual Integrations
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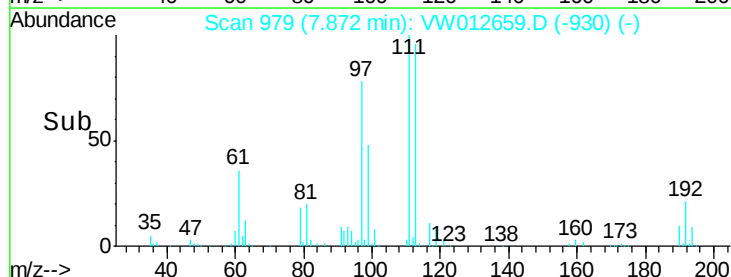
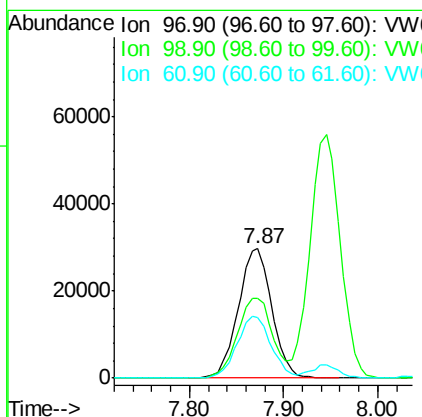
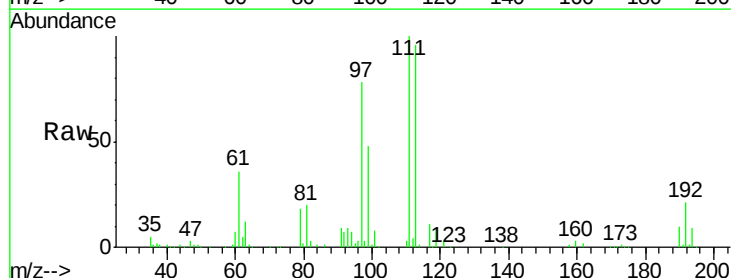


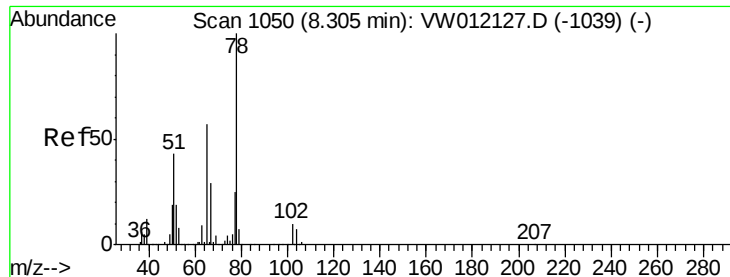
9/6/2019 12:29:45 PM



#32
1,1,1-Trichloroethane
Concen: 22.841 ug/l
RT: 7.87 min Scan# 979
Delta R.T. 0.00 min
Lab File: VW012659.D
Acq: 06 Sep 2019 00:03

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.4	51.4	77.0
61	48.3	39.5	59.3





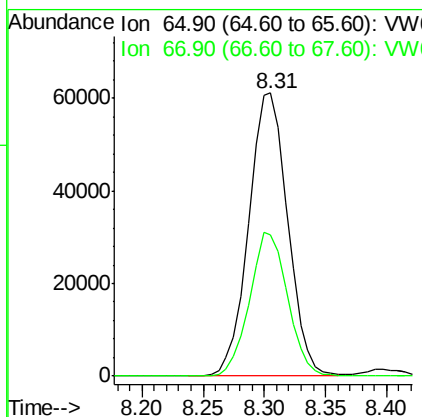
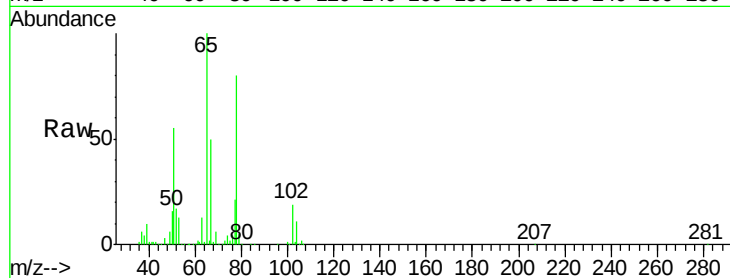
#33
 1,2-Dichloroethane-d4
 Concen: 55.164 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. 0.00 min
 Lab File: VW012659.D
 Acq: 06 Sep 2019 00:03

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0905SBS04

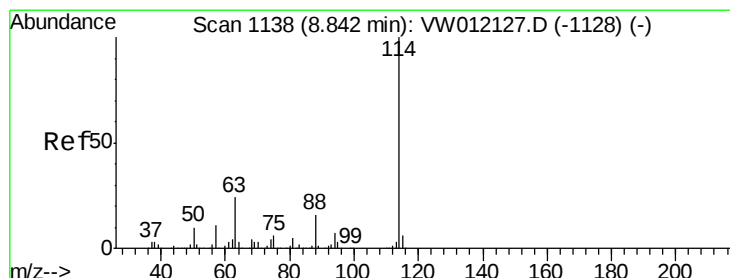
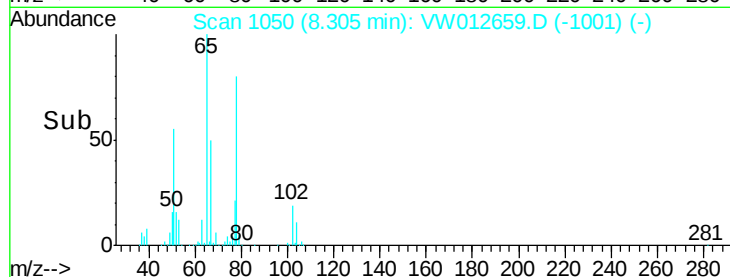
Tot Ion	Ratio	Resp	Lower	Upper
65	100			
67	49.7	0.0	102.6	

Manual Integrations
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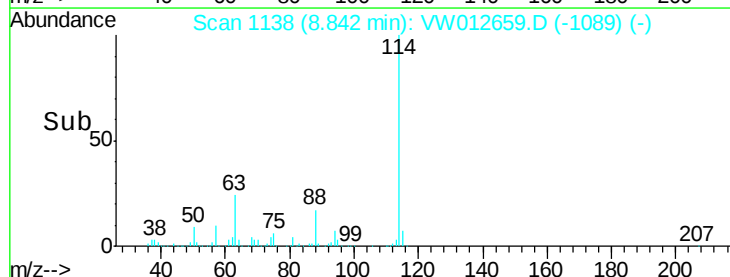
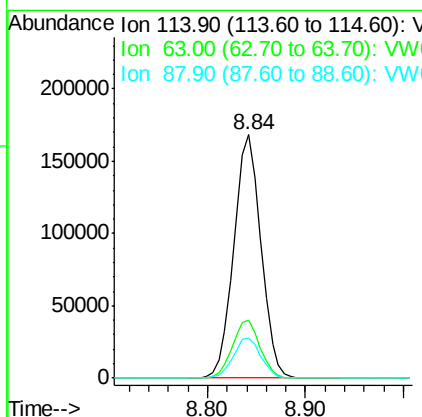
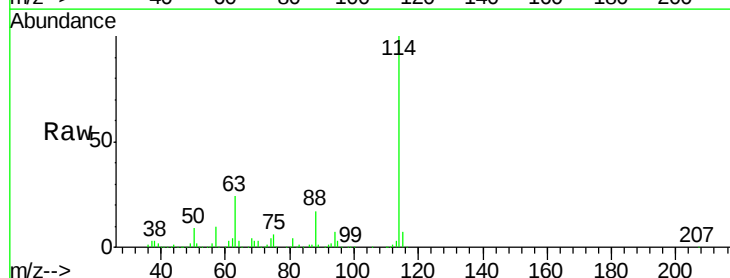


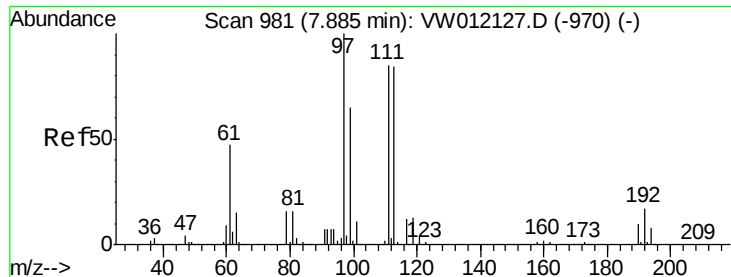
9/6/2019 12:29:45 PM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW012659.D
 Acq: 06 Sep 2019 00:03

Tgt Ion	Ratio	Resp	Lower	Upper
114	100			
63	23.6	0.0	48.6	
88	16.7	0.0	32.2	





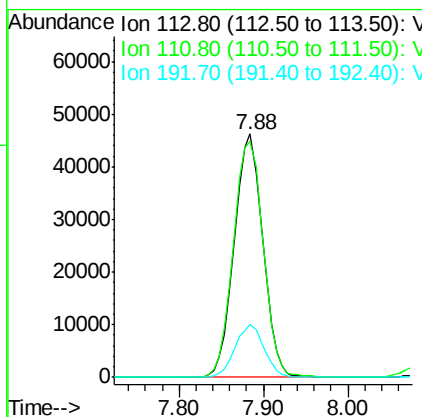
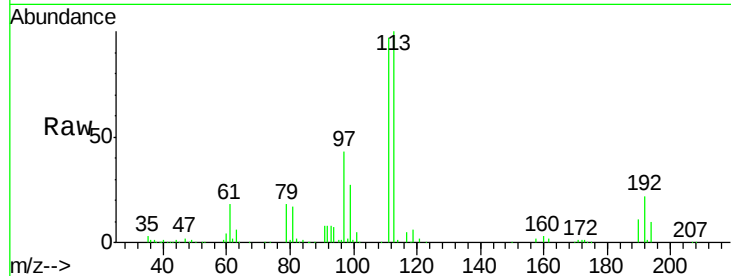
#35
 Dibromofluoromethane
 Concen: 54.934 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. 0.00 min
 Lab File: VW012659.D
 Acq: 06 Sep 2019 00:03

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0905SBS04

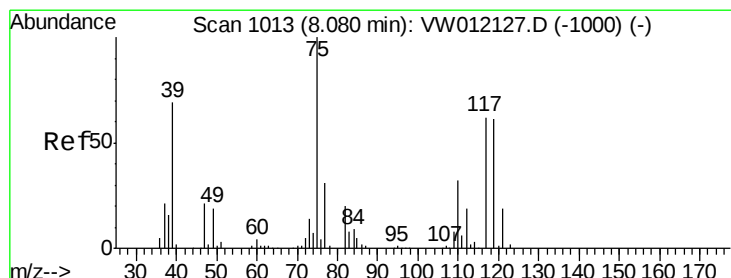
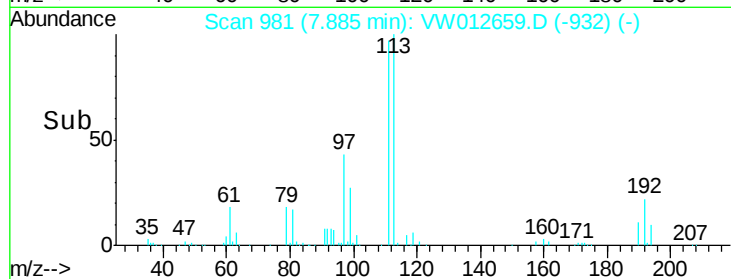
Tot Ion	Ratio	Resp	Lower	Upper
113	100	106292		
111	101.4	82.7	124.1	
192	21.7	16.2	24.2	

Manual Integrations
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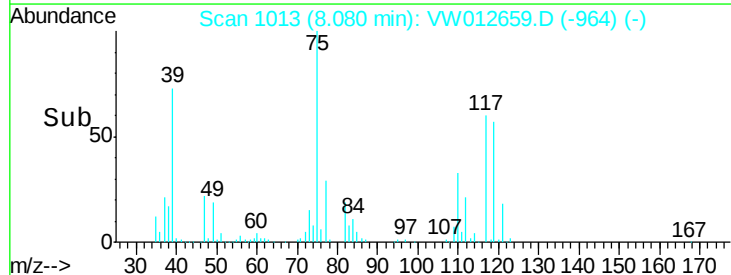
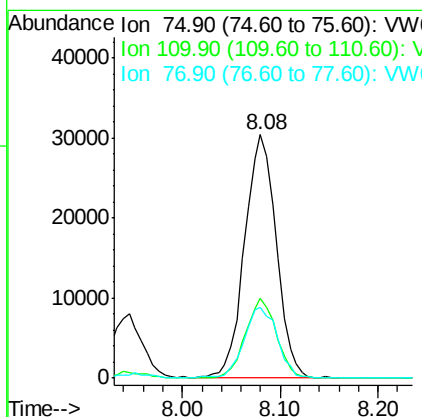
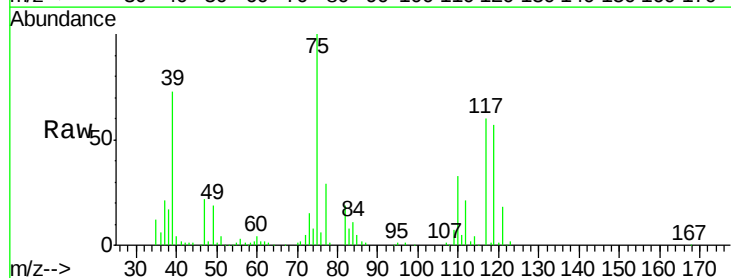


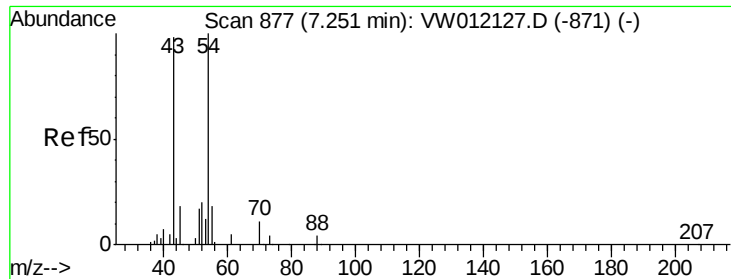
9/6/2019 12:29:45 PM



#36
 1,1-Dichloropropene
 Concen: 20.422 ug/l
 RT: 8.08 min Scan# 1013
 Delta R.T. 0.00 min
 Lab File: VW012659.D
 Acq: 06 Sep 2019 00:03

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	68410		
110	31.9	15.6	46.8	
77	30.9	24.6	36.8	





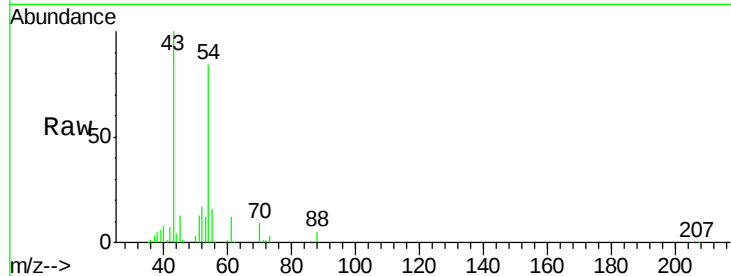
#37
Ethyl Acetate
Concen: 25.354 ug/l
RT: 7.26 min Scan# 878
Delta R.T. 0.01 min
Lab File: VW012659.D
Acq: 06 Sep 2019 00:03

Instrument :
MSVOA_W
ClientSampleId :
VW0905SBS04

Tot Ion	Ratio	Resp	Lower	Upper
43	100	46541		
61	12.3		9.2	13.8
70	8.9		6.9	10.3

Manual Integrations
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MMDadoda

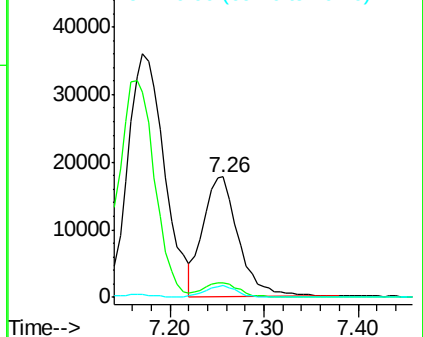


Abundance

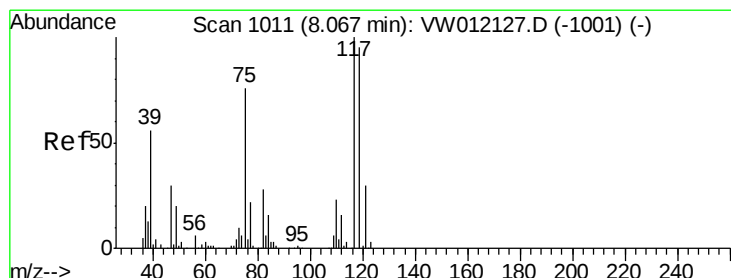
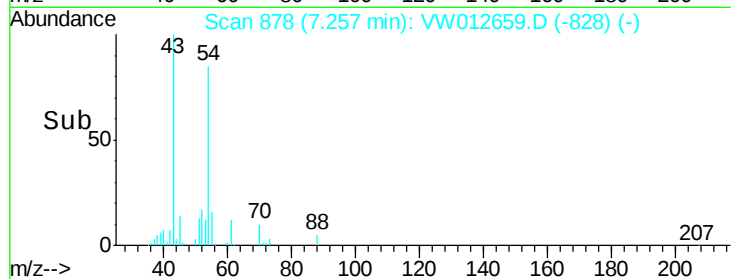
Ion 43.00 (42.70 to 43.70): VW

Ion 60.90 (60.60 to 61.60): VW

Ion 70.00 (69.70 to 70.70): VW

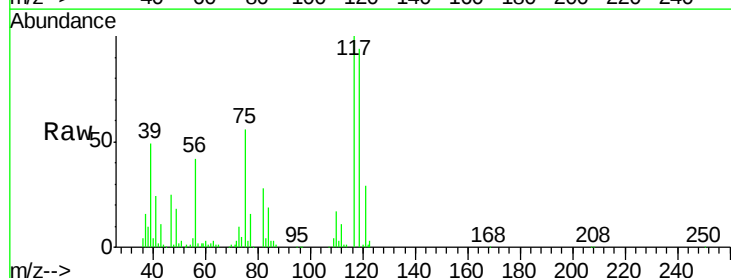


9/6/2019 12:29:45 PM



#38
Carbon Tetrachloride
Concen: 22.379 ug/l
RT: 8.06 min Scan# 1010
Delta R.T. -0.01 min
Lab File: VW012659.D
Acq: 06 Sep 2019 00:03

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	64885		
119	93.8		76.2	114.2
121	28.6		23.8	35.8

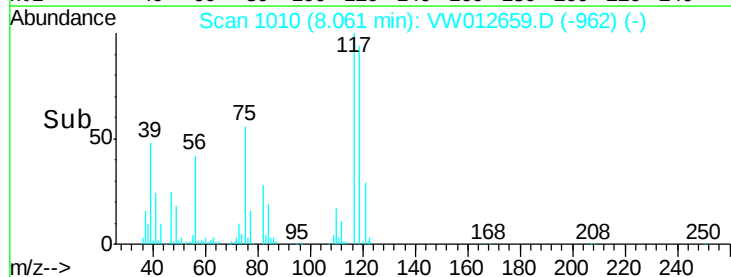
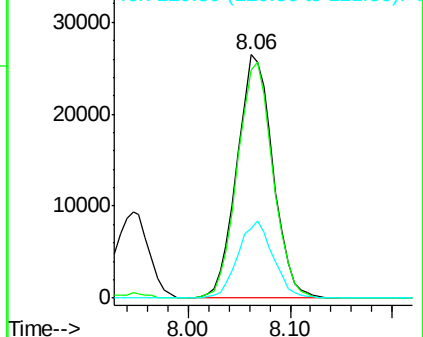


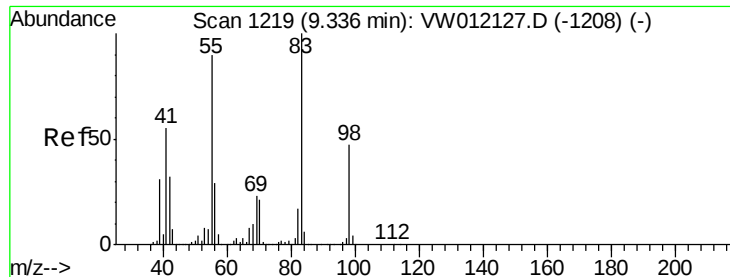
Abundance

Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V





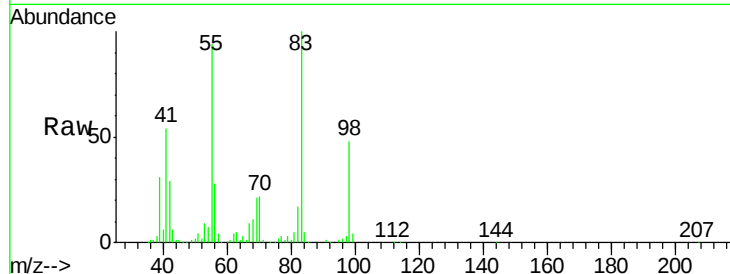
#39
Methvlcvclohexane
Concen: 19.192 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. 0.00 min
Lab File: VW012659.D
Acq: 06 Sep 2019 00:03

Instrument :
MSVOA_W
ClientSampled :
VW0905SBS04

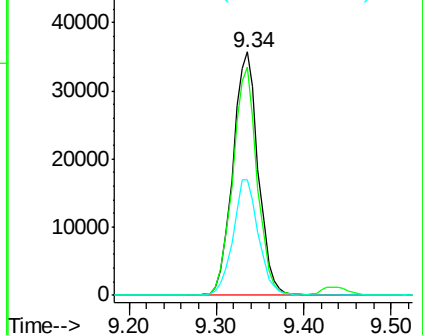
Tot Ion	83	Resp	72222
Ion Ratio	Lower	Upper	
83	100		
55	93.8	71.8	107.8
98	47.5	37.8	56.8

Manual Integrations
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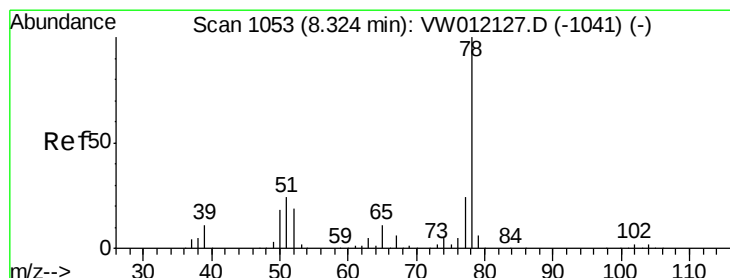
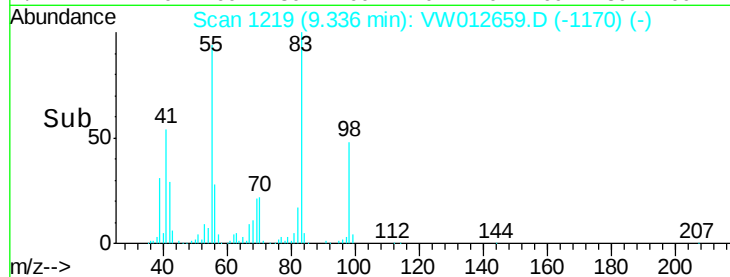
MMDadoda



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

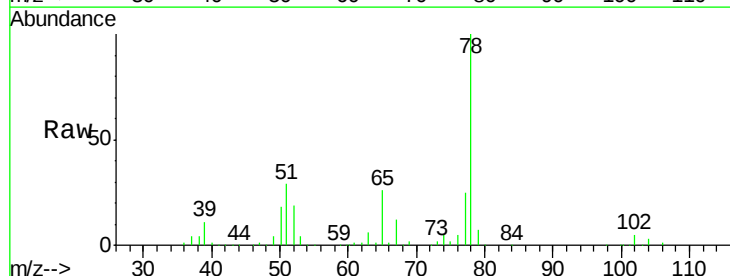


9/6/2019 12:29:45 PM

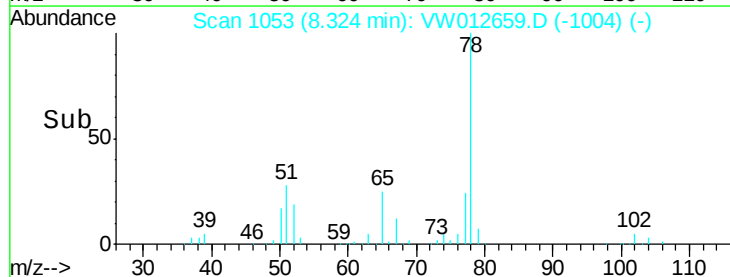
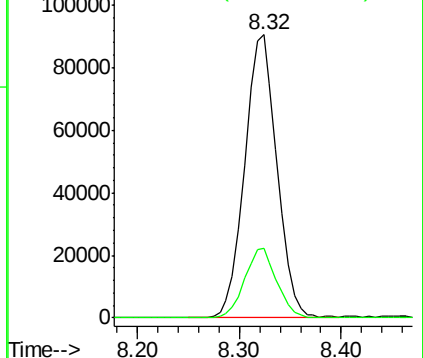


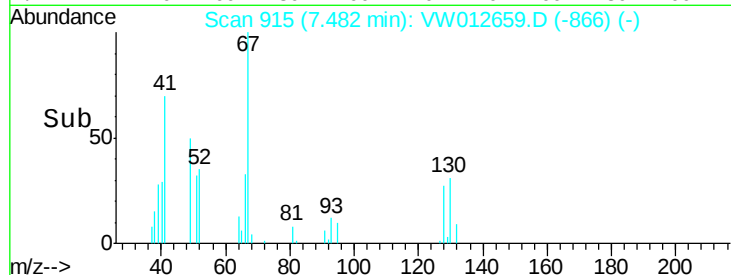
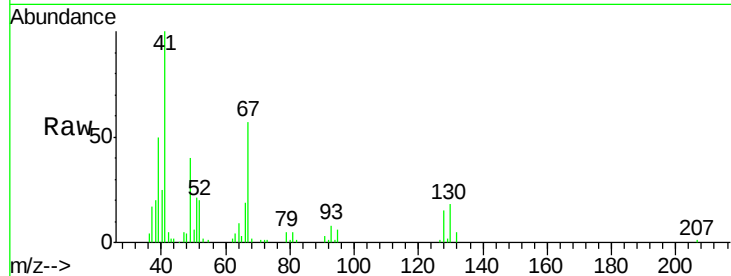
#40
Benzene
Concen: 21.833 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. 0.00 min
Lab File: VW012659.D
Acq: 06 Sep 2019 00:03

Tgt Ion	78	Resp	199707
Ion Ratio	Lower	Upper	
78	100		
77	24.6	19.5	29.3



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





#41
Methacrylonitrile
Concen: 24.893 ug/l
RT: 7.48 min Scan# 915
Delta R.T. 0.00 min
Lab File: VW012659.D
Acq: 06 Sep 2019 00:03

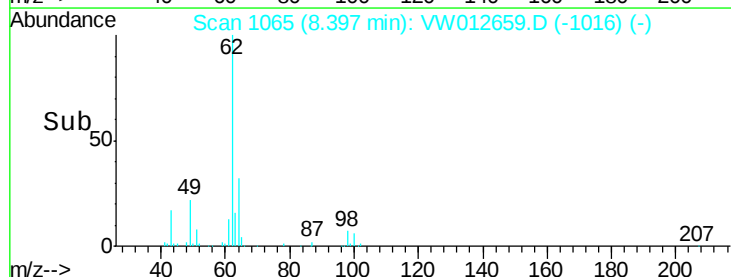
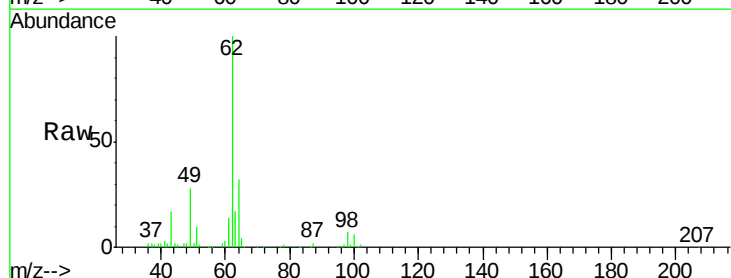
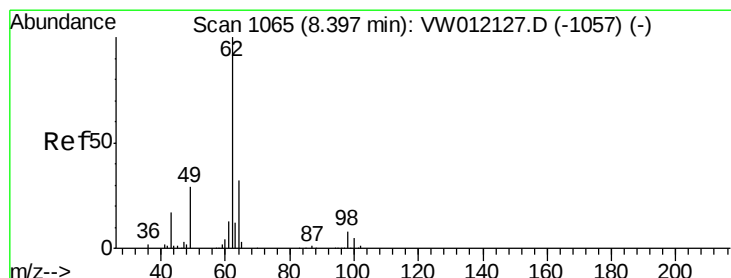
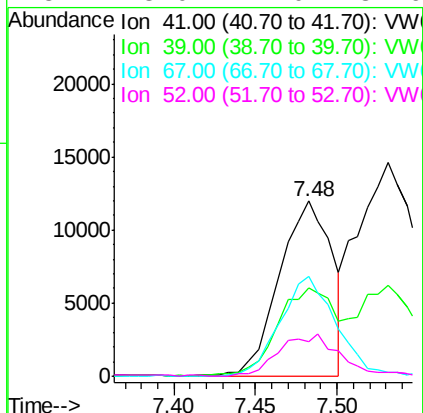
Tot Ion	41	Resp	26856
Ion Ratio	Lower	Upper	
41	100		
39	59.1	45.8	68.8
67	61.6	46.2	69.4
52	28.0	21.0	31.6

Instrument :
MSVOA_W
ClientSampleId :
VW0905SBS04

Manual Integrations
APPROVED

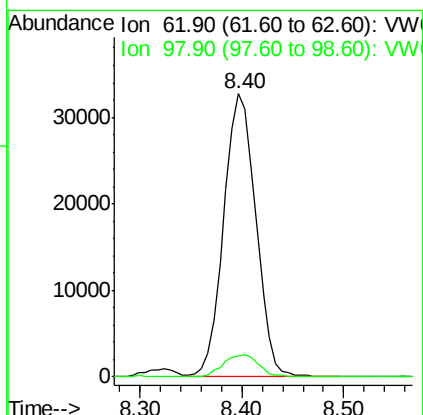
MMDadoda

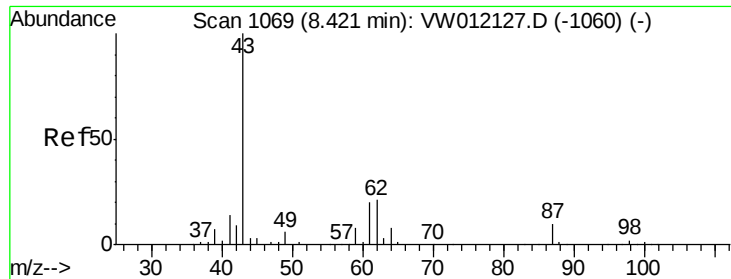
9/6/2019 12:29:45 PM



#42
1,2-Dichloroethane
Concen: 25.033 ug/l
RT: 8.40 min Scan# 1065
Delta R.T. 0.00 min
Lab File: VW012659.D
Acq: 06 Sep 2019 00:03

Tgt Ion	62	Resp	71761
Ion Ratio	Lower	Upper	
62	100		
98	8.5	0.0	16.6





#43

Isopropyl Acetate

Concen: 24.817 ug/l

RT: 8.42 min Scan# 1069

Delta R.T. 0.00 min

Lab File: VW012659.D

Acq: 06 Sep 2019 00:03

Instrument :

MSVOA_W

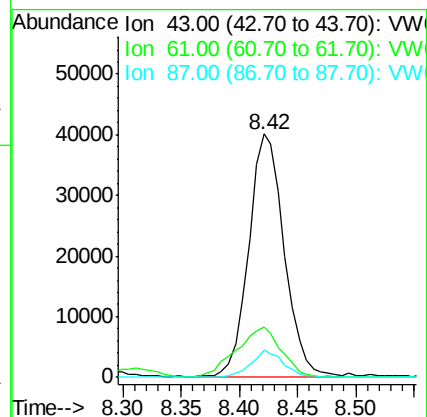
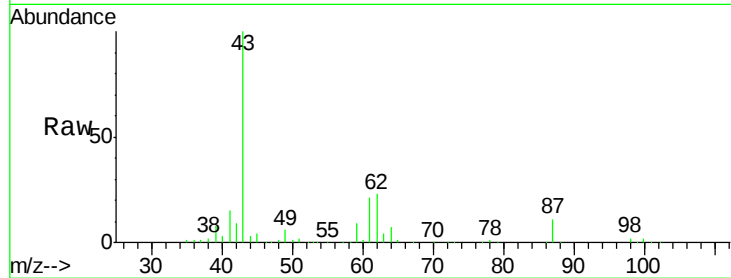
ClientSampleId :

VW0905SBS04

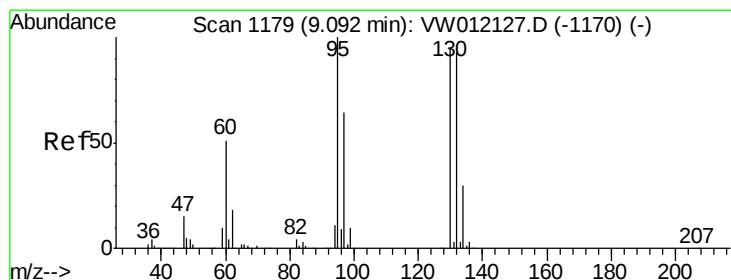
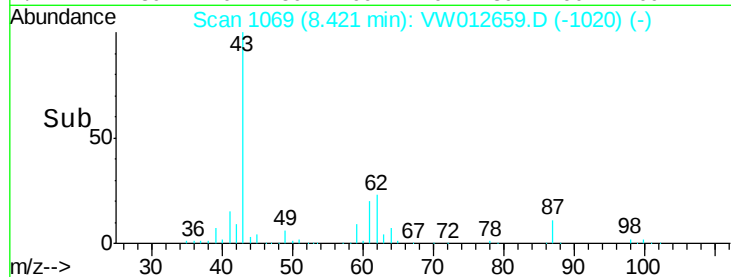
Tot Ion:	43	Resp:	84383
Ion	Ratio	Lower	Upper
43	100		
61	26.5	21.1	31.7
87	10.4	8.2	12.2

Manual Integrations
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9/6/2019 12:29:45 PM



#44

Trichloroethene

Concen: 20.732 ug/l

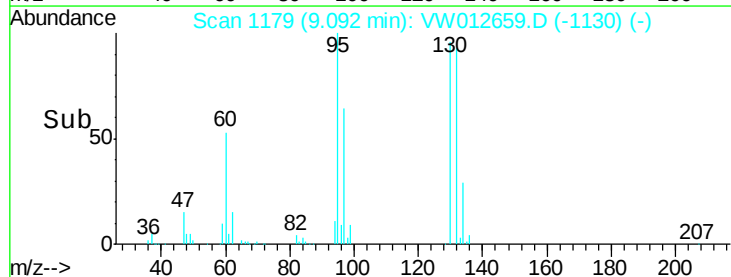
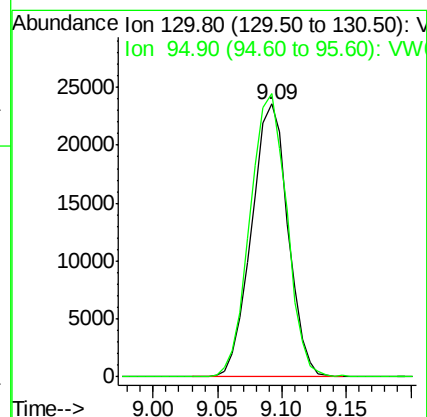
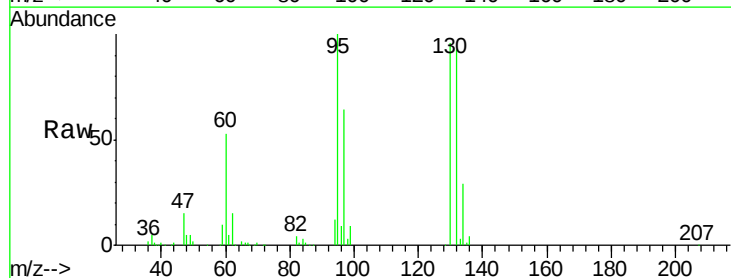
RT: 9.09 min Scan# 1179

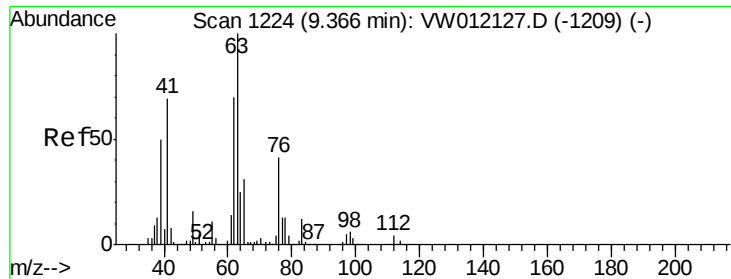
Delta R.T. 0.00 min

Lab File: VW012659.D

Acq: 06 Sep 2019 00:03

Tgt Ion:	130	Resp:	46098
Ion	Ratio	Lower	Upper
130	100		
95	103.8	0.0	210.6





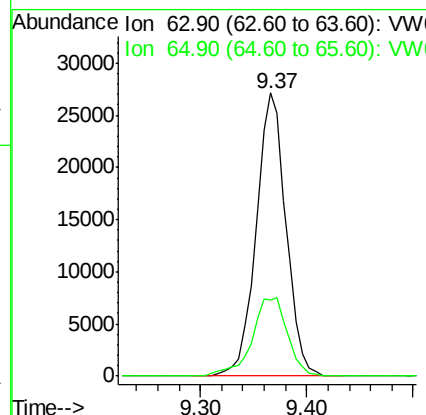
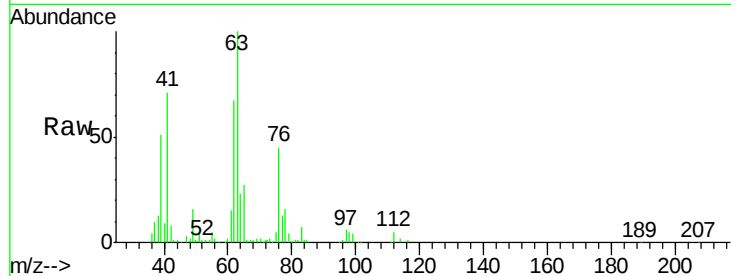
#45
 1,2-Dichloropropane
 Concen: 21.658 ug/l
 RT: 9.37 min Scan# 1224
 Delta R.T. 0.00 min
 Lab File: VW012659.D
 Acq: 06 Sep 2019 00:03

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0905SBS04

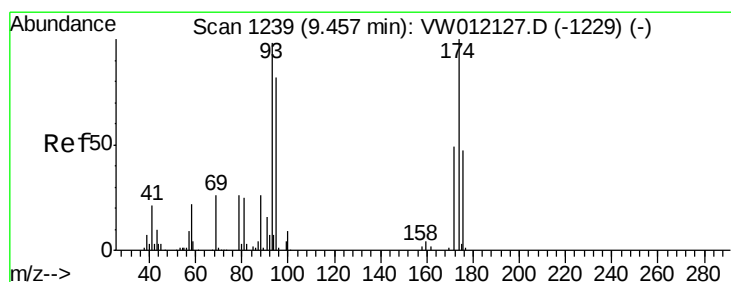
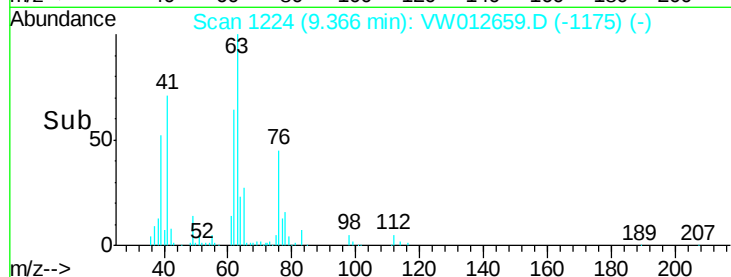
Tot Ion	Ratio	Lower	Upper
63	100		
65	26.9	25.0	37.4

Manual Integrations
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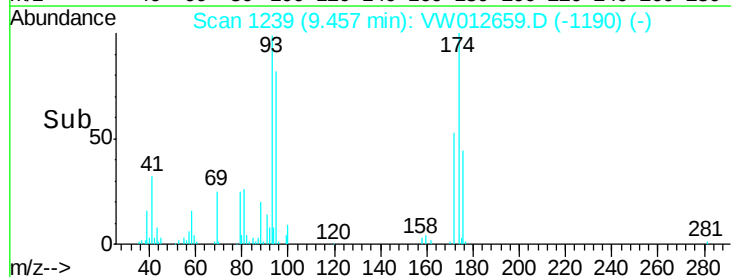
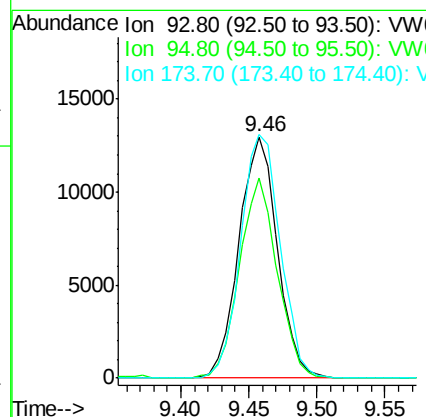
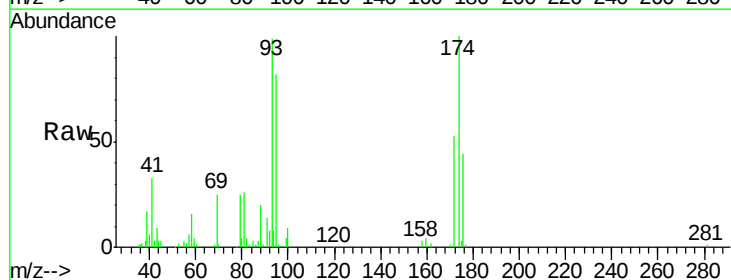


9/6/2019 12:29:45 PM



#46
 Dibromomethane
 Concen: 23.347 ug/l
 RT: 9.46 min Scan# 1239
 Delta R.T. 0.00 min
 Lab File: VW012659.D
 Acq: 06 Sep 2019 00:03

Tgt Ion	Ratio	Lower	Upper
93	100		
95	81.6	67.2	100.8
174	104.2	79.0	118.6





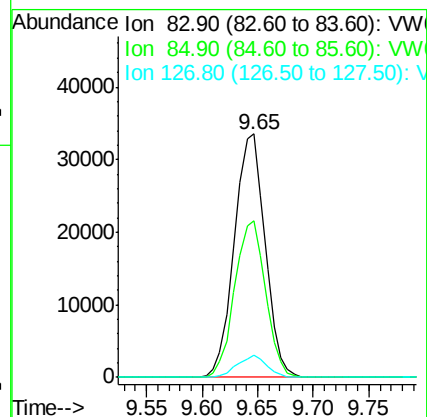
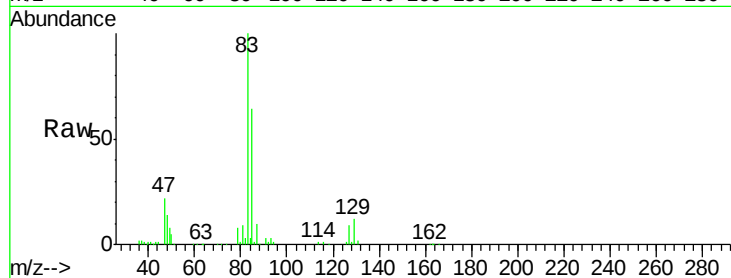
#47
Bromodichloromethane
Concen: 22.121 ug/l
RT: 9.65 min Scan# 1270
Delta R.T. 0.00 min
Lab File: VW012659.D
Acq: 06 Sep 2019 00:03

Instrument :
MSVOA_W
ClientSampleId :
VW0905SBS04

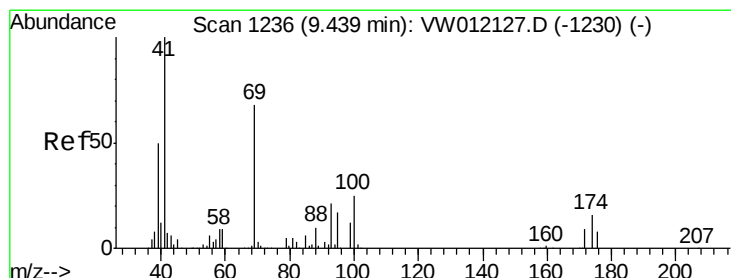
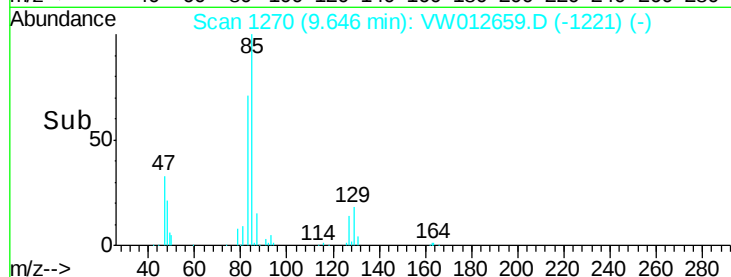
Tot Ion	Ratio	Lower	Upper
83	100		
85	64.1	49.4	74.2
127	9.0	6.1	9.1

Manual Integrations
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MMDadoda

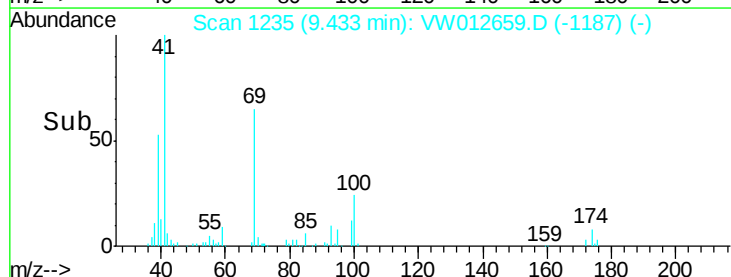
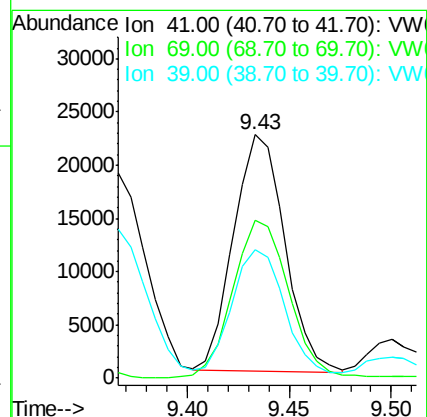
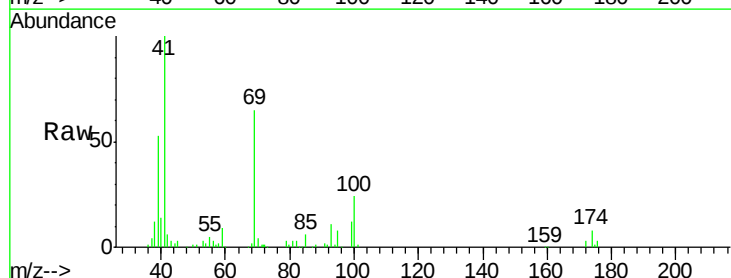


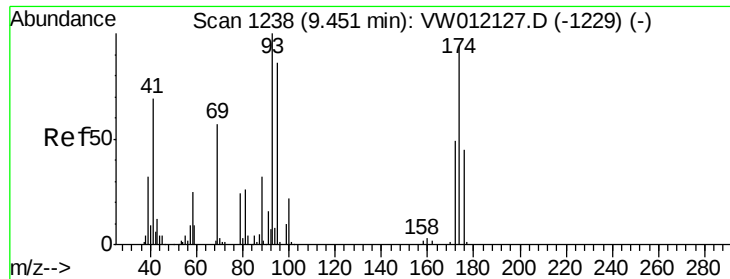
9/6/2019 12:29:45 PM



#48
Methyl methacrylate
Concen: 24.049 ug/l
RT: 9.43 min Scan# 1235
Delta R.T. -0.01 min
Lab File: VW012659.D
Acq: 06 Sep 2019 00:03

Tgt Ion	Ratio	Lower	Upper
41	100		
69	73.6	56.7	85.1
39	56.8	42.0	63.0





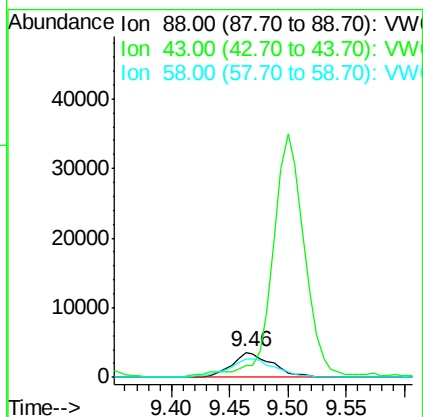
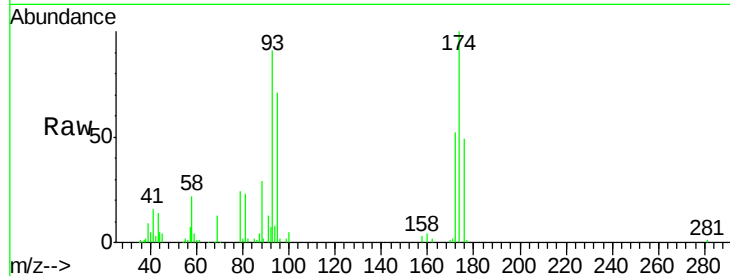
#49
1,4-Dioxane
Concen: 517.073 ug/l
RT: 9.46 min Scan# 1240
Delta R.T. 0.01 min
Lab File: VW012659.D
Acq: 06 Sep 2019 00:03

Instrument :
MSVOA_W
ClientSampleId :
VW0905SBS04

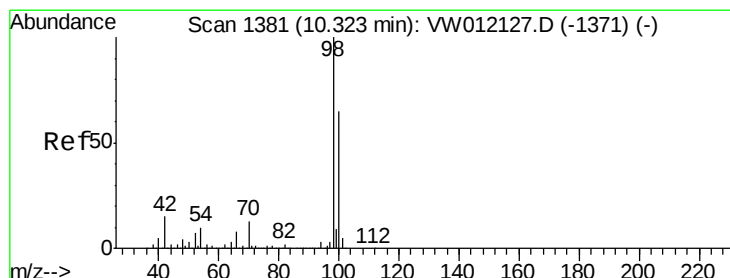
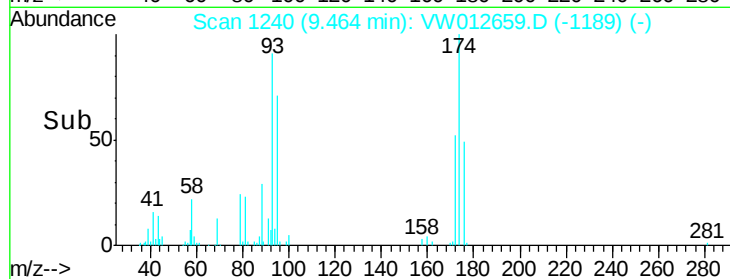
Tot Ion	88	Resp	8670
Ion Ratio	100	Lower	Upper
88	100		
43	0.0	32.9	49.3#
58	86.6	71.0	106.4

Manual Integrations
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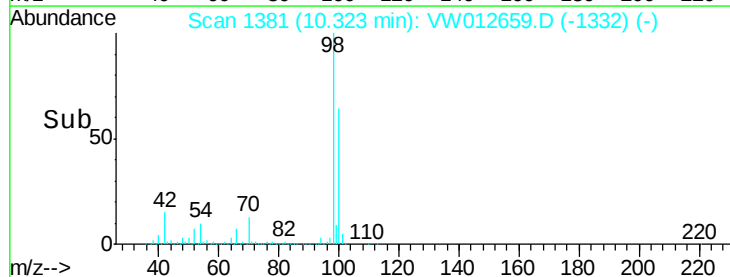
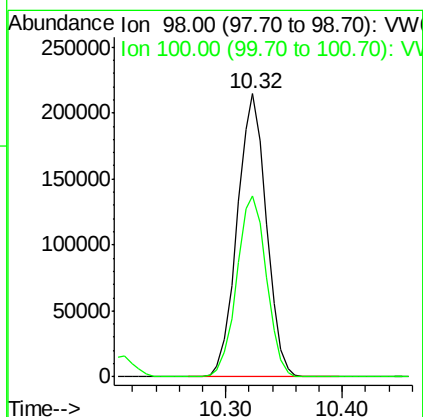
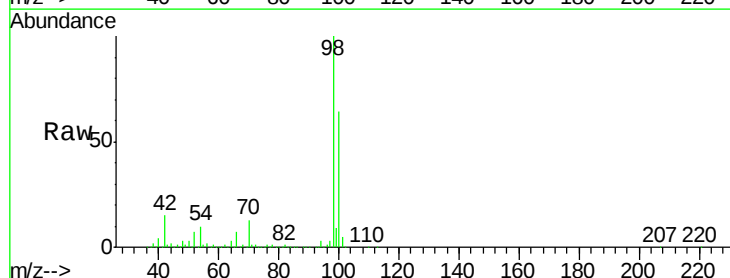


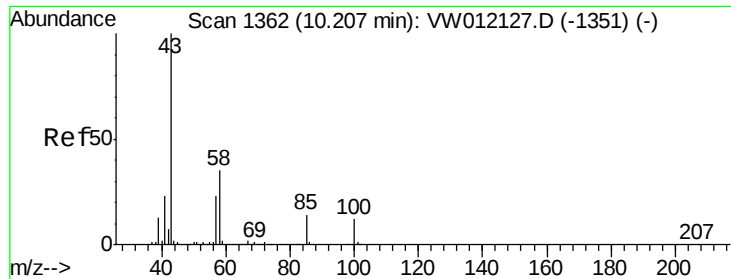
9/6/2019 12:29:45 PM



#50
Toluene-d8
Concen: 47.783 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. 0.00 min
Lab File: VW012659.D
Acq: 06 Sep 2019 00:03

Tgt Ion	98	Resp	374877
Ion Ratio	100	Lower	Upper
98	100		
100	65.1	52.4	78.6





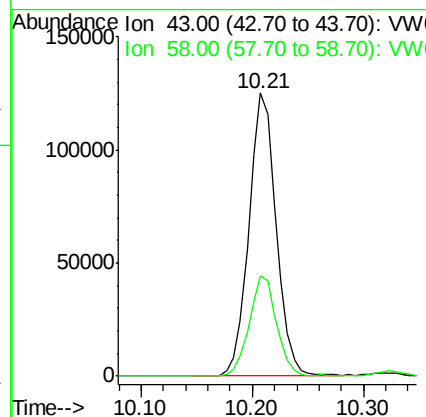
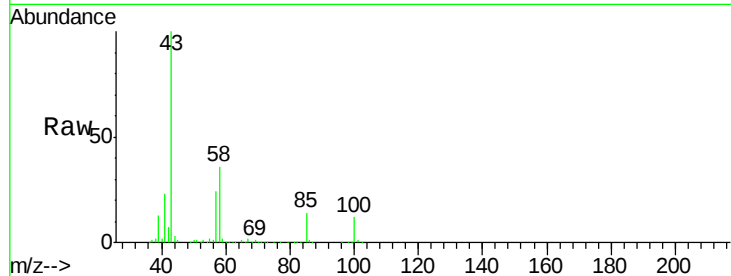
#51
4-Methyl-2-Pentanone
Concen: 123.072 ug/l
RT: 10.21 min Scan# 1362
Delta R.T. 0.00 min
Lab File: VW012659.D
Acq: 06 Sep 2019 00:03

Instrument :
MSVOA_W
ClientSampled :
VW0905SBS04

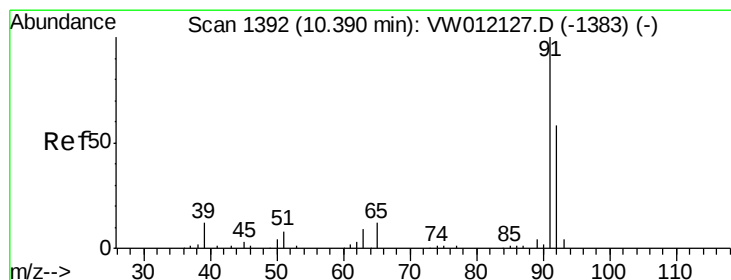
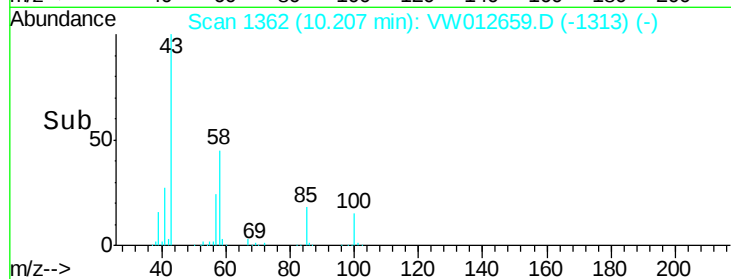
Tot Ion	Ratio	Lower	Upper
43	100		
58	35.3	28.2	42.2

Manual Integrations
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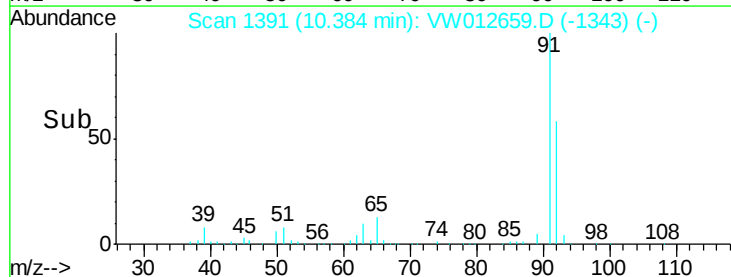
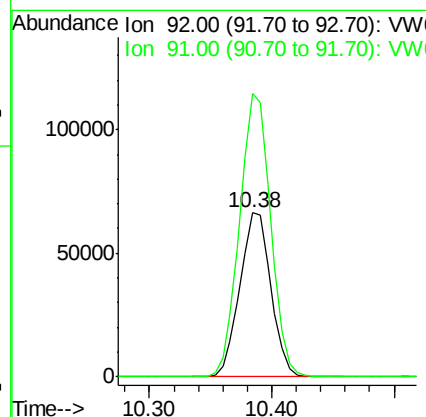
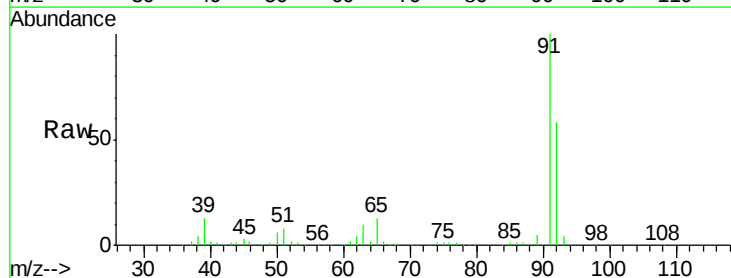


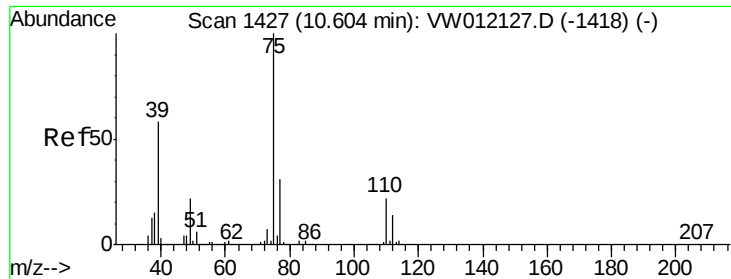
9/6/2019 12:29:45 PM



#52
Toluene
Concen: 21.200 ug/l
RT: 10.38 min Scan# 1391
Delta R.T. -0.01 min
Lab File: VW012659.D
Acq: 06 Sep 2019 00:03

Tgt Ion	Ratio	Lower	Upper
92	100		
91	172.9	136.6	204.8





#53

t-1,3-Dichloropropene

Concen: 22.550 ug/l

RT: 10.60 min Scan# 1427

Delta R.T. 0.00 min

Lab File: VW012659.D

Acq: 06 Sep 2019 00:03

Instrument :

MSVOA_W

ClientSampleId :

VW0905SBS04

Tot Ion: 75 Resp: 66957

Ion Ratio Lower Upper

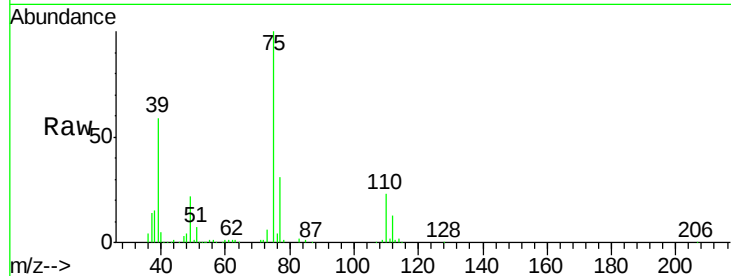
75 100

77 30.6 25.0 37.4

Manual Integrations

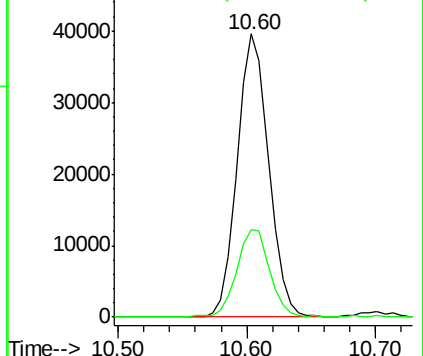
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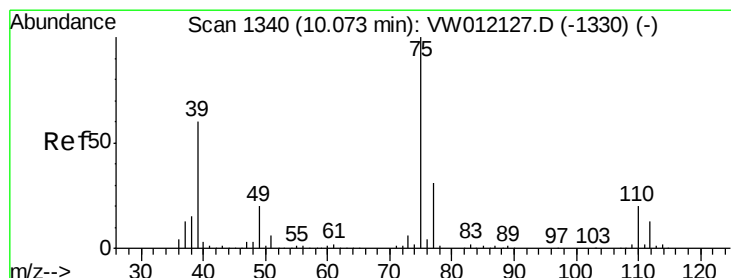
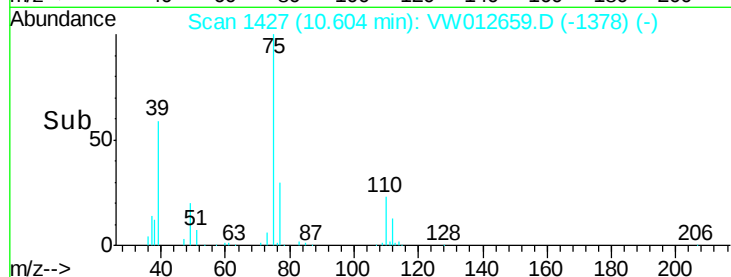


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 76.90 (76.60 to 77.60): VW



9/6/2019 12:29:45 PM



#54

cis-1,3-Dichloropropene

Concen: 21.313 ug/l

RT: 10.07 min Scan# 1340

Delta R.T. 0.00 min

Lab File: VW012659.D

Acq: 06 Sep 2019 00:03

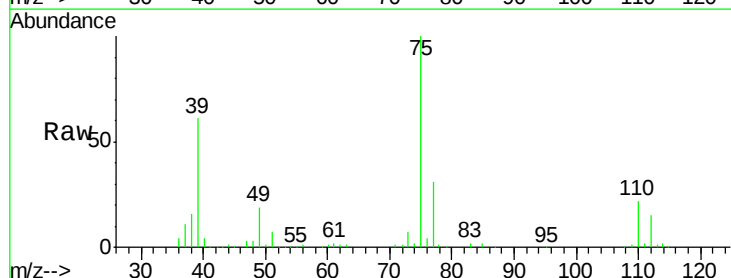
Tgt Ion: 75 Resp: 76411

Ion Ratio Lower Upper

75 100

77 31.2 25.1 37.7

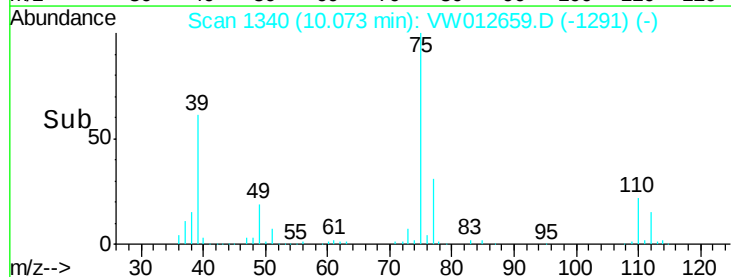
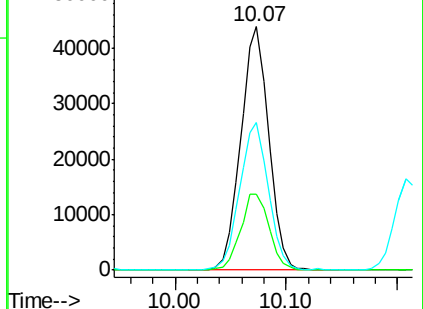
39 60.4 48.3 72.5

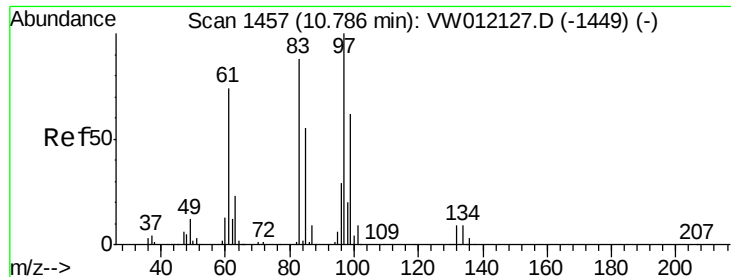


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 76.90 (76.60 to 77.60): VW

Ion 39.00 (38.70 to 39.70): VW





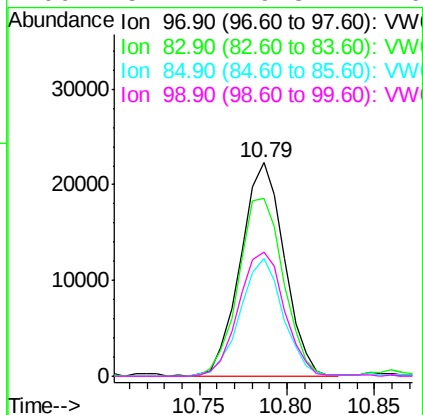
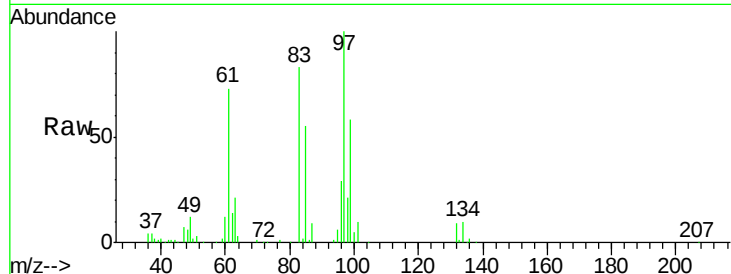
#55
 1,1,2-Trichloroethane
 Concen: 25.081 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. 0.00 min
 Lab File: VW012659.D
 Acq: 06 Sep 2019 00:03

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0905SBS04

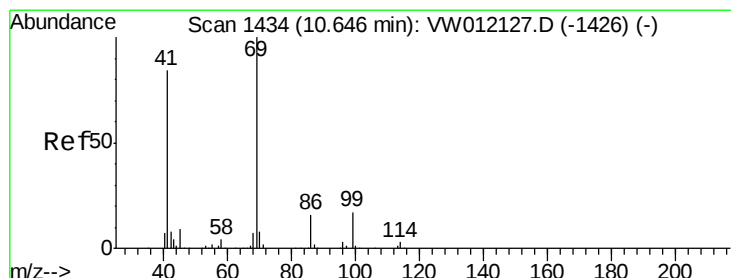
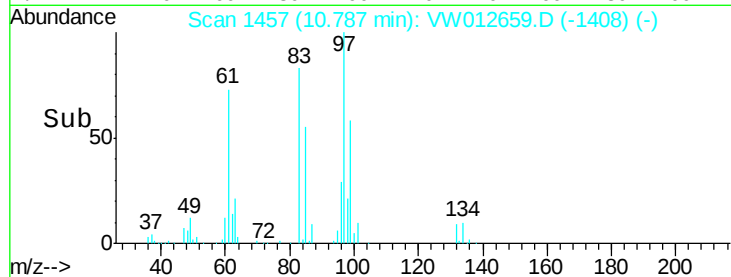
Tot Ion:	97	Resp:	38868
Ion	Ratio	Lower	Upper
97	100		
83	83.5	70.8	106.2
85	54.9	43.8	65.8
99	57.7	49.8	74.6

Manual Integrations
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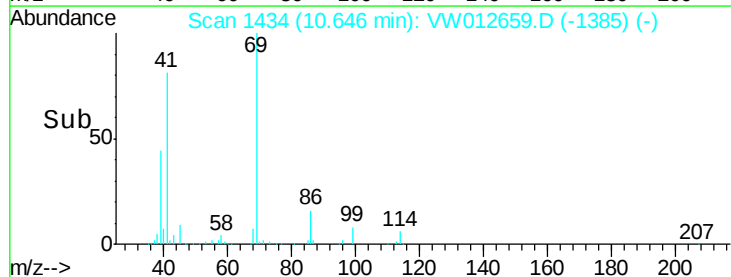
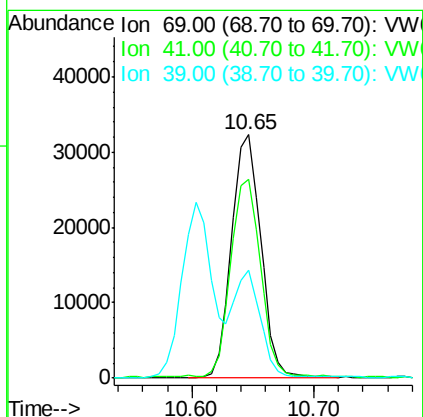
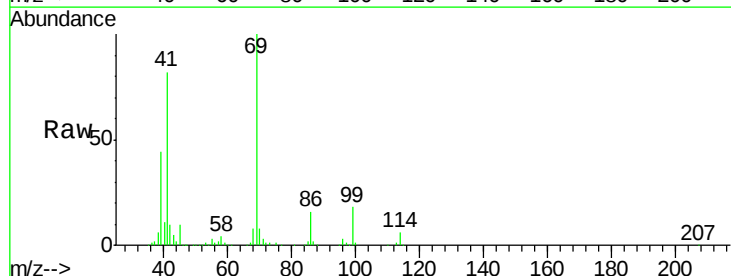


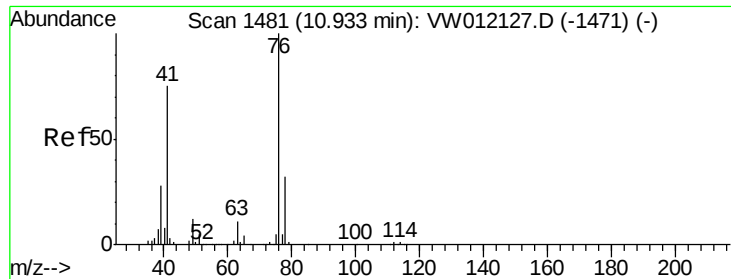
9/6/2019 12:29:45 PM



#56
 Ethyl methacrylate
 Concen: 23.825 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. 0.00 min
 Lab File: VW012659.D
 Acq: 06 Sep 2019 00:03

Tgt Ion:	69	Resp:	53735
Ion	Ratio	Lower	Upper
69	100		
41	83.8	66.5	99.7
39	38.5	31.0	46.4





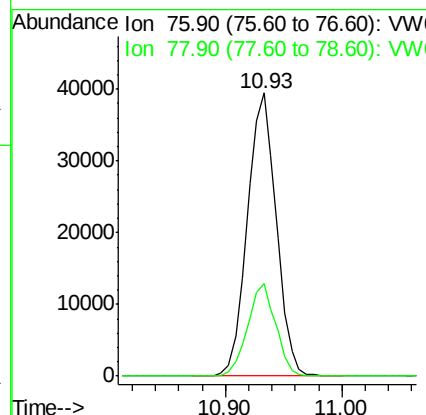
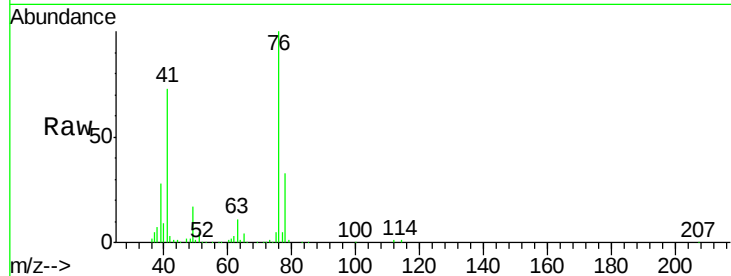
#57
 1,3-Dichloropropane
 Concen: 23.348 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. 0.00 min
 Lab File: VW012659.D
 Acq: 06 Sep 2019 00:03

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0905SBS04

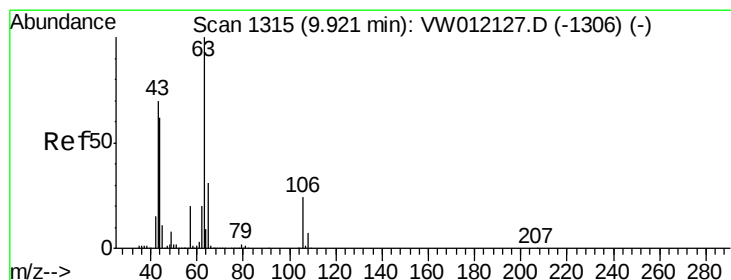
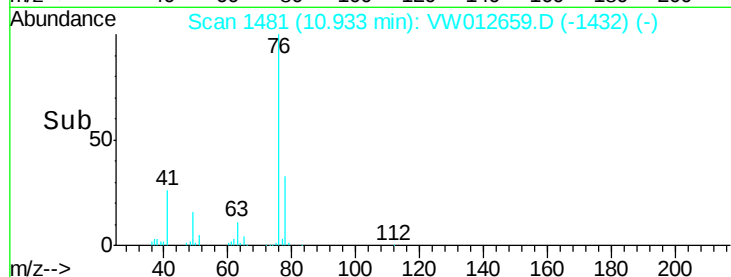
Tot Ion: 76 Resp: 68373
 Ion Ratio Lower Upper
 76 100
 78 31.8 25.8 38.8

Manual Integrations
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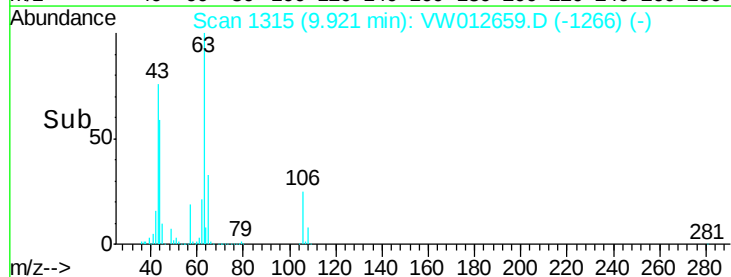
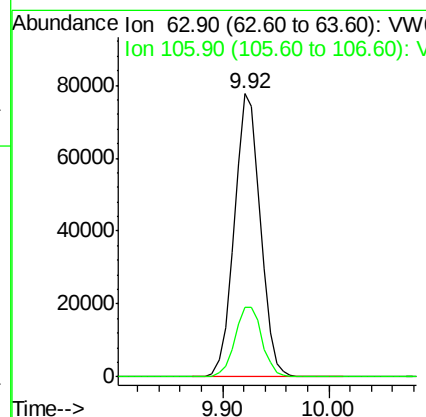
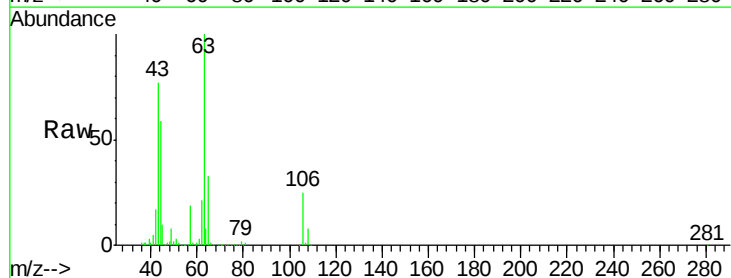


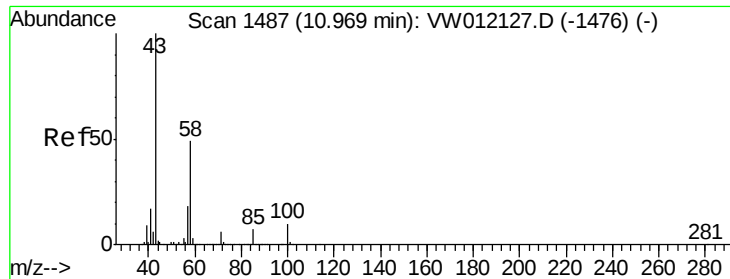
9/6/2019 12:29:45 PM



#58
 2-Chloroethyl Vinyl ether
 Concen: 115.176 ug/l
 RT: 9.92 min Scan# 1315
 Delta R.T. 0.00 min
 Lab File: VW012659.D
 Acq: 06 Sep 2019 00:03

Tgt Ion: 63 Resp: 133319
 Ion Ratio Lower Upper
 63 100
 106 25.8 19.8 29.8





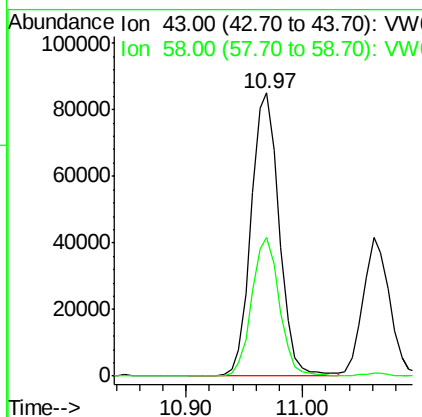
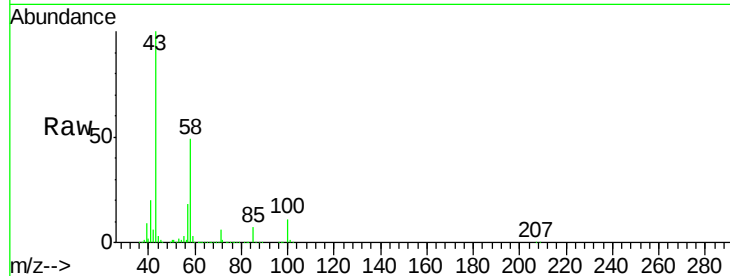
#59
2-Hexanone
Concen: 116.788 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VW012659.D
Acq: 06 Sep 2019 00:03

Instrument :
MSVOA_W
ClientSampleId :
VW0905SBS04

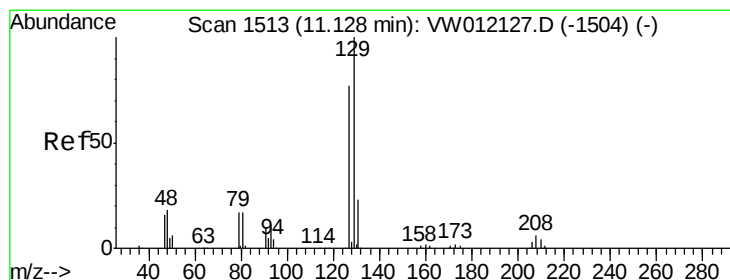
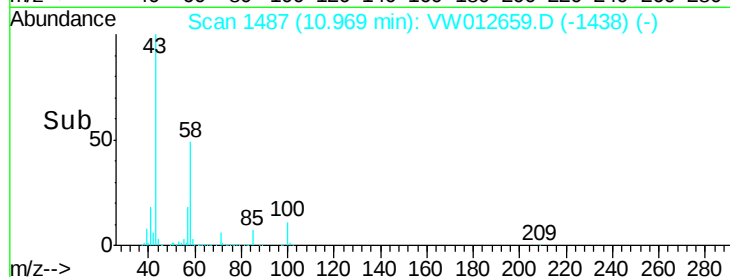
Tot Ion	Ratio	Lower	Upper
43	100		
58	48.5	24.3	72.9

Manual Integrations
APPROVED

MMDadoda

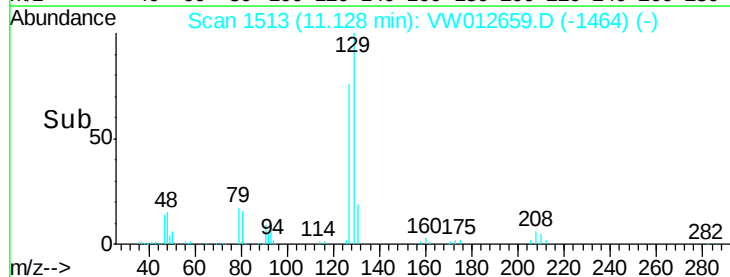
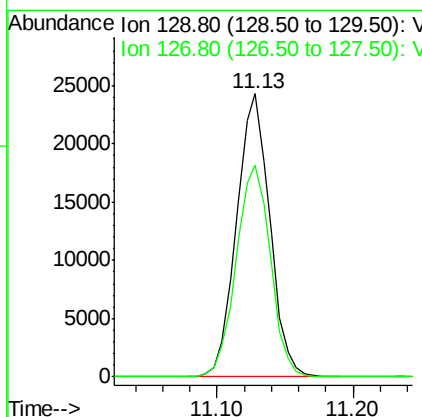
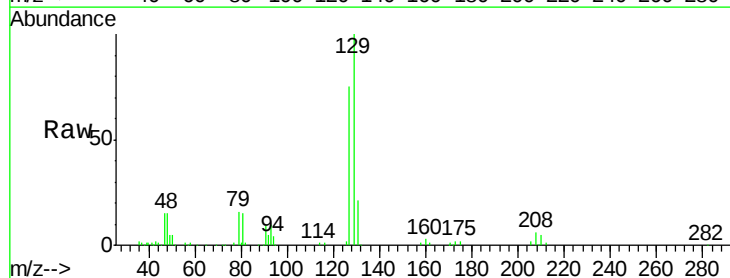


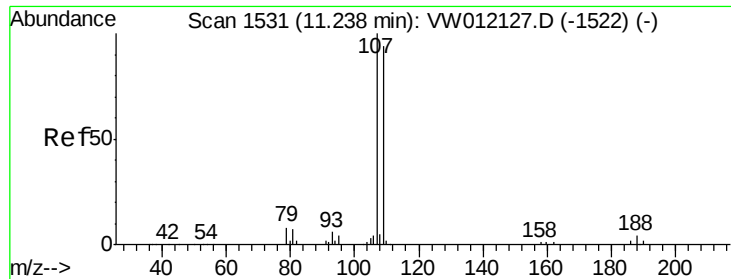
9/6/2019 12:29:45 PM



#60
Dibromochloromethane
Concen: 24.002 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VW012659.D
Acq: 06 Sep 2019 00:03

Tgt Ion	Ratio	Lower	Upper
129	100		
127	77.0	38.6	115.8





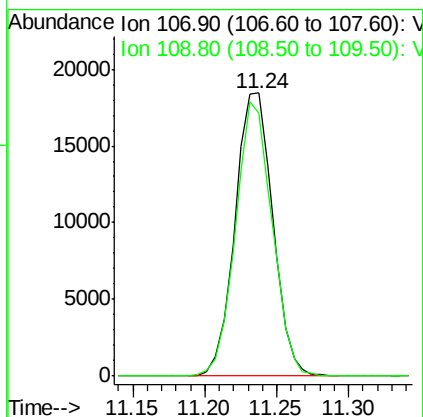
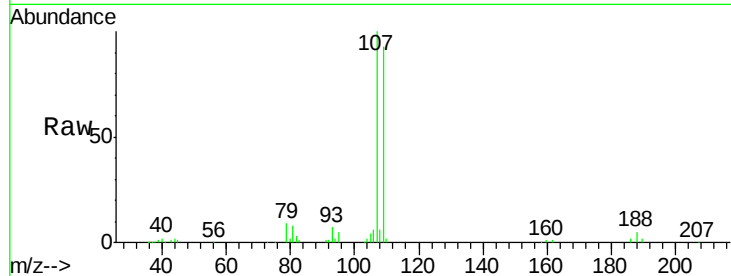
#61
 1,2-Dibromoethane
 Concen: 23.295 ug/l
 RT: 11.24 min Scan# 1531
 Delta R.T. 0.00 min
 Lab File: VW012659.D
 Acq: 06 Sep 2019 00:03

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0905SBS04

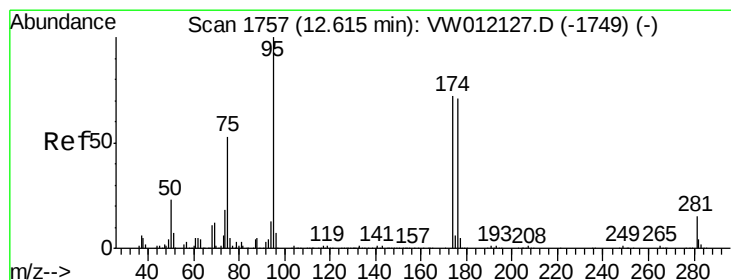
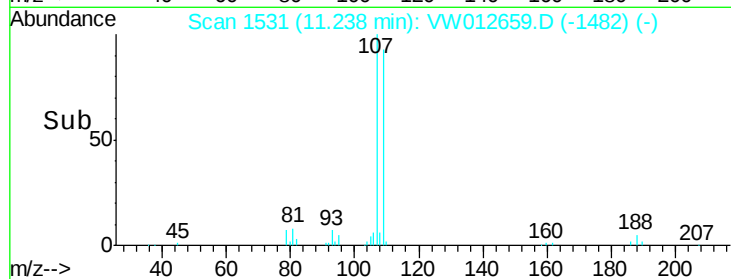
Tot Ion	Ratio	Lower	Upper
107	100		
109	93.8	75.4	113.2

Manual Integrations
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MMDadoda

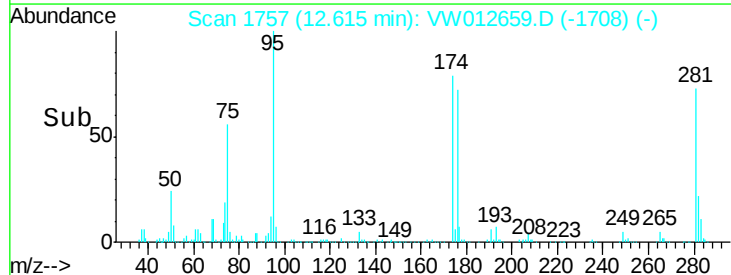
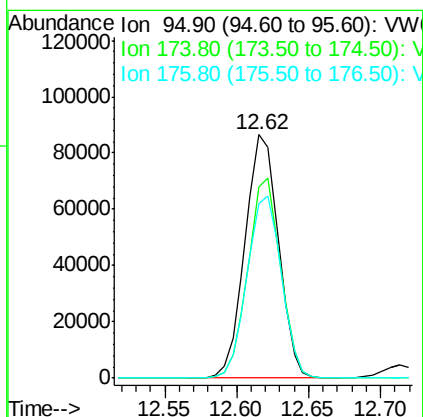
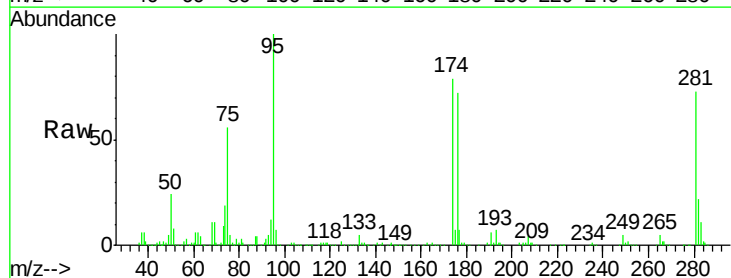


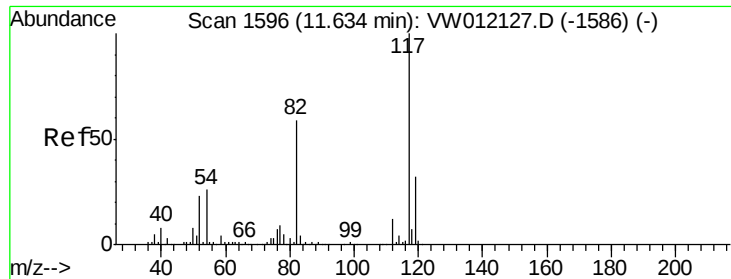
9/6/2019 12:29:45 PM



#62
 4-Bromofluorobenzene
 Concen: 50.298 ug/l
 RT: 12.62 min Scan# 1757
 Delta R.T. 0.00 min
 Lab File: VW012659.D
 Acq: 06 Sep 2019 00:03

Tgt Ion	Ratio	Lower	Upper
95	100		
174	80.3	0.0	150.8
176	76.8	0.0	148.6





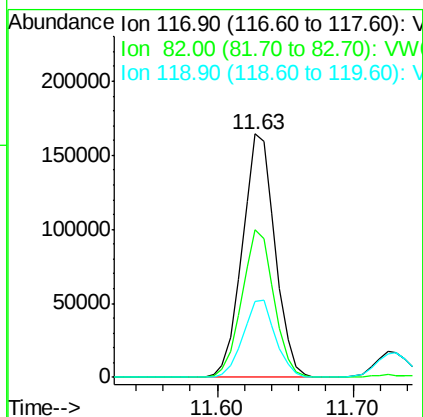
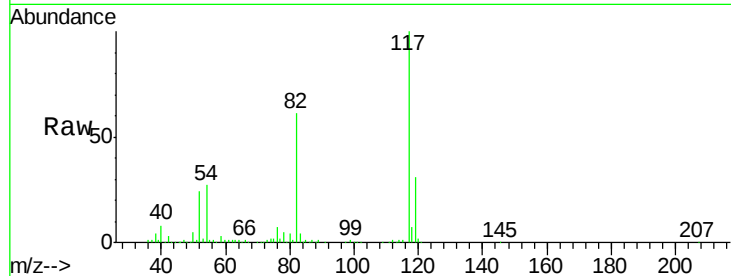
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.01 min
Lab File: VW012659.D
Acq: 06 Sep 2019 00:03

Instrument :
MSVOA_W
ClientSampleId :
VW0905SBS04

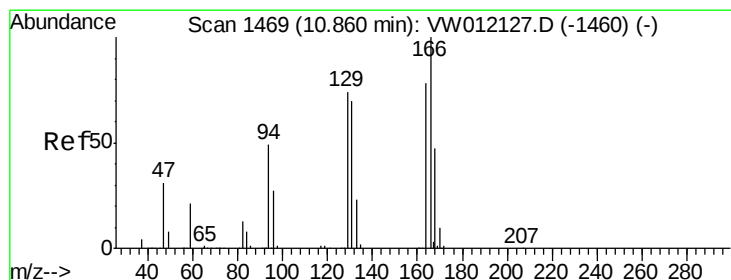
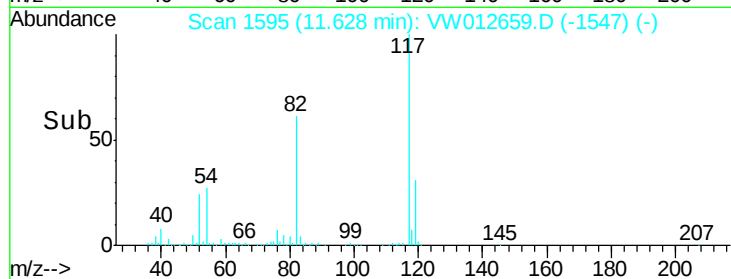
Tot Ion	Ratio	Resp	Lower	Upper
117	100	275123		
82	60.7		47.4	71.2
119	31.3		25.4	38.2

Manual Integrations
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MMDadoda

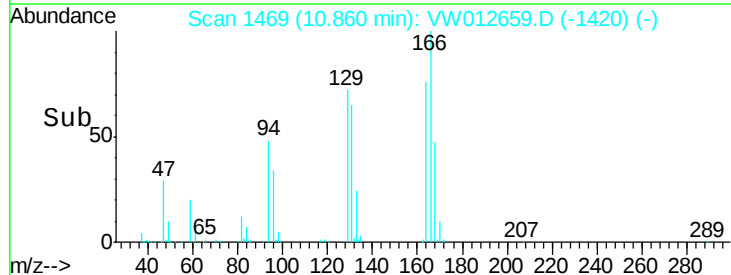
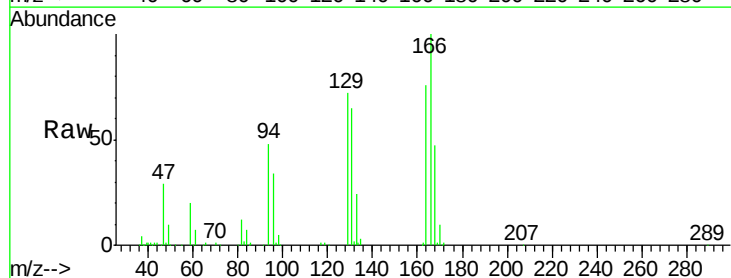
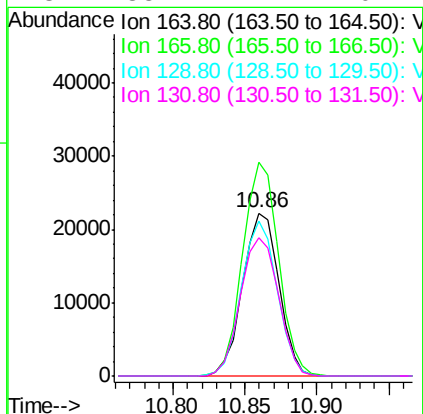


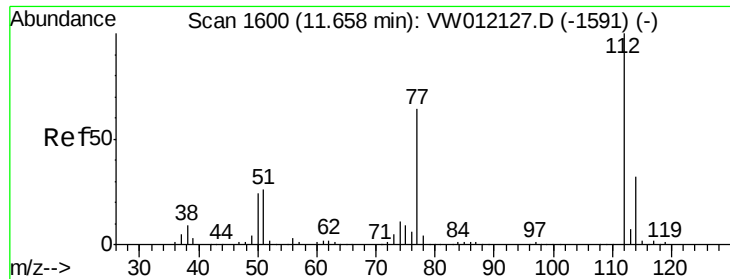
9/6/2019 12:29:45 PM



#64
Tetrachloroethene
Concen: 21.724 ug/l
RT: 10.86 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VW012659.D
Acq: 06 Sep 2019 00:03

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	38750		
166	130.9		102.4	153.6
129	94.5		75.8	113.6
131	85.1		71.4	107.2





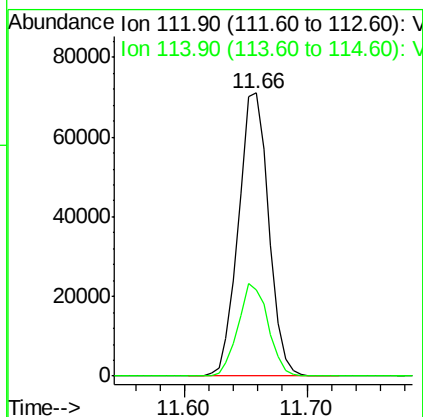
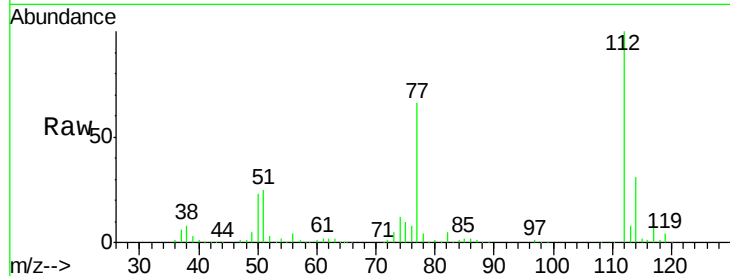
#65
Chlorobenzene
Concen: 22.484 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VW012659.D
Acq: 06 Sep 2019 00:03

Instrument :
MSVOA_W
ClientSampleId :
VW0905SBS04

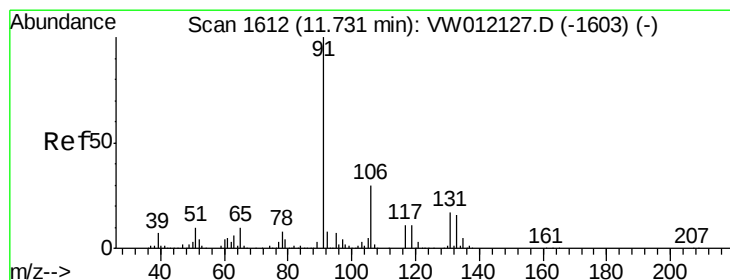
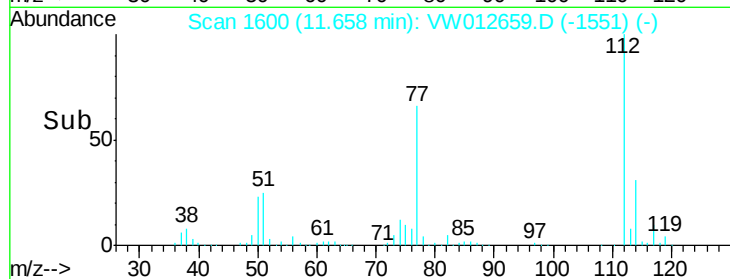
Tot Ion:112 Resp: 121805
Ion Ratio Lower Upper
112 100
114 30.7 25.8 38.6

Manual Integrations
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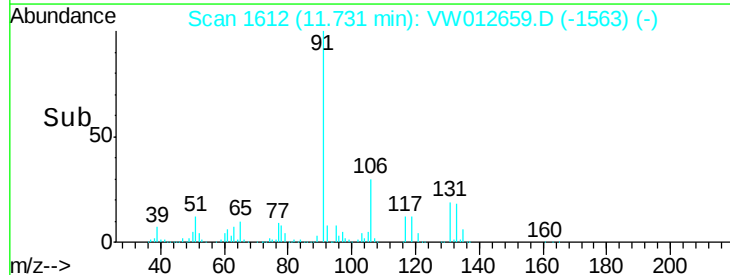
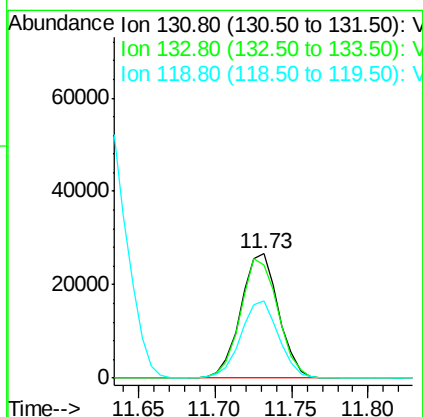
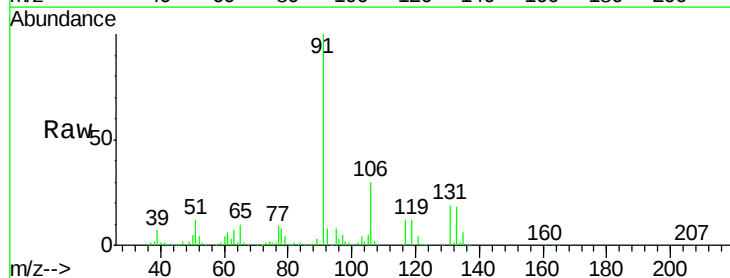


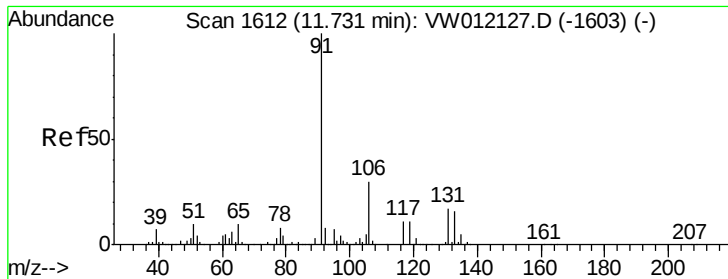
9/6/2019 12:29:45 PM



#66
1,1,1,2-Tetrachloroethane
Concen: 24.234 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW012659.D
Acq: 06 Sep 2019 00:03

Tgt Ion:131 Resp: 45800
Ion Ratio Lower Upper
131 100
133 94.9 47.1 141.3
119 62.4 31.8 95.3





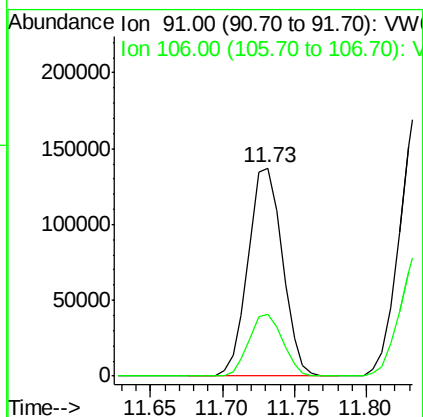
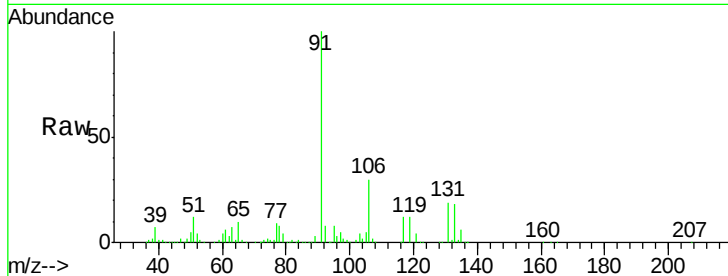
#67
Ethyl Benzene
Concen: 21.741 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW012659.D
Acq: 06 Sep 2019 00:03

Instrument :
MSVOA_W
ClientSampleId :
VW0905SBS04

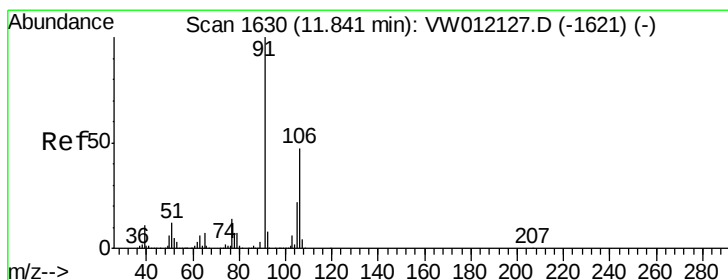
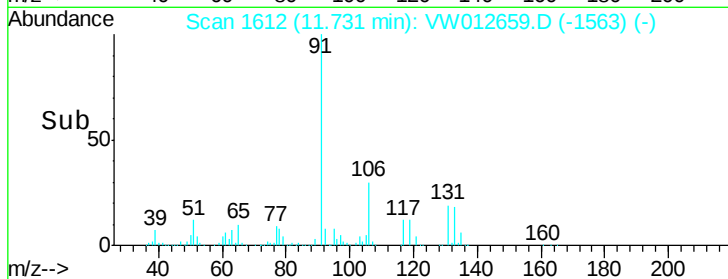
Tot Ion	Ratio	Lower	Upper
91	100		
106	30.1	24.3	36.5

Manual Integrations
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MMDadoda

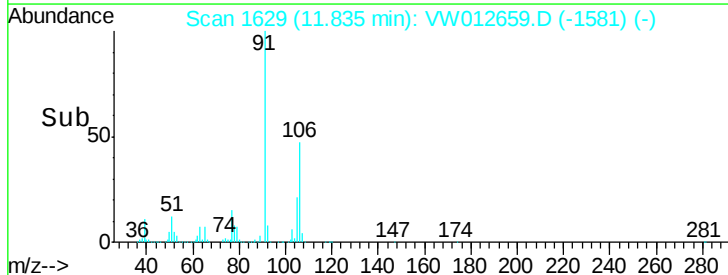
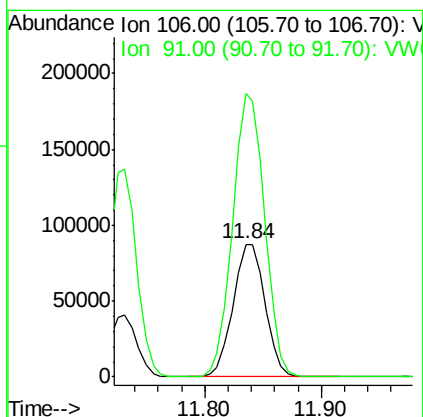
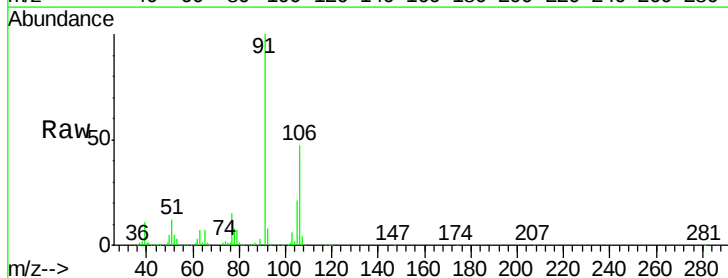


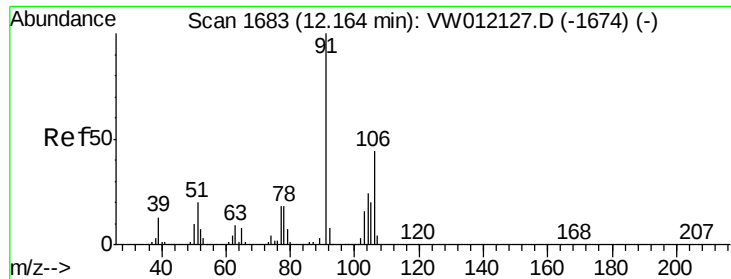
9/6/2019 12:29:45 PM



#68
m/p-Xylenes
Concen: 44.564 ug/l
RT: 11.84 min Scan# 1629
Delta R.T. -0.01 min
Lab File: VW012659.D
Acq: 06 Sep 2019 00:03

Tgt Ion	Ratio	Lower	Upper
106	100		
91	212.5	169.5	254.3





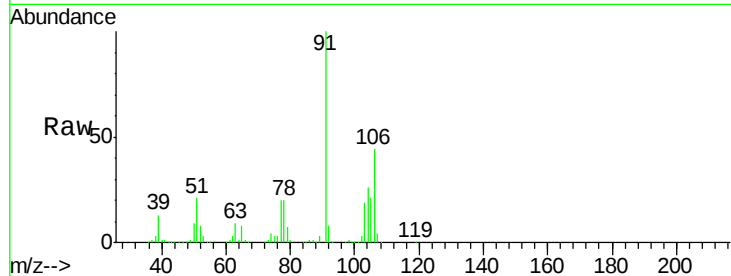
#69
o-Xylene
Concen: 22.574 ug/l
RT: 12.16 min Scan# 1683
Delta R.T. 0.00 min
Lab File: VW012659.D
Acq: 06 Sep 2019 00:03

Instrument :
MSVOA_W
ClientSampleId :
VW0905SBS04

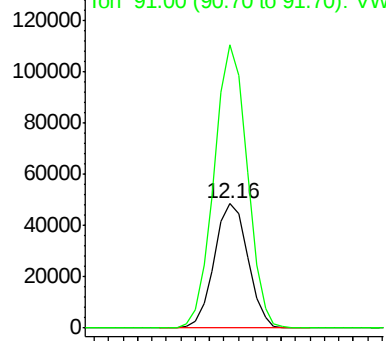
Tot Ion	Ion	Ratio	Lower	Upper
106	100			
91	224.9	111.6	334.6	

Manual Integrations
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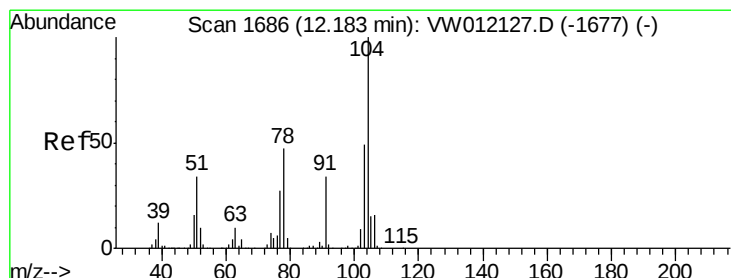
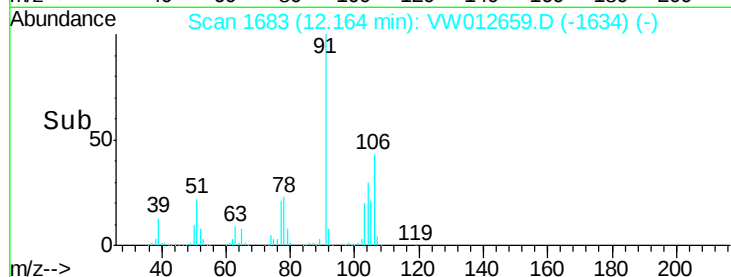
MMDadoda



Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VW

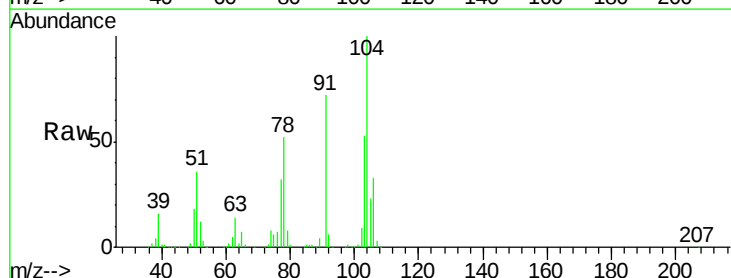


9/6/2019 12:29:45 PM

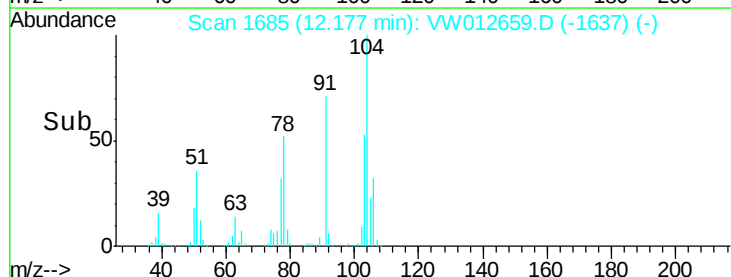
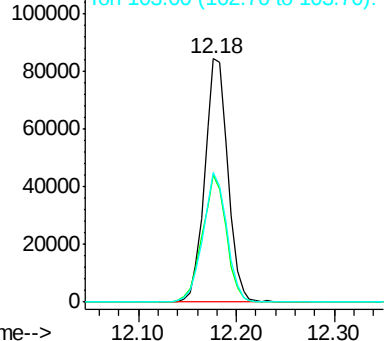


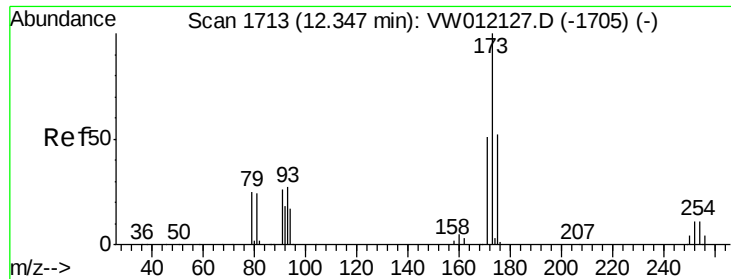
#70
Styrene
Concen: 22.854 ug/l
RT: 12.18 min Scan# 1685
Delta R.T. -0.01 min
Lab File: VW012659.D
Acq: 06 Sep 2019 00:03

Tgt Ion	Ion	Ratio	Lower	Upper
104	100			
78	54.0	43.1	64.7	
103	55.0	43.5	65.3	



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VW
Ion 103.00 (102.70 to 103.70): V





#71

Bromoform

Concen: 25.532 ug/l

RT: 12.35 min Scan# 1713

Delta R.T. 0.00 min

Lab File: VW012659.D

Acq: 06 Sep 2019 00:03

Instrument :

MSVOA_W

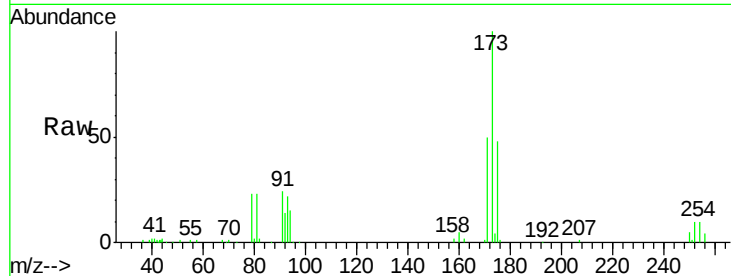
ClientSampleId :

VW0905SBS04

Tot Ion	Ratio	Lower	Upper
173	100		
175	49.3	24.6	74.0
254	0.0	0.2	0.2

Manual Integrations
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MMDadoda

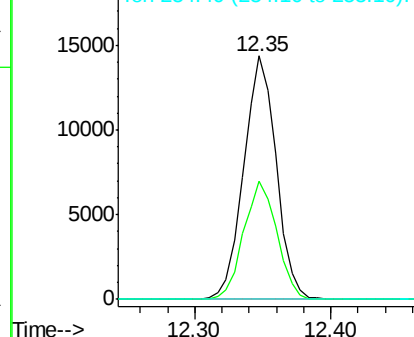


Abundance

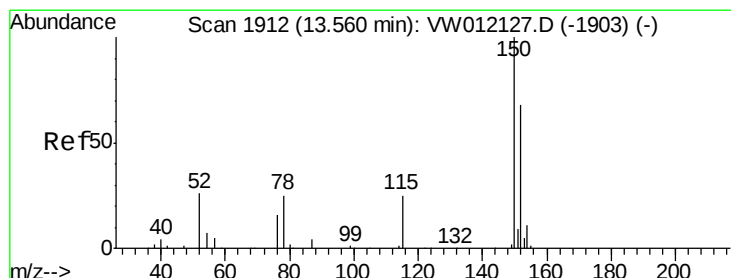
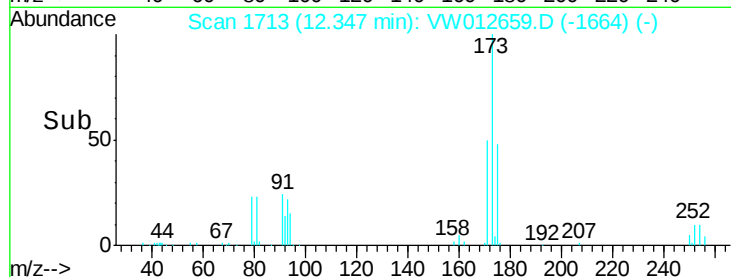
Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



9/6/2019 12:29:45 PM



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

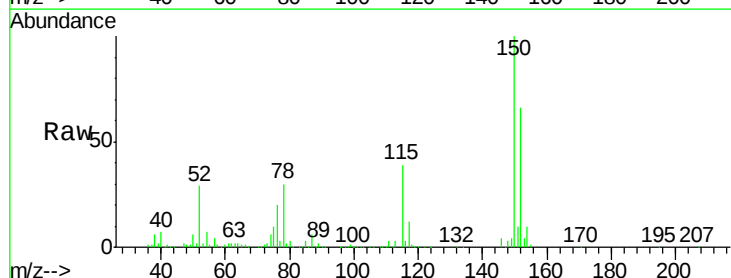
RT: 13.55 min Scan# 1911

Delta R.T. -0.01 min

Lab File: VW012659.D

Acq: 06 Sep 2019 00:03

Tgt Ion	Ratio	Lower	Upper
152	100		
115	60.3	30.1	90.3
150	163.1	0.0	345.8

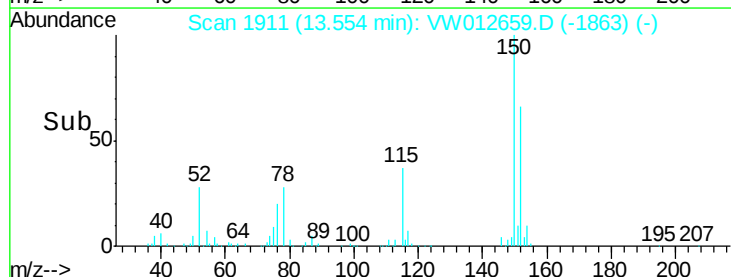
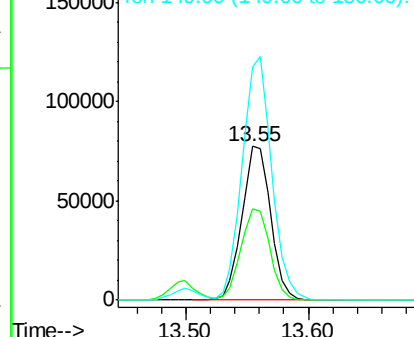


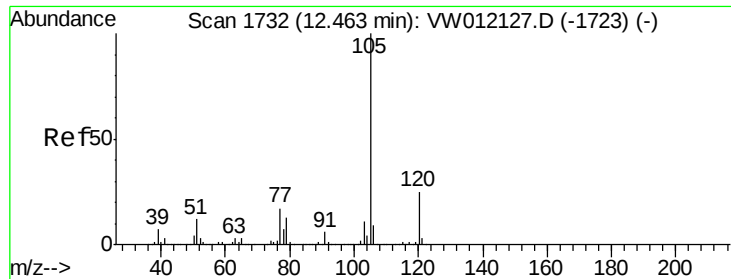
Abundance

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





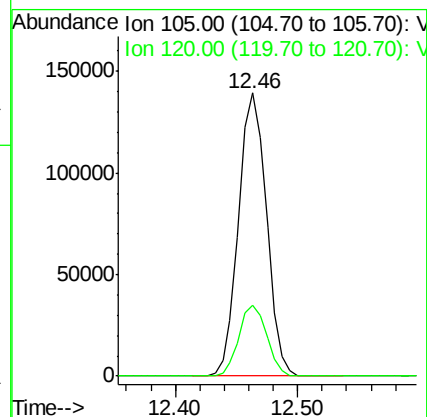
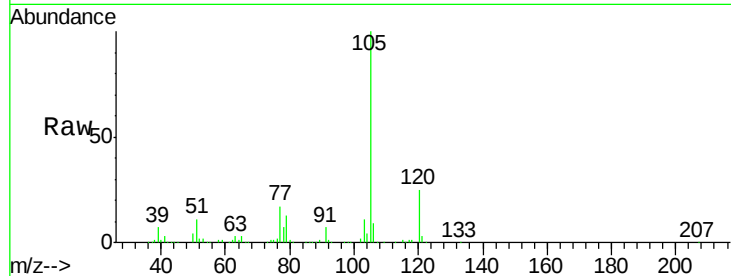
#73
Isopropylbenzene
Concen: 23.456 ug/l
RT: 12.46 min Scan# 1732
Delta R.T. 0.00 min
Lab File: VW012659.D
Acq: 06 Sep 2019 00:03

Instrument :
MSVOA_W
ClientSampleId :
VW0905SBS04

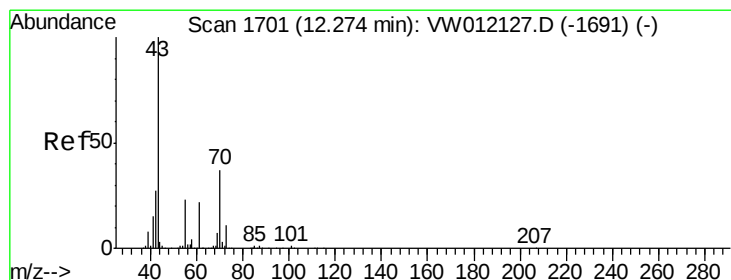
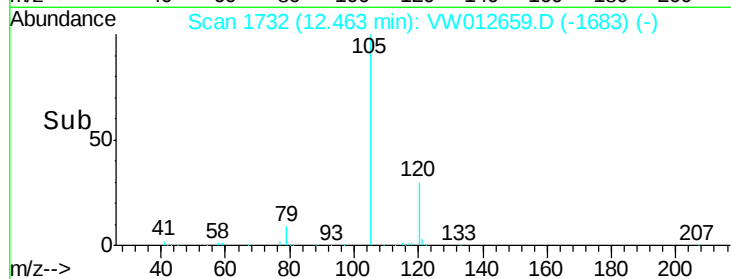
Tot Ion	Ratio	Lower	Upper
105	100		
120	25.2	12.5	37.5

Manual Integrations
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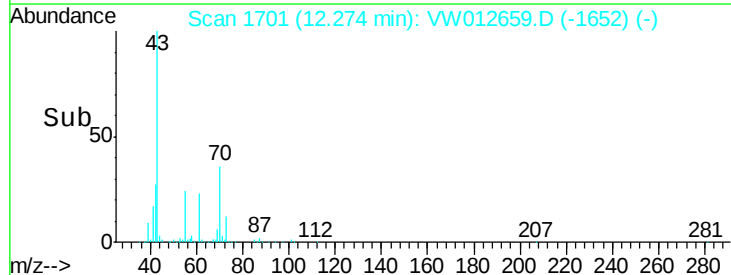
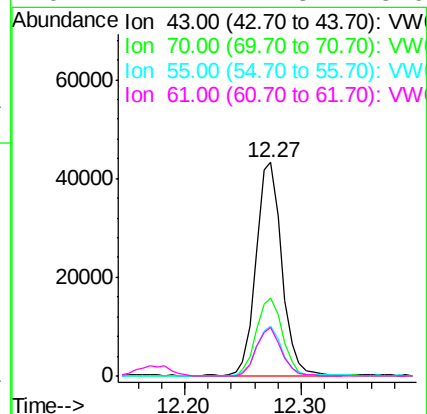
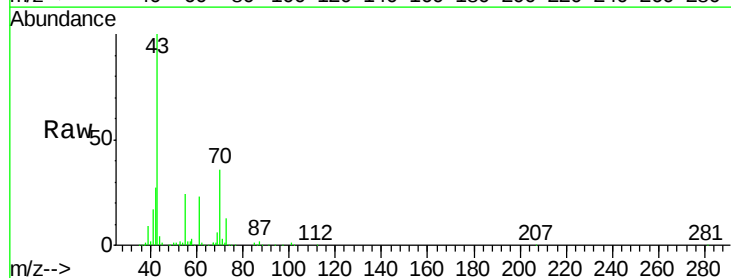


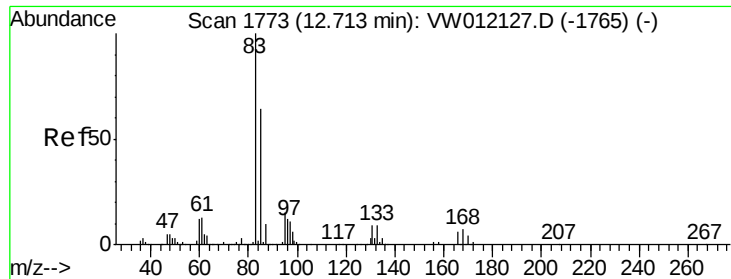
9/6/2019 12:29:45 PM



#74
N-ethyl acetate
Concen: 23.453 ug/l
RT: 12.27 min Scan# 1701
Delta R.T. 0.00 min
Lab File: VW012659.D
Acq: 06 Sep 2019 00:03

Tgt Ion	Ratio	Lower	Upper
43	100		
70	37.5	28.6	43.0
55	23.6	17.8	26.6
61	22.2	17.3	25.9





#75

1,1,2,2-Tetrachloroethane

Concen: 25.641 ug/l

RT: 12.71 min Scan# 1773

Delta R.T. 0.00 min

Lab File: VW012659.D

Acq: 06 Sep 2019 00:03

Instrument :

MSVOA_W

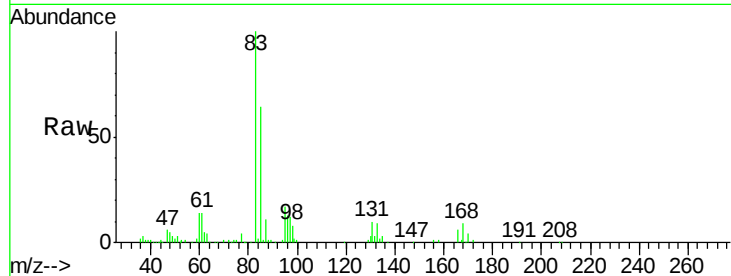
ClientSampleId :

VW0905SBS04

Tot Ion:	83	Resp:	44173
Ion Ratio	Lower	Upper	
83	100		
131	10.8	4.9	14.7
85	65.3	31.9	95.7

Manual Integrations
APPROVED

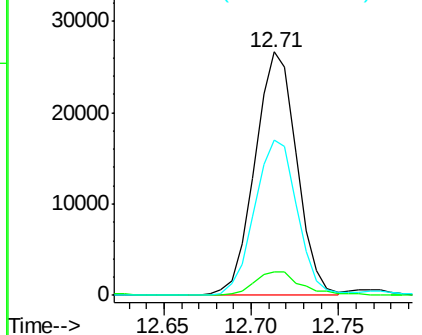
MMDadoda



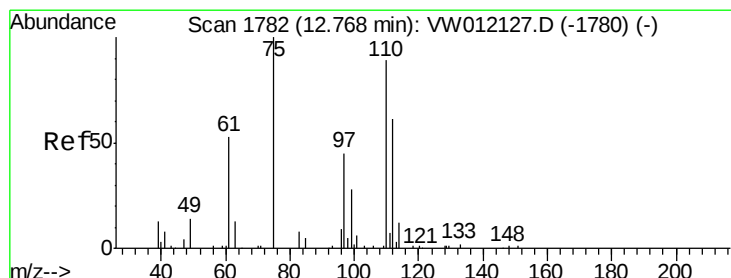
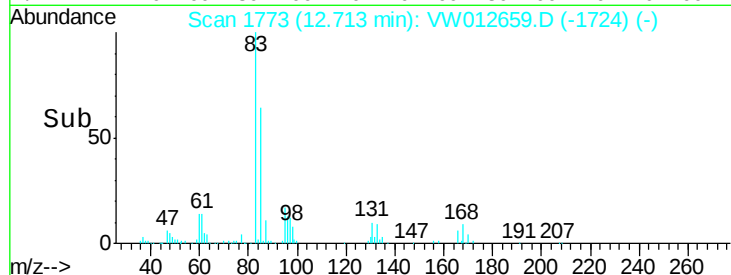
Abundance Ion 82.90 (82.60 to 83.60): VW

Ion 130.80 (130.50 to 131.50): VW

Ion 84.90 (84.60 to 85.60): VW



9/6/2019 12:29:45 PM



#76

1,2,3-Trichloropropane

Concen: 25.483 ug/l m

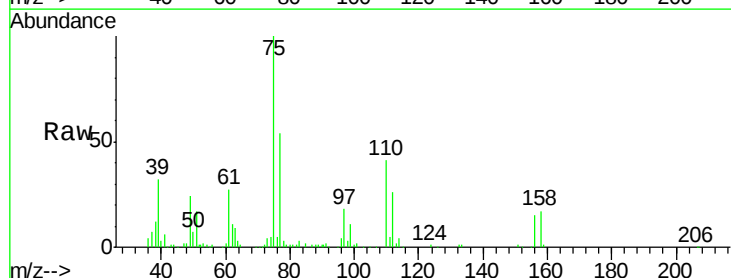
RT: 12.77 min Scan# 1782

Delta R.T. 0.00 min

Lab File: VW012659.D

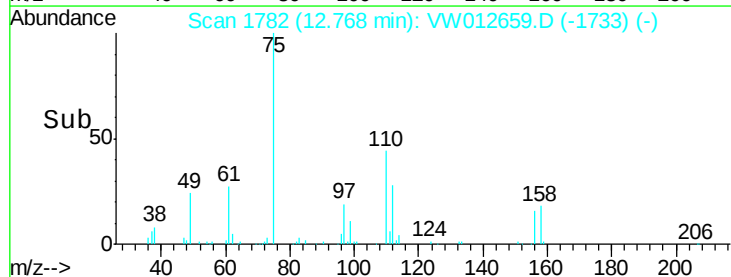
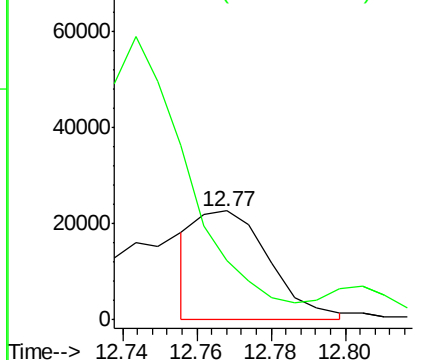
Acq: 06 Sep 2019 00:03

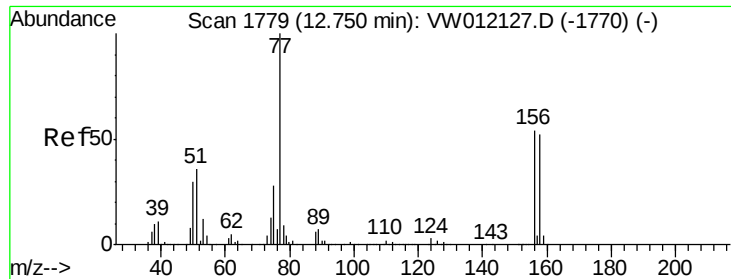
Tgt Ion:	75	Resp:	31124
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW





#77

Bromobenzene

Concen: 25.365 ug/l

RT: 12.74 min Scan# 1778

Delta R.T. -0.01 min

Lab File: VW012659.D

Acq: 06 Sep 2019 00:03

Instrument :

MSVOA_W

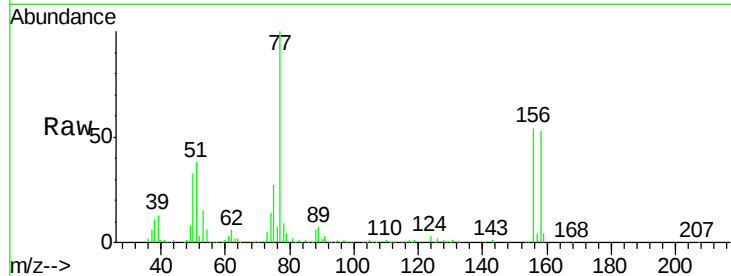
ClientSampled :

VW0905SBS04

Tot Ion:	156	Resp:	51566
Ion	Ratio	Lower	Upper
156	100		
77	205.0	107.3	321.8
158	96.2	49.0	147.0

Manual Integrations
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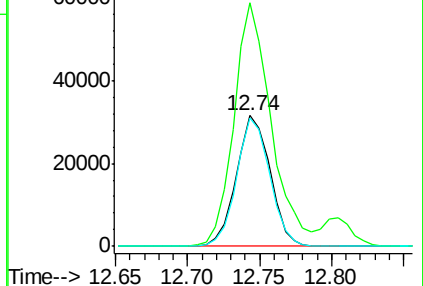
MMDadoda



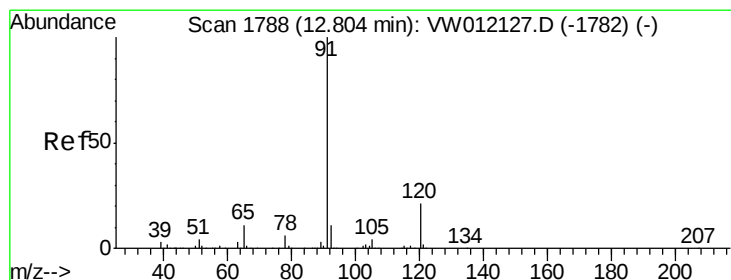
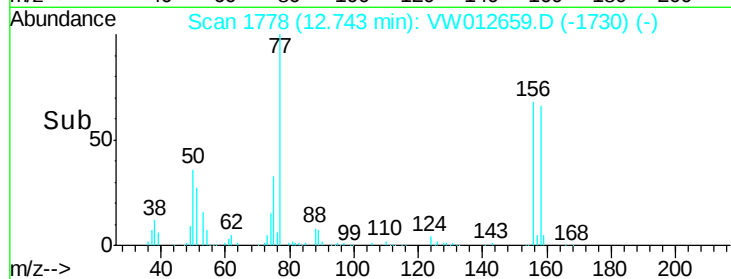
Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VW

Ion 157.80 (157.50 to 158.50): V



9/6/2019 12:29:45 PM



#78

n-propylbenzene

Concen: 21.734 ug/l

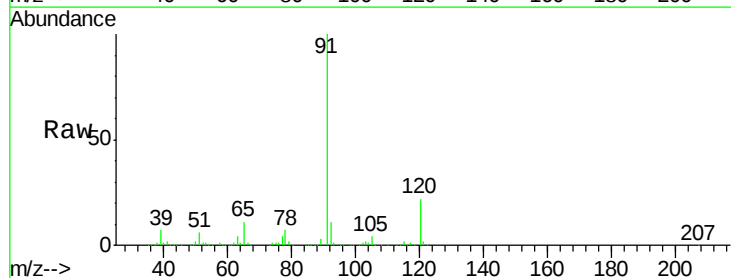
RT: 12.80 min Scan# 1788

Delta R.T. 0.00 min

Lab File: VW012659.D

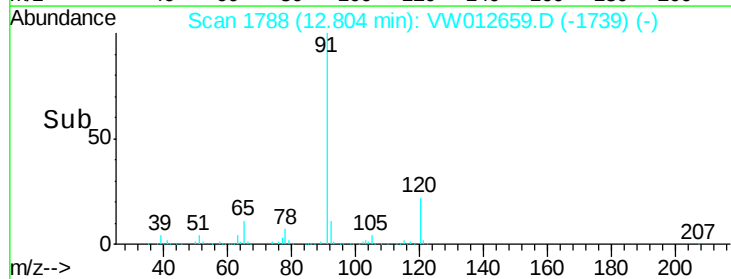
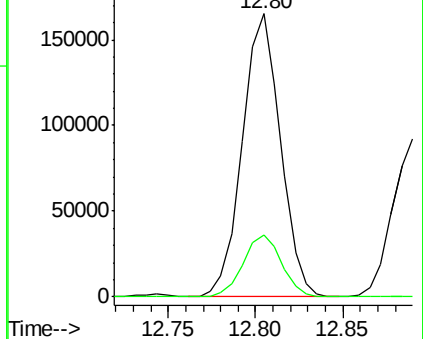
Acq: 06 Sep 2019 00:03

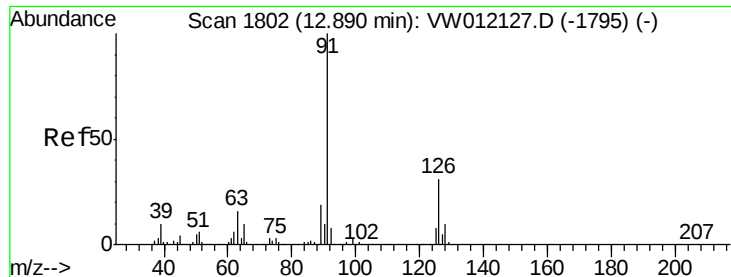
Tgt Ion:	91	Resp:	249332
Ion	Ratio	Lower	Upper
91	100		
120	22.1	10.5	31.6



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 23.693 ug/l

RT: 12.89 min Scan# 1802

Delta R.T. 0.00 min

Lab File: VW012659.D

Acq: 06 Sep 2019 00:03

Instrument :

MSVOA_W

ClientSampled :

VW0905SBS04

Tot Ion: 91 Resp: 154315

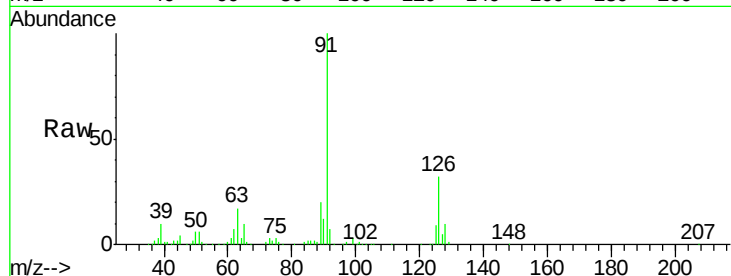
Ion Ratio Lower Upper

91 100

126 32.3 15.7 47.0

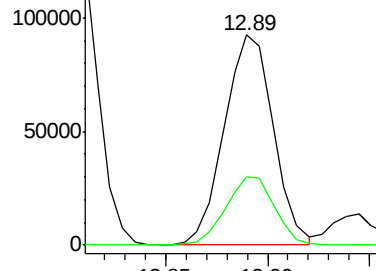
Manual Integrations
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MMDadoda

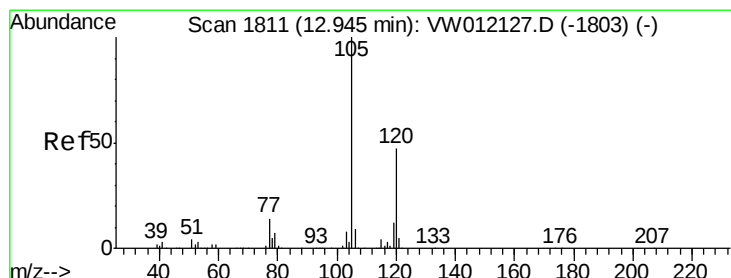
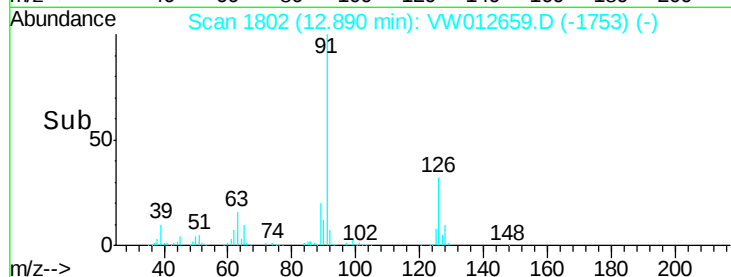


Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): V



9/6/2019 12:29:45 PM



#80

1,3,5-Trimethylbenzene

Concen: 24.345 ug/l

RT: 12.94 min Scan# 1811

Delta R.T. 0.00 min

Lab File: VW012659.D

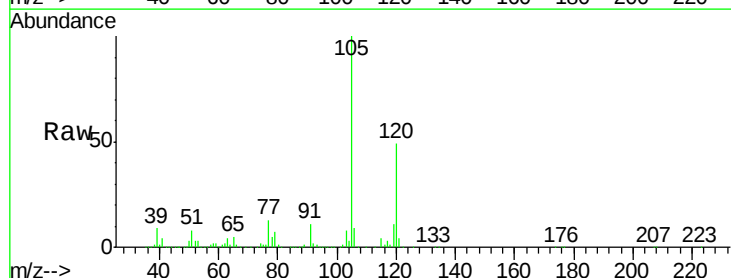
Acq: 06 Sep 2019 00:03

Tgt Ion: 105 Resp: 191156

Ion Ratio Lower Upper

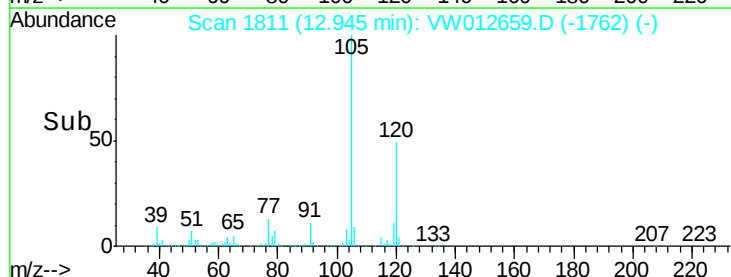
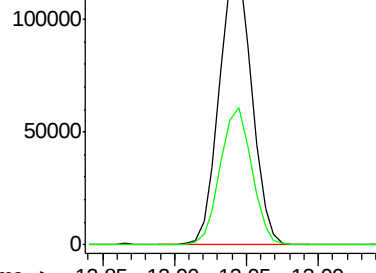
105 100

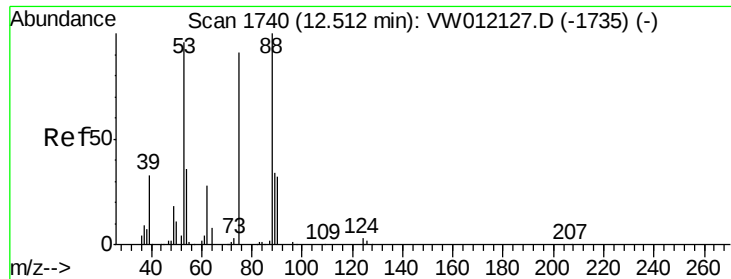
120 48.4 24.0 72.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





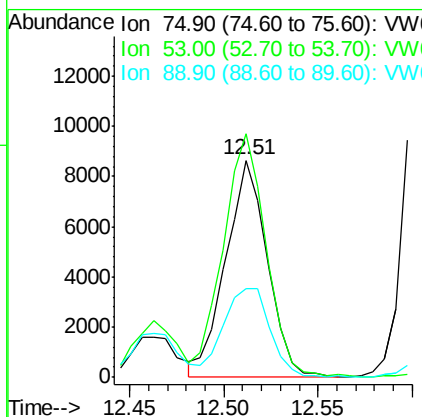
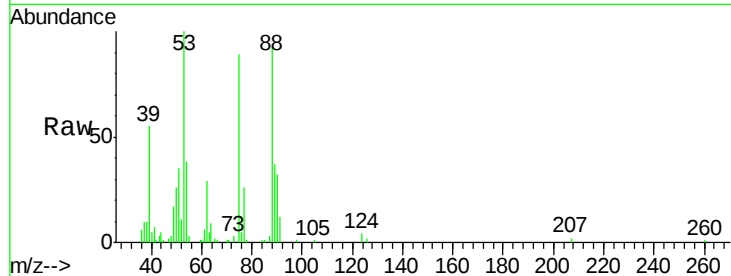
#81
trans-1,4-Dichloro-2-butene
Concen: 23.836 ug/l
RT: 12.51 min Scan# 1740
Delta R.T. 0.00 min
Lab File: VW012659.D
Acq: 06 Sep 2019 00:03

Instrument :
MSVOA_W
ClientSampleId :
VW0905SBS04

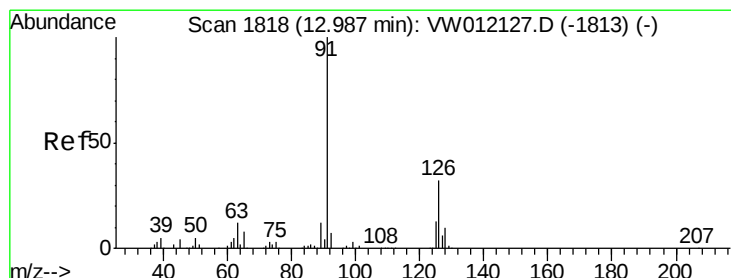
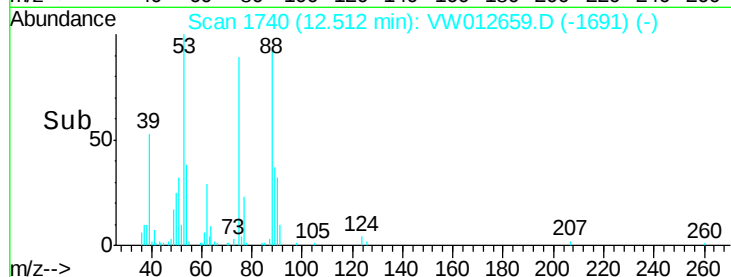
Tot Ion	Ratio	Lower	Upper
75	100		
53	116.0	89.4	134.0
89	45.6	34.5	51.7

Manual Integrations
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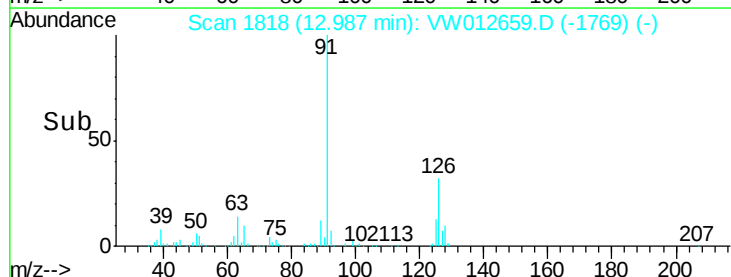
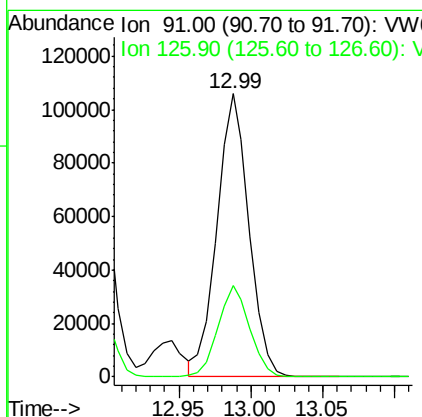
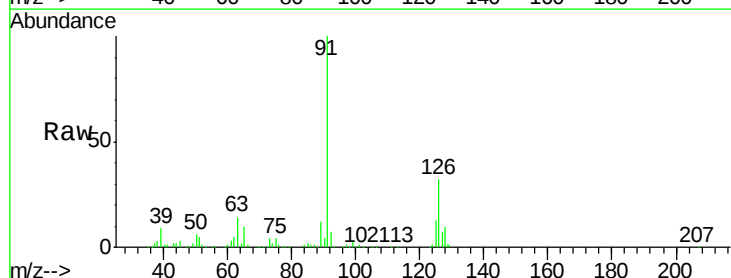


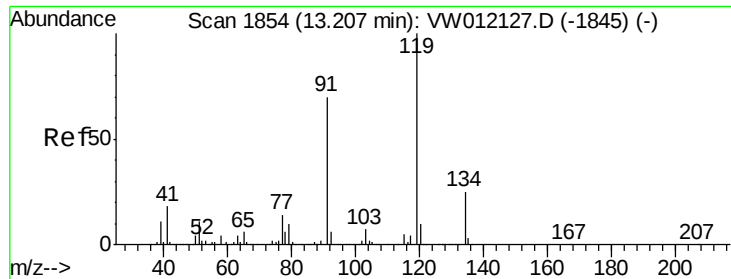
9/6/2019 12:29:45 PM



#82
4-Chlorotoluene
Concen: 24.061 ug/l
RT: 12.99 min Scan# 1818
Delta R.T. 0.00 min
Lab File: VW012659.D
Acq: 06 Sep 2019 00:03

Tgt Ion	Ratio	Lower	Upper
91	100		
126	32.0	15.6	46.8





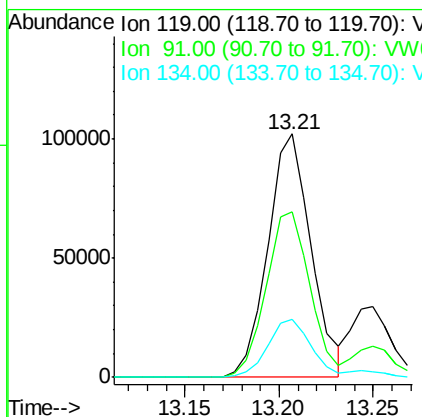
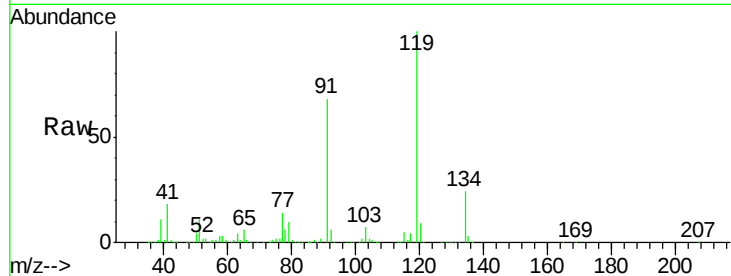
#83
tert-Butylbenzene
Concen: 24.475 ug/l
RT: 13.21 min Scan# 1854
Delta R.T. 0.00 min
Lab File: VW012659.D
Acq: 06 Sep 2019 00:03

Instrument :
MSVOA_W
ClientSampled :
VW0905SBS04

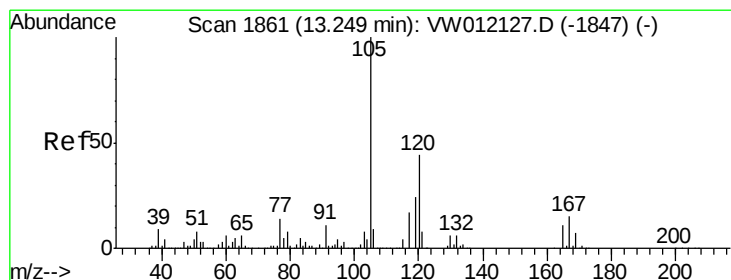
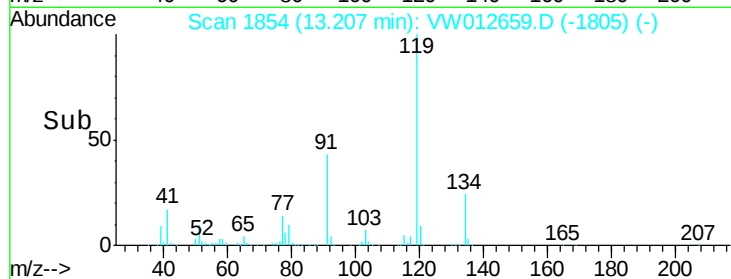
Tot Ion	Ratio	Lower	Upper
119	100		
91	68.8	34.8	104.3
134	24.3	13.3	39.8

Manual Integrations
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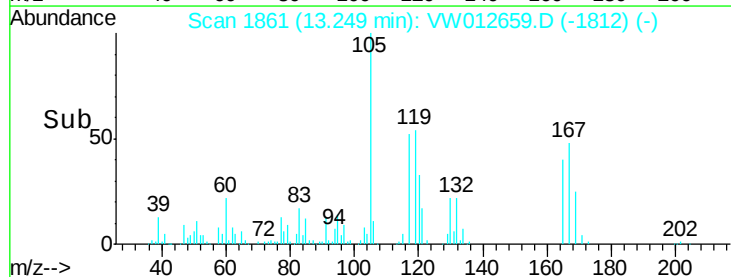
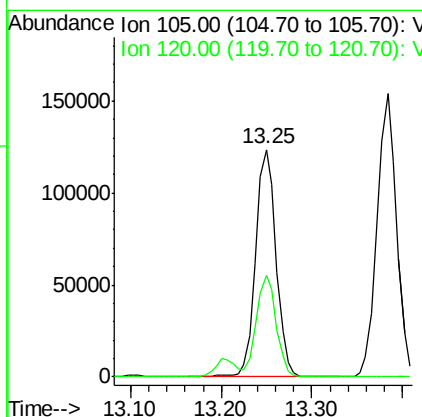
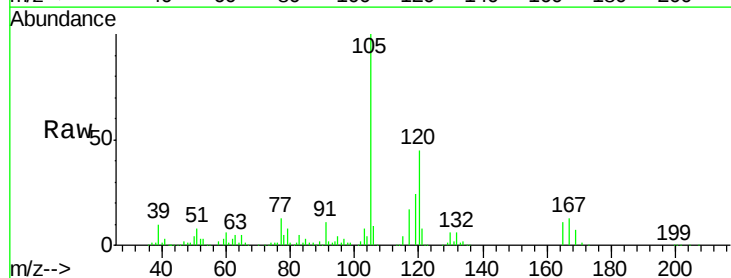


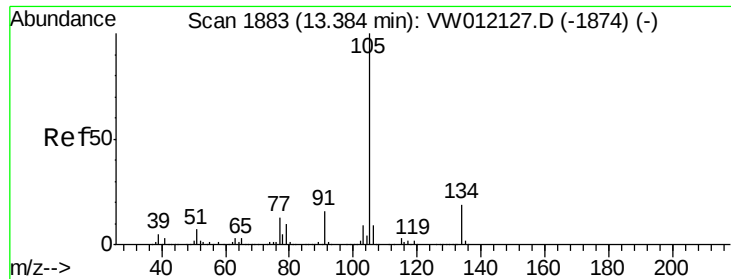
9/6/2019 12:29:45 PM



#84
1,2,4-Trimethylbenzene
Concen: 24.340 ug/l
RT: 13.25 min Scan# 1861
Delta R.T. 0.00 min
Lab File: VW012659.D
Acq: 06 Sep 2019 00:03

Tgt Ion	Ratio	Lower	Upper
105	100		
120	43.0	21.9	65.7





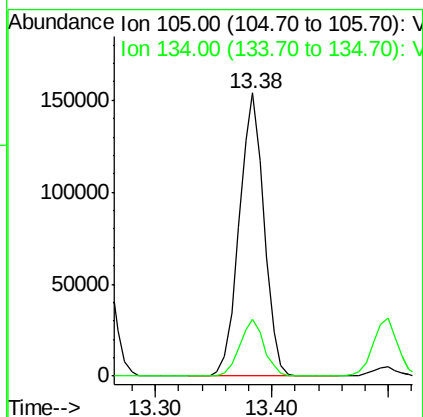
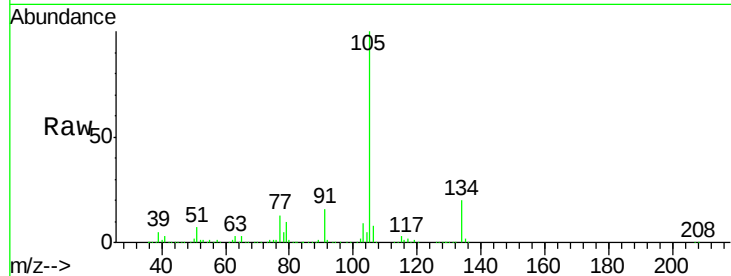
#85
 sec-Butylbenzene
 Concen: 24.002 ug/l
 RT: 13.38 min Scan# 1883
 Delta R.T. 0.00 min
 Lab File: VW012659.D
 Acq: 06 Sep 2019 00:03

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0905SBS04

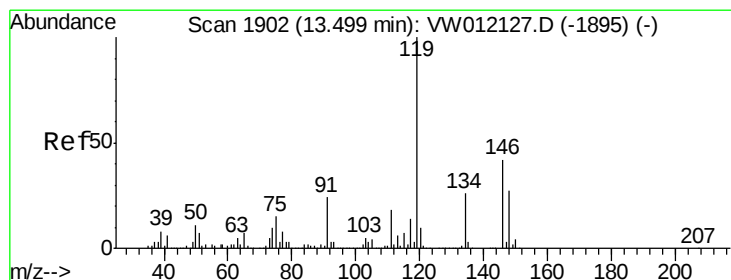
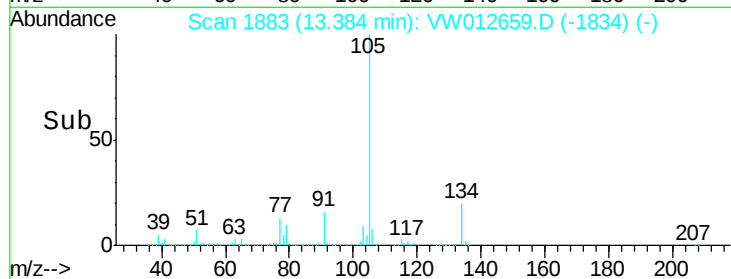
Tot Ion	Ratio	Lower	Upper
105	100		
134	19.7	9.8	29.4

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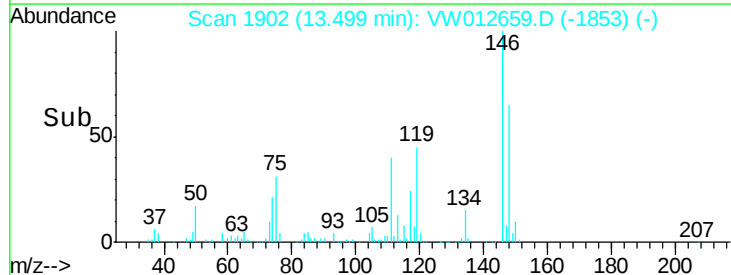
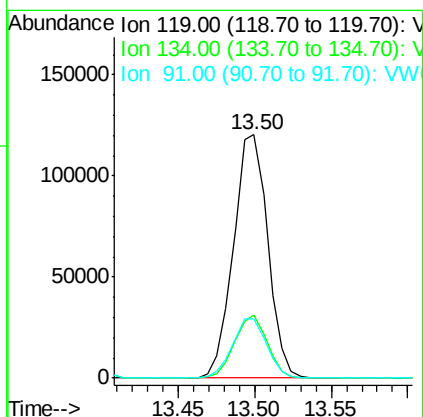
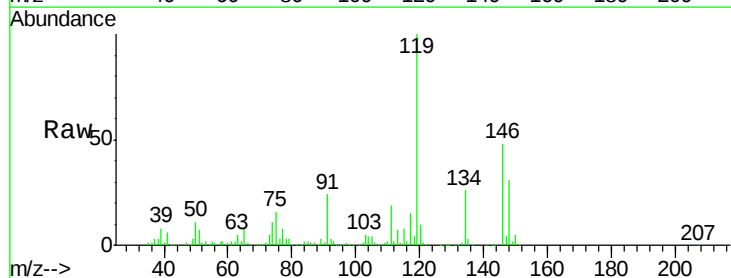


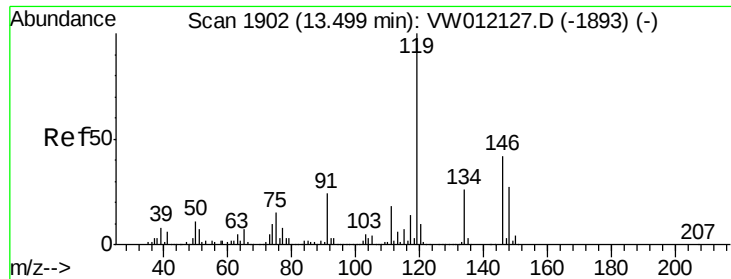
9/6/2019 12:29:45 PM



#86
 p-Isopropyltoluene
 Concen: 21.973 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. 0.00 min
 Lab File: VW012659.D
 Acq: 06 Sep 2019 00:03

Tgt Ion	Ratio	Lower	Upper
119	100		
134	24.5	12.8	38.3
91	24.6	12.3	36.9





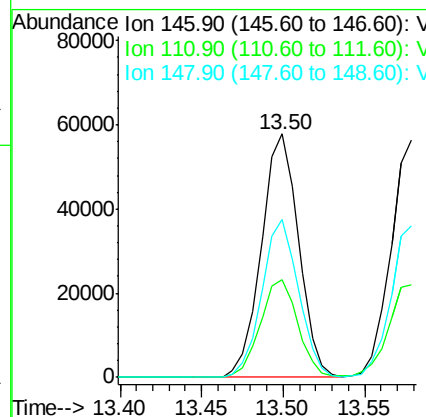
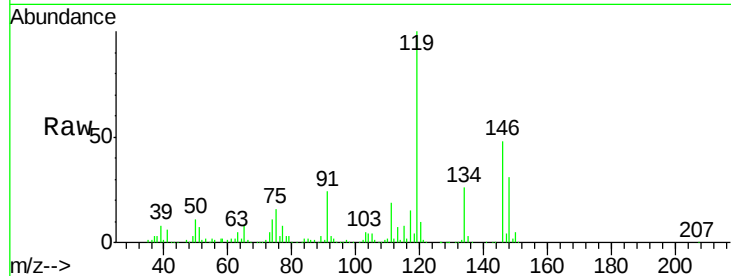
#87
 1,3-Dichlorobenzene
 Concen: 23.003 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. 0.00 min
 Lab File: VW012659.D
 Acq: 06 Sep 2019 00:03

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0905SBS04

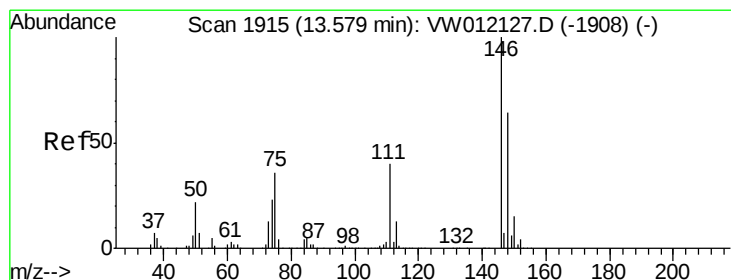
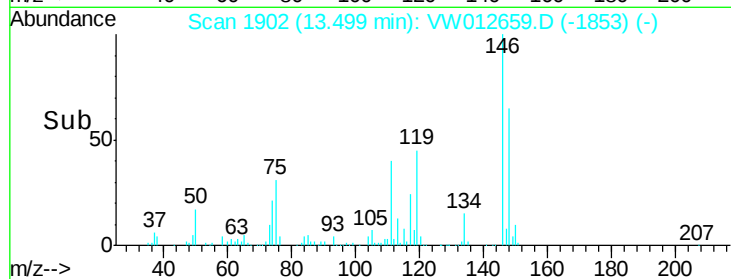
Tot Ion	Ratio	Lower	Upper
146	100		
111	40.7	20.9	62.7
148	64.0	32.2	96.6

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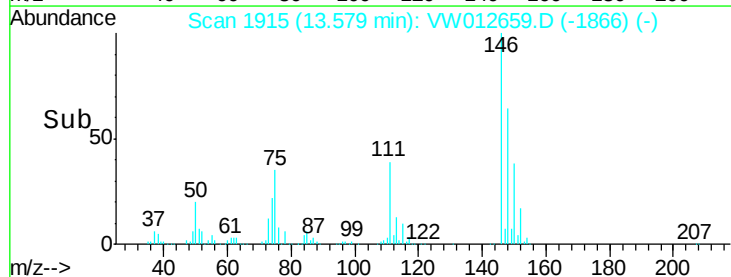
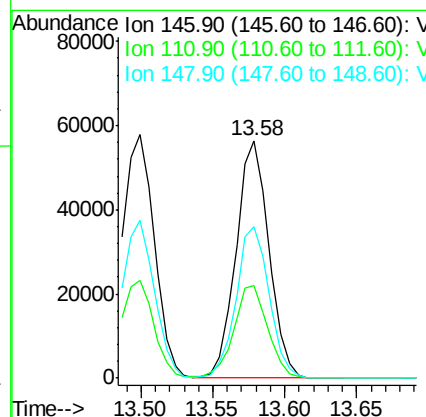
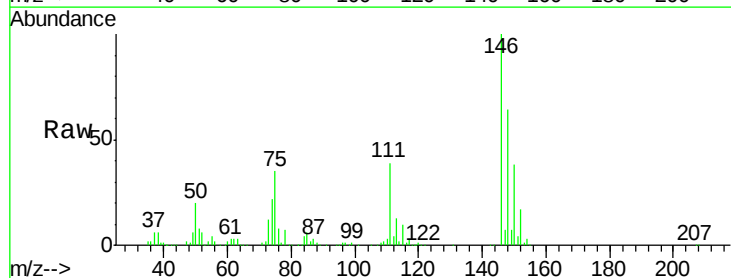


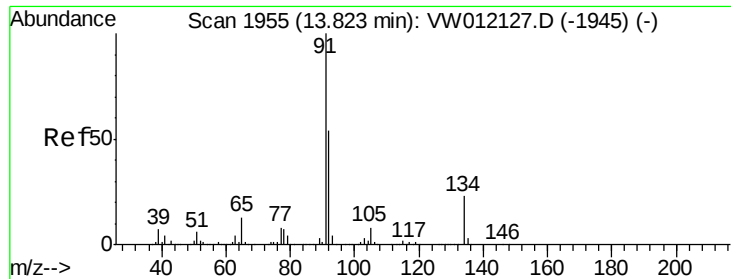
9/6/2019 12:29:45 PM



#88
 1,4-Dichlorobenzene
 Concen: 22.751 ug/l
 RT: 13.58 min Scan# 1915
 Delta R.T. 0.00 min
 Lab File: VW012659.D
 Acq: 06 Sep 2019 00:03

Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.6	20.0	60.0
148	64.3	32.1	96.3





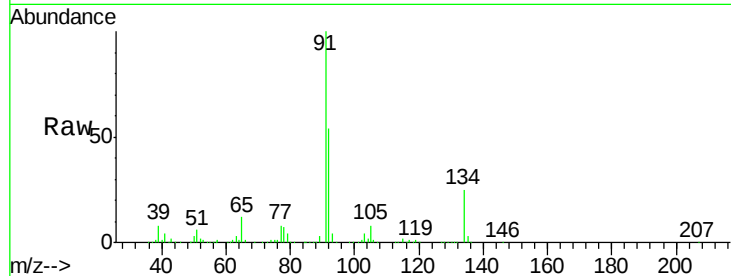
#89
n-Butylbenzene
Concen: 20.387 ug/l
RT: 13.82 min Scan# 1955
Delta R.T. 0.00 min
Lab File: VW012659.D
Acq: 06 Sep 2019 00:03

Instrument :
MSVOA_W
ClientSampleId :
VW0905SBS04

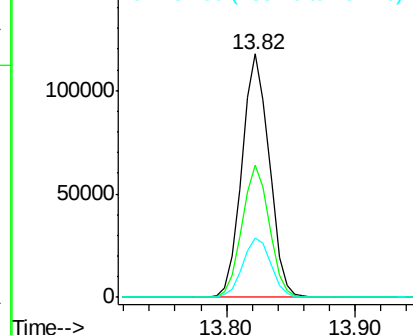
Tot Ion	Ratio	Lower	Upper
91	100		
92	54.1	27.1	81.2
134	25.1	12.2	36.4

Manual Integrations
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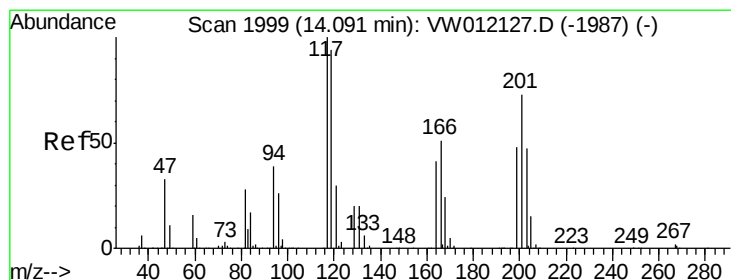
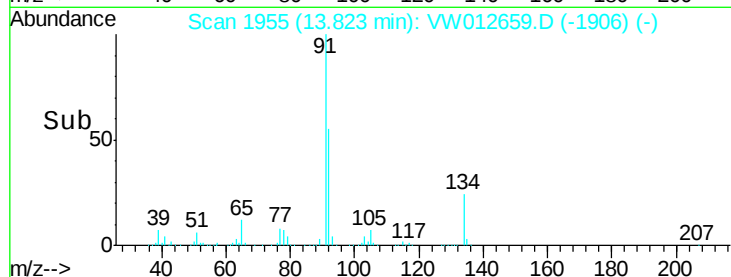
MMDadoda



Abundance Ion 91.00 (90.70 to 91.70): VW
Ion 92.00 (91.70 to 92.70): VW
Ion 134.00 (133.70 to 134.70): V

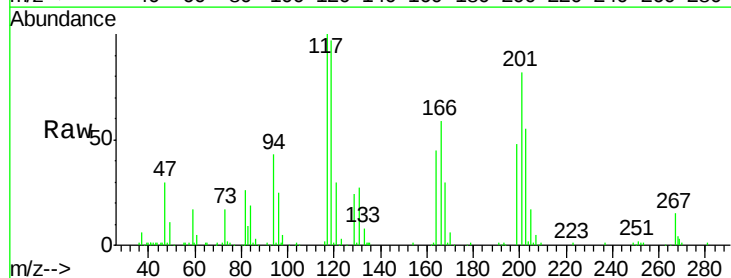


9/6/2019 12:29:45 PM

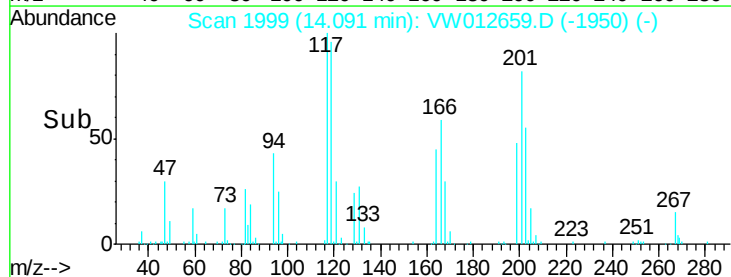
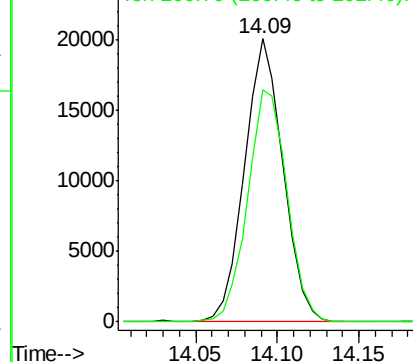


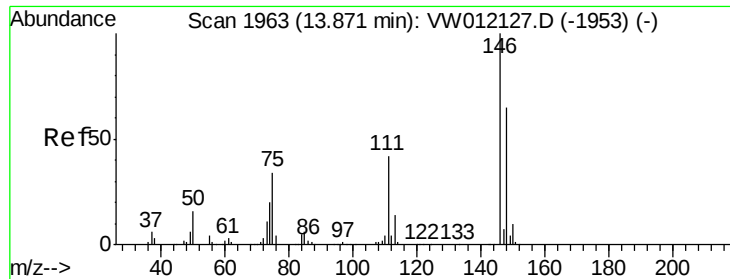
#90
Hexachloroethane
Concen: 22.122 ug/l
RT: 14.09 min Scan# 1999
Delta R.T. 0.00 min
Lab File: VW012659.D
Acq: 06 Sep 2019 00:03

Tgt Ion	Ratio	Lower	Upper
117	100		
201	84.1	38.6	115.7



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 200.70 (200.40 to 201.40): V





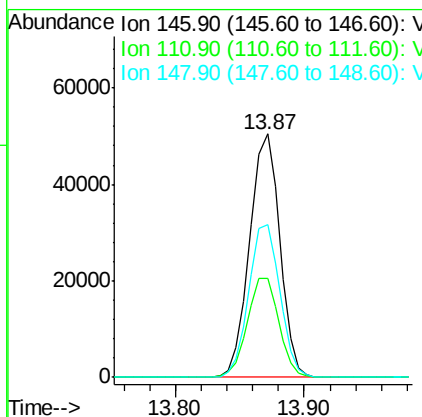
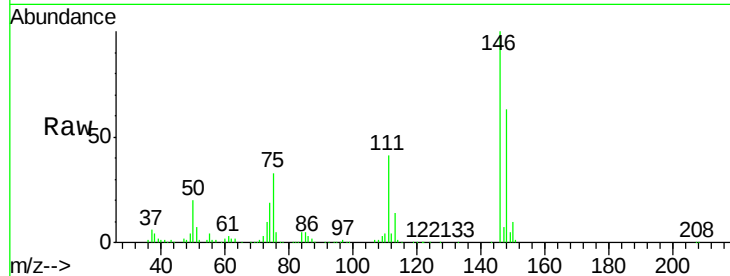
#91
 1,2-Dichlorobenzene
 Concen: 23.436 ug/l
 RT: 13.87 min Scan# 1963
 Delta R.T. 0.00 min
 Lab File: VW012659.D
 Acq: 06 Sep 2019 00:03

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0905SBS04

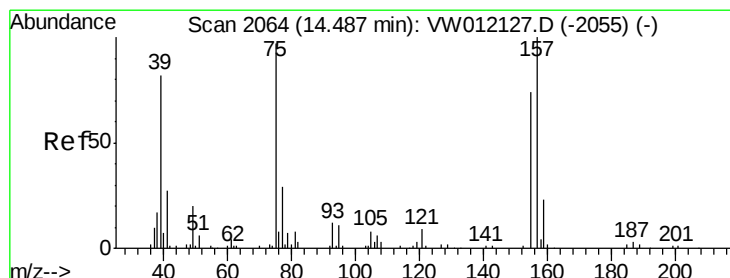
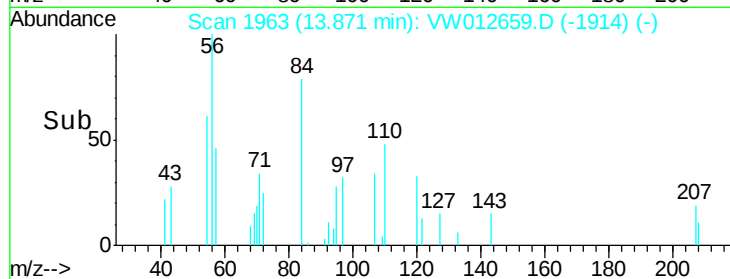
Tot Ion	Ratio	Lower	Upper
146	100		
111	42.5	21.2	63.6
148	64.9	32.5	97.4

Manual Integrations
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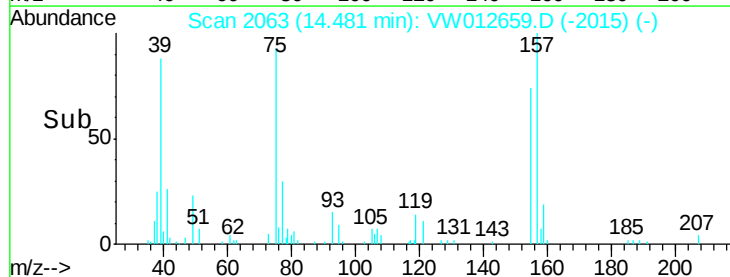
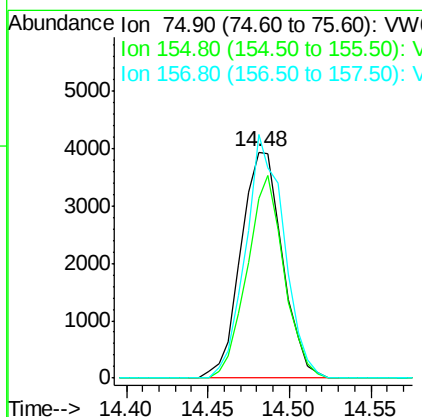
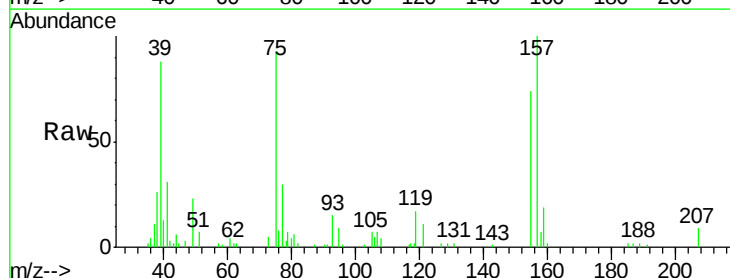


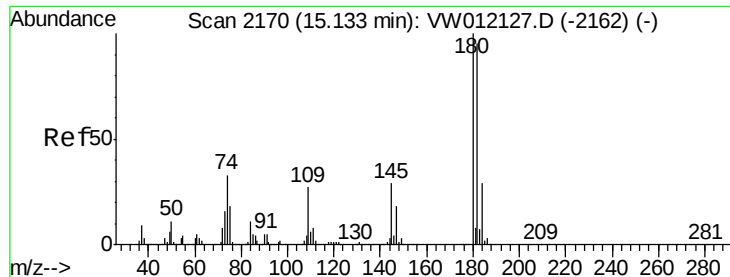
9/6/2019 12:29:45 PM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 24.058 ug/l
 RT: 14.48 min Scan# 2063
 Delta R.T. -0.01 min
 Lab File: VW012659.D
 Acq: 06 Sep 2019 00:03

Tgt Ion	Ratio	Lower	Upper
75	100		
155	79.8	37.5	112.3
157	99.6	50.5	151.5





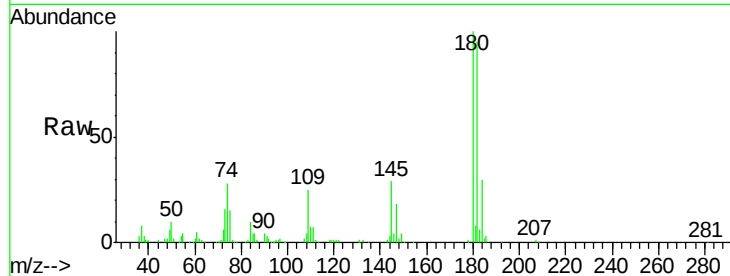
#93
 1,2,4-Trichlorobenzene
 Concen: 23.375 ug/l
 RT: 15.13 min Scan# 2170
 Delta R.T. 0.00 min
 Lab File: VW012659.D
 Acq: 06 Sep 2019 00:03

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0905SBS04

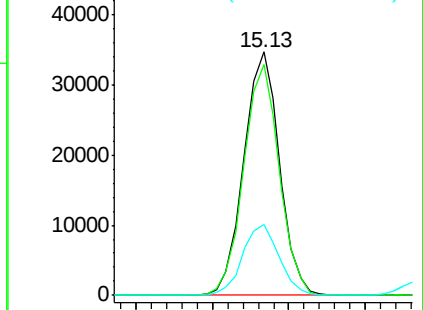
Tot Ion	Ratio	Resp	Lower	Upper
180	100	56348		
182	94.7	47.8	143.4	
145	29.7	15.0	45.1	

Manual Integrations
 APPROVED

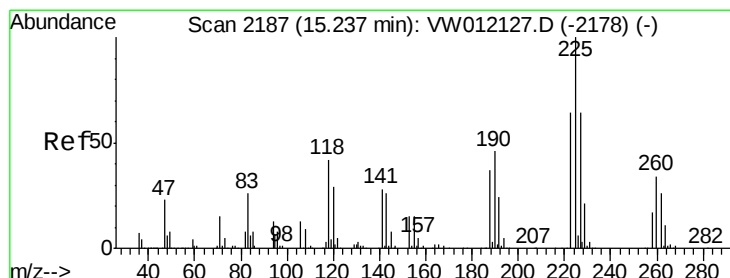
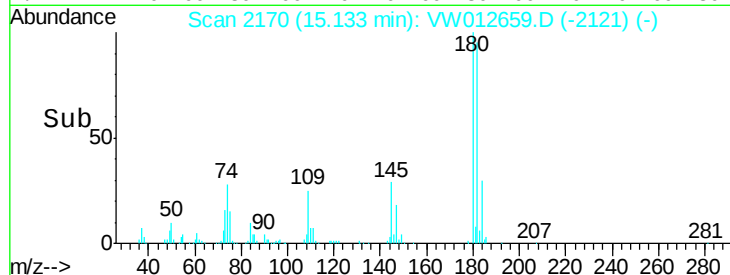
MMDadoda



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

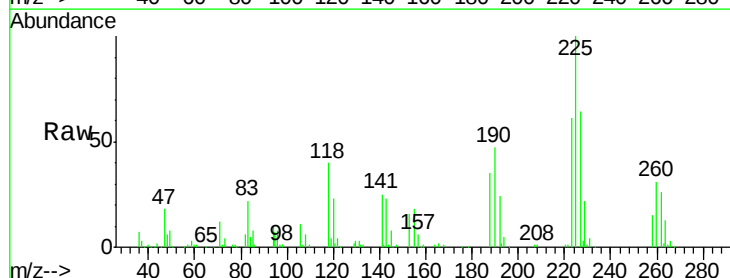


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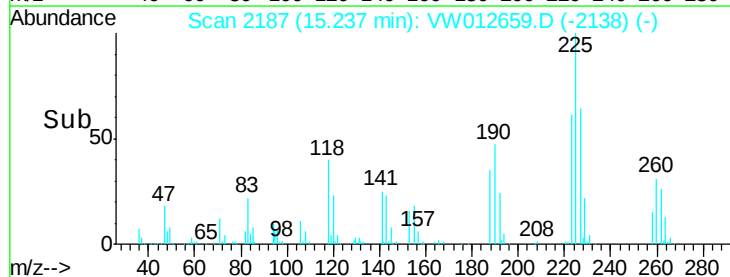
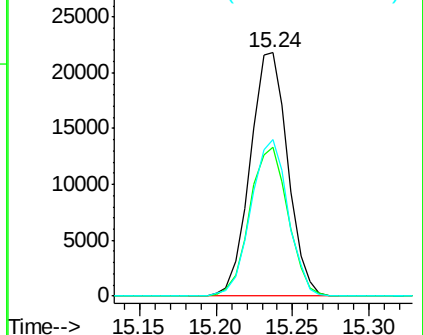


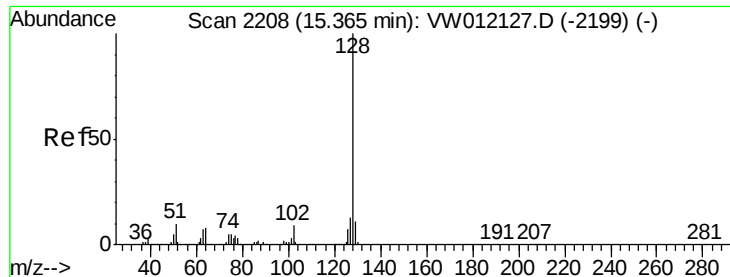
#94
 Hexachlorobutadiene
 Concen: 23.464 ug/l
 RT: 15.24 min Scan# 2187
 Delta R.T. 0.00 min
 Lab File: VW012659.D
 Acq: 06 Sep 2019 00:03

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	37348		
223	62.3	32.3	96.8	
227	63.6	32.9	98.6	



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





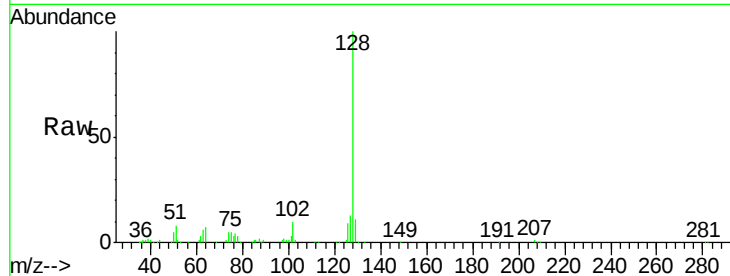
#95
Naphthalene
Concen: 23.920 ug/l
RT: 15.36 min Scan# 2208
Delta R.T. 0.00 min
Lab File: VW012659.D
Acq: 06 Sep 2019 00:03

Instrument :
MSVOA_W
ClientSampleId :
VW0905SBS04

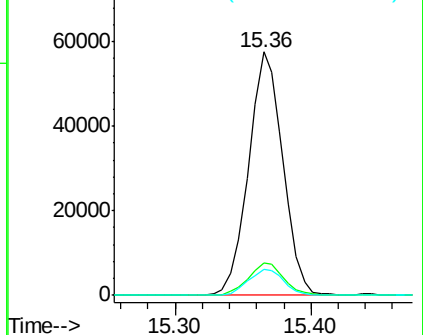
Tot Ion	Ratio	Lower	Upper
128	100		
127	13.8	10.7	16.1
129	11.0	8.7	13.1

Manual Integrations
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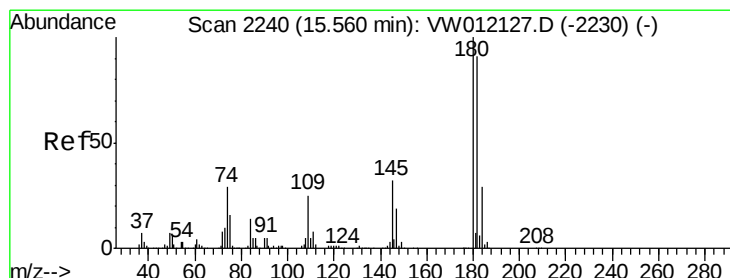
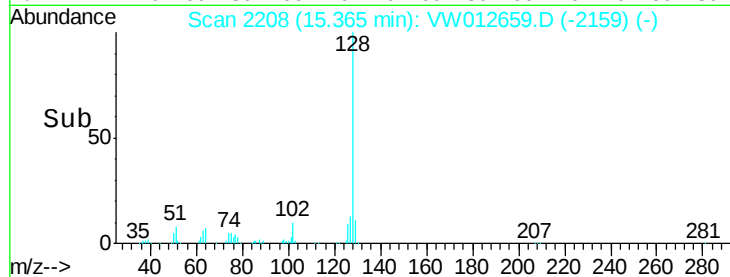
MMDadoda



Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V

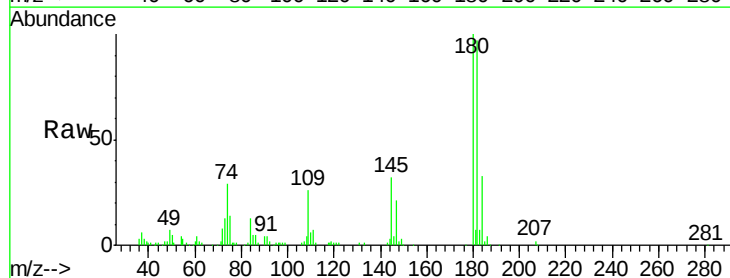


9/6/2019 12:29:45 PM



#96
1,2,3-Trichlorobenzene
Concen: 24.096 ug/l
RT: 15.56 min Scan# 2240
Delta R.T. 0.00 min
Lab File: VW012659.D
Acq: 06 Sep 2019 00:03

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.2	47.1	141.3
145	31.6	16.2	48.5



Abundance Ion 179.80 (179.50 to 180.50): V
Ion 181.80 (181.50 to 182.50): V
Ion 144.90 (144.60 to 145.60): V

