

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW111319\
 Data File : VW013999.D
 Acq On : 13 Nov 2019 11:55
 Operator : SY/VA
 Sample : VW1113SBS02
 Misc : 5.00G/5.0ML/MSVOA W/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1113SBS02

Manual Integrations
 APPROVED

MMDadoda
 11/15/2019 10:50:07 AM

Quant Time: Nov 14 06:24:27 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W102319S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 23 14:11:46 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	272731	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	383565	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	331873	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	171034	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.30	65	115573	56.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	112.98%	
35) Dibromofluoromethane	7.88	113	113432	53.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.44%	
50) Toluene-d8	10.32	98	460536	53.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.06%	
62) 4-Bromofluorobenzene	12.62	95	156662	53.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.56%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	33323	23.192	ug/l	100
3) Chloromethane	2.21	50	31333	20.291	ug/l	97
4) Vinyl Chloride	2.36	62	53073	22.759	ug/l	99
5) Bromomethane	2.76	94	33130	21.601	ug/l	99
6) Chloroethane	2.92	64	30801	21.828	ug/l	95
7) Trichlorofluoromethane	3.25	101	32461	22.286	ug/l	93
8) Diethyl Ether	3.68	74	25708	21.846	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.07	101	52932	22.354	ug/l	98
10) Methyl Iodide	4.27	142	79032	20.482	ug/l	100
11) Tert butyl alcohol	5.16	59	22275	182.377	ug/l	96
12) 1,1-Dichloroethene	4.04	96	51881	21.211	ug/l	98
13) Acrolein	3.89	56	13324	95.220	ug/l	99
14) Allyl chloride	4.67	41	78040	20.749	ug/l	99
15) Acrylonitrile	5.36	53	66849	139.701	ug/l	100
16) Acetone	4.12	43	60044	138.414	ug/l	99
17) Carbon Disulfide	4.38	76	151156	21.518	ug/l	99
18) Methyl Acetate	4.66	43	34891	29.341	ug/l	99
19) Methyl tert-butyl Ether	5.42	73	66948	22.809	ug/l	98
20) Methylene Chloride	4.91	84	57596	21.417	ug/l	96
21) trans-1,2-Dichloroethene	5.42	96	54904	20.855	ug/l	96
22) Diisopropyl ether	6.31	45	144586	21.075	ug/l	97
23) Vinyl Acetate	6.25	43	464617	116.714	ug/l	98
24) 1,1-Dichloroethane	6.21	63	89637	20.630	ug/l	97
25) 2-Butanone	7.17	43	88293	141.570	ug/l	92
26) 2,2-Dichloropropane	7.16	77	54027	21.503	ug/l	99
27) cis-1,2-Dichloroethene	7.16	96	57153	20.439	ug/l	98
28) Bromochloromethane	7.51	49	25624	17.449	ug/l #	99
29) Tetrahydrofuran	7.52	42	58986	152.767	ug/l	98
30) Chloroform	7.68	83	90079	20.972	ug/l	97
31) Cyclohexane	7.95	56	94914	20.874	ug/l	99
32) 1,1,1-Trichloroethane	7.87	97	74318	22.049	ug/l	97
36) 1,1-Dichloropropene	8.08	75	76616	21.448	ug/l	98
37) Ethyl Acetate	7.24	43	38686	28.291	ug/l	98
38) Carbon Tetrachloride	8.07	117	70731	21.988	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	97029	21.033	ug/l	98
40) Benzene	8.32	78	211643	20.936	ug/l	96
41) Methacrylonitrile	7.48	41	22878	26.830	ug/l	91
42) 1,2-Dichloroethane	8.40	62	56433	22.152	ug/l	100
43) Isopropyl Acetate	8.42	43	68346	26.112	ug/l	97
44) Trichloroethene	9.09	130	59344	20.493	ug/l	97
45) 1,2-Dichloropropane	9.37	63	50415	20.879	ug/l	100
46) Dibromomethane	9.46	93	27226	23.231	ug/l	97
47) Bromodichloromethane	9.64	83	63352	20.892	ug/l	97
48) Methyl methacrylate	9.43	41	33552	25.849	ug/l	100
49) 1,4-Dioxane	9.44	88	12059	696.315	ug/l #	95
51) 4-Methyl-2-Pentanone	10.21	43	182487	140.304	ug/l	100
52) Toluene	10.38	92	137097	21.024	ug/l	99
53) t-1,3-Dichloropropene	10.60	75	66993	21.823	ug/l	96
54) cis-1,3-Dichloropropene	10.07	75	79765	21.060	ug/l	97
55) 1,1,2-Trichloroethane	10.79	97	39856	22.819	ug/l	98
56) Ethyl methacrylate	10.65	69	52793	24.159	ug/l	97
57) 1,3-Dichloropropane	10.93	76	67897	22.652	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.92	63	118315	117.640	ug/l	99
59) 2-Hexanone	10.97	43	126256	140.807	ug/l	100
60) Dibromochloromethane	11.13	129	45478	21.930	ug/l	99
61) 1,2-Dibromoethane	11.23	107	39142	23.687	ug/l	100
64) Tetrachloroethene	10.86	164	52473	20.694	ug/l	97
65) Chlorobenzene	11.66	112	138107	20.251	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.73	131	49121	20.638	ug/l	98
67) Ethyl Benzene	11.73	91	255798	20.801	ug/l	96
68) m/p-Xylenes	11.84	106	196078	41.270	ug/l	98
69) o-Xylene	12.16	106	89909	20.588	ug/l	99
70) Styrene	12.18	104	153667	20.480	ug/l	99
71) Bromoform	12.35	173	29650	23.739	ug/l #	100
73) Isopropylbenzene	12.46	105	254831	20.747	ug/l	100
74) N-amyl acetate	12.27	43	60249	25.358	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.71	83	47452	24.482	ug/l	97
76) 1,2,3-Trichloropropane	12.77	75	31707m	25.814	ug/l	
77) Bromobenzene	12.74	156	59940	20.429	ug/l	96
78) n-propylbenzene	12.80	91	290448	20.431	ug/l	100
79) 2-Chlorotoluene	12.89	91	161199	20.177	ug/l	100
80) 1,3,5-Trimethylbenzene	12.94	105	211245	20.374	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.51	75	15709	24.171	ug/l	99
82) 4-Chlorotoluene	12.99	91	168856	20.132	ug/l	98
83) tert-Butylbenzene	13.21	119	187768	20.402	ug/l	98
84) 1,2,4-Trimethylbenzene	13.25	105	208332	20.369	ug/l	98
85) sec-Butylbenzene	13.38	105	258652	20.552	ug/l	99
86) p-Isopropyltoluene	13.50	119	237246	20.237	ug/l	100
87) 1,3-Dichlorobenzene	13.50	146	114351	20.115	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	113855	20.159	ug/l	98
89) n-Butylbenzene	13.82	91	212597	20.090	ug/l	98
90) Hexachloroethane	14.09	117	41065	20.152	ug/l	99
91) 1,2-Dichlorobenzene	13.87	146	104097	21.118	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	8678	29.608	ug/l	91

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QLast Update : Wed Oct 23 14:11:46 2019
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	66947	18.662	ug/l	97
94) Hexachlorobutadiene	15.24	225	51115	21.107	ug/l	98
95) Naphthalene	15.36	128	113399	20.162	ug/l	99
96) 1,2,3-Trichlorobenzene	15.55	180	59432	19.227	ug/l	100

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

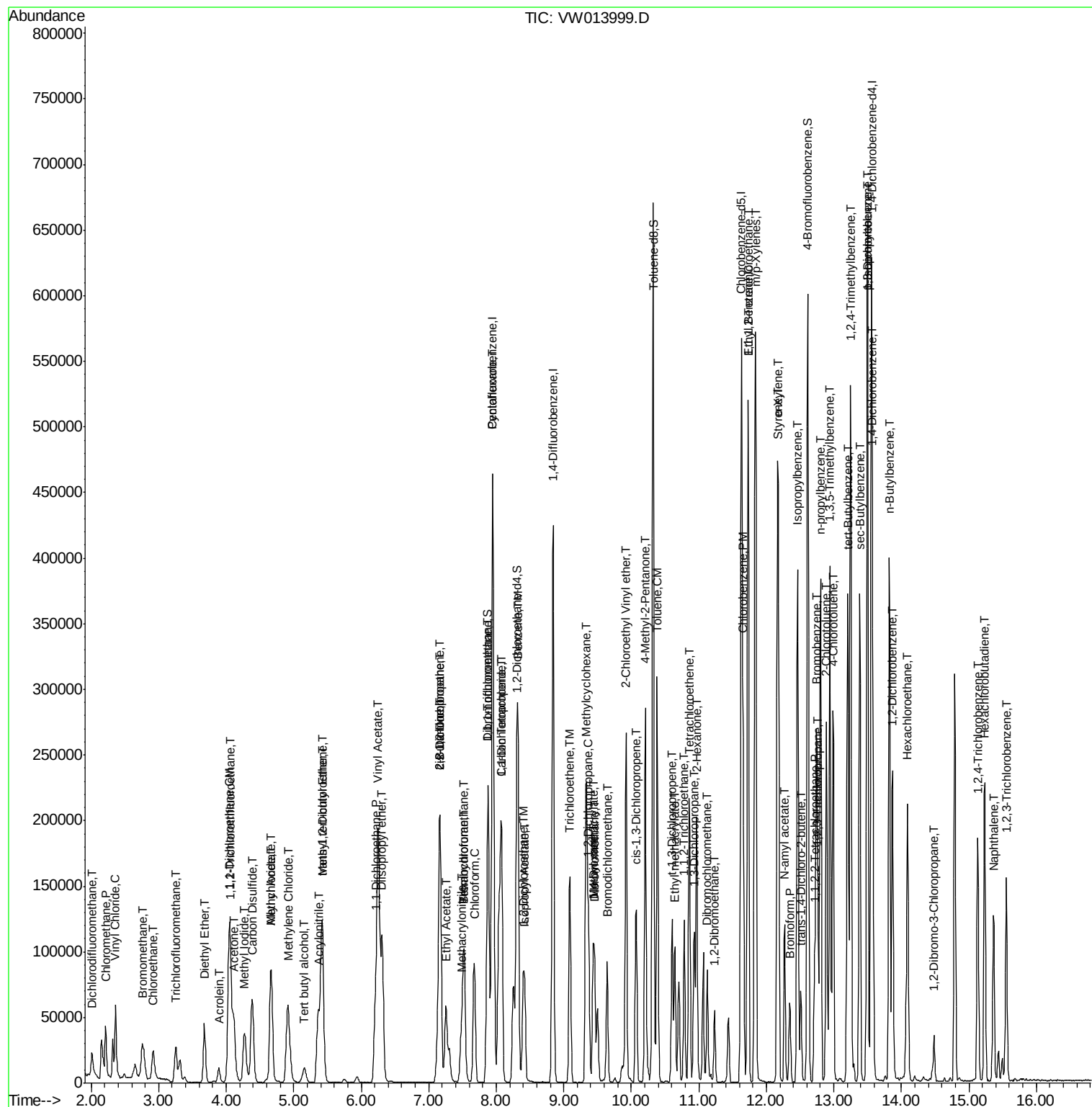
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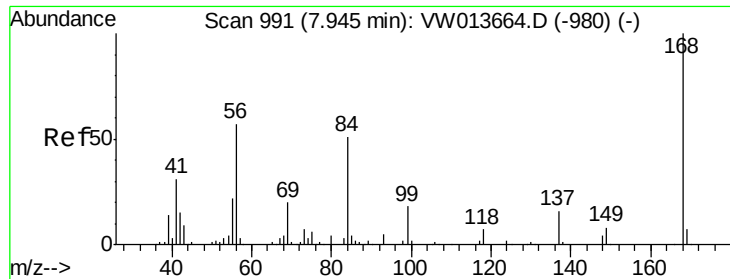
Instrument :
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.00 min

Lab File: VW013999.D

Acq: 13 Nov 2019 11:55

Instrument :

MSVOA_W

ClientSampleId :

VW1113SBS02

Tot Ion:168 Resp: 272731

Ion Ratio Lower Upper

168 100

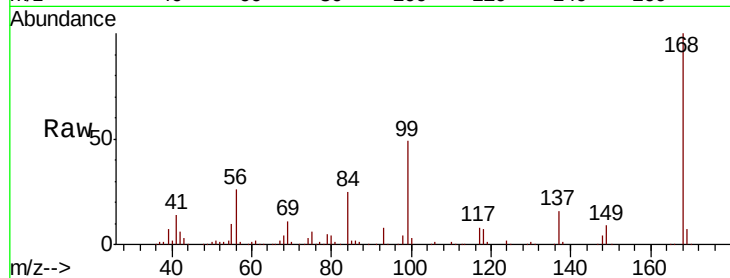
99 48.6 39.0 58.6

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

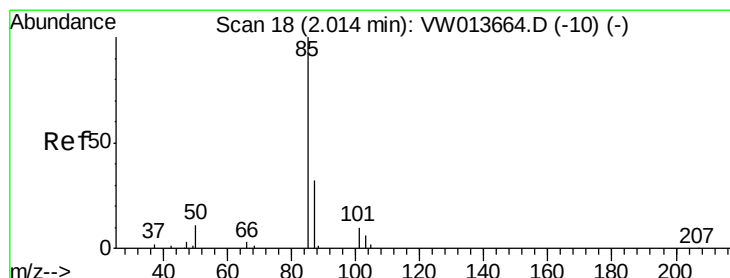
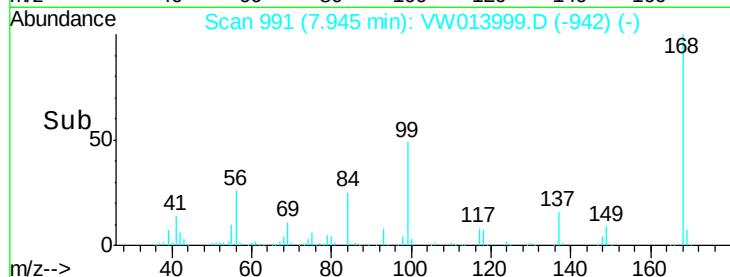
7.95

100000

50000

0

Time--> 7.80 7.90 8.00 8.10



#2

Dichlorodifluoromethane

Concen: 23.192 ug/l

RT: 2.01 min Scan# 17

Delta R.T. -0.01 min

Lab File: VW013999.D

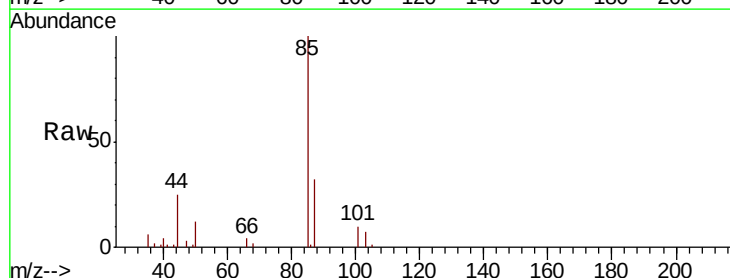
Acq: 13 Nov 2019 11:55

Tgt Ion: 85 Resp: 33323

Ion Ratio Lower Upper

85 100

87 32.2 16.0 48.0



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.01

12000

10000

8000

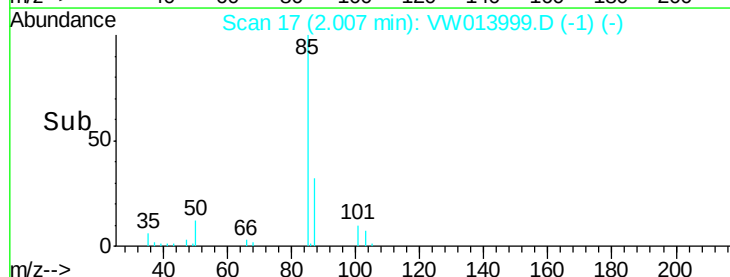
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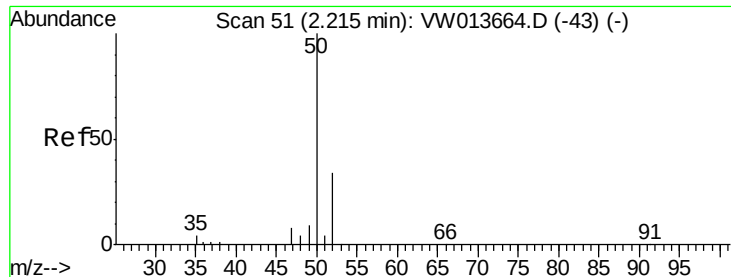
4000

2000

0

Time--> 1.90 2.00 2.10 2.20





#3

Chloromethane

Concen: 20.291 ug/l

RT: 2.21 min Scan# 51

Delta R.T. -0.00 min

Lab File: VW013999.D

Acq: 13 Nov 2019 11:55

Instrument :

MSVOA_W

ClientSampleId :

VW1113SBS02

Tot Ion: 50 Resp: 31333

Ion Ratio Lower Upper

50 100

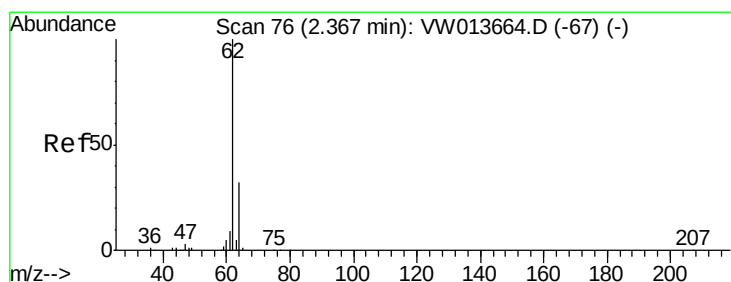
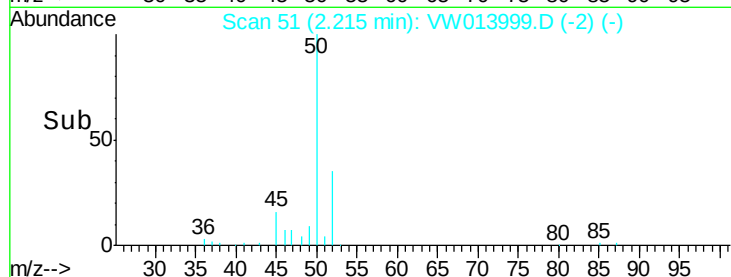
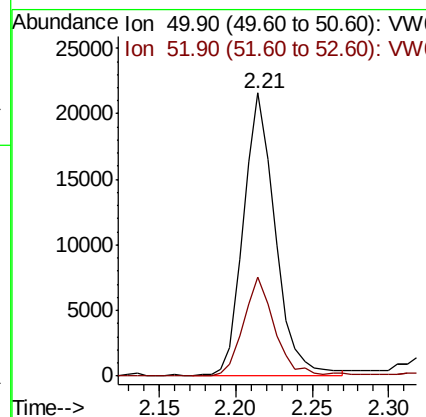
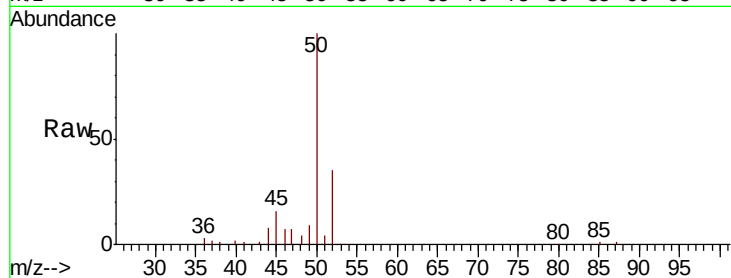
52 35.2 26.9 40.3

Manual Integrations

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#4

Vinyl Chloride

Concen: 22.759 ug/l

RT: 2.36 min Scan# 75

Delta R.T. -0.01 min

Lab File: VW013999.D

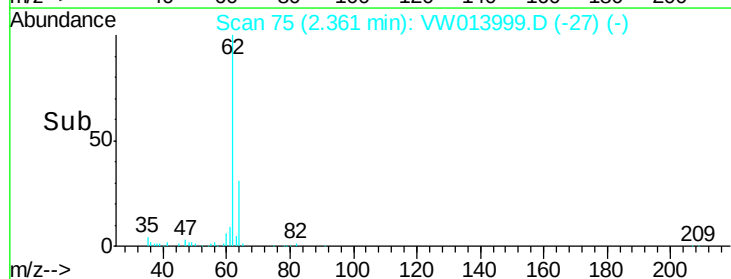
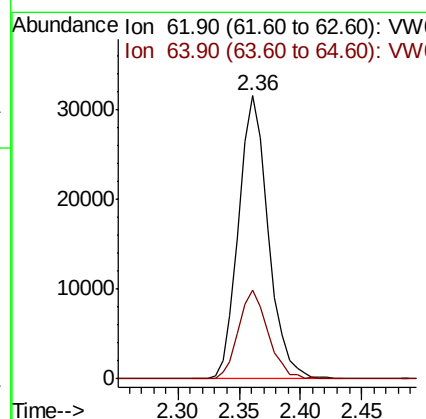
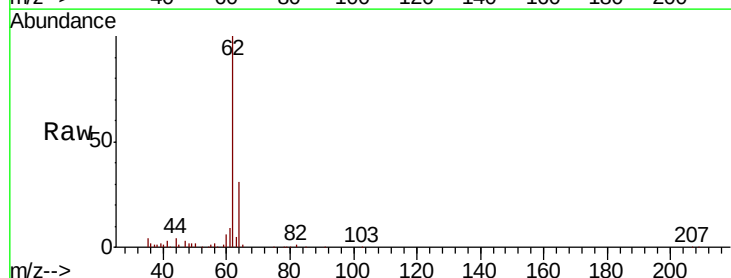
Acq: 13 Nov 2019 11:55

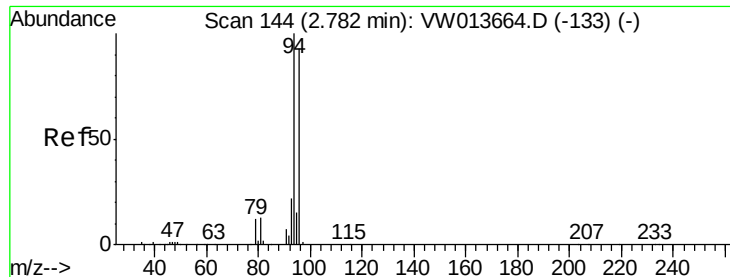
Tgt Ion: 62 Resp: 53073

Ion Ratio Lower Upper

62 100

64 31.3 25.5 38.3





#5

Bromomethane

Concen: 21.601 ug/l

RT: 2.76 min Scan# 140

Delta R.T. -0.02 min

Lab File: VW013999.D

Acq: 13 Nov 2019 11:55

Instrument :

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ClientSampleId :

VW1113SBS02

Tot Ion: 94 Resp: 33130

Ion Ratio Lower Upper

94 100

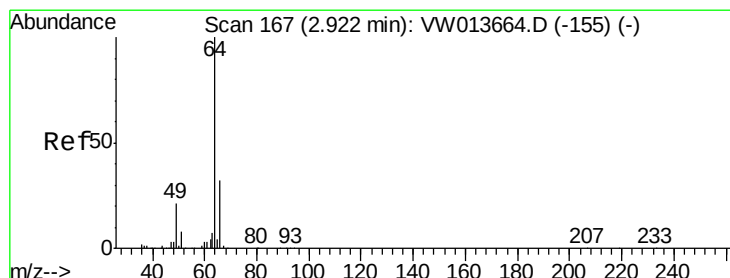
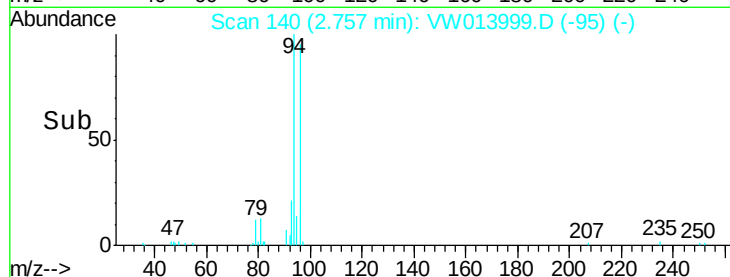
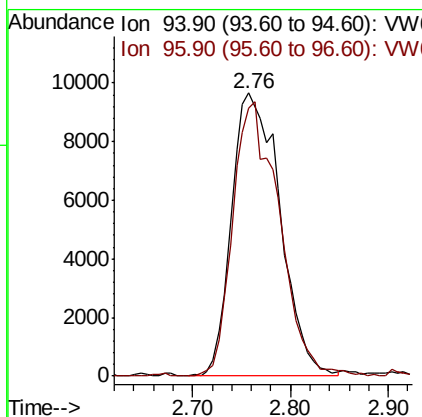
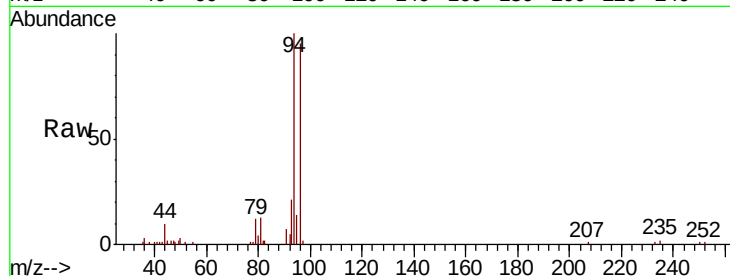
96 94.7 74.6 112.0

Manual Integrations

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#6

Chloroethane

Concen: 21.828 ug/l

RT: 2.92 min Scan# 166

Delta R.T. -0.01 min

Lab File: VW013999.D

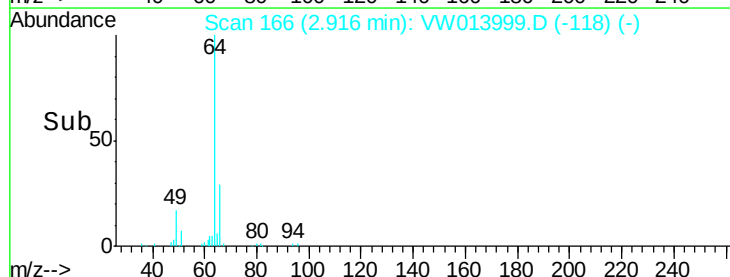
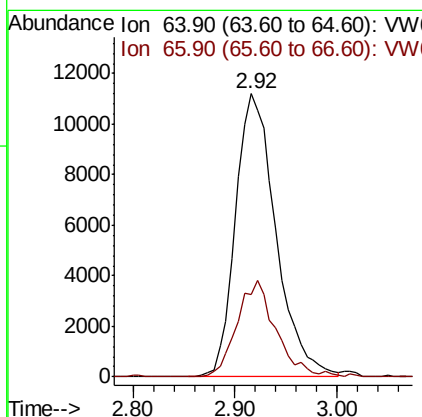
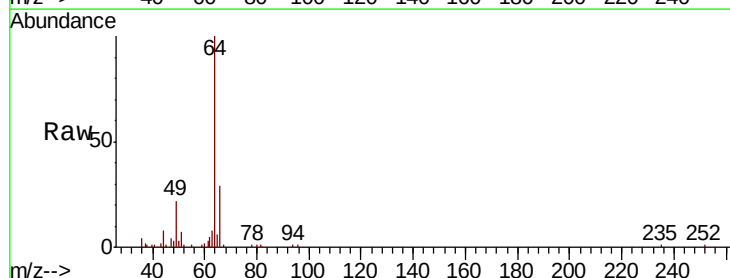
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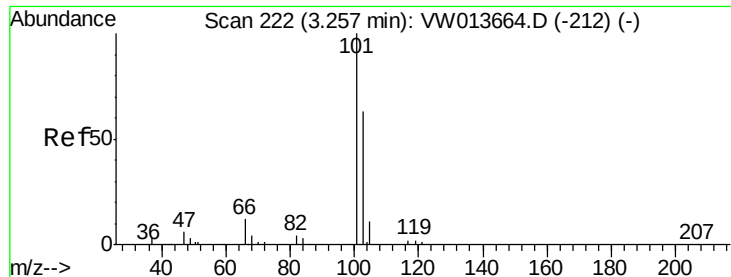
Tgt Ion: 64 Resp: 30801

Ion Ratio Lower Upper

64 100

66 29.0 25.4 38.0





#7

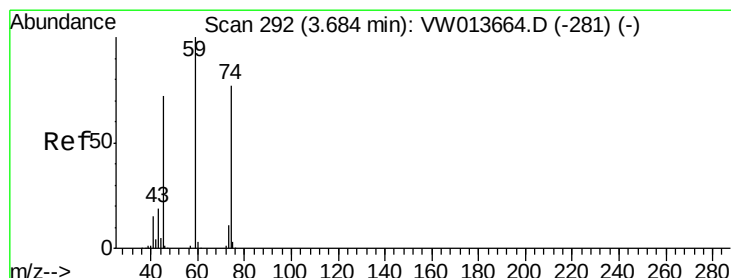
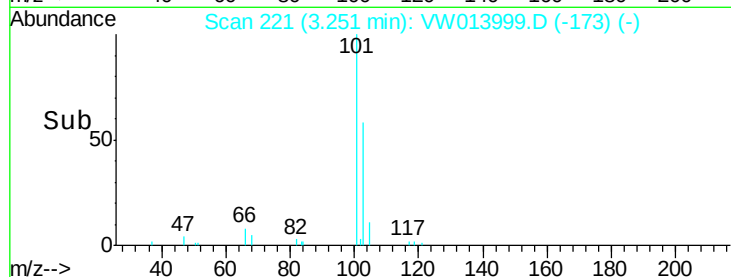
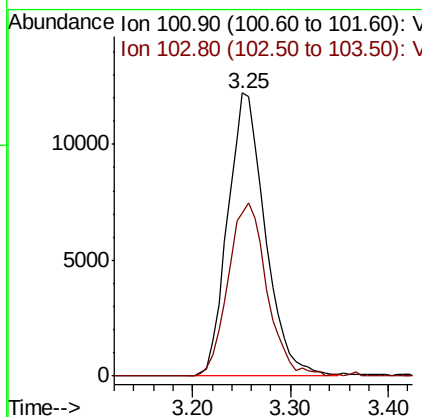
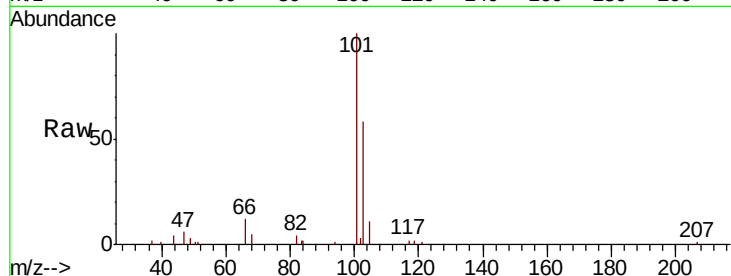
Trichlorofluoromethane
 Concen: 22.286 ug/l
 RT: 3.25 min Scan# 221
 Delta R.T. -0.01 min
 Lab File: VW013999.D
 Acq: 13 Nov 2019 11:55

Instrument :
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Tot Ion	Ratio	Lower	Upper
101	100		
103	57.7	50.6	76.0

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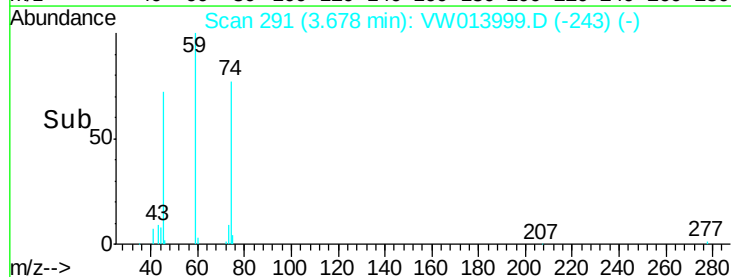
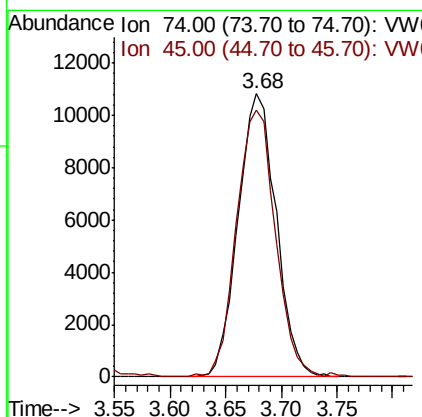
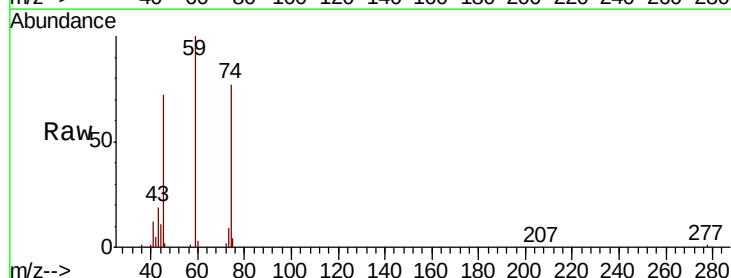
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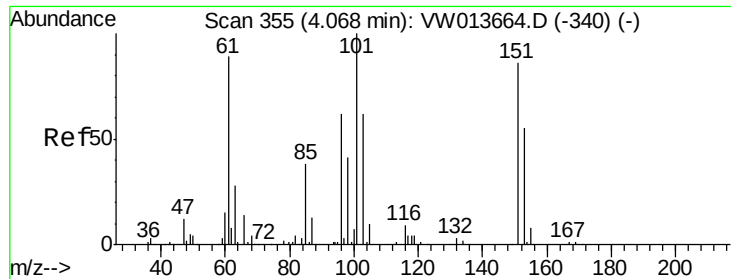


#8

Diethyl Ether
 Concen: 21.846 ug/l
 RT: 3.68 min Scan# 291
 Delta R.T. -0.01 min
 Lab File: VW013999.D
 Acq: 13 Nov 2019 11:55

Tgt Ion	Ratio	Lower	Upper
74	100		
45	96.2	47.9	143.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 22.354 ug/l

RT: 4.07 min Scan# 355

Delta R.T. -0.00 min

Lab File: VW013999.D

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MSVOA_W

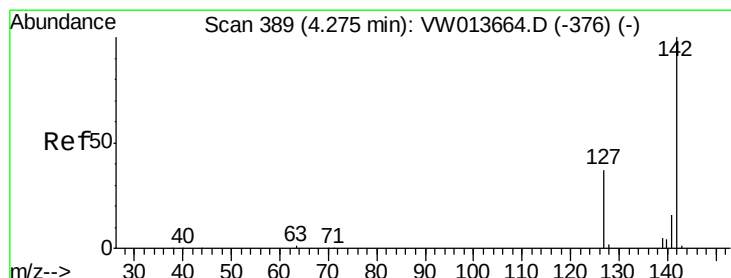
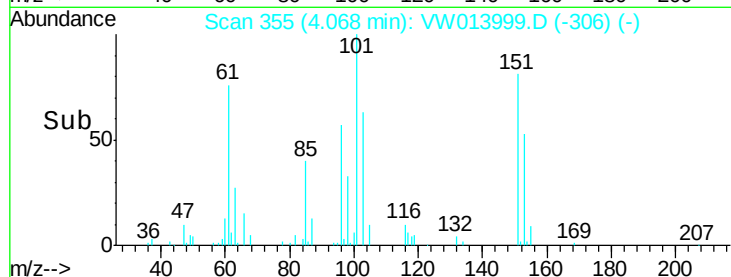
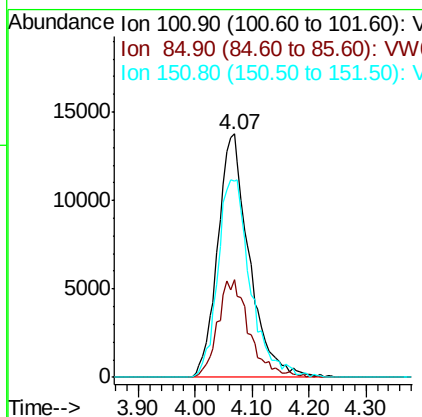
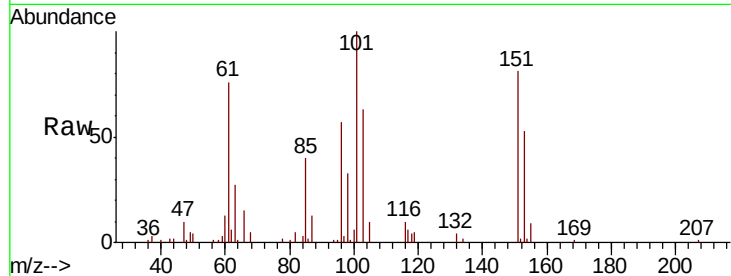
ClientSampleId :

VW1113SBS02

Tot Ion:	101	Resp:	52932
Ion Ratio	Lower	Upper	
101	100		
85	40.1	31.0	46.6
151	84.0	68.2	102.4

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#10

Methyl Iodide

Concen: 20.482 ug/l

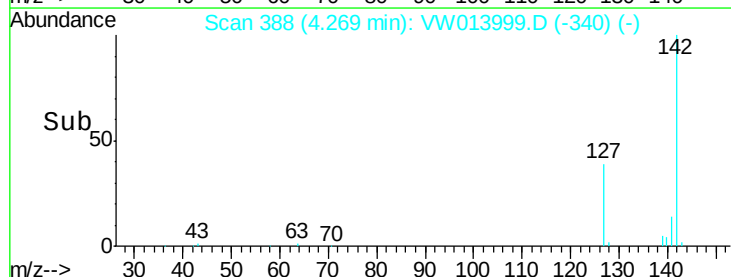
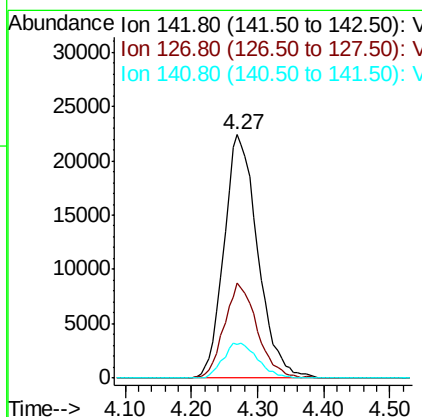
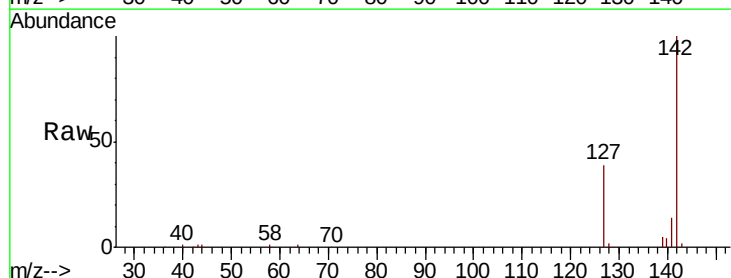
RT: 4.27 min Scan# 388

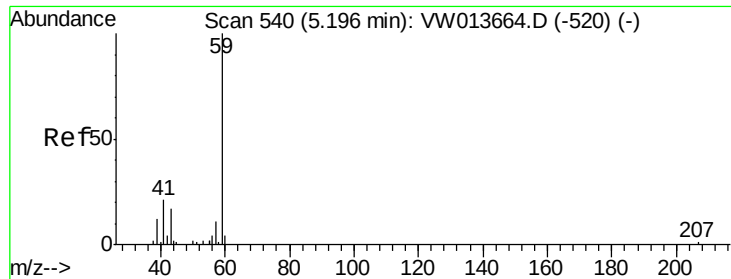
Delta R.T. -0.01 min

Lab File: VW013999.D

Acq: 13 Nov 2019 11:55

Tgt Ion:	142	Resp:	79032
Ion Ratio	Lower	Upper	
142	100		
127	38.0	30.3	45.5
141	14.7	11.8	17.8





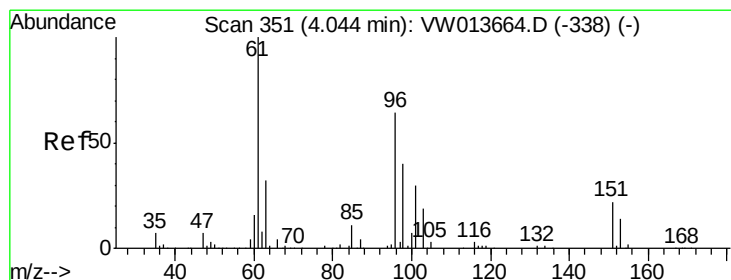
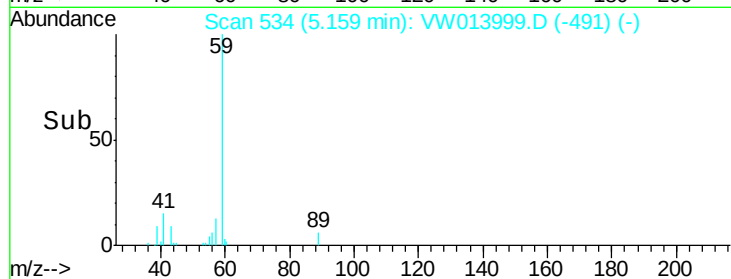
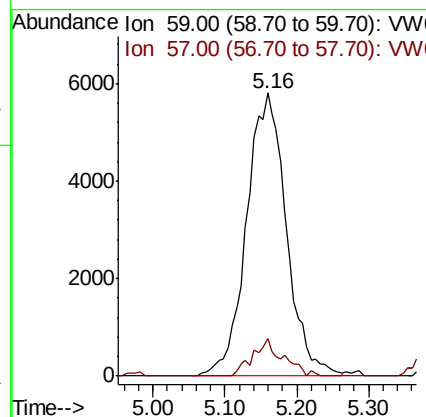
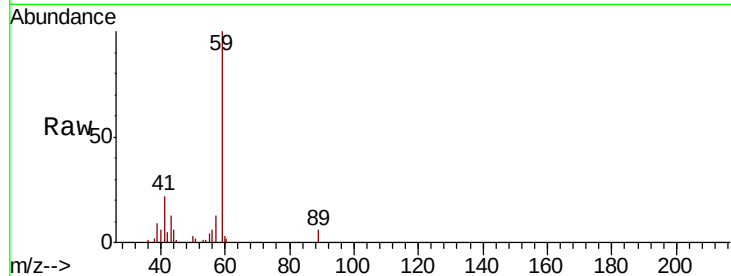
#11
Tert butyl alcohol
Concen: 182.377 ug/l
RT: 5.16 min Scan# 534
Delta R.T. -0.04 min
Lab File: VW013999.D
Acq: 13 Nov 2019 11:55

Instrument :
MSVOA_W
ClientSampleId :
VW1113SBS02

Tot Ion	Ratio	Lower	Upper
59	100		
57	9.7	8.8	13.2

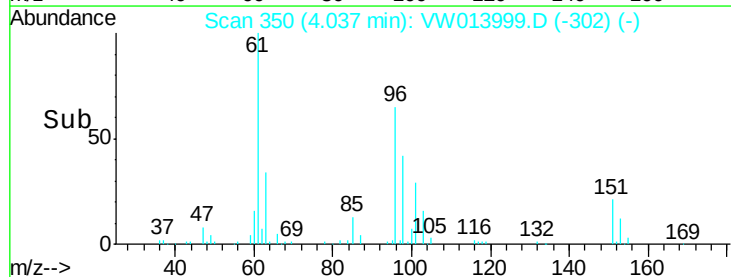
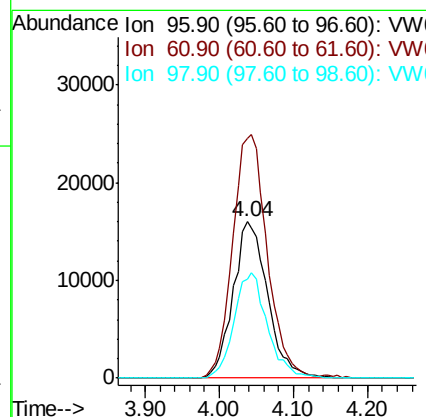
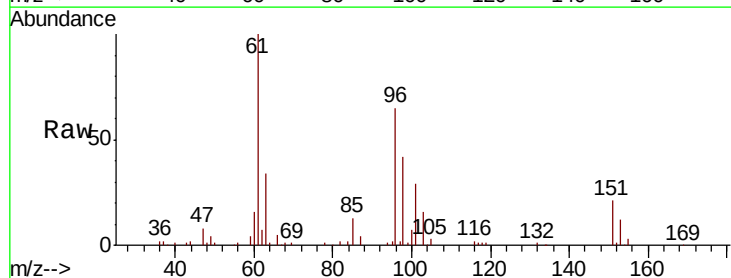
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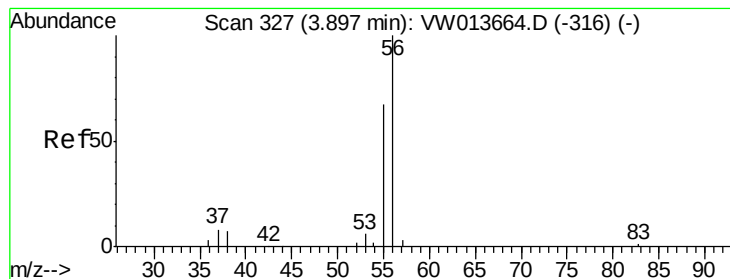
MMDadoda
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#12
1,1-Dichloroethene
Concen: 21.211 ug/l
RT: 4.04 min Scan# 350
Delta R.T. -0.01 min
Lab File: VW013999.D
Acq: 13 Nov 2019 11:55

Tgt Ion	Ratio	Lower	Upper
96	100		
61	153.1	125.0	187.6
98	63.6	50.3	75.5





#13

Acrolein

Concen: 95.220 ug/l

RT: 3.89 min Scan# 326

Delta R.T. -0.01 min

Lab File: VW013999.D

Acq: 13 Nov 2019 11:55

Instrument :

MSVOA_W

ClientSampleId :

VW1113SBS02

Tot Ion: 56 Resp: 13324

Ion Ratio Lower Upper

56 100

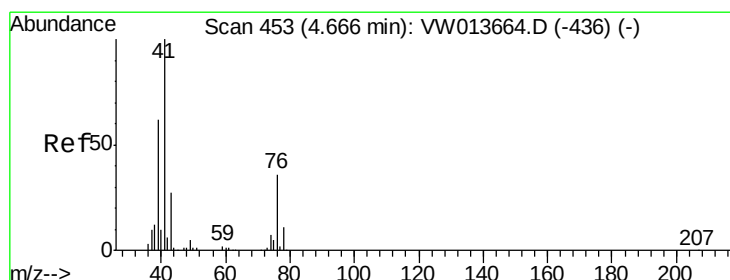
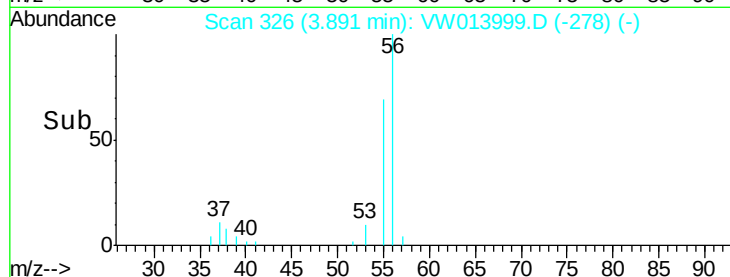
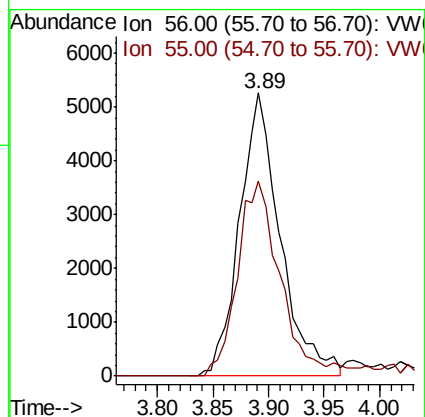
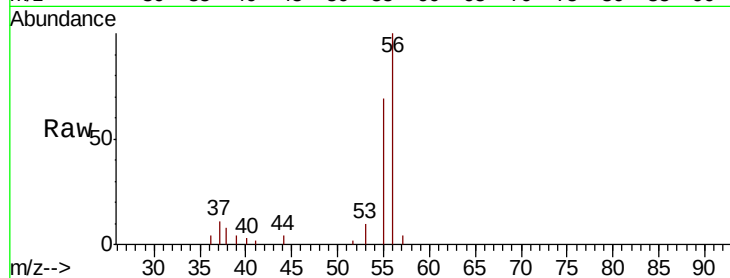
55 70.7 56.1 84.1

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#14

Allyl chloride

Concen: 20.749 ug/l

RT: 4.67 min Scan# 453

Delta R.T. -0.00 min

Lab File: VW013999.D

Acq: 13 Nov 2019 11:55

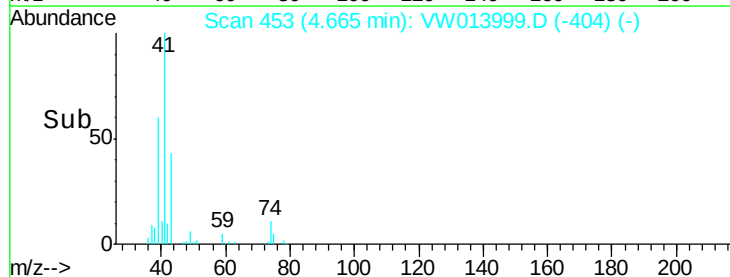
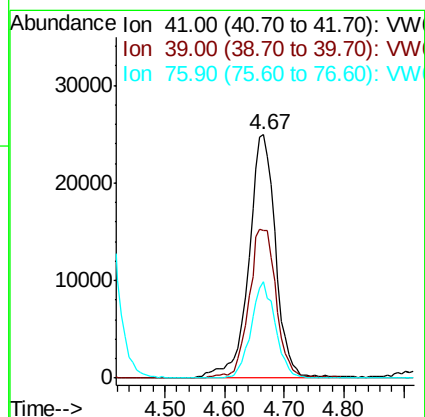
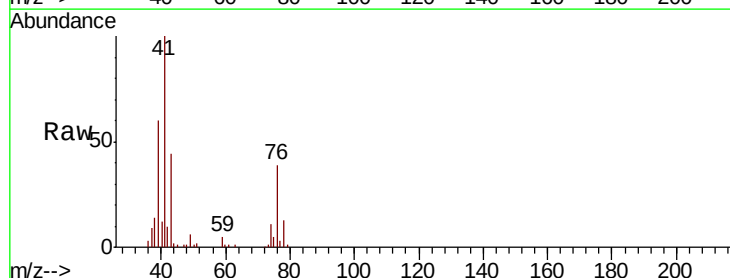
Tgt Ion: 41 Resp: 78040

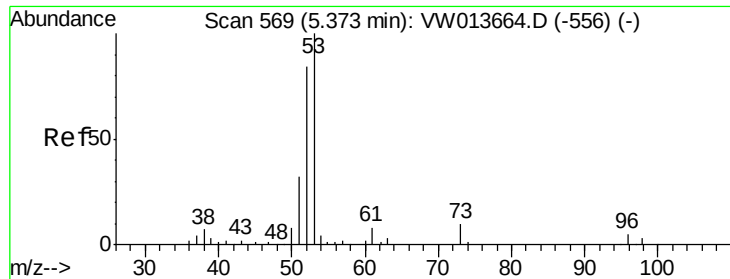
Ion Ratio Lower Upper

41 100

39 62.4 50.0 75.0

76 35.8 29.6 44.4





#15

Acrylonitrile

Concen: 139.701 ug/l

RT: 5.36 min Scan# 567

Delta R.T. -0.01 min

Lab File: VW013999.D

Acq: 13 Nov 2019 11:55

Instrument :

MSVOA_W

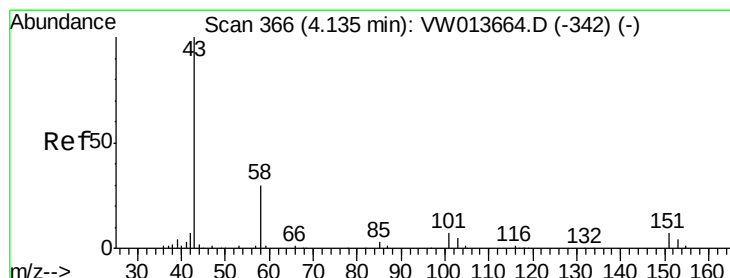
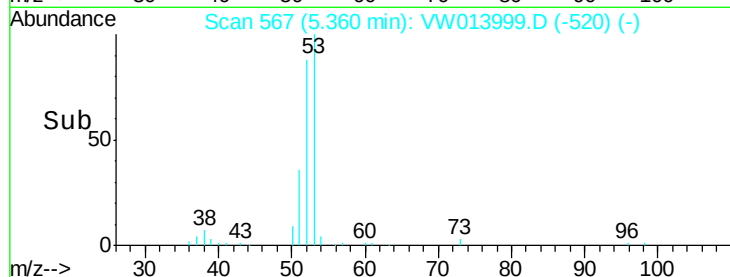
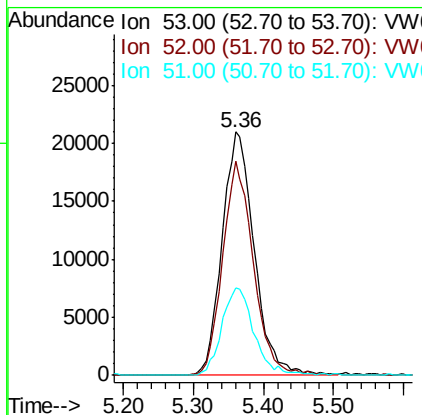
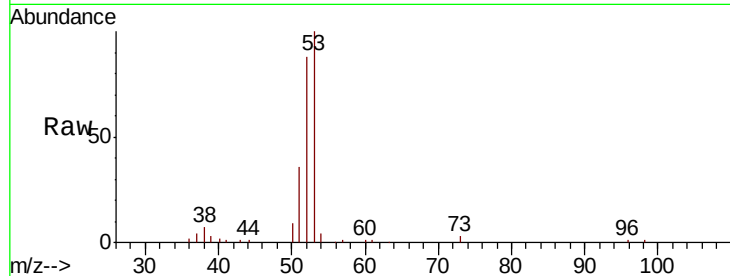
ClientSampleId :

VW1113SBS02

Tot Ion:	53	Resp:	66849
Ion	Ratio	Lower	Upper
53	100		
52	84.1	67.4	101.0
51	36.1	29.1	43.7

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#16

Acetone

Concen: 138.414 ug/l

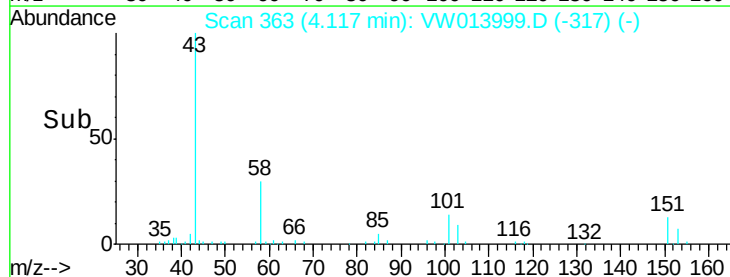
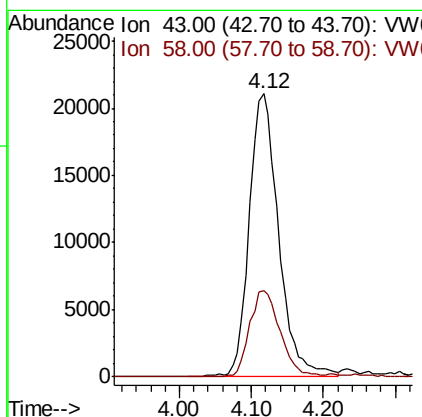
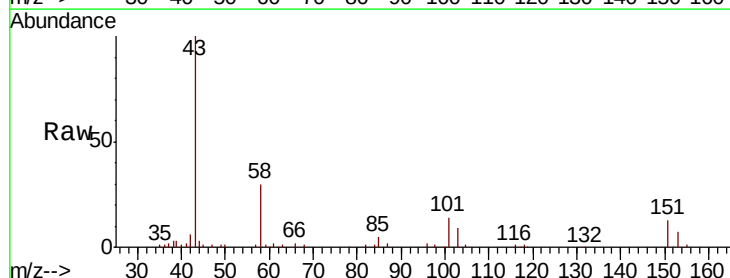
RT: 4.12 min Scan# 363

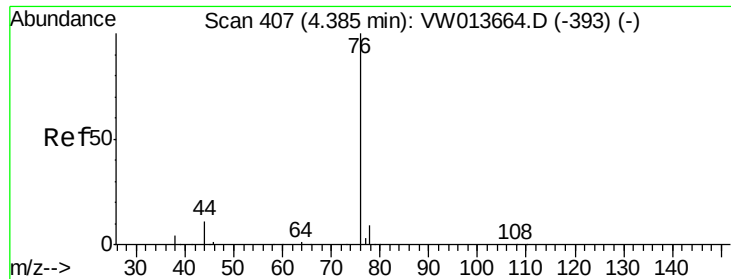
Delta R.T. -0.02 min

Lab File: VW013999.D

Acq: 13 Nov 2019 11:55

Tgt Ion:	43	Resp:	60044
Ion	Ratio	Lower	Upper
43	100		
58	30.5	24.1	36.1





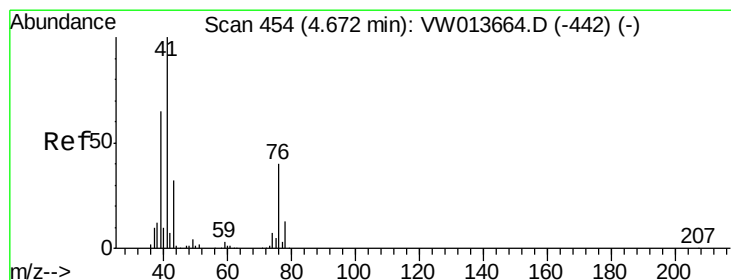
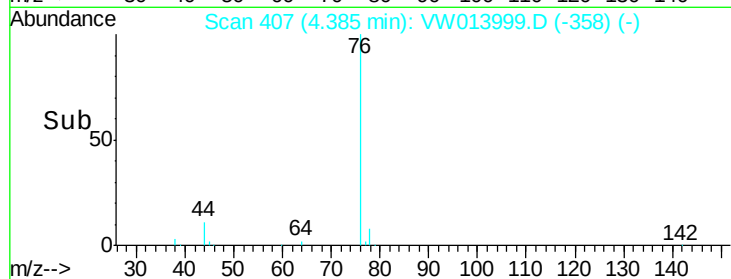
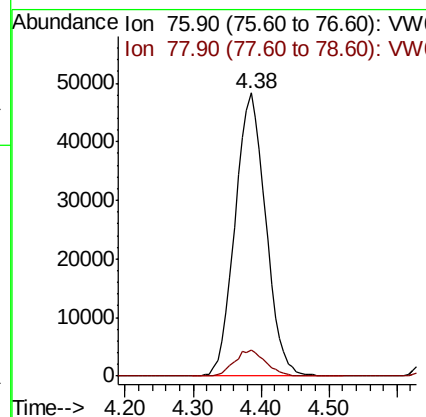
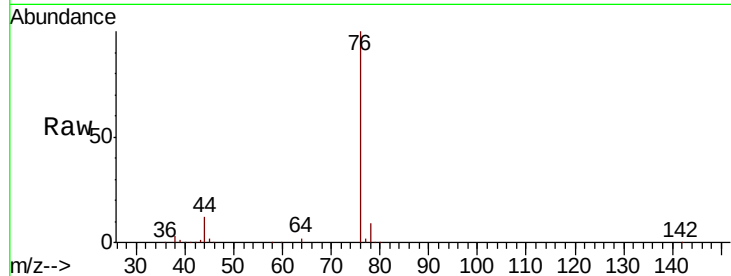
#17
Carbon Disulfide
Concen: 21.518 ug/l
RT: 4.38 min Scan# 407
Delta R.T. -0.00 min
Lab File: VW013999.D
Acq: 13 Nov 2019 11:55

Instrument :
MSVOA_W
ClientSampleId :
VW1113SBS02

Tot Ion	Ratio	Resp	Lower	Upper
76	100	151156		
78	9.1		7.0	10.6

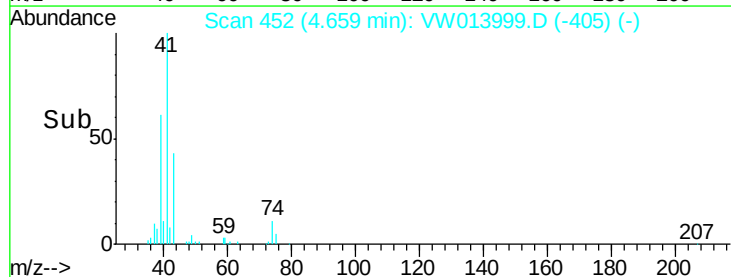
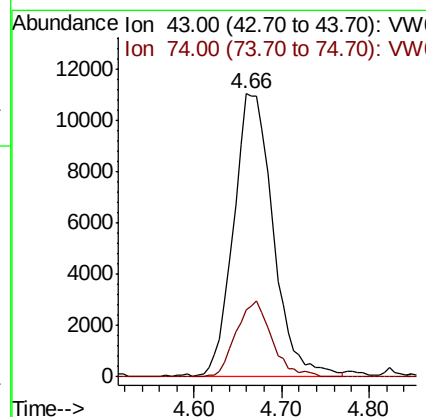
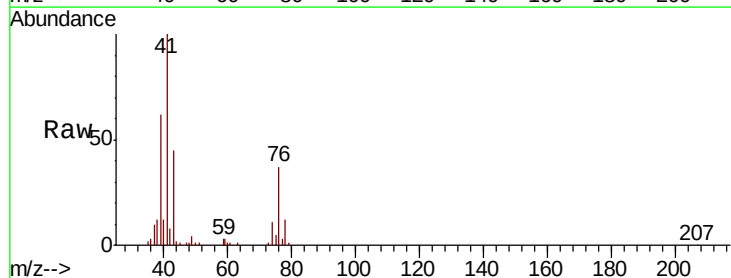
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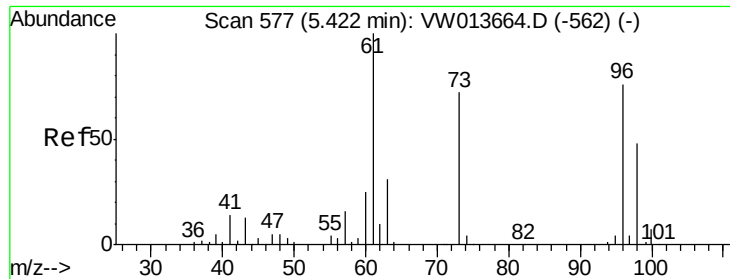
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#18
Methyl Acetate
Concen: 29.341 ug/l
RT: 4.66 min Scan# 452
Delta R.T. -0.01 min
Lab File: VW013999.D
Acq: 13 Nov 2019 11:55

Tgt Ion	Ratio	Resp	Lower	Upper
43	100	34891		
74	24.1		19.8	29.8





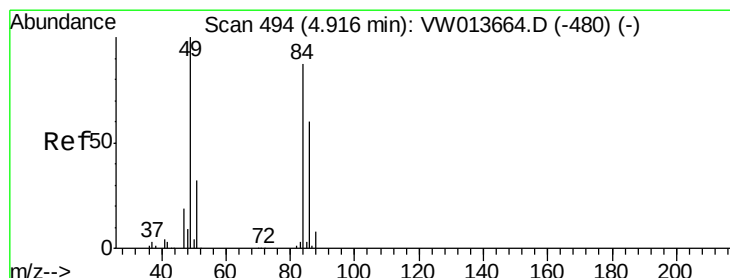
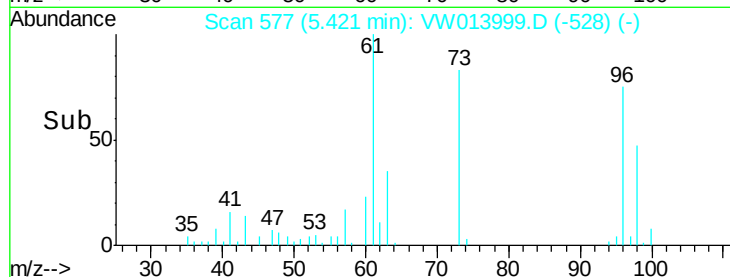
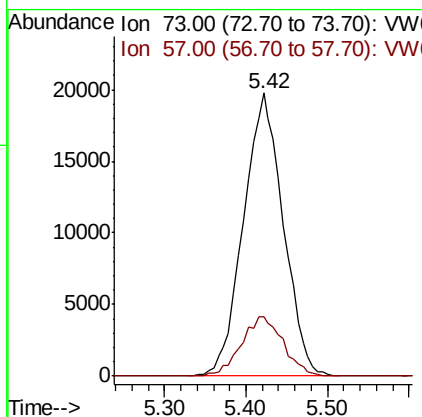
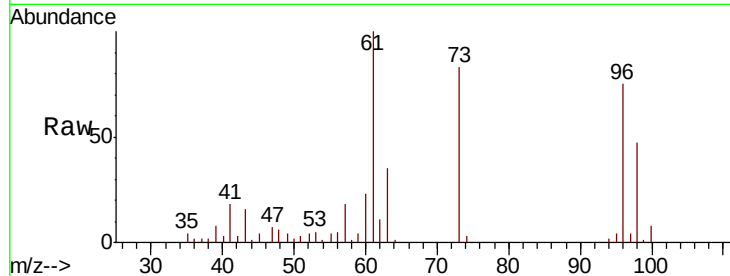
#19
Methyl tert-butyl Ether
Concen: 22.809 ug/l
RT: 5.42 min Scan# 577
Delta R.T. -0.00 min
Lab File: VW013999.D
Acq: 13 Nov 2019 11:55

Instrument :
MSVOA_W
ClientSampleId :
VW1113SBS02

Tot Ion: 73 Resp: 66948
Ion Ratio Lower Upper
73 100
57 21.2 17.6 26.4

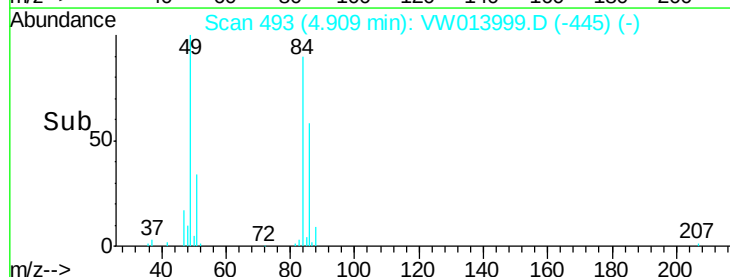
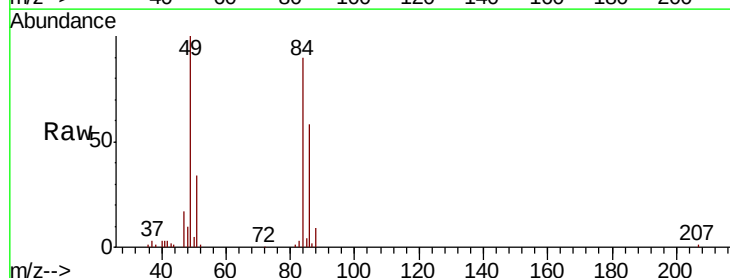
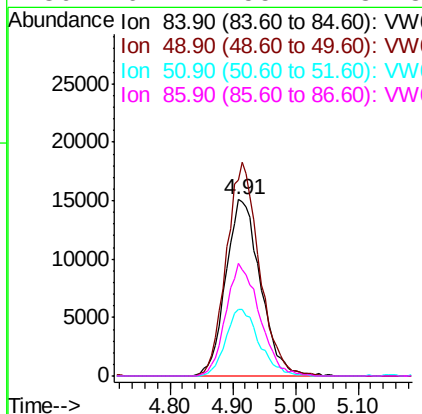
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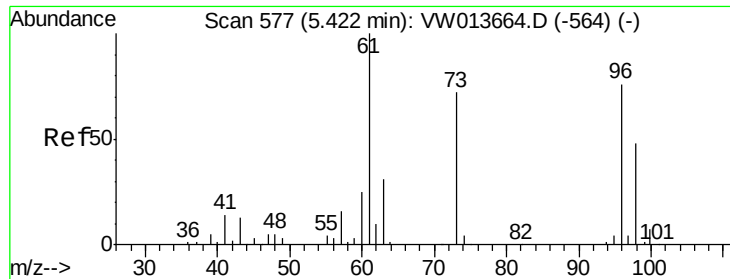
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#20
Methylene Chloride
Concen: 21.417 ug/l
RT: 4.91 min Scan# 493
Delta R.T. -0.01 min
Lab File: VW013999.D
Acq: 13 Nov 2019 11:55

Tgt Ion: 84 Resp: 57596
Ion Ratio Lower Upper
84 100
49 111.2 91.8 137.6
51 37.8 29.8 44.6
86 64.1 55.2 82.8





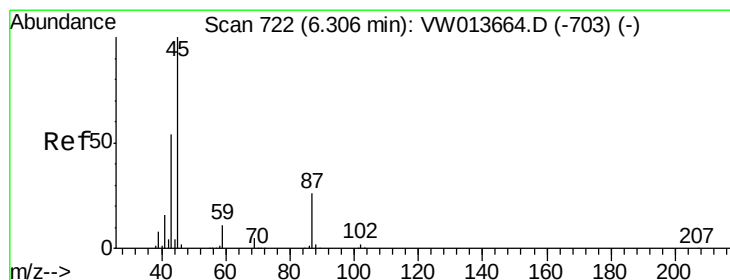
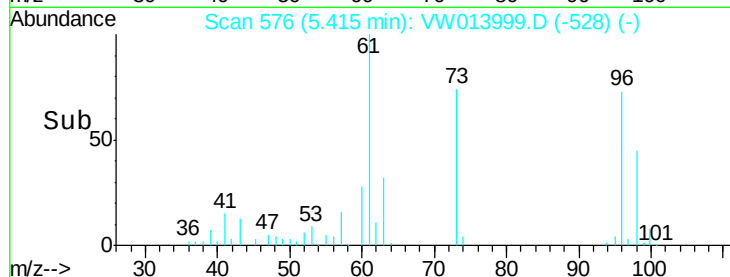
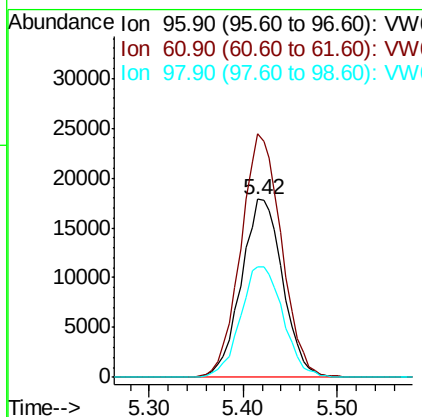
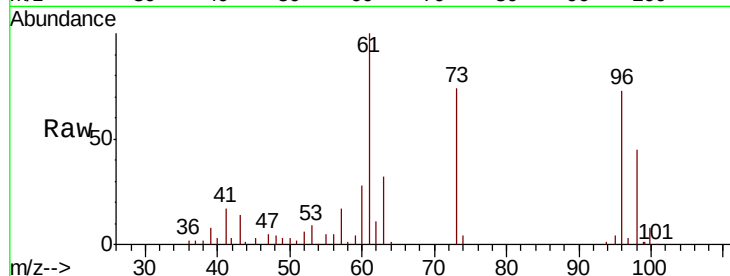
#21
trans-1,2-Dichloroethene
Concen: 20.855 ug/l
RT: 5.42 min Scan# 576
Delta R.T. -0.01 min
Lab File: VW013999.D
Acq: 13 Nov 2019 11:55

Instrument :
MSVOA_W
ClientSampleId :
VW1113SBS02

Tot Ion	96	Resp	54904
Ion Ratio	Lower	Upper	
96	100		
61	137.0	104.8	157.2
98	62.3	50.6	76.0

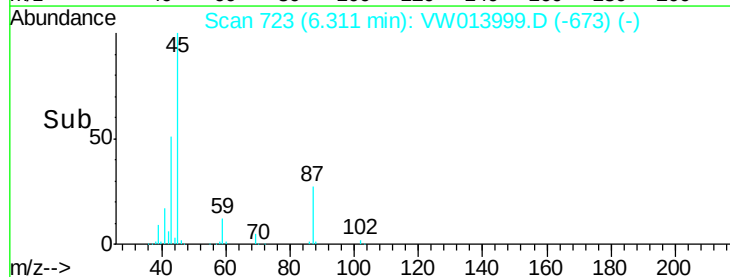
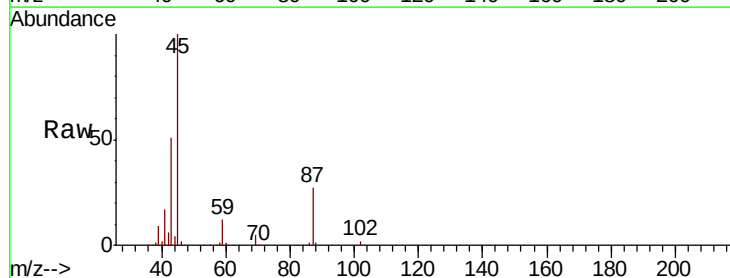
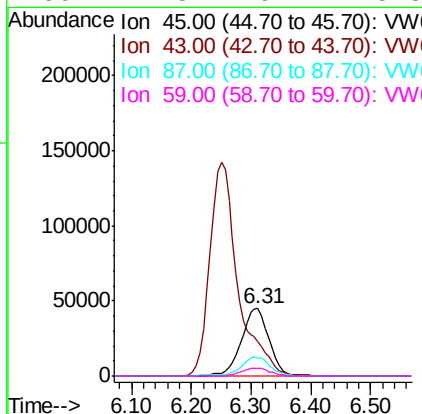
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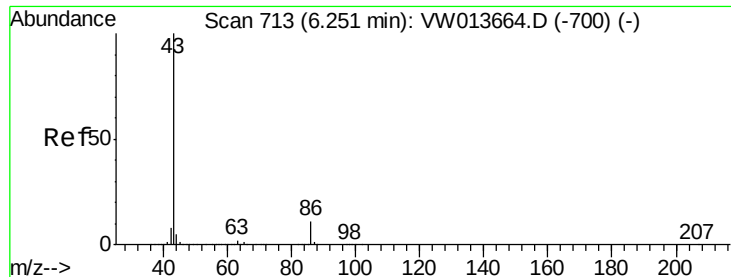
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#22
Diisopropyl ether
Concen: 21.075 ug/l
RT: 6.31 min Scan# 723
Delta R.T. 0.01 min
Lab File: VW013999.D
Acq: 13 Nov 2019 11:55

Tgt Ion	45	Resp	144586
Ion Ratio	Lower	Upper	
45	100		
43	50.3	43.4	65.2
87	27.0	21.5	32.3
59	11.8	9.2	13.8





#23

Vinyl Acetate

Concen: 116.714 ug/l

RT: 6.25 min Scan# 713

Delta R.T. -0.00 min

Lab File: VW013999.D

Acq: 13 Nov 2019 11:55

Instrument :

MSVOA_W

ClientSampleId :

VW1113SBS02

Tot Ion: 43 Resp: 464617

Ion Ratio Lower Upper

43 100

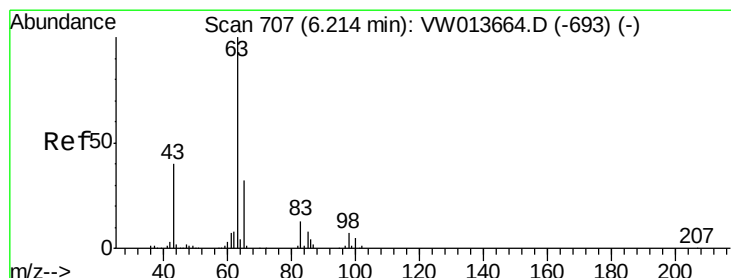
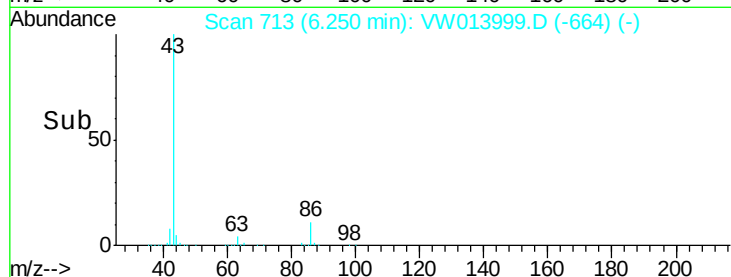
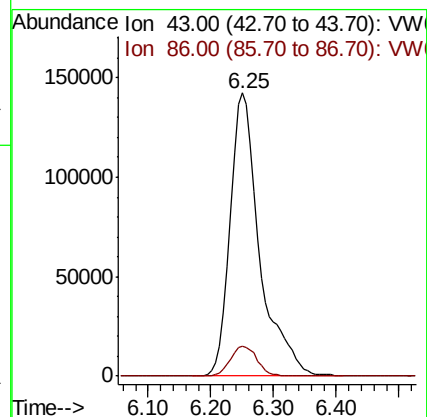
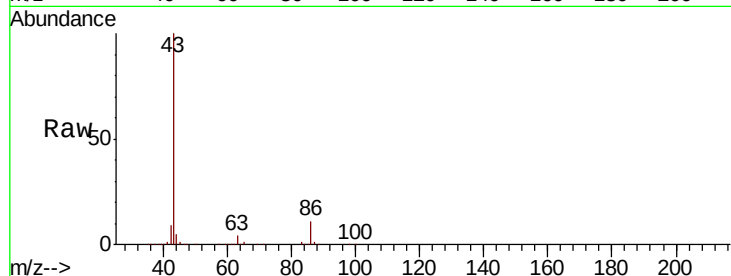
86 10.7 9.0 13.6

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#24

1,1-Dichloroethane

Concen: 20.630 ug/l

RT: 6.21 min Scan# 707

Delta R.T. -0.00 min

Lab File: VW013999.D

Acq: 13 Nov 2019 11:55

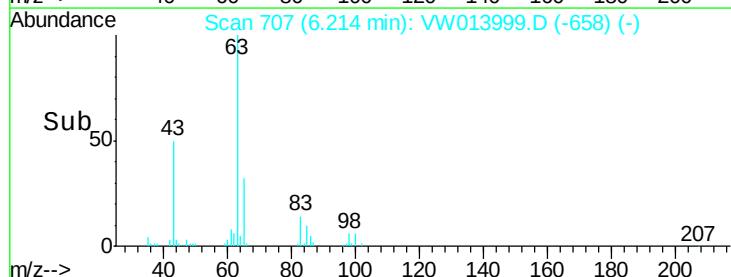
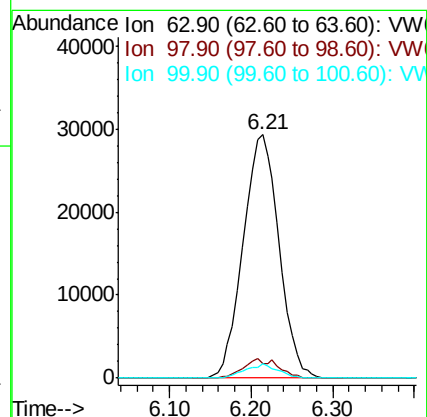
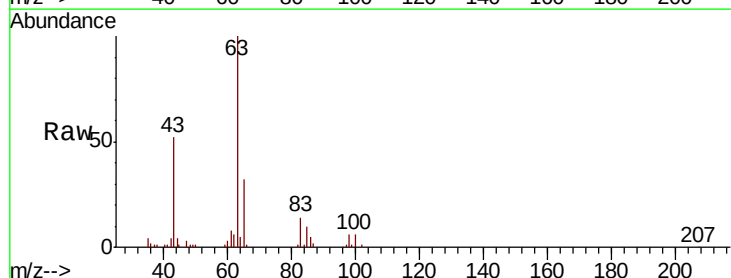
Tgt Ion: 63 Resp: 89637

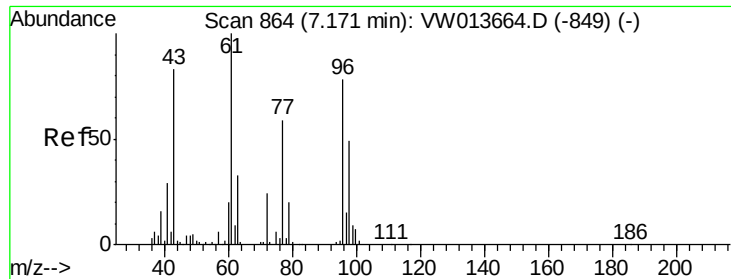
Ion Ratio Lower Upper

63 100

98 5.9 3.6 10.9

100 5.8 2.5 7.4





#25

2-Butanone

Concen: 141.570 ug/l

RT: 7.17 min Scan# 864

Delta R.T. -0.00 min

Lab File: VW013999.D

Acq: 13 Nov 2019 11:55

Instrument :

MSVOA_W

ClientSampleId :

VW1113SBS02

Tot Ion: 43 Resp: 88293

Ion Ratio Lower Upper

43 100

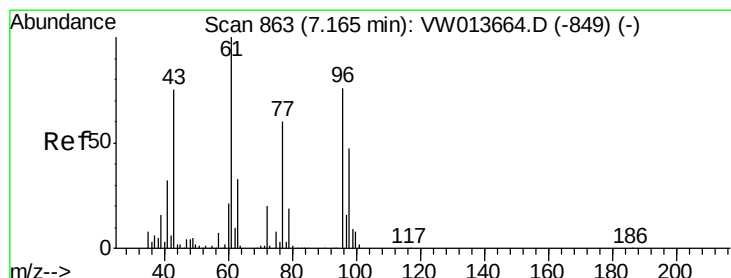
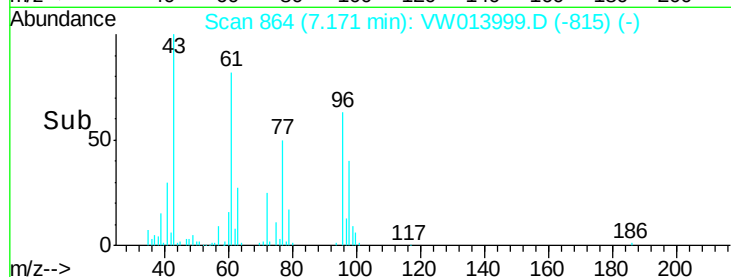
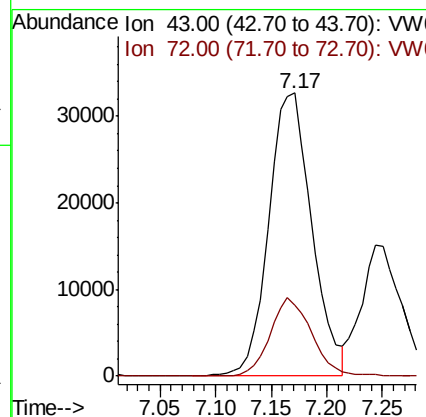
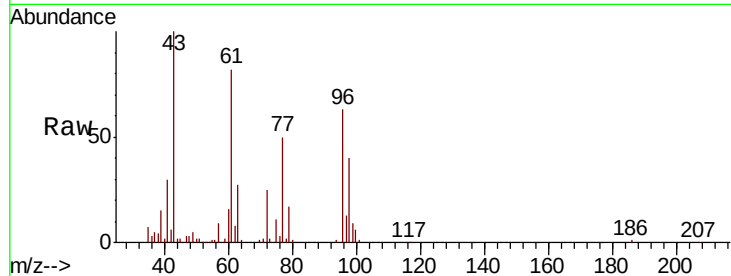
72 25.3 23.6 35.4

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 21.503 ug/l

RT: 7.16 min Scan# 862

Delta R.T. -0.01 min

Lab File: VW013999.D

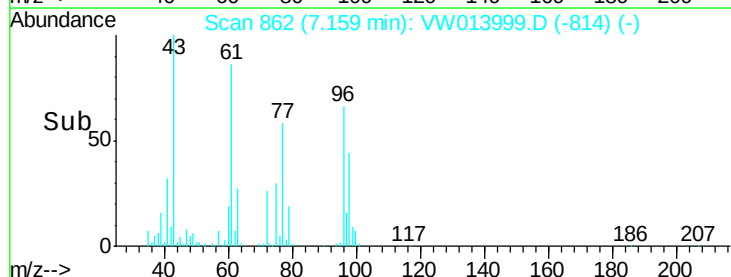
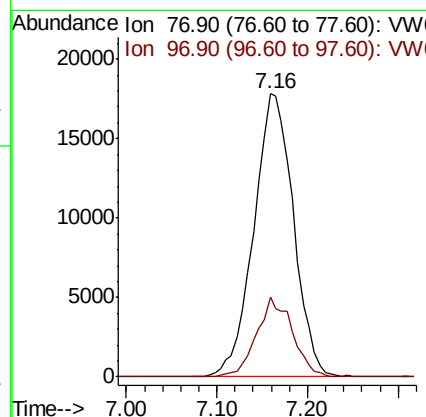
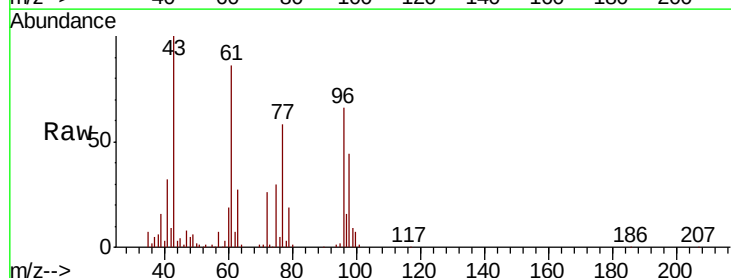
Acq: 13 Nov 2019 11:55

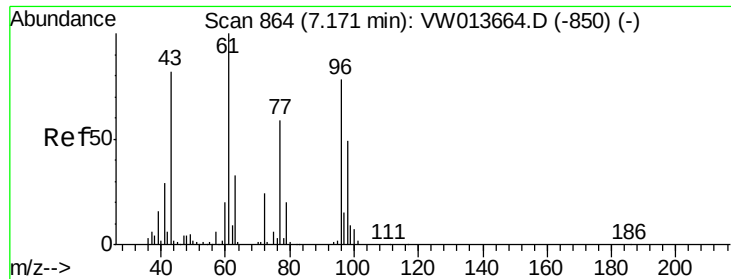
Tgt Ion: 77 Resp: 54027

Ion Ratio Lower Upper

77 100

97 25.2 12.8 38.4





#27

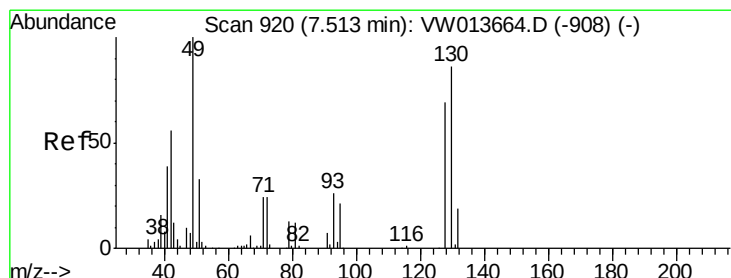
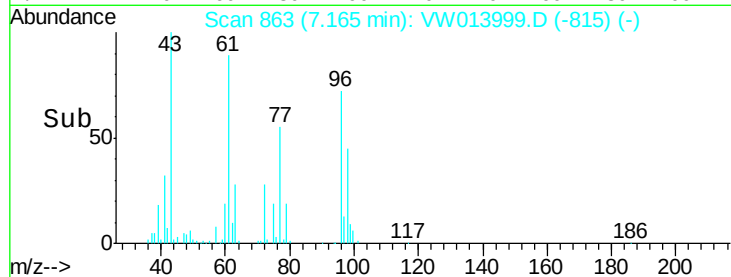
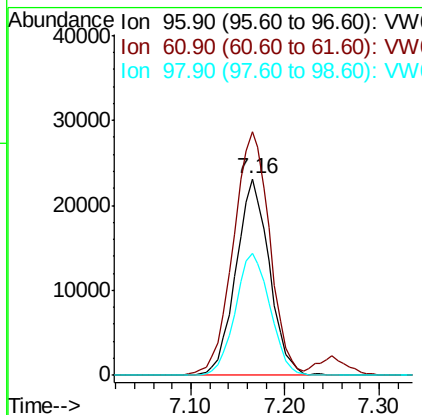
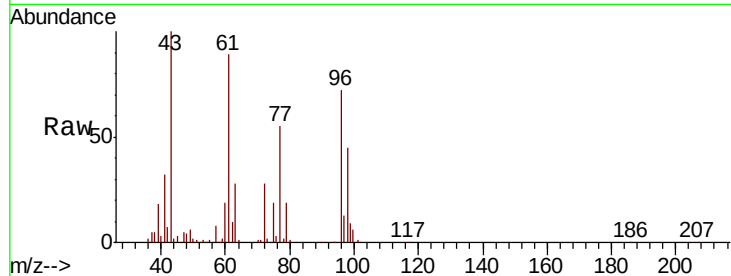
cis-1,2-Dichloroethene
Concen: 20.439 ug/l
RT: 7.16 min Scan# 863
Delta R.T. -0.01 min
Lab File: VW013999.D
Acq: 13 Nov 2019 11:55

Instrument :
MSVOA_W
ClientSampleId :
VW1113SBS02

Tot Ion	Ratio	Lower	Upper
96	100		
61	135.5	0.0	266.0
98	64.6	0.0	126.8

Manual Integrations
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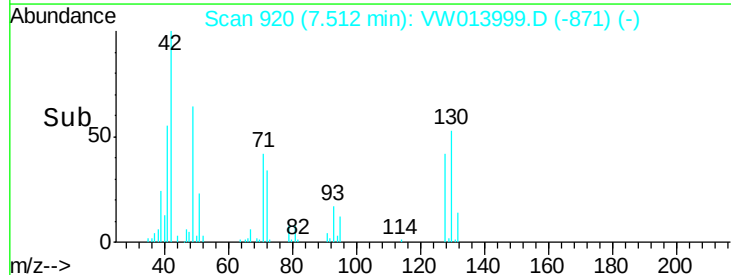
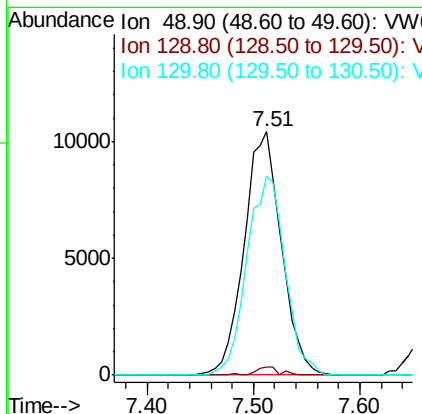
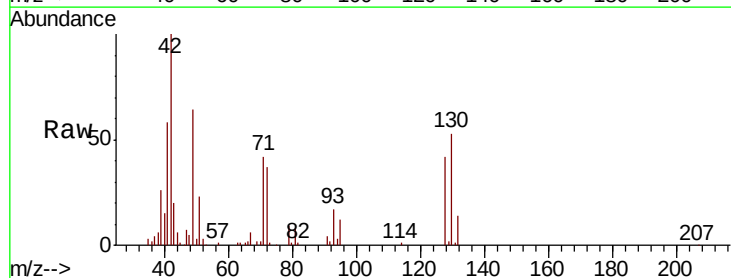
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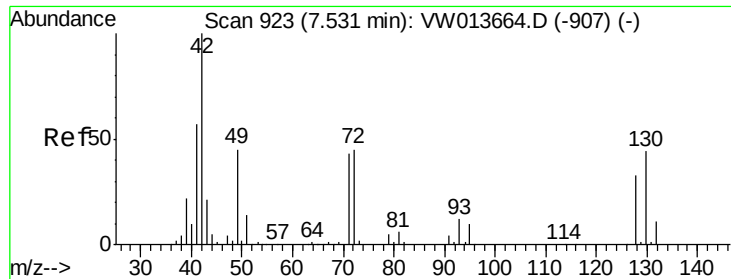


#28

Bromochloromethane
Concen: 17.449 ug/l
RT: 7.51 min Scan# 920
Delta R.T. 0.00 min
Lab File: VW013999.D
Acq: 13 Nov 2019 11:55

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.0	0.0	0.6#
130	83.6	67.5	101.3





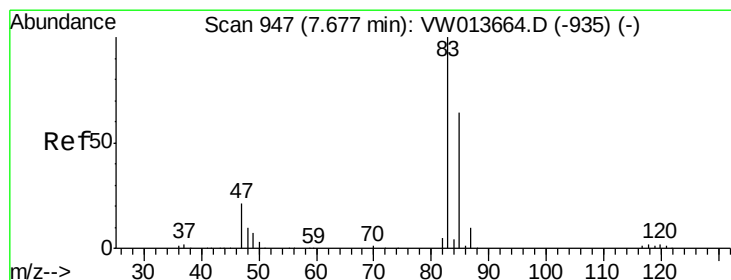
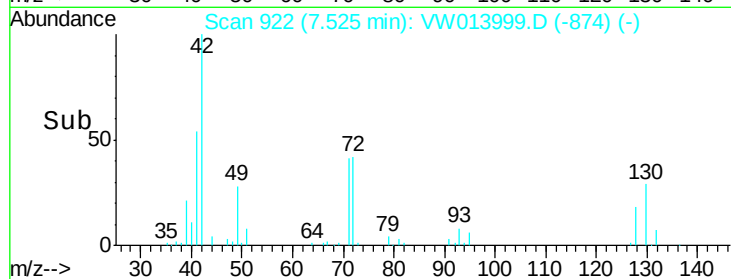
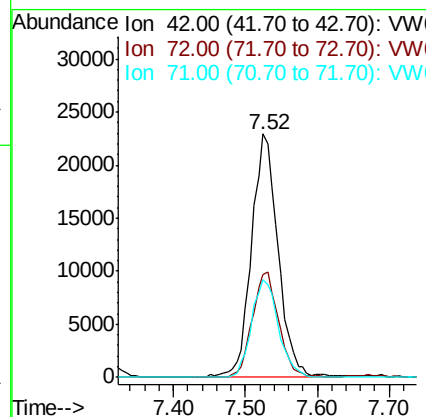
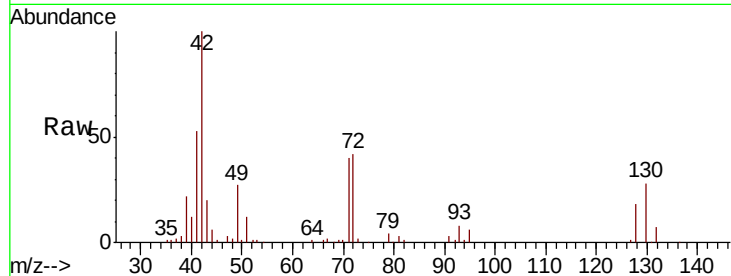
#29
Tetrahydrofuran
Concen: 152.767 ug/l
RT: 7.52 min Scan# 922
Delta R.T. -0.01 min
Lab File: VW013999.D
Acq: 13 Nov 2019 11:55

Instrument :
MSVOA_W
ClientSampleId :
VW1113SBS02

Tot Ion	Ratio	Lower	Upper
42	100		
72	42.9	35.3	52.9
71	40.4	33.3	49.9

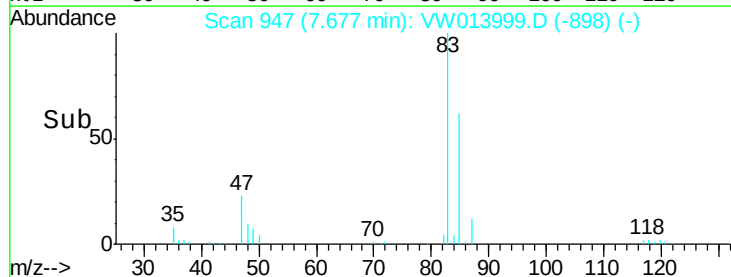
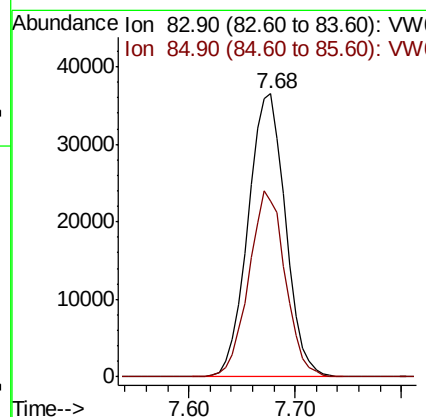
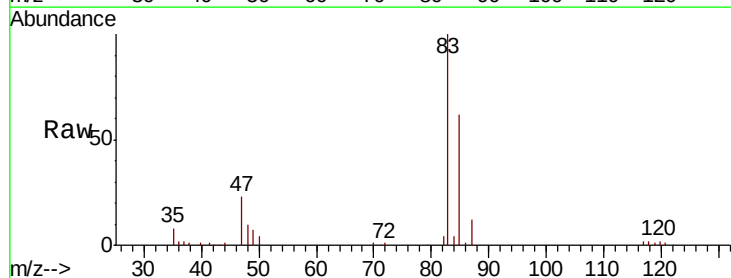
Manual Integrations
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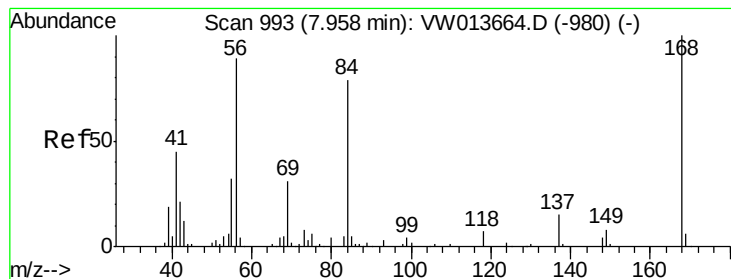
MMDadoda
11/15/2019 10:50:07 AM



#30
Chloroform
Concen: 20.972 ug/l
RT: 7.68 min Scan# 947
Delta R.T. -0.00 min
Lab File: VW013999.D
Acq: 13 Nov 2019 11:55

Tgt Ion	Ratio	Lower	Upper
83	100		
85	62.0	51.4	77.2





#31

Cyclohexane

Concen: 20.874 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.01 min

Lab File: VW013999.D

Acq: 13 Nov 2019 11:55

Instrument :

MSVOA_W

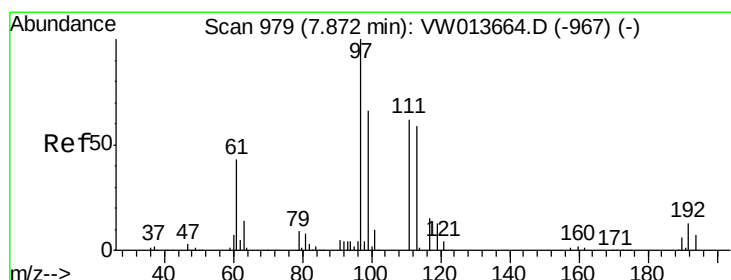
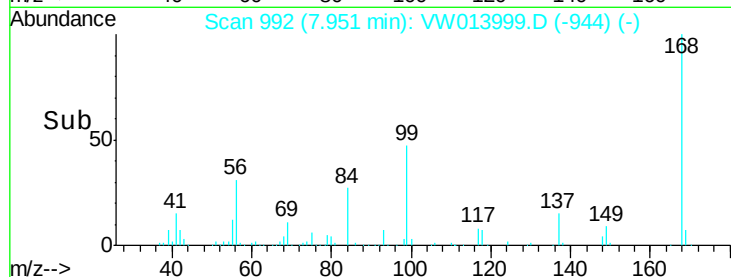
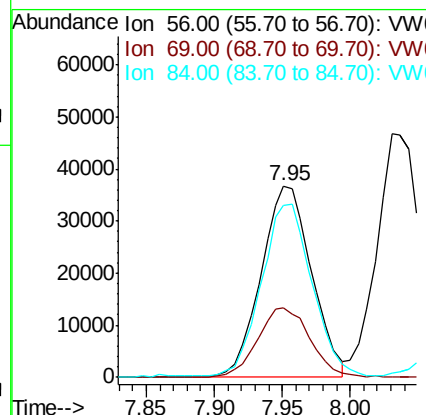
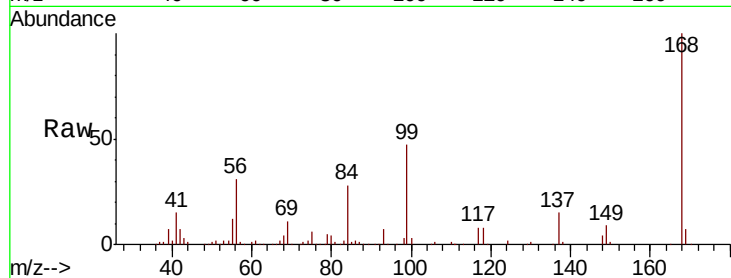
ClientSampleId :

VW1113SBS02

Tot Ion:	56	Resp:	94914
Ion	Ratio	Lower	Upper
56	100		
69	36.4	27.5	41.3
84	88.7	70.8	106.2

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 22.049 ug/l

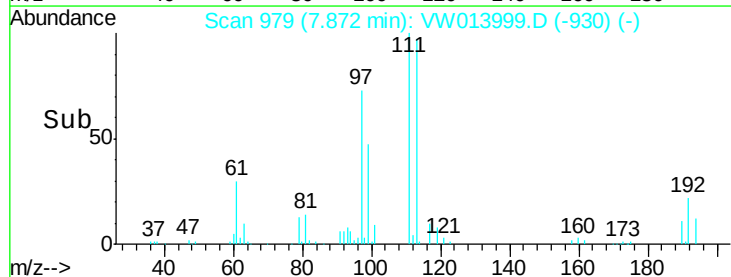
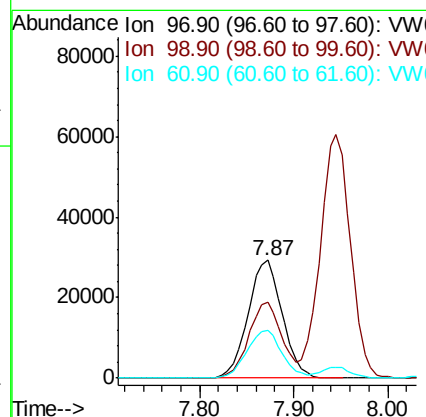
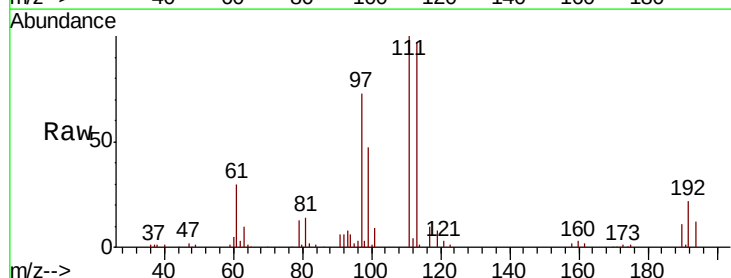
RT: 7.87 min Scan# 979

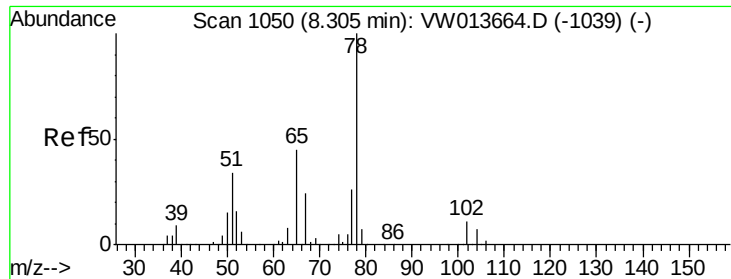
Delta R.T. -0.00 min

Lab File: VW013999.D

Acq: 13 Nov 2019 11:55

Tgt Ion:	97	Resp:	74318
Ion	Ratio	Lower	Upper
97	100		
99	62.2	52.0	78.0
61	41.6	33.8	50.6





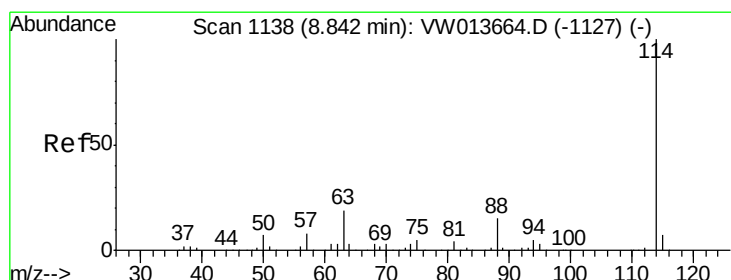
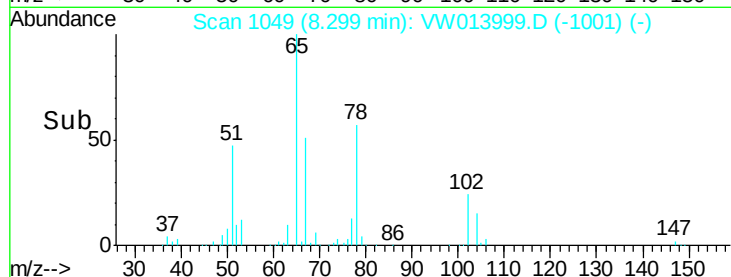
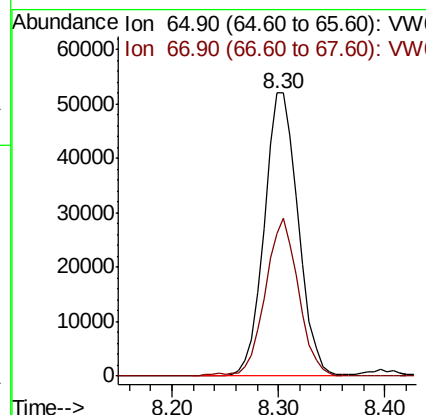
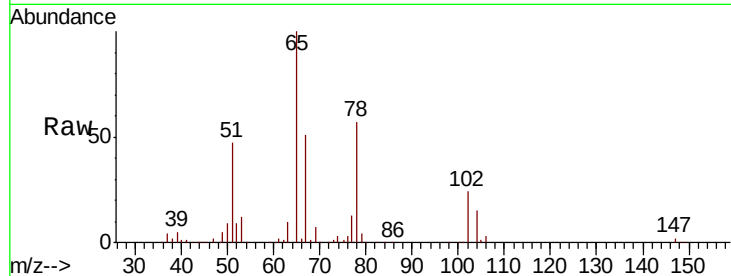
#33
 1,2-Dichloroethane-d4
 Concen: 56.489 ug/l
 RT: 8.30 min Scan# 1049
 Delta R.T. -0.01 min
 Lab File: VW013999.D
 Acq: 13 Nov 2019 11:55

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1113SBS02

Tot Ion	Ratio	Resp	Lower	Upper
65	100			
67	54.9	0.0	109.4	

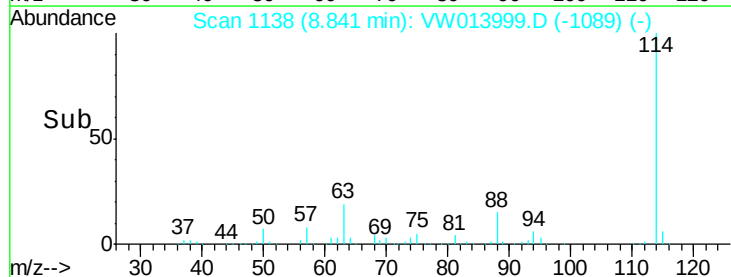
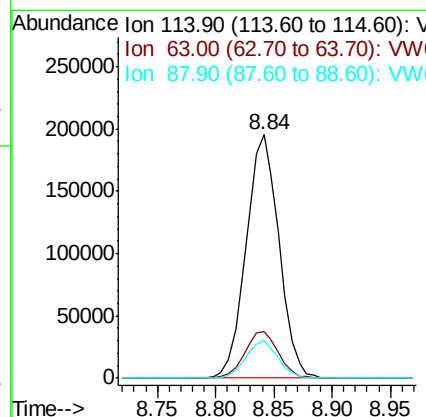
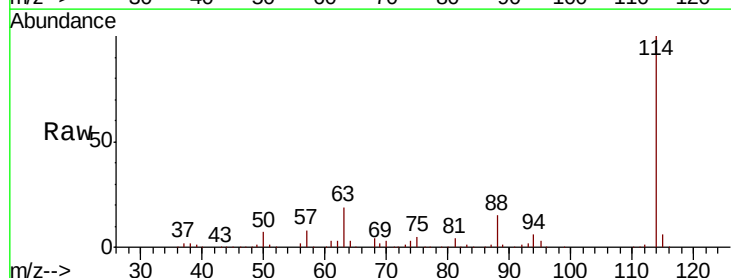
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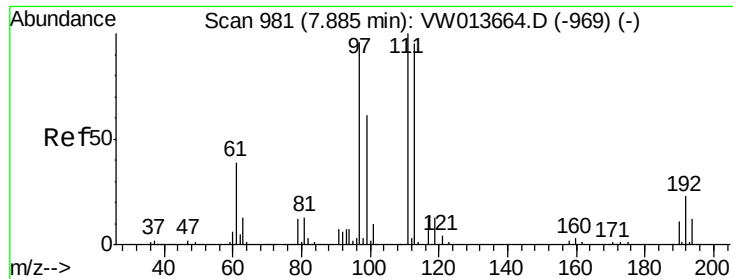
MMDadoda
 11/15/2019 10:50:07 AM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW013999.D
 Acq: 13 Nov 2019 11:55

Tgt Ion	Ratio	Resp	Lower	Upper
114	100			
63	19.1	0.0	37.6	
88	15.2	0.0	30.2	





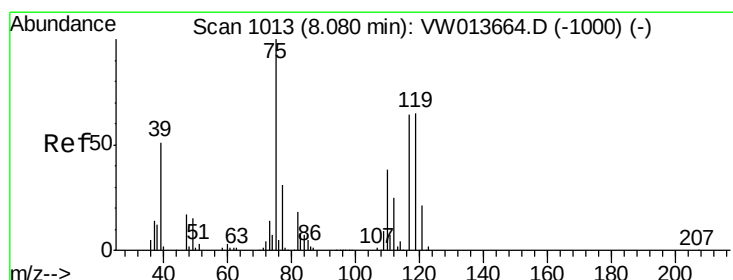
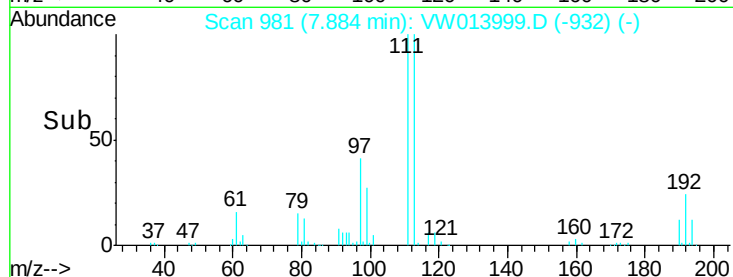
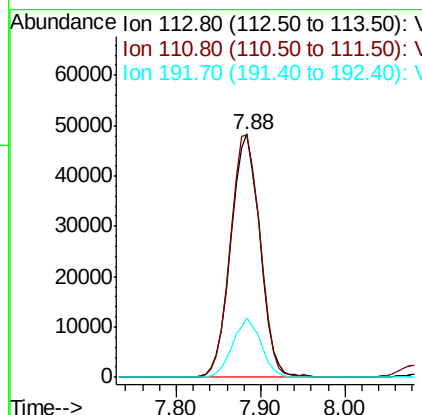
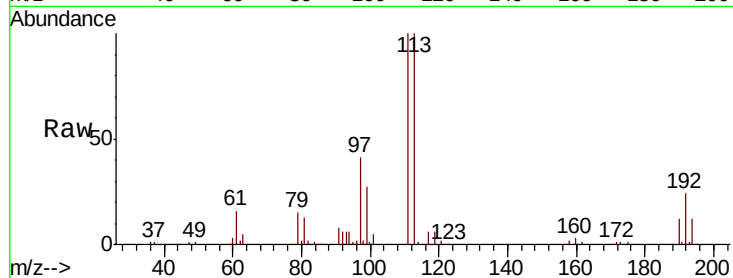
#35
Dibromofluoromethane
Concen: 53.222 ug/l
RT: 7.88 min Scan# 981
Delta R.T. -0.00 min
Lab File: VW013999.D
Acq: 13 Nov 2019 11:55

Instrument :
MSVOA_W
ClientSampleId :
VW1113SBS02

Tot Ion	Ratio	Resp	Lower	Upper
113	100			
111	101.7	83.0	124.6	
192	23.6	19.4	29.2	

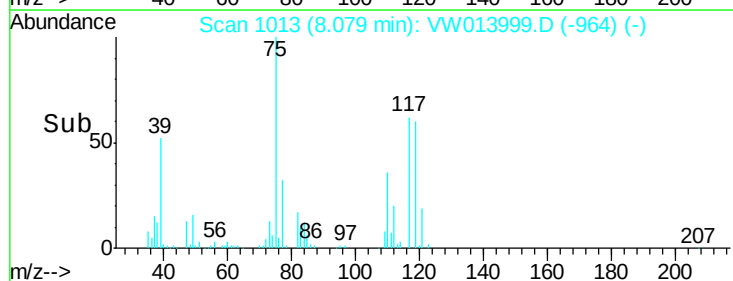
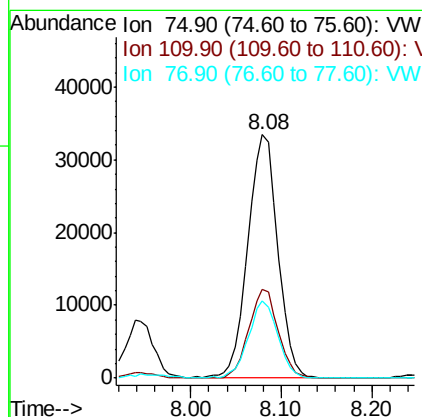
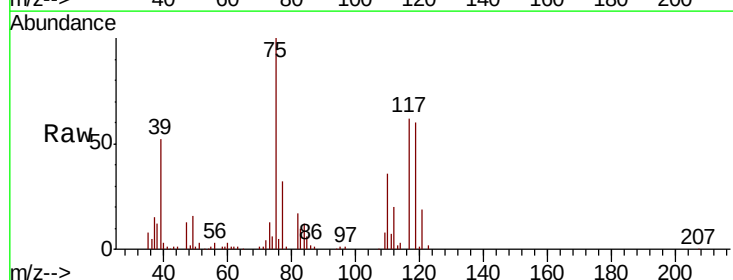
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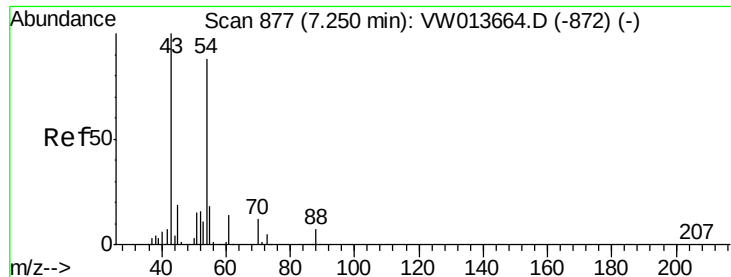
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11/15/2019 10:50:07 AM



#36
1,1-Dichloropropene
Concen: 21.448 ug/l
RT: 8.08 min Scan# 1013
Delta R.T. -0.00 min
Lab File: VW013999.D
Acq: 13 Nov 2019 11:55

Tgt Ion	Ratio	Resp	Lower	Upper
75	100			
110	35.5	18.7	56.1	
77	31.2	25.4	38.0	





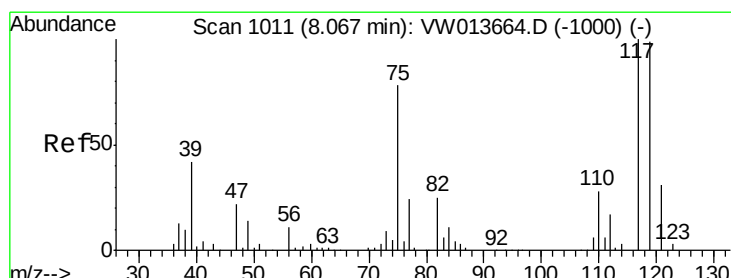
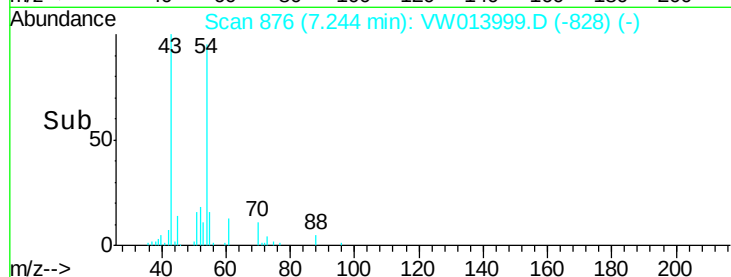
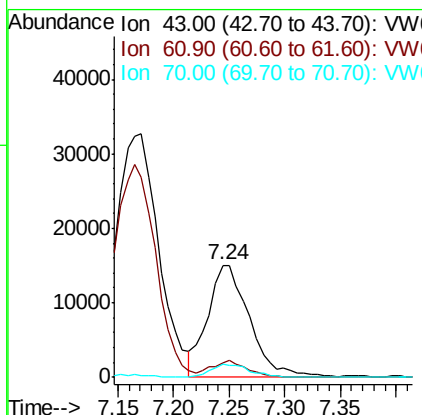
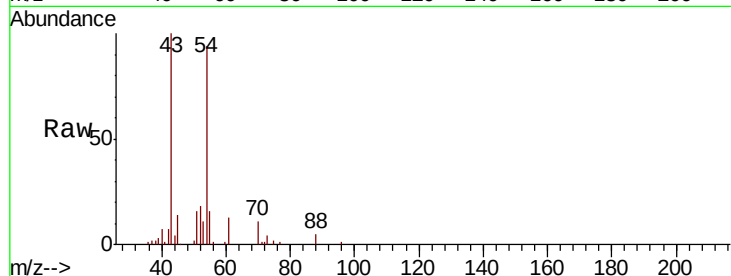
#37
Ethyl Acetate
Concen: 28.291 ug/l
RT: 7.24 min Scan# 876
Delta R.T. -0.01 min
Lab File: VW013999.D
Acq: 13 Nov 2019 11:55

Instrument :
MSVOA_W
ClientSampleId :
VW1113SBS02

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.0	11.7	17.5
70	11.0	8.8	13.2

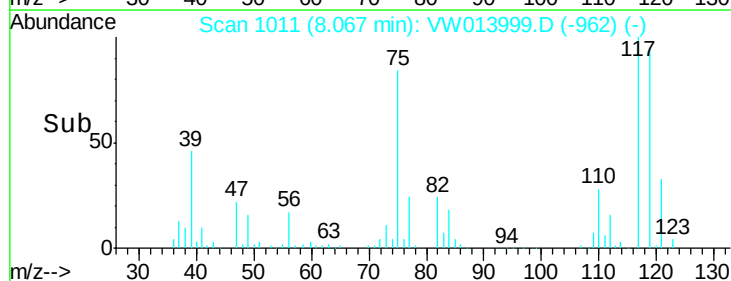
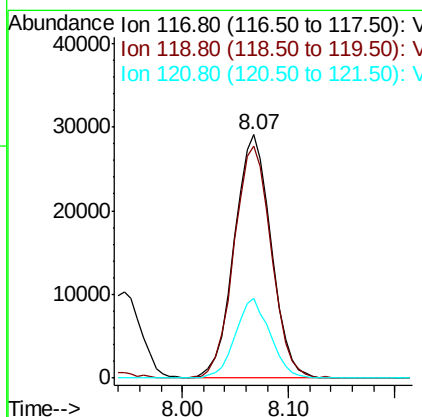
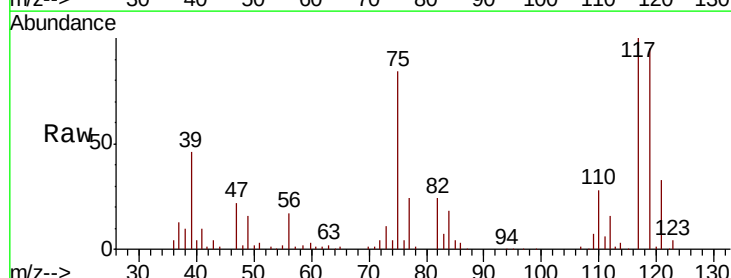
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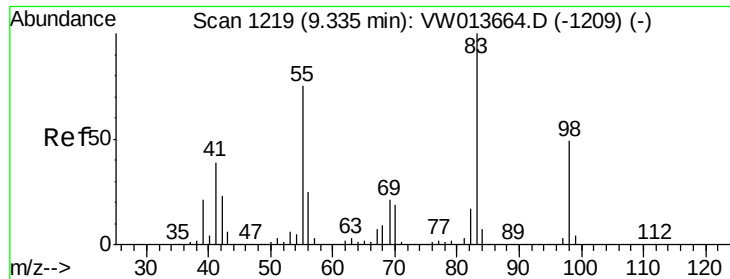
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#38
Carbon Tetrachloride
Concen: 21.988 ug/l
RT: 8.07 min Scan# 1011
Delta R.T. -0.00 min
Lab File: VW013999.D
Acq: 13 Nov 2019 11:55

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.4	79.0	118.4
121	32.8	24.5	36.7





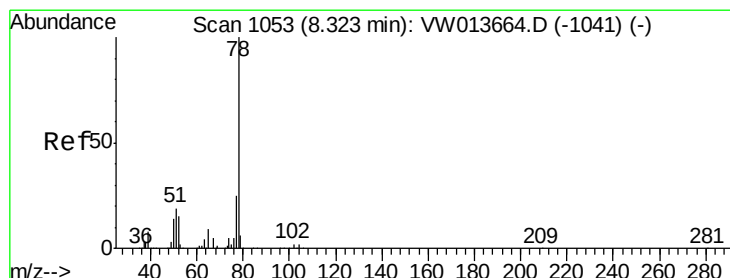
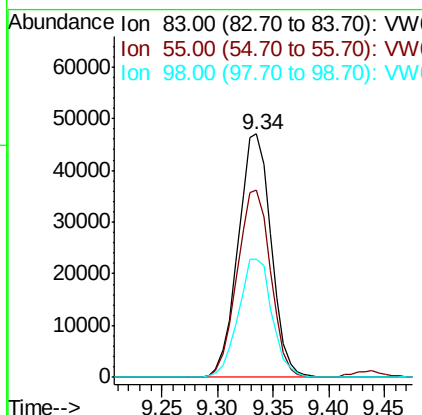
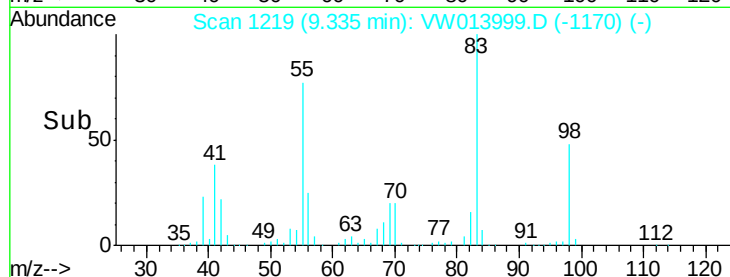
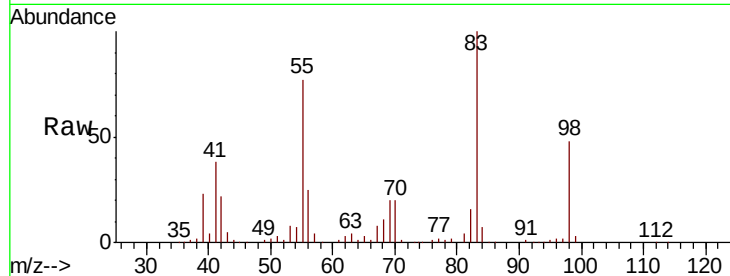
#39
Methylvlcyclohexane
Concen: 21.033 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. -0.00 min
Lab File: VW013999.D
Acq: 13 Nov 2019 11:55

Instrument :
MSVOA_W
ClientSampleId :
VW1113SBS02

Tot Ion	Ratio	Lower	Upper
83	100		
55	76.9	59.9	89.9
98	48.3	39.4	59.2

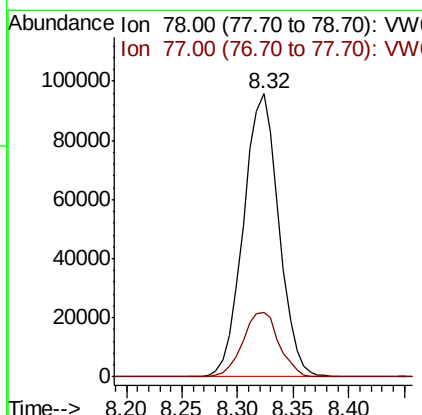
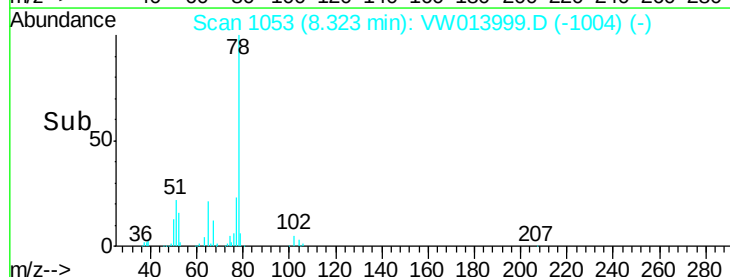
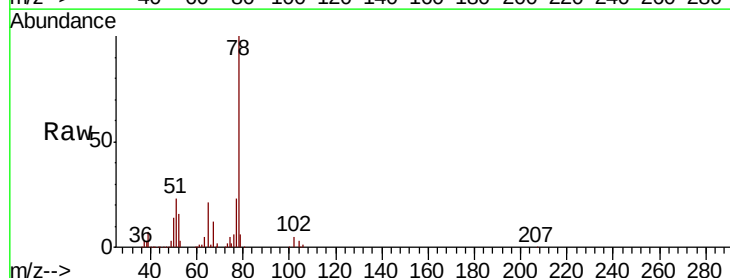
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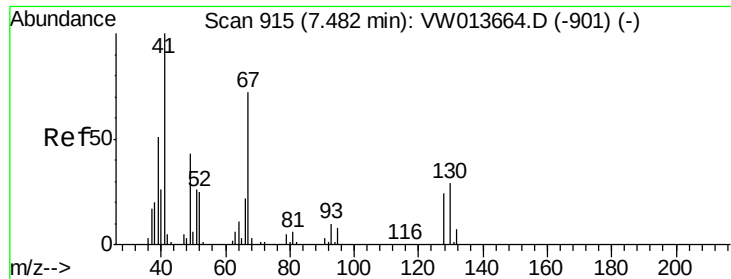
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11/15/2019 10:50:07 AM



#40
Benzene
Concen: 20.936 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. -0.00 min
Lab File: VW013999.D
Acq: 13 Nov 2019 11:55

Tgt Ion	Ratio	Lower	Upper
78	100		
77	22.7	19.6	29.4





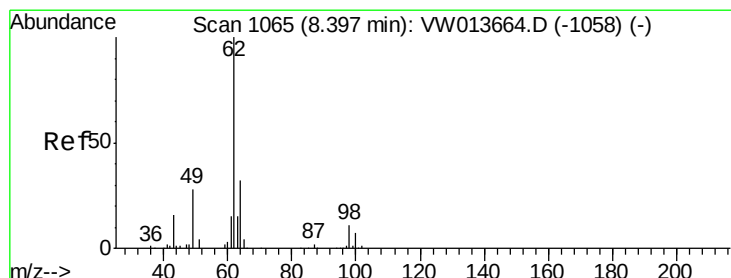
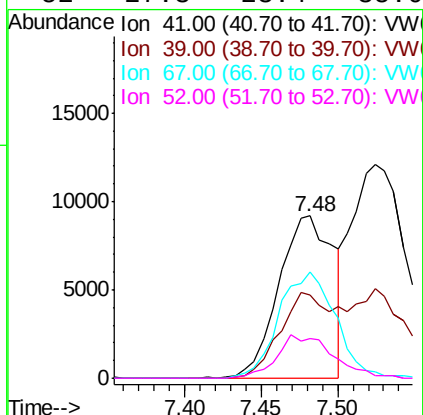
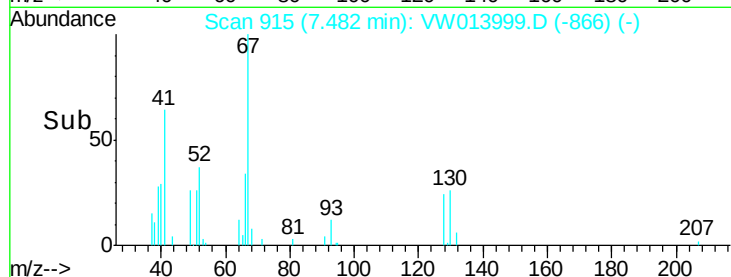
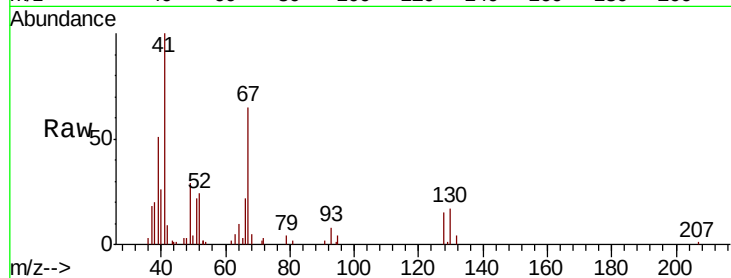
#41
Methacrylonitrile
Concen: 26.830 ug/l
RT: 7.48 min Scan# 915
Delta R.T. -0.00 min
Lab File: VW013999.D
Acq: 13 Nov 2019 11:55

Instrument :
MSVOA_W
ClientSampleId :
VW1113SBS02

Tot Ion	Ratio	Lower	Upper
41	100		
39	44.8	44.8	67.2
67	68.7	59.3	88.9
52	27.3	23.4	35.0

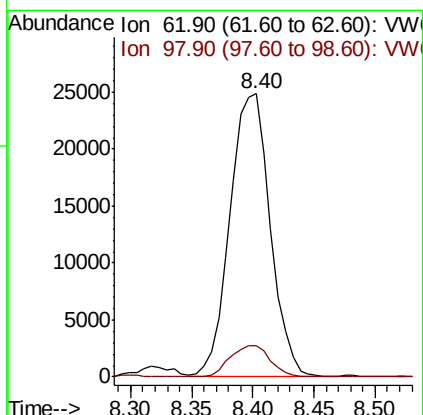
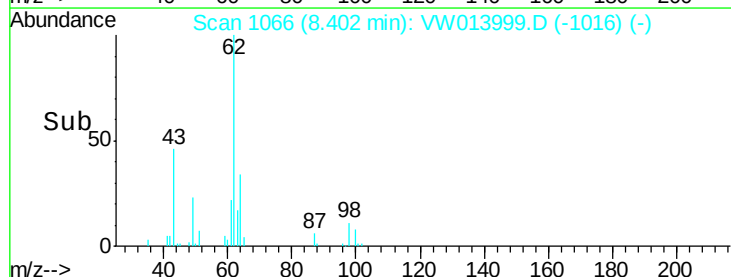
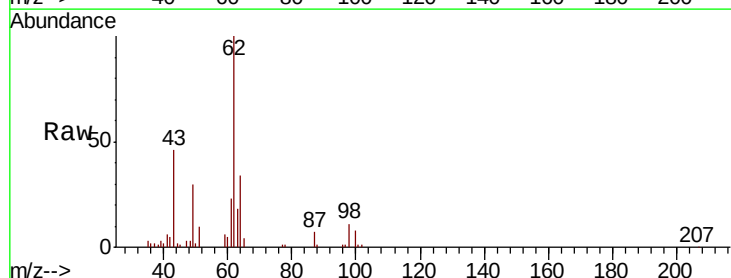
Manual Integrations
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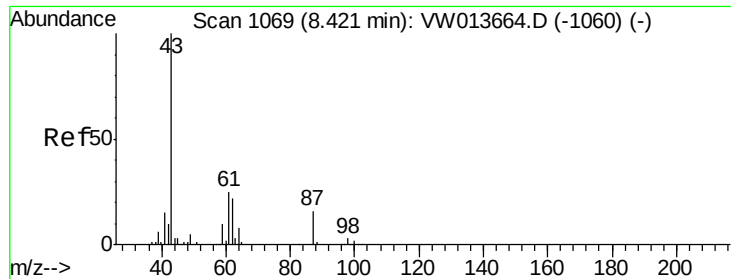
MMDadoda
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#42
1,2-Dichloroethane
Concen: 22.152 ug/l
RT: 8.40 min Scan# 1066
Delta R.T. 0.01 min
Lab File: VW013999.D
Acq: 13 Nov 2019 11:55

Tgt Ion	Ratio	Lower	Upper
62	100		
98	11.2	0.0	22.4





#43

Isopropyl Acetate

Concen: 26.112 ug/l

RT: 8.42 min Scan# 1069

Delta R.T. -0.00 min

Lab File: VW013999.D

Acq: 13 Nov 2019 11:55

Instrument :

MSVOA_W

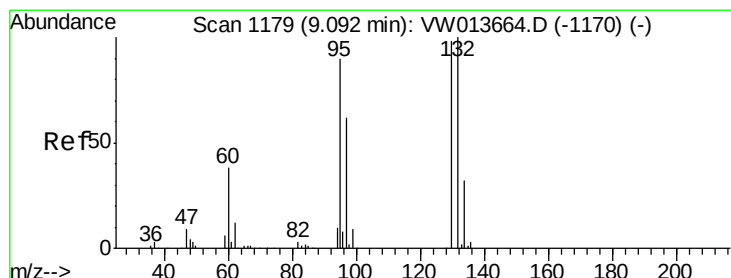
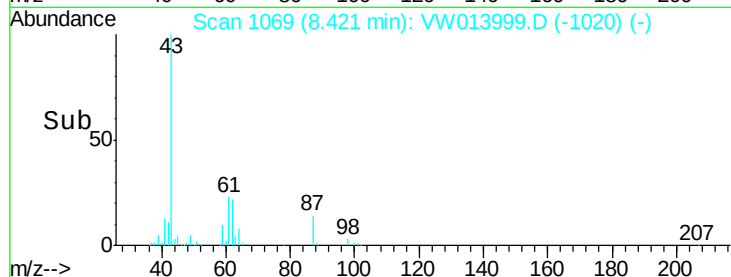
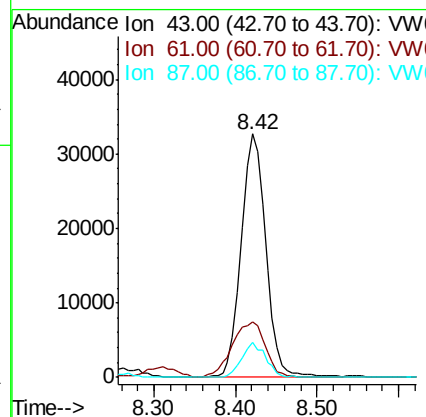
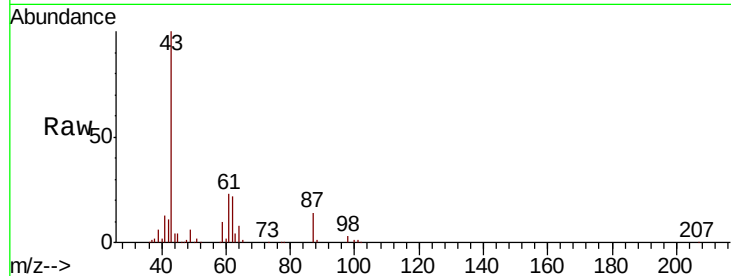
ClientSampleId :

VW1113SBS02

Tot Ion:	43	Resp:	68346
Ion	Ratio	Lower	Upper
43	100		
61	30.8	26.1	39.1
87	13.6	11.4	17.0

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#44

Trichloroethene

Concen: 20.493 ug/l

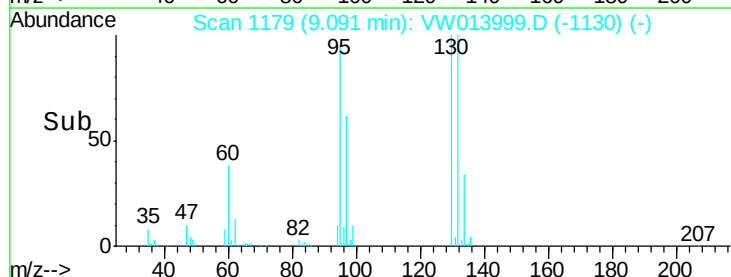
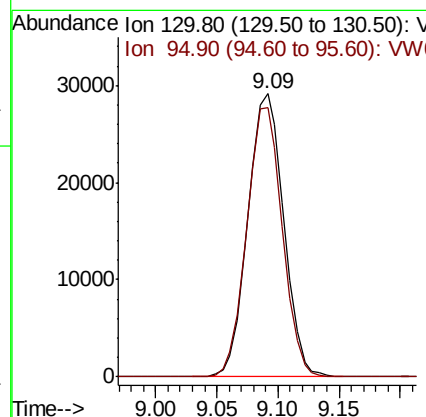
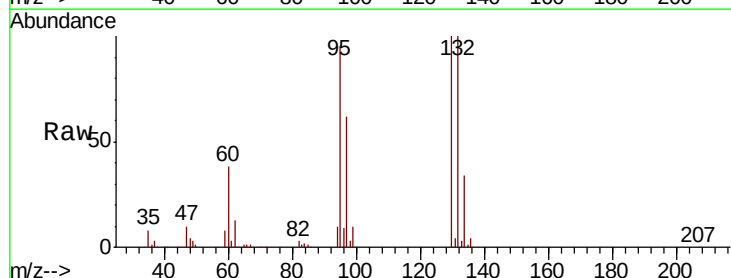
RT: 9.09 min Scan# 1179

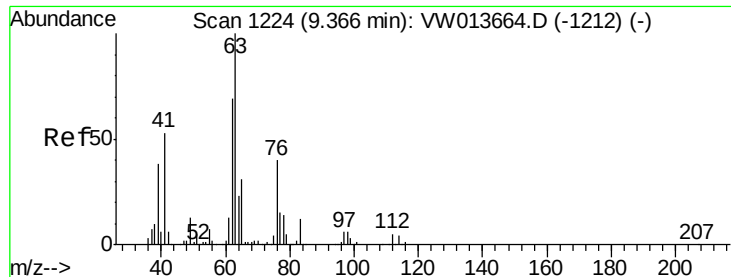
Delta R.T. -0.00 min

Lab File: VW013999.D

Acq: 13 Nov 2019 11:55

Tgt Ion:	130	Resp:	59344
Ion	Ratio	Lower	Upper
130	100		
95	94.9	0.0	184.6





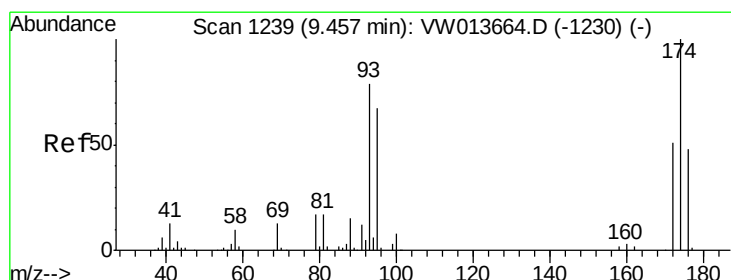
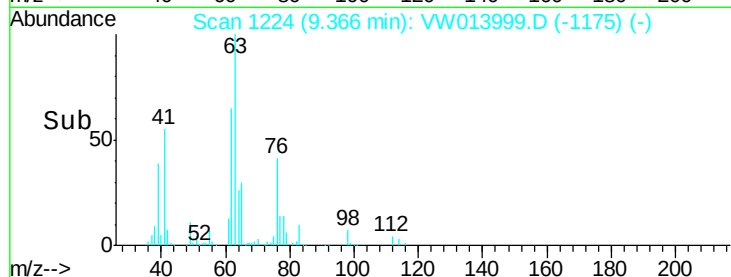
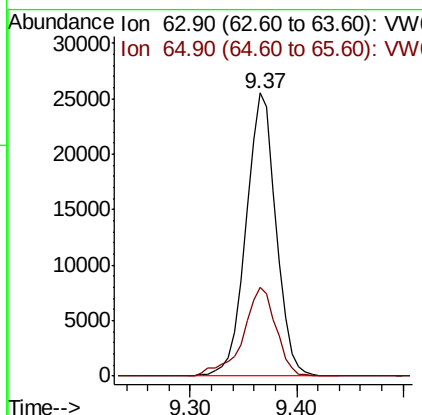
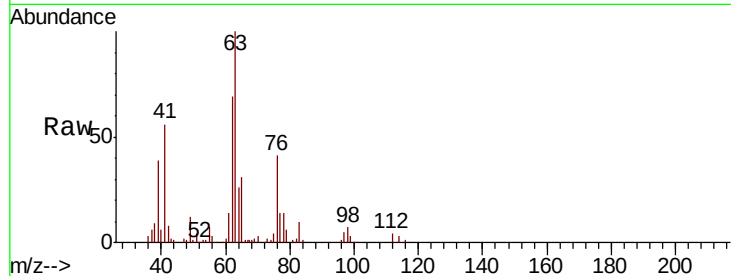
#45
 1,2-Dichloropropane
 Concen: 20.879 ug/l
 RT: 9.37 min Scan# 1224
 Delta R.T. -0.00 min
 Lab File: VW013999.D
 Acq: 13 Nov 2019 11:55

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1113SBS02

Tot Ion	63	Resp	50415
Ion Ratio	100	Lower	Upper
63	100		
65	31.4	25.2	37.8

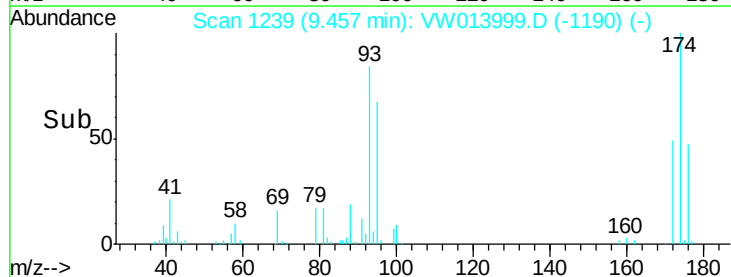
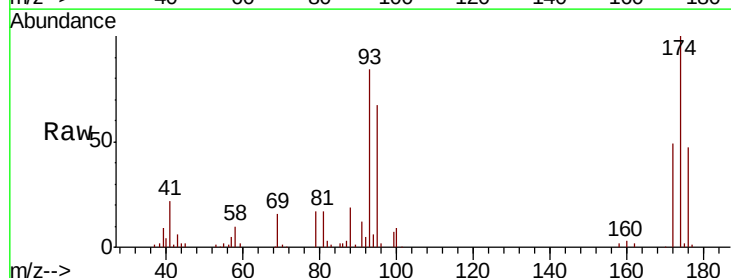
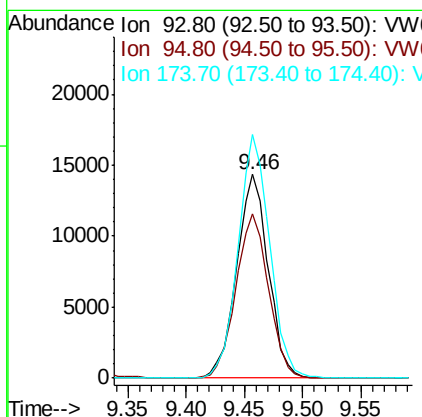
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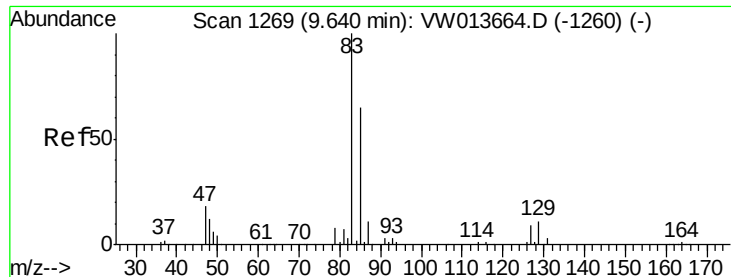
MMDadoda
 11/15/2019 10:50:07 AM



#46
 Dibromomethane
 Concen: 23.231 ug/l
 RT: 9.46 min Scan# 1239
 Delta R.T. -0.00 min
 Lab File: VW013999.D
 Acq: 13 Nov 2019 11:55

Tgt Ion	93	Resp	27226
Ion Ratio	100	Lower	Upper
93	100		
95	82.9	66.5	99.7
174	119.3	99.6	149.4





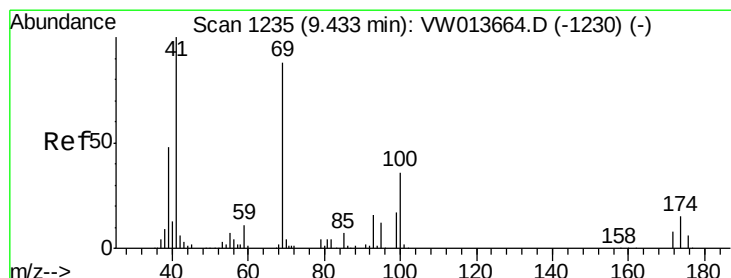
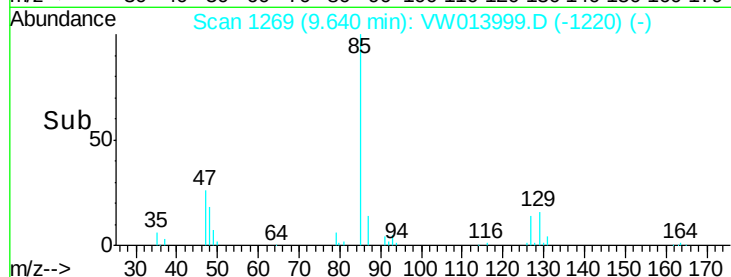
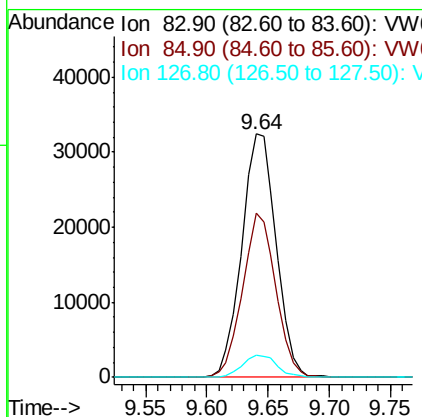
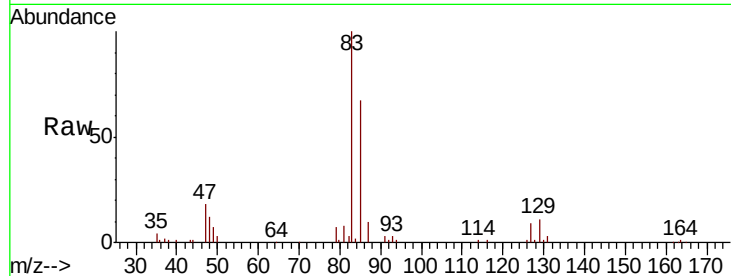
#47
 Bromodichloromethane
 Concen: 20.892 ug/l
 RT: 9.64 min Scan# 1269
 Delta R.T. -0.00 min
 Lab File: VW013999.D
 Acq: 13 Nov 2019 11:55

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1113SBS02

Tot Ion	83	Resp	63352
Ion Ratio	100	Lower	Upper
83	100		
85	67.3	51.8	77.6
127	9.3	7.3	10.9

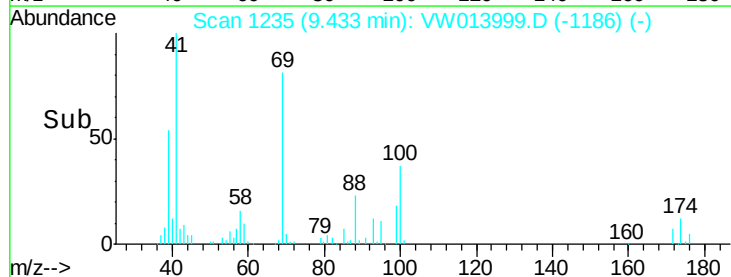
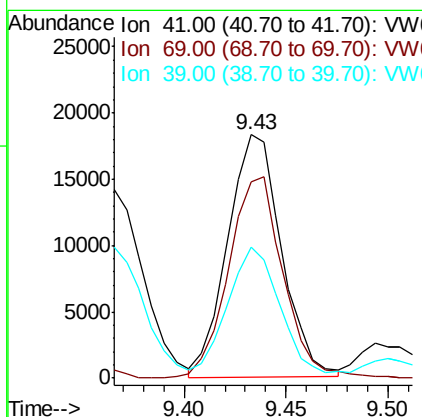
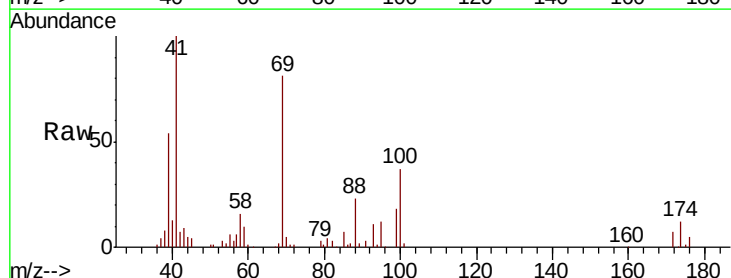
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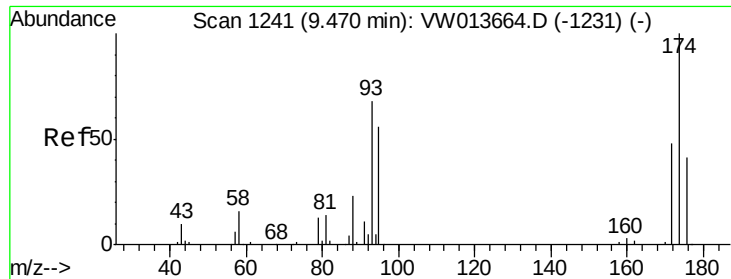
MMDadoda
 11/15/2019 10:50:07 AM



#48
 Methyl methacrylate
 Concen: 25.849 ug/l
 RT: 9.43 min Scan# 1235
 Delta R.T. -0.00 min
 Lab File: VW013999.D
 Acq: 13 Nov 2019 11:55

Tgt Ion	41	Resp	33552
Ion Ratio	100	Lower	Upper
41	100		
69	84.3	67.6	101.4
39	48.8	38.6	58.0





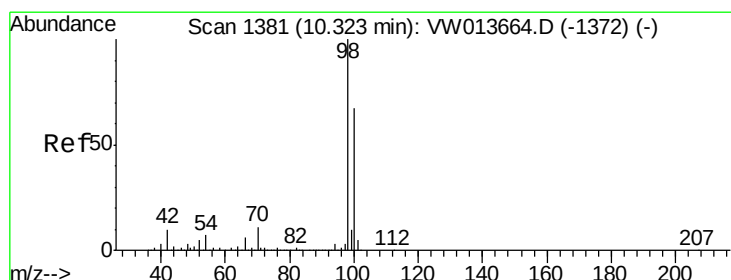
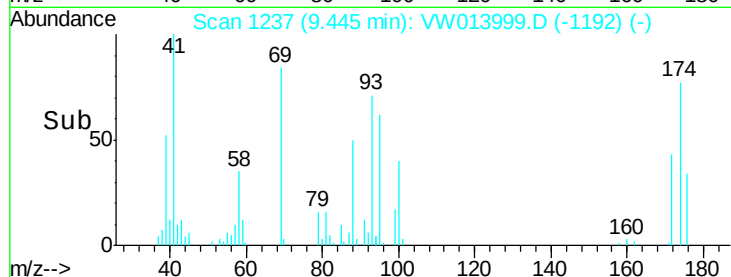
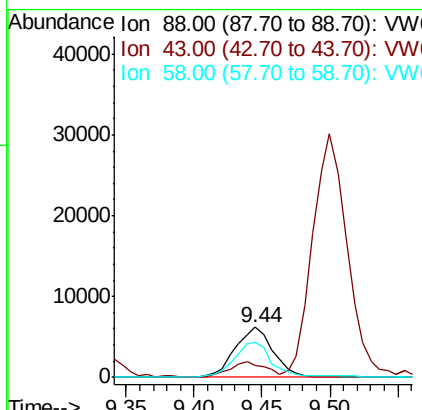
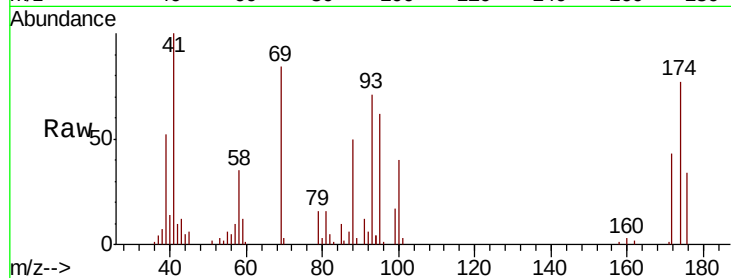
#49
1,4-Dioxane
Concen: 696.315 ug/l
RT: 9.44 min Scan# 1237
Delta R.T. -0.02 min
Lab File: VW013999.D
Acq: 13 Nov 2019 11:55

Instrument :
MSVOA_W
ClientSampleId :
VW1113SBS02

Tot Ion	Ratio	Lower	Upper
88	100		
43	30.2	0.0	0.0#
58	69.7	58.9	88.3

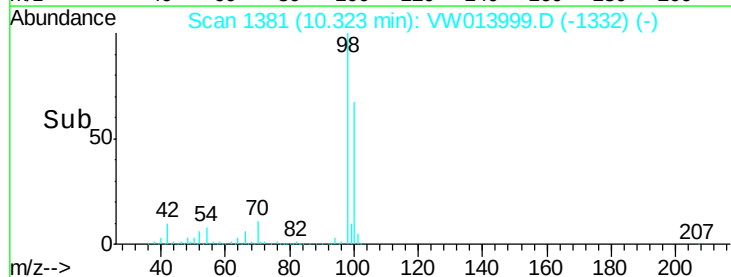
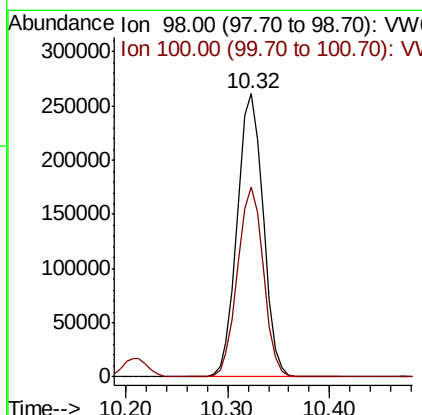
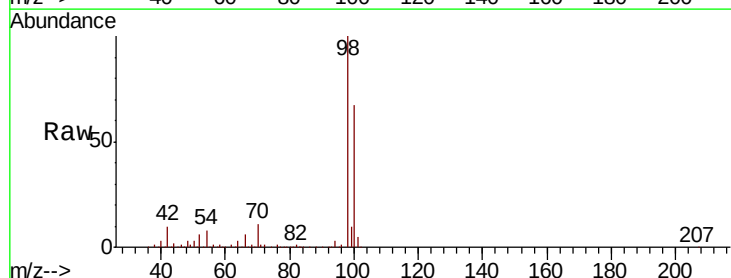
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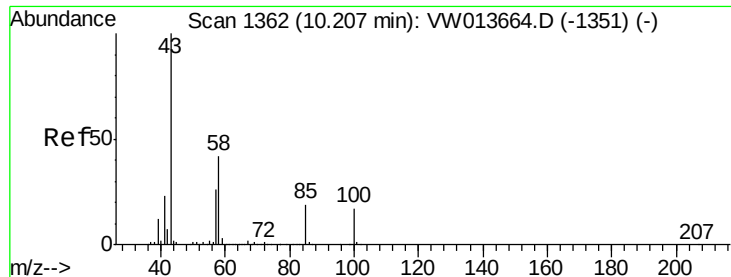
MMDadoda
11/15/2019 10:50:07 AM



#50
Toluene-d8
Concen: 53.030 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW013999.D
Acq: 13 Nov 2019 11:55

Tgt Ion	Ratio	Lower	Upper
98	100		
100	66.6	53.4	80.0





#51

4-Methyl-2-Pentanone

Concen: 140.304 ug/l

RT: 10.21 min Scan# 1362

Delta R.T. -0.00 min

Lab File: VW013999.D

Acq: 13 Nov 2019 11:55

Instrument :

MSVOA_W

ClientSampleId :

VW1113SBS02

Tot Ion: 43 Resp: 182487

Ion Ratio Lower Upper

43 100

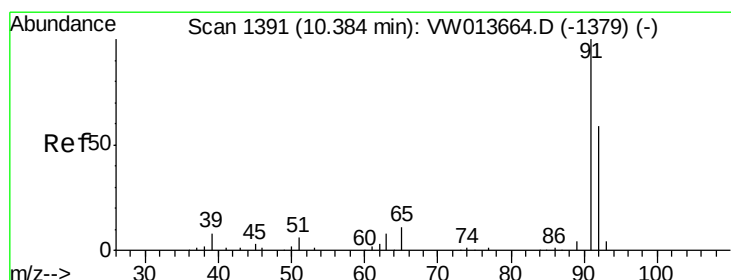
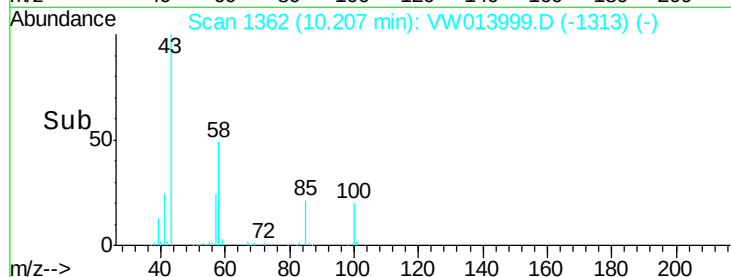
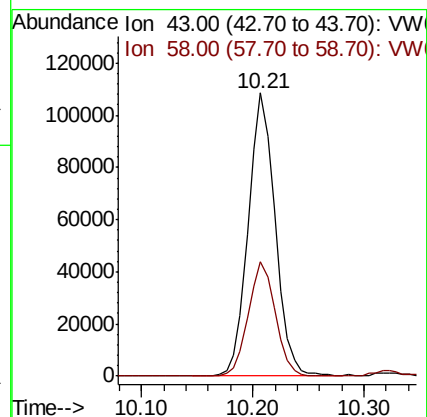
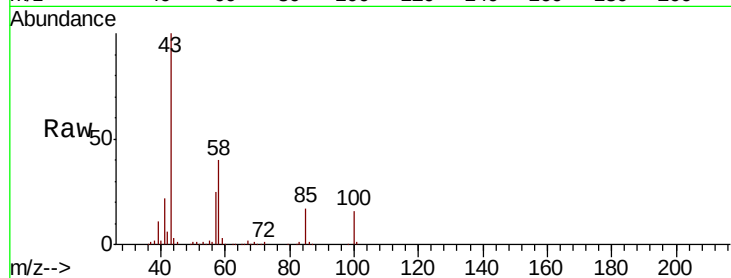
58 40.7 32.6 49.0

Manual Integrations

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11/15/2019 10:50:07 AM



#52

Toluene

Concen: 21.024 ug/l

RT: 10.38 min Scan# 1391

Delta R.T. -0.00 min

Lab File: VW013999.D

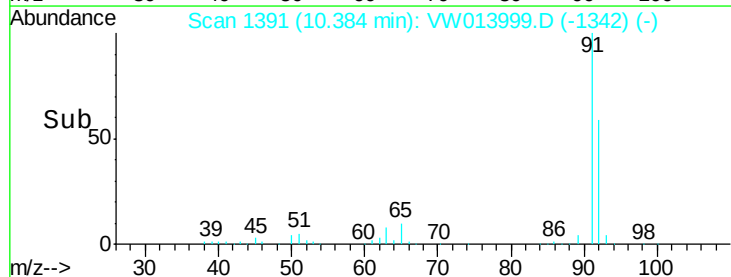
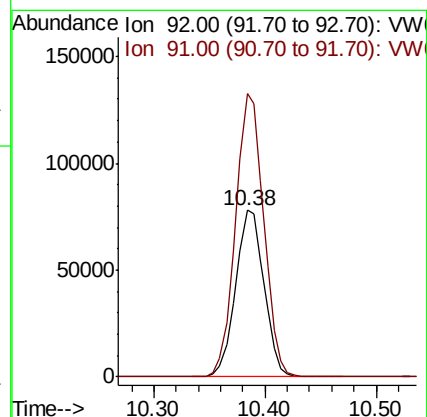
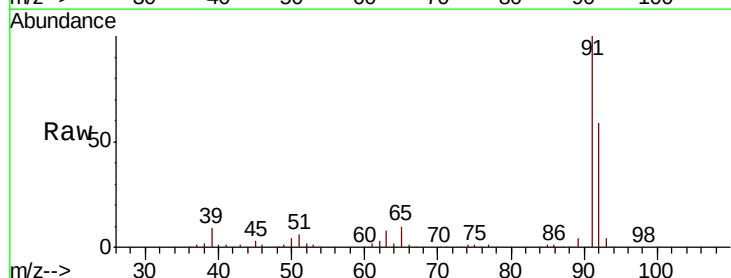
Acq: 13 Nov 2019 11:55

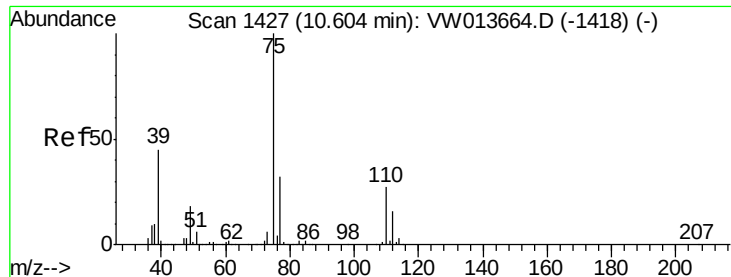
Tgt Ion: 92 Resp: 137097

Ion Ratio Lower Upper

92 100

91 169.6 134.5 201.7





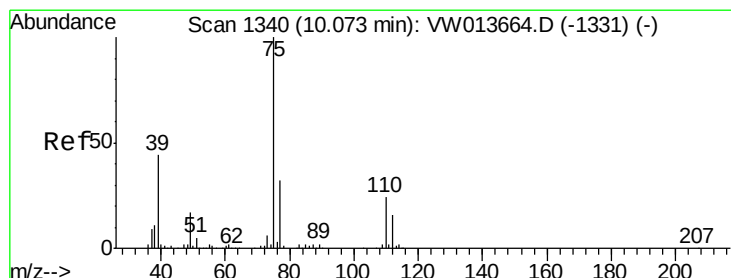
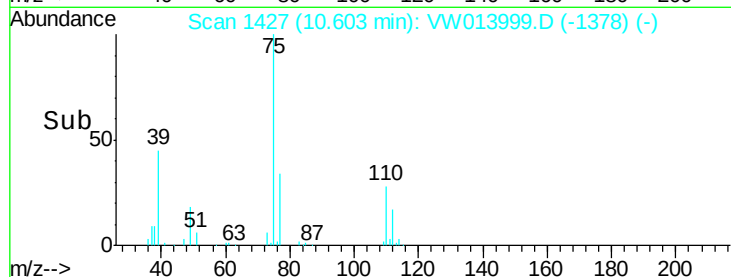
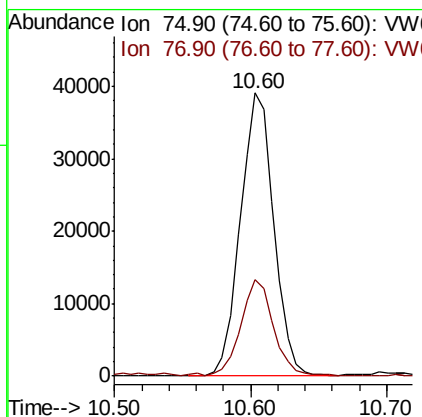
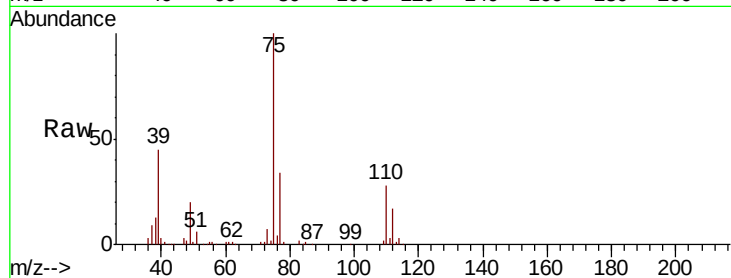
#53
 t-1,3-Dichloropropene
 Concen: 21.823 ug/l
 RT: 10.60 min Scan# 1427
 Delta R.T. -0.00 min
 Lab File: VW013999.D
 Acq: 13 Nov 2019 11:55

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1113SBS02

Tot Ion	75	Resp	66993
Ion Ratio	Lower	Upper	
75	100		
77	33.9	25.5	38.3

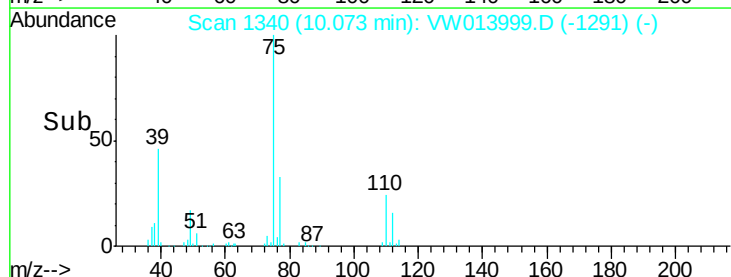
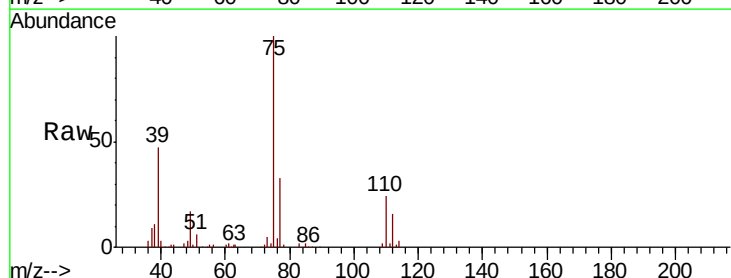
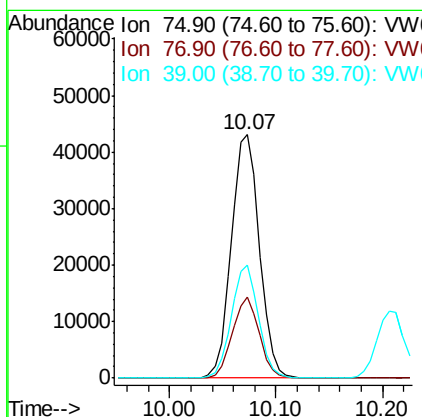
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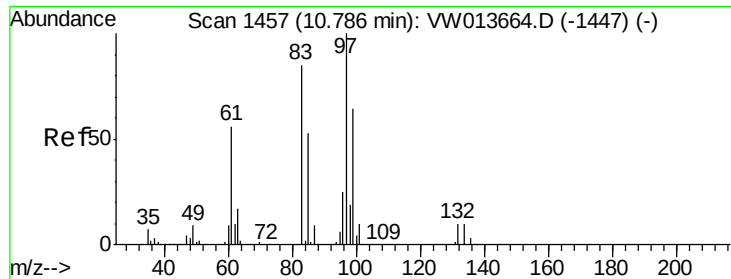
MMDadoda
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#54
 cis-1,3-Dichloropropene
 Concen: 21.060 ug/l
 RT: 10.07 min Scan# 1340
 Delta R.T. -0.00 min
 Lab File: VW013999.D
 Acq: 13 Nov 2019 11:55

Tgt Ion	75	Resp	79765
Ion Ratio	Lower	Upper	
75	100		
77	33.1	25.8	38.6
39	46.6	35.3	52.9





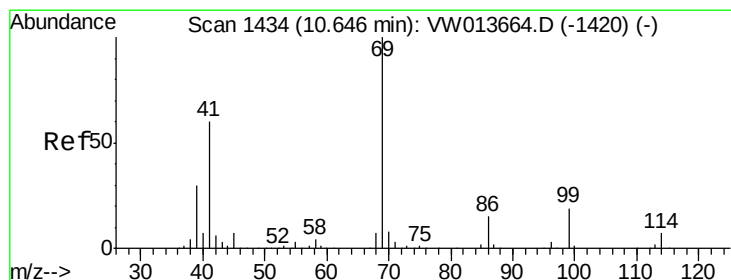
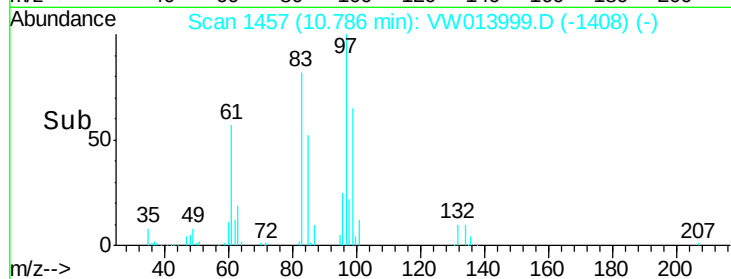
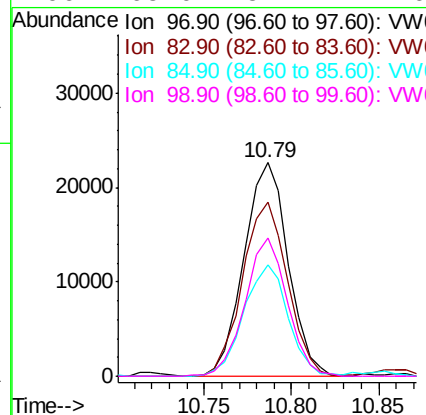
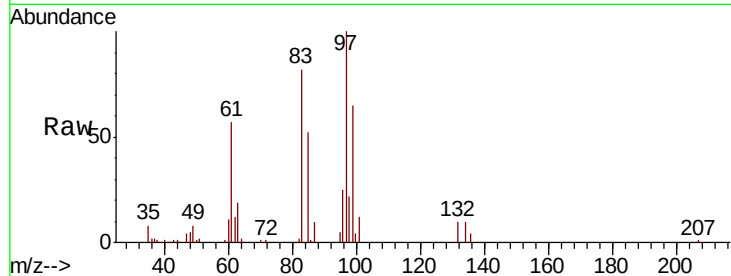
#55
 1,1,2-Trichloroethane
 Concen: 22.819 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. -0.00 min
 Lab File: VW013999.D
 Acq: 13 Nov 2019 11:55

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1113SBS02

Tot Ion	Ratio	Lower	Upper
97	100		
83	81.5	67.8	101.8
85	52.1	42.1	63.1
99	65.0	51.4	77.0

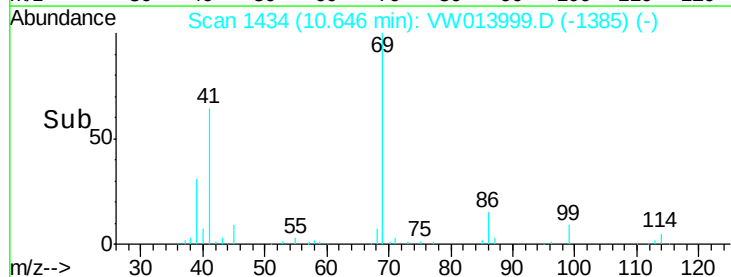
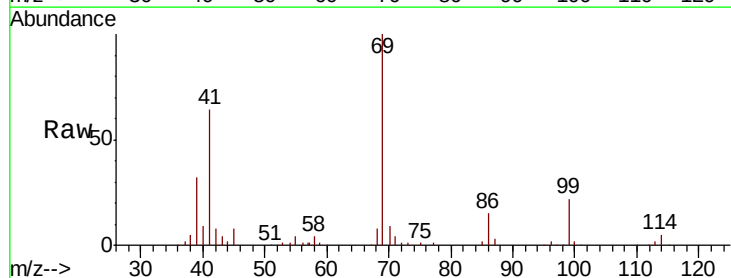
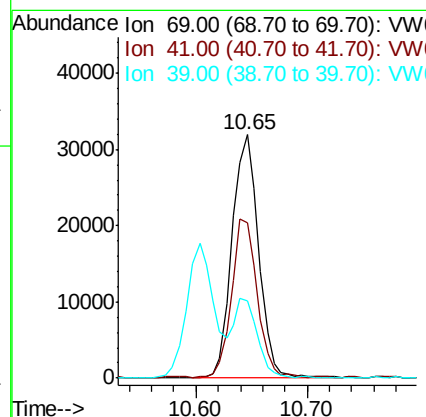
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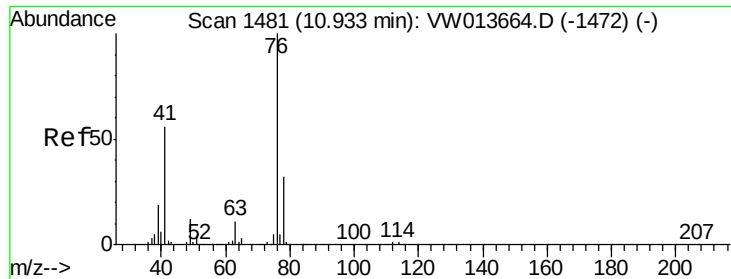
MMDadoda
 11/15/2019 10:50:07 AM



#56
 Ethyl methacrylate
 Concen: 24.159 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. -0.00 min
 Lab File: VW013999.D
 Acq: 13 Nov 2019 11:55

Tgt Ion	Ratio	Lower	Upper
69	100		
41	62.3	51.6	77.4
39	29.1	22.4	33.6





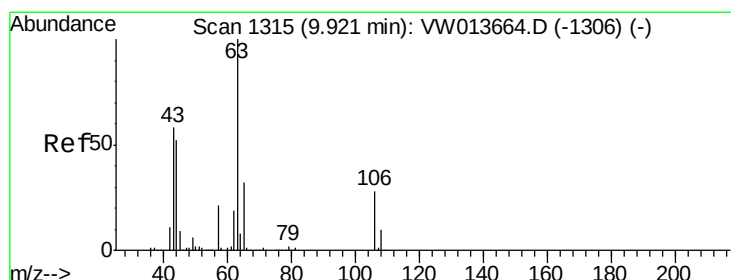
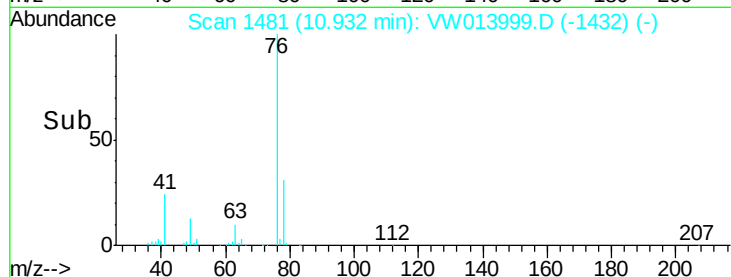
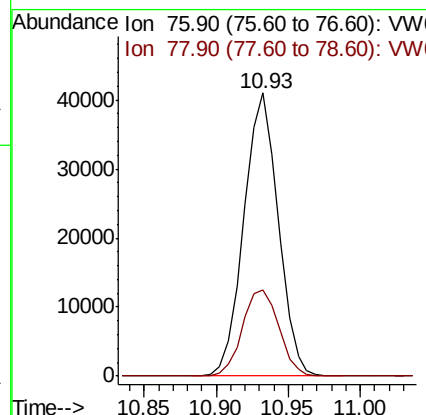
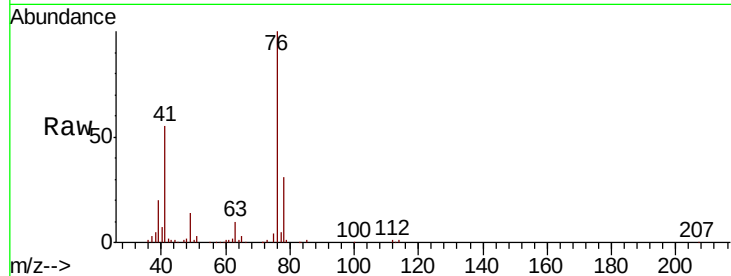
#57
 1,3-Dichloropropane
 Concen: 22.652 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. -0.00 min
 Lab File: VW013999.D
 Acq: 13 Nov 2019 11:55

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1113SBS02

Tot Ion: 76 Resp: 67897
 Ion Ratio Lower Upper
 76 100
 78 32.6 26.0 39.0

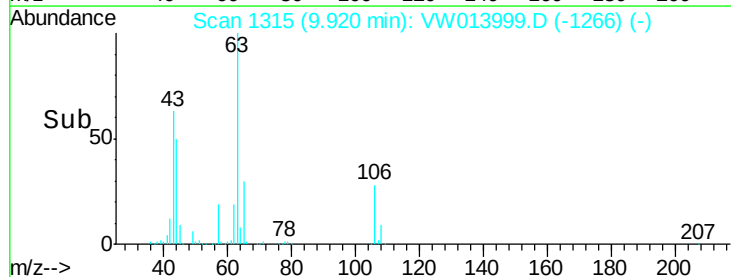
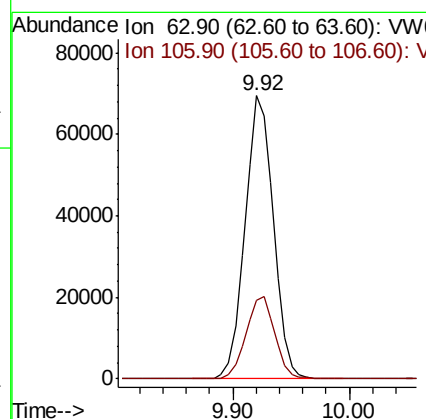
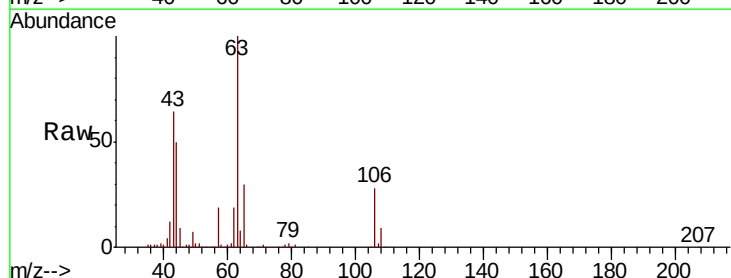
Manual Integrations
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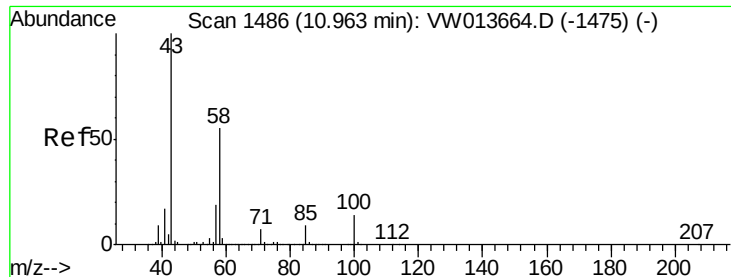
MMDadoda
 11/15/2019 10:50:07 AM



#58
 2-Chloroethyl Vinyl ether
 Concen: 117.640 ug/l
 RT: 9.92 min Scan# 1315
 Delta R.T. -0.00 min
 Lab File: VW013999.D
 Acq: 13 Nov 2019 11:55

Tgt Ion: 63 Resp: 118315
 Ion Ratio Lower Upper
 63 100
 106 29.4 23.8 35.8





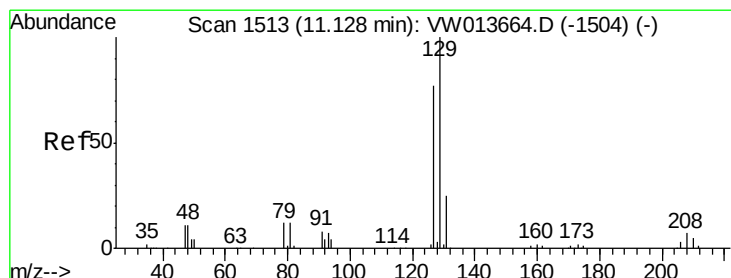
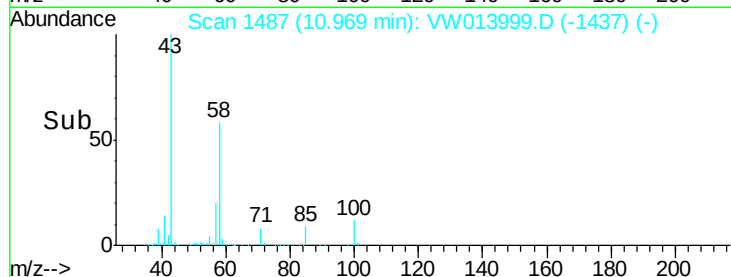
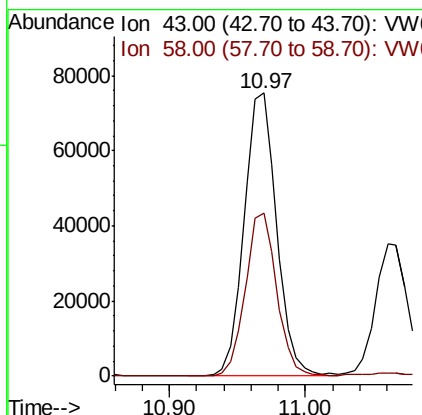
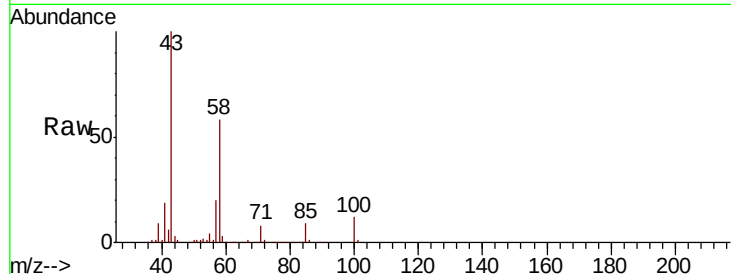
#59
2-Hexanone
Concen: 140.807 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. 0.01 min
Lab File: VW013999.D
Acq: 13 Nov 2019 11:55

Instrument :
MSVOA_W
ClientSampleId :
VW1113SBS02

Tot Ion: 43 Resp: 126256
Ion Ratio Lower Upper
43 100
58 55.8 27.9 83.7

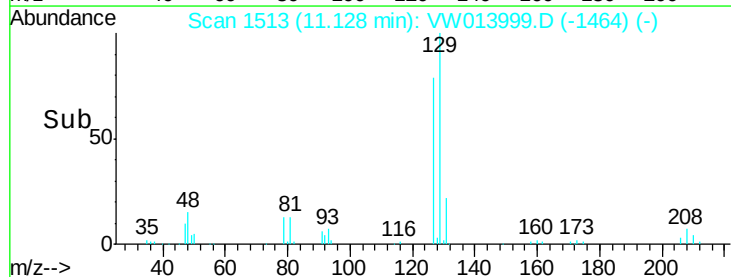
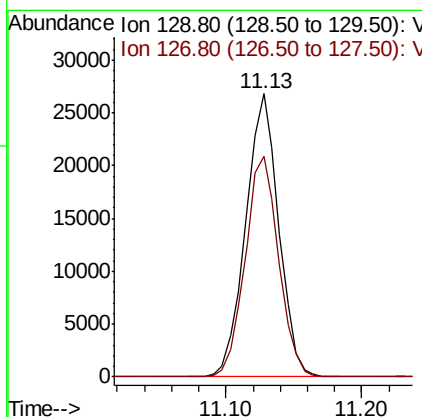
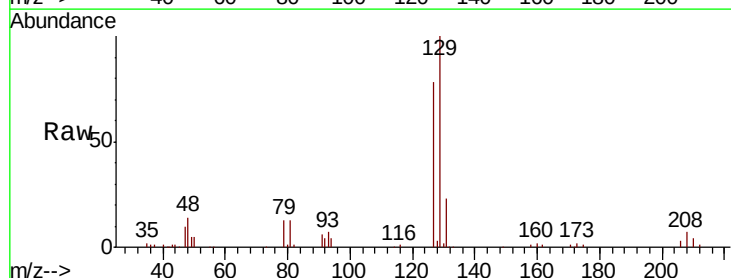
Manual Integrations
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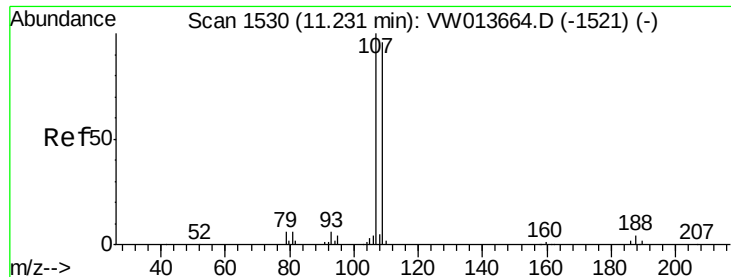
MMDadoda
11/15/2019 10:50:07 AM



#60
Dibromochloromethane
Concen: 21.930 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VW013999.D
Acq: 13 Nov 2019 11:55

Tgt Ion: 129 Resp: 45478
Ion Ratio Lower Upper
129 100
127 78.9 38.9 116.7





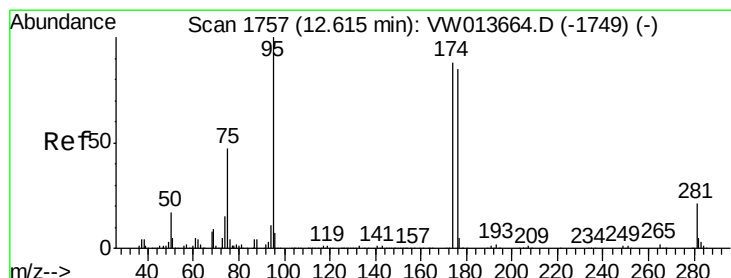
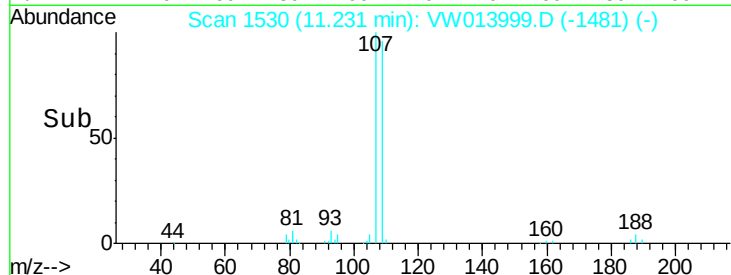
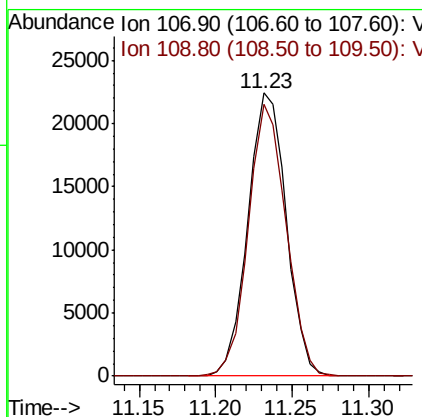
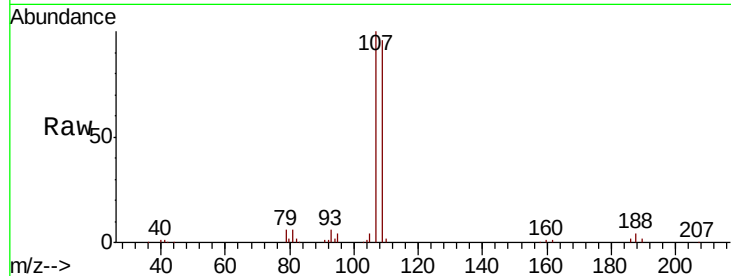
#61
1,2-Dibromoethane
Concen: 23.687 ug/l
RT: 11.23 min Scan# 1530
Delta R.T. -0.00 min
Lab File: VW013999.D
Acq: 13 Nov 2019 11:55

Instrument :
MSVOA_W
ClientSampleId :
VW1113SBS02

Tot Ion: 107 Resp: 39142
Ion Ratio Lower Upper
107 100
109 94.6 75.7 113.5

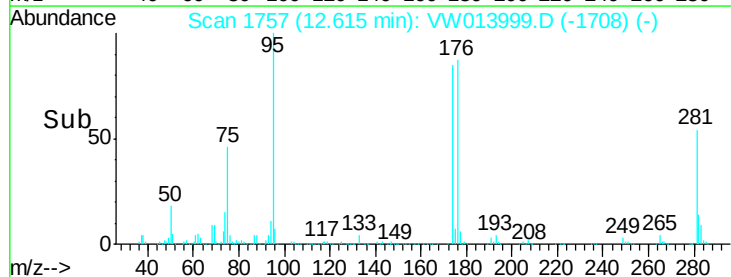
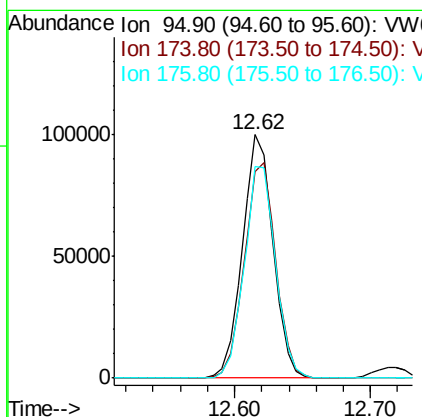
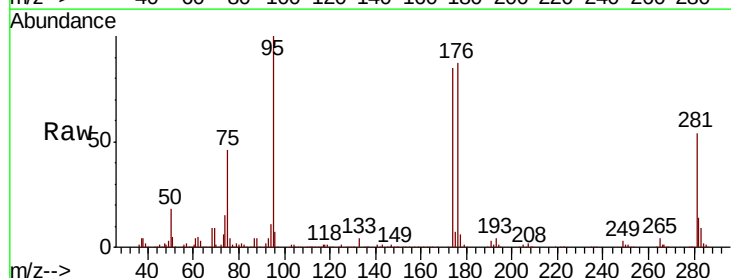
Manual Integrations
APPROVED

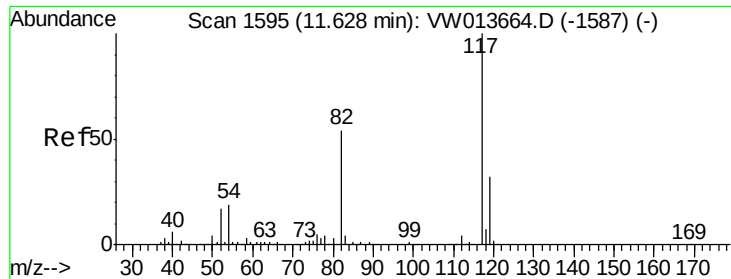
MMDadoda
11/15/2019 10:50:07 AM



#62
4-Bromofluorobenzene
Concen: 53.276 ug/l
RT: 12.62 min Scan# 1757
Delta R.T. -0.00 min
Lab File: VW013999.D
Acq: 13 Nov 2019 11:55

Tgt Ion: 95 Resp: 156662
Ion Ratio Lower Upper
95 100
174 91.0 0.0 183.6
176 89.3 0.0 178.0





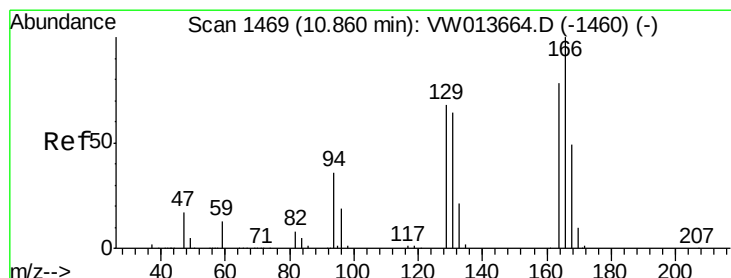
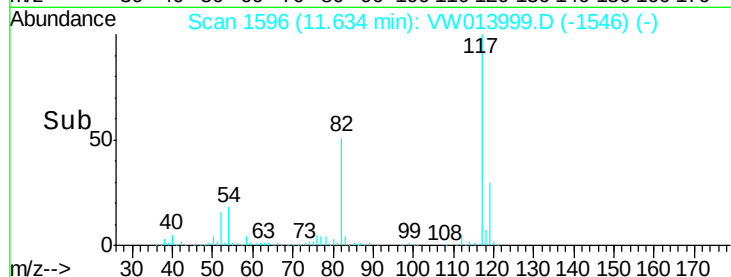
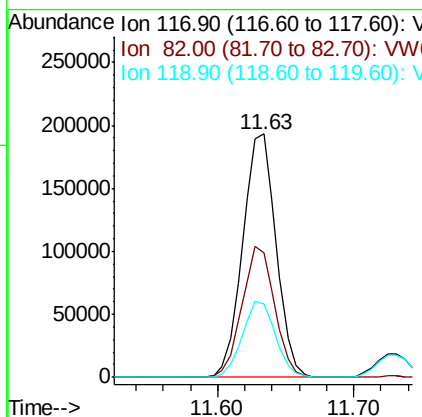
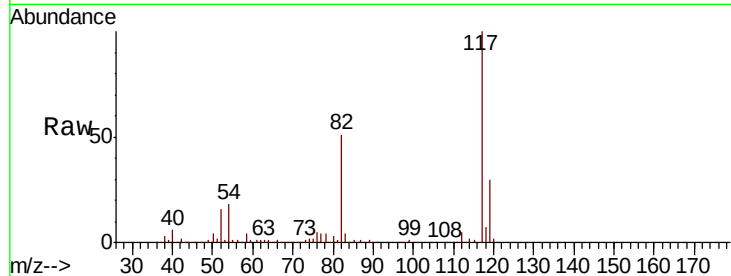
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.01 min
Lab File: VW013999.D
Acq: 13 Nov 2019 11:55

Instrument :
MSVOA_W
ClientSampleId :
VW1113SBS02

Tot Ion	Ratio	Lower	Upper
117	100		
82	51.3	43.6	65.4
119	30.1	25.4	38.2

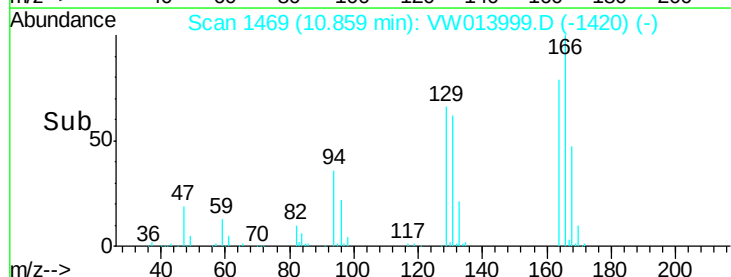
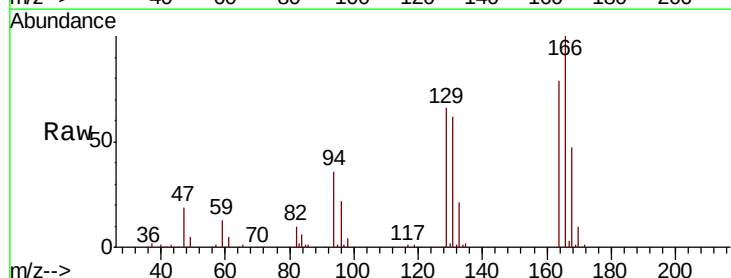
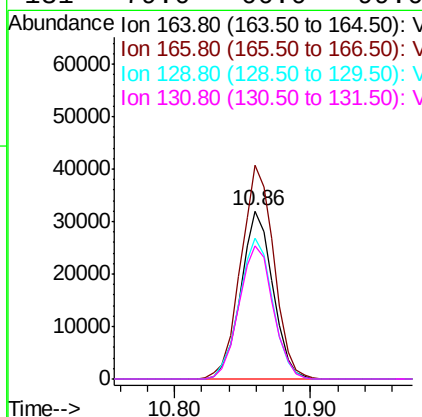
Manual Integrations
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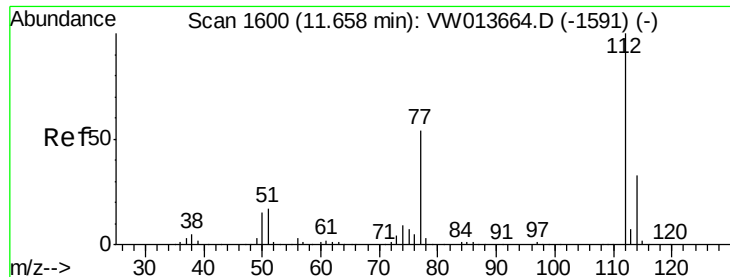
MMDadoda
11/15/2019 10:50:07 AM



#64
Tetrachloroethene
Concen: 20.694 ug/l
RT: 10.86 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VW013999.D
Acq: 13 Nov 2019 11:55

Tgt Ion	Ratio	Lower	Upper
164	100		
166	127.1	103.2	154.8
129	83.9	70.6	105.8
131	79.0	66.0	99.0





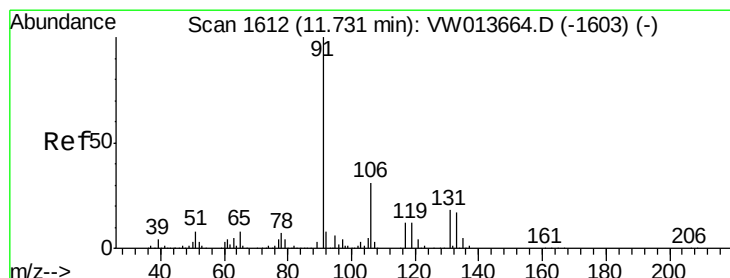
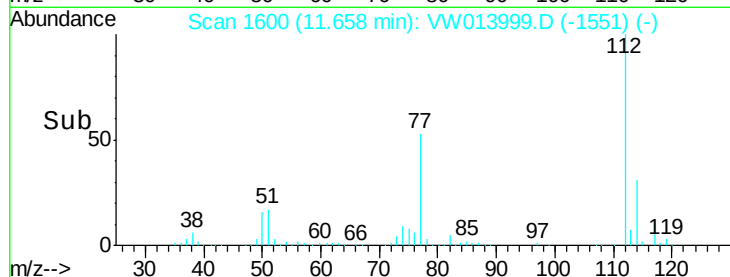
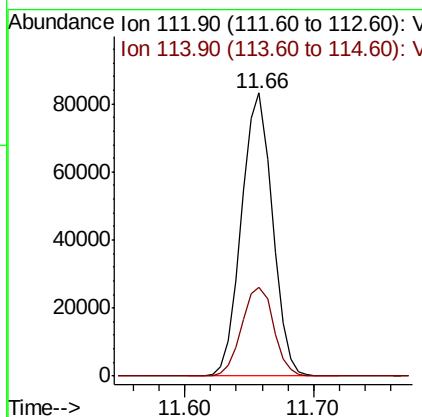
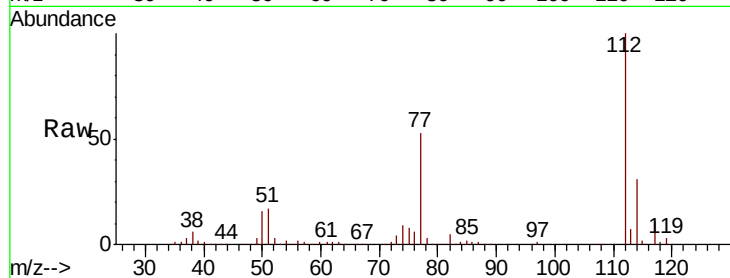
#65
Chlorobenzene
Concen: 20.251 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VW013999.D
Acq: 13 Nov 2019 11:55

Instrument :
MSVOA_W
ClientSampleId :
VW1113SBS02

Tot Ion:112 Resp: 138107
Ion Ratio Lower Upper
112 100
114 31.4 26.2 39.4

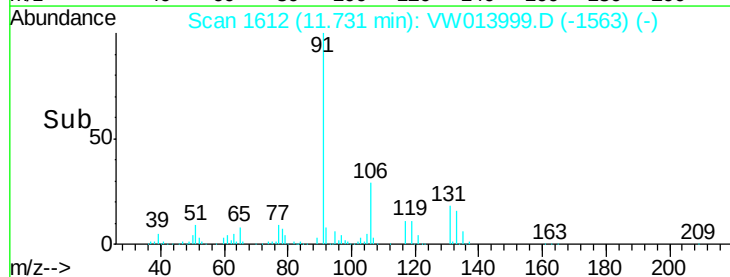
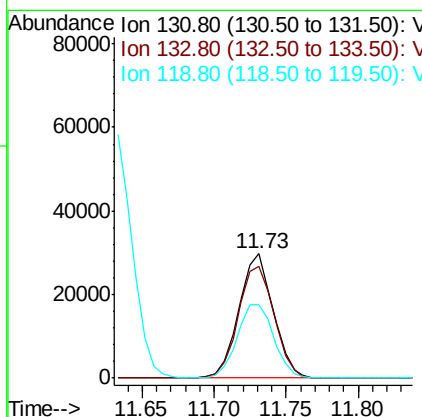
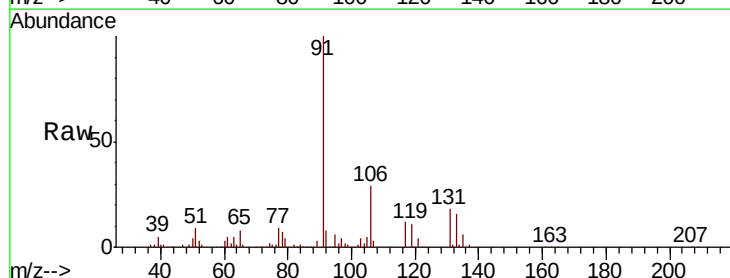
Manual Integrations
APPROVED

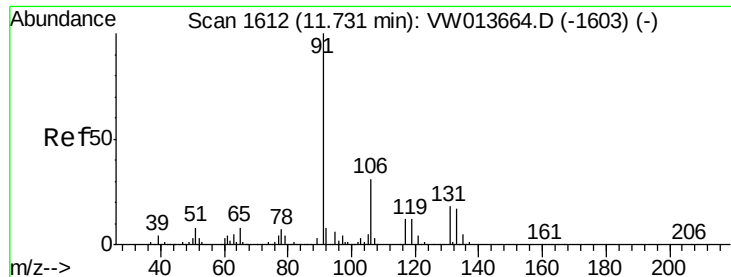
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#66
1,1,1,2-Tetrachloroethane
Concen: 20.638 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW013999.D
Acq: 13 Nov 2019 11:55

Tgt Ion:131 Resp: 49121
Ion Ratio Lower Upper
131 100
133 94.1 47.4 142.3
119 63.4 33.1 99.2





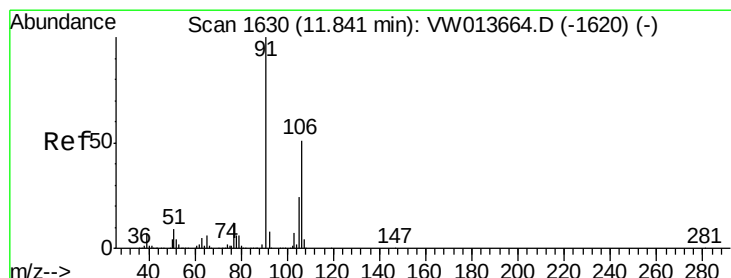
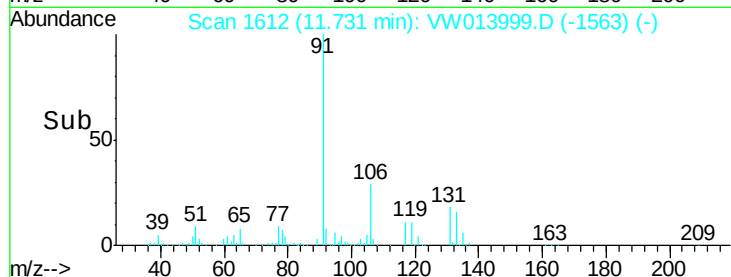
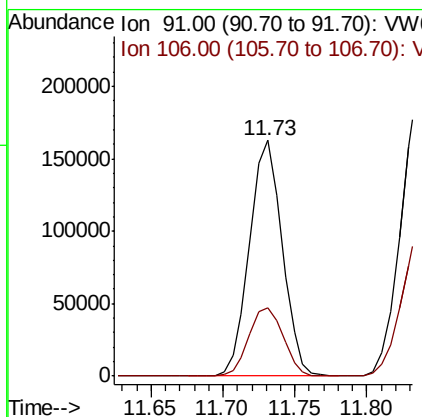
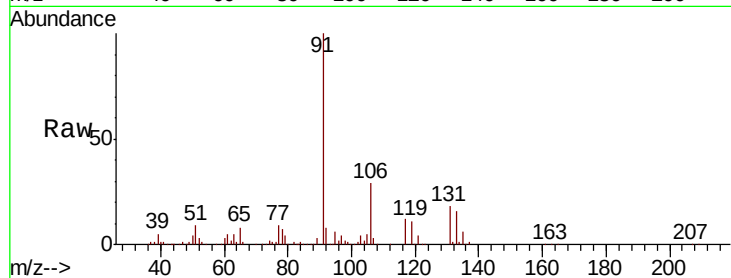
#67
Ethyl Benzene
Concen: 20.801 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW013999.D
Acq: 13 Nov 2019 11:55

Instrument :
MSVOA_W
ClientSampleId :
VW1113SBS02

Tot Ion	Ratio	Lower	Upper
91	100		
106	29.2	25.0	37.6

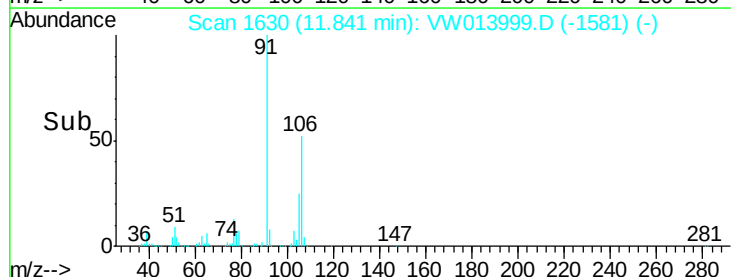
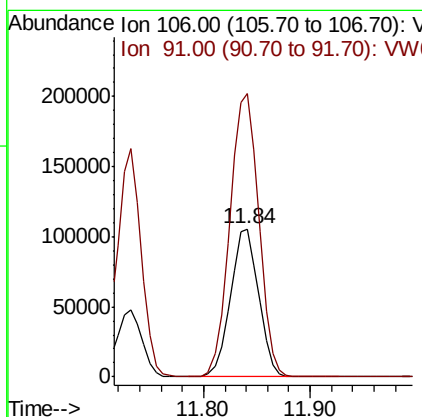
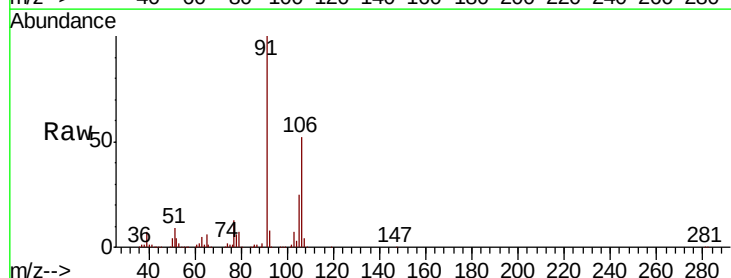
Manual Integrations
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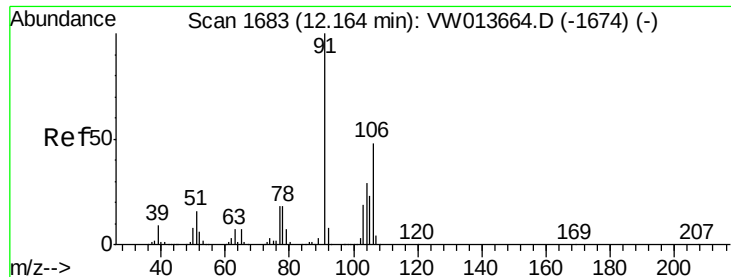
MMDadoda
11/15/2019 10:50:07 AM



#68
m/p-Xylenes
Concen: 41.270 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. -0.00 min
Lab File: VW013999.D
Acq: 13 Nov 2019 11:55

Tgt Ion	Ratio	Lower	Upper
106	100		
91	196.0	159.2	238.8





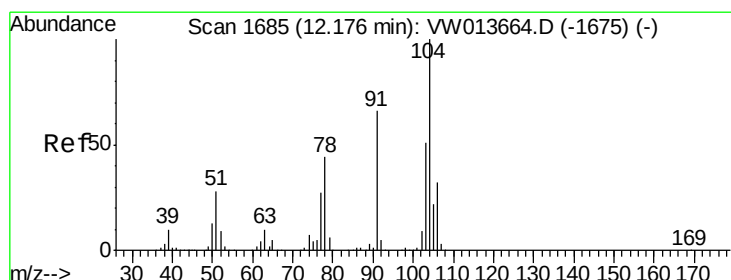
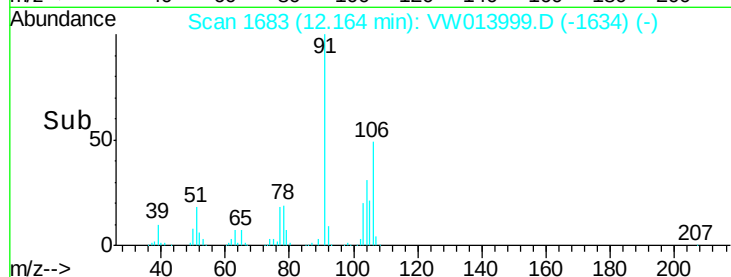
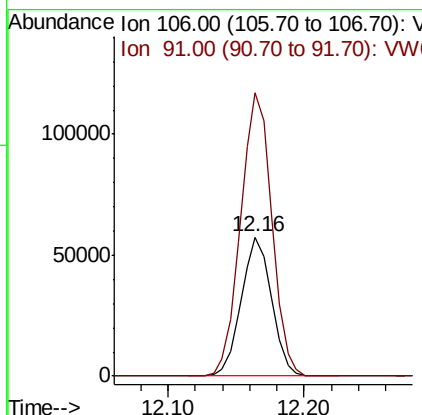
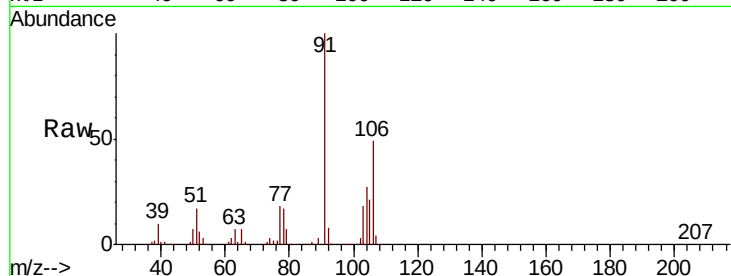
#69
o-Xylene
Concen: 20.588 ug/l
RT: 12.16 min Scan# 1683
Delta R.T. -0.00 min
Lab File: VW013999.D
Acq: 13 Nov 2019 11:55

Instrument :
MSVOA_W
ClientSampleId :
VW1113SBS02

Tot Ion	Ion	Ratio	Lower	Upper
106	100			
91	209.0	104.9	314.7	

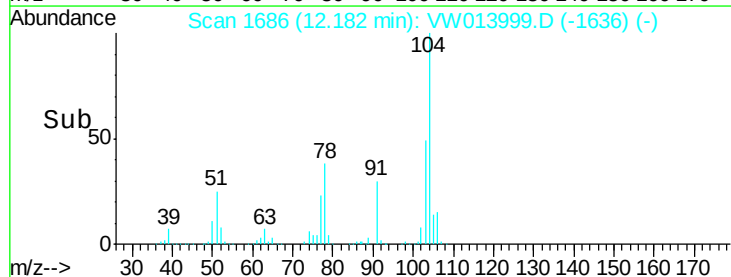
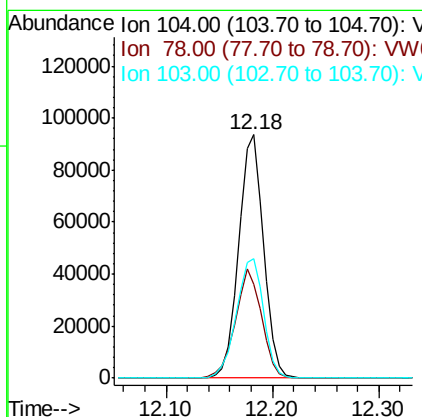
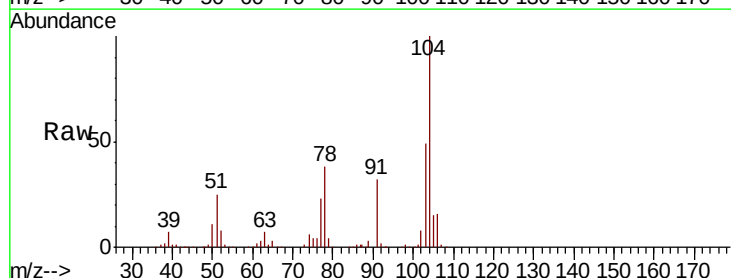
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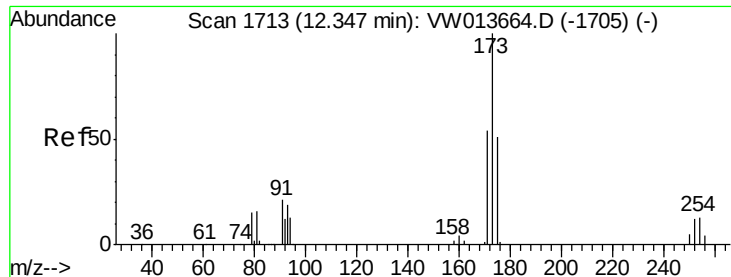
MMDadoda
11/15/2019 10:50:07 AM



#70
Styrene
Concen: 20.480 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. 0.01 min
Lab File: VW013999.D
Acq: 13 Nov 2019 11:55

Tgt Ion	Ion	Ratio	Lower	Upper
104	100			
78	47.2	37.1	55.7	
103	53.7	43.6	65.4	





#71

Bromoform

Concen: 23.739 ug/l

RT: 12.35 min Scan# 1713

Delta R.T. -0.00 min

Lab File: VW013999.D

Acq: 13 Nov 2019 11:55

Instrument :

MSVOA_W

ClientSampleId :

VW1113SBS02

Tot Ion:173 Resp: 29650

Ion Ratio Lower Upper

173 100

175 50.3 25.2 75.6

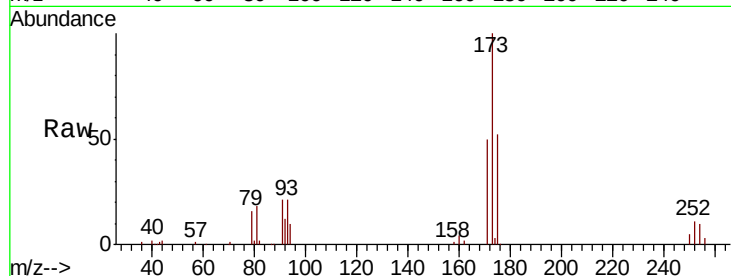
254 0.0 0.1 0.1#

Manual Integrations

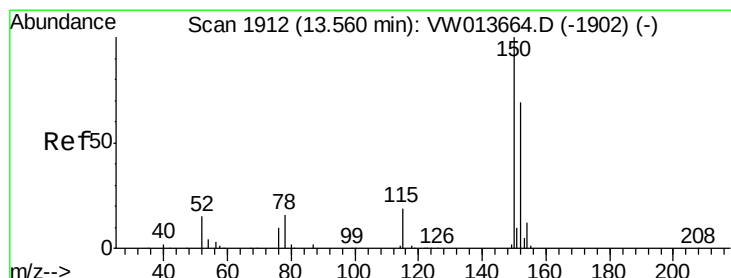
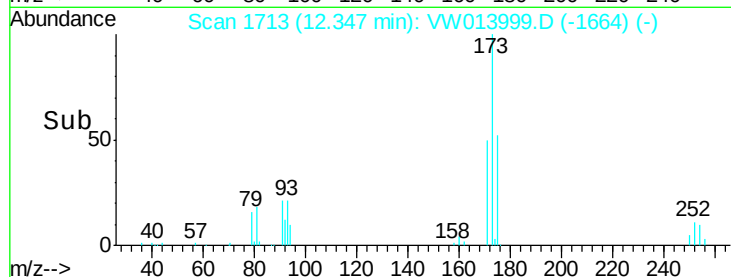
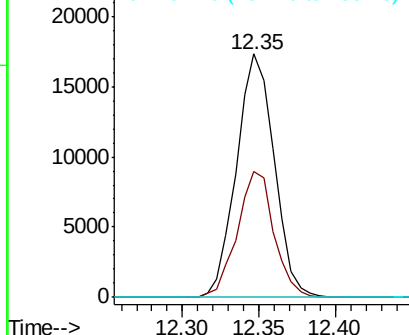
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Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. -0.00 min

Lab File: VW013999.D

Acq: 13 Nov 2019 11:55

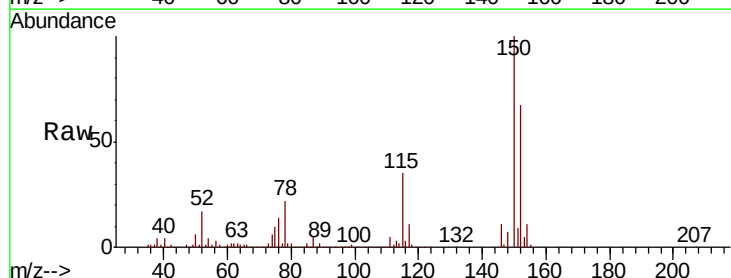
Tgt Ion:152 Resp: 171034

Ion Ratio Lower Upper

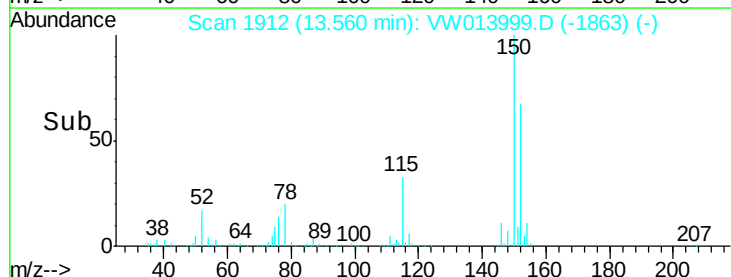
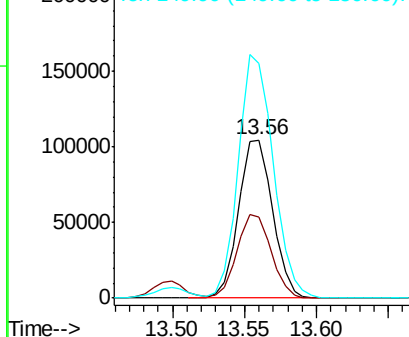
152 100

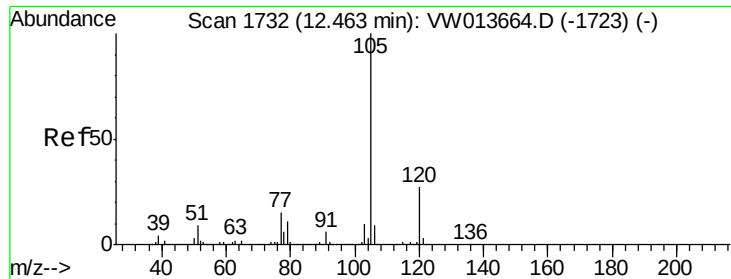
115 53.2 27.4 82.2

150 158.9 0.0 345.4



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





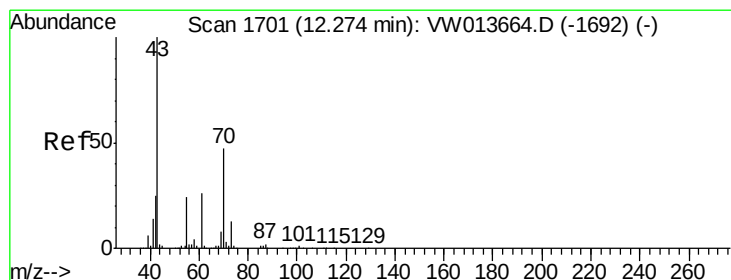
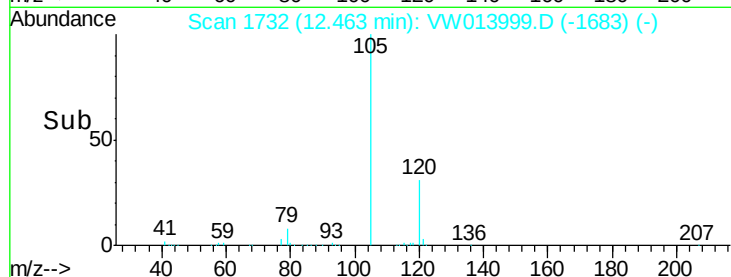
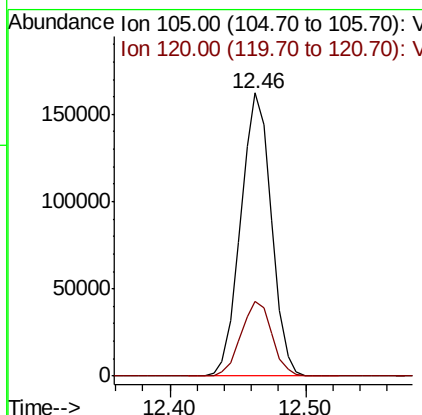
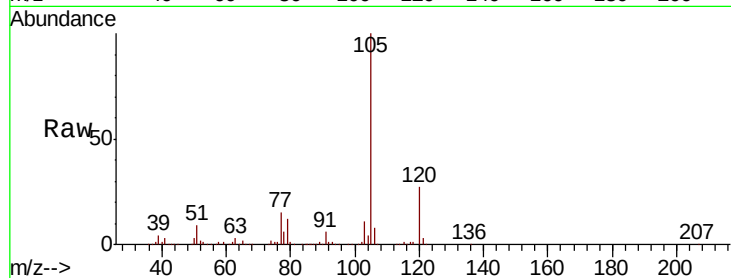
#73
Isopropylbenzene
Concen: 20.747 ug/l
RT: 12.46 min Scan# 1732
Delta R.T. -0.00 min
Lab File: VW013999.D
Acq: 13 Nov 2019 11:55

Instrument :
MSVOA_W
ClientSampleId :
VW1113SBS02

Tot Ion	Ratio	Resp	Lower	Upper
105	100	254831		
120	26.7	13.5	40.4	

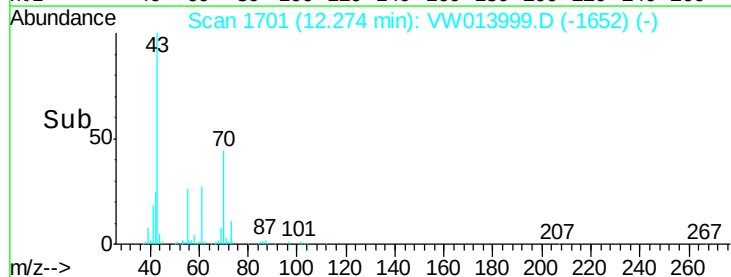
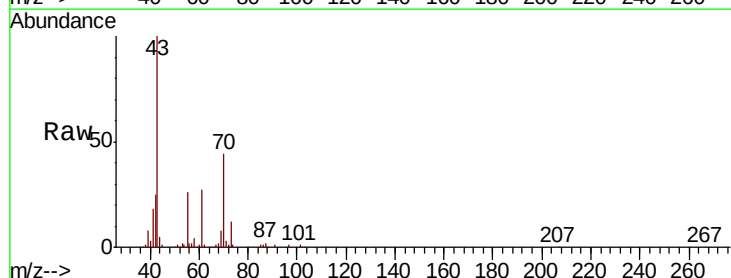
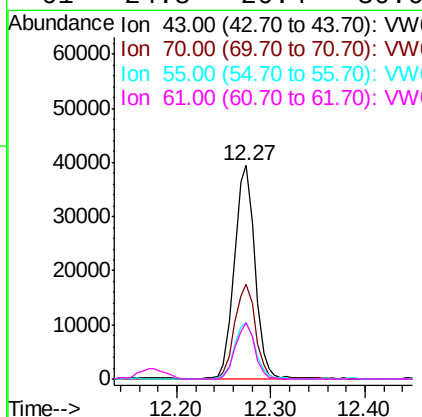
Manual Integrations
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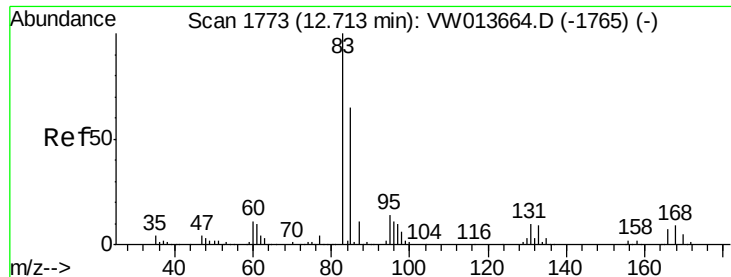
MMDadoda
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#74
N-ethyl acetate
Concen: 25.358 ug/l
RT: 12.27 min Scan# 1701
Delta R.T. -0.00 min
Lab File: VW013999.D
Acq: 13 Nov 2019 11:55

Tgt Ion	Ratio	Resp	Lower	Upper
43	100	60249		
70	44.6	36.6	55.0	
55	27.0	20.3	30.5	
61	24.8	20.4	30.6	





#75

1,1,2,2-Tetrachloroethane

Concen: 24.482 ug/l

RT: 12.71 min Scan# 1773

Delta R.T. -0.00 min

Lab File: VW013999.D

Acq: 13 Nov 2019 11:55

Instrument :

MSVOA_W

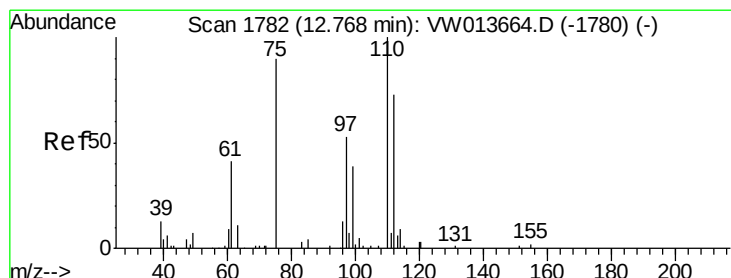
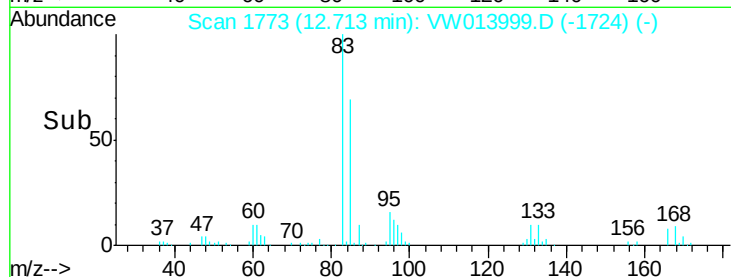
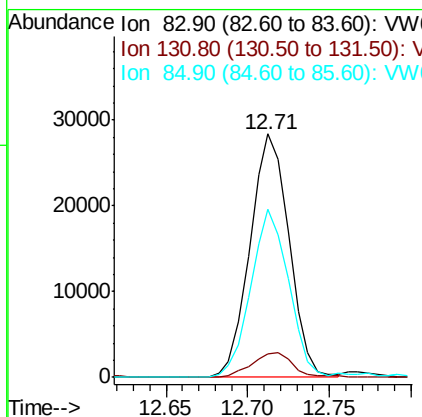
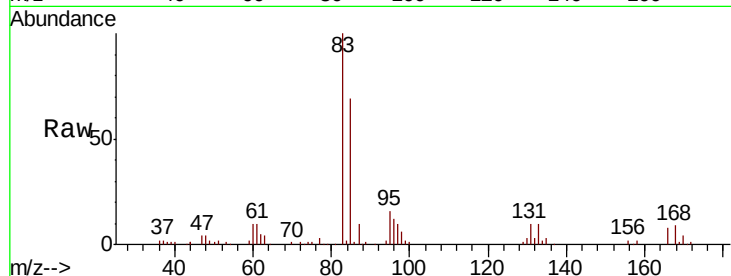
ClientSampleId :

VW1113SBS02

Tot Ion:	83	Resp:	47452
Ion	Ratio	Lower	Upper
83	100		
131	10.8	5.7	17.1
85	67.1	32.5	97.4

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#76

1,2,3-Trichloropropane

Concen: 25.814 ug/l m

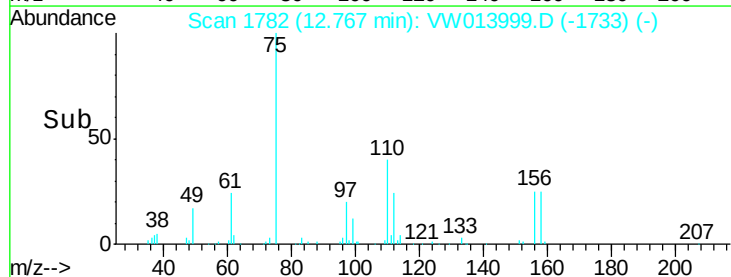
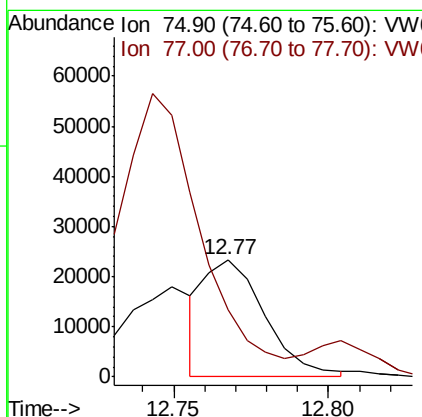
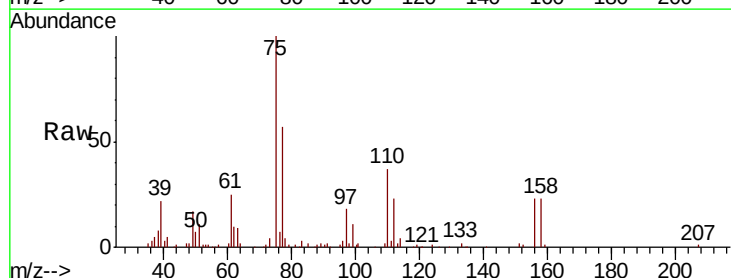
RT: 12.77 min Scan# 1782

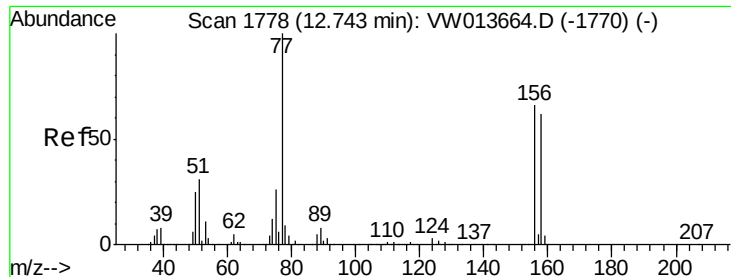
Delta R.T. -0.00 min

Lab File: VW013999.D

Acq: 13 Nov 2019 11:55

Tgt Ion:	75	Resp:	31707
Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 20.429 ug/l

RT: 12.74 min Scan# 1778

Delta R.T. -0.00 min

Lab File: VW013999.D

Acq: 13 Nov 2019 11:55

Instrument :

MSVOA_W

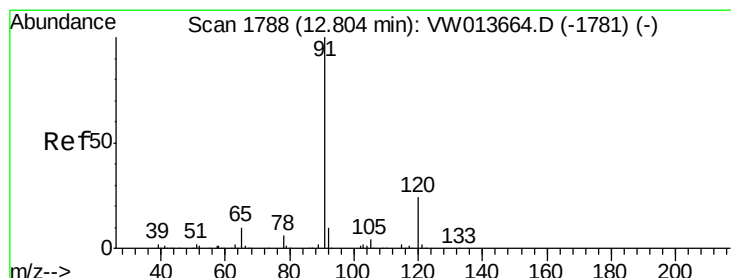
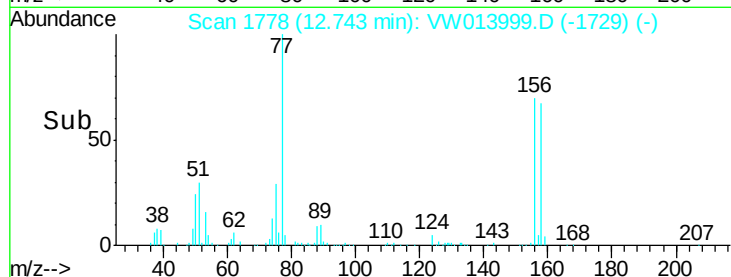
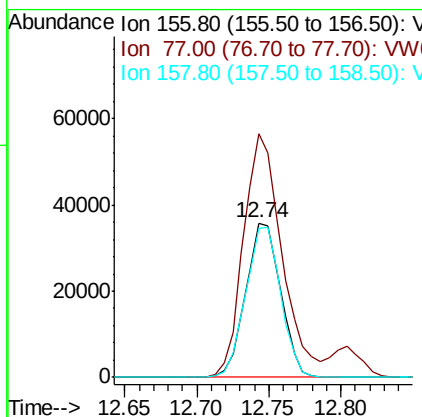
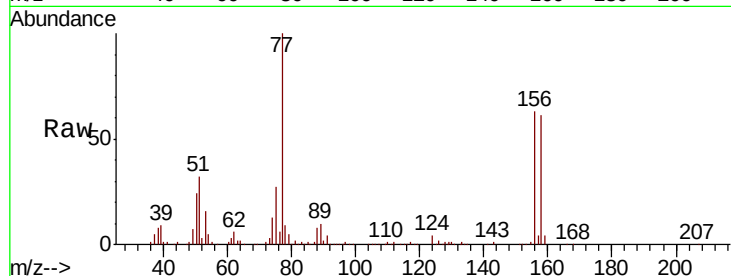
ClientSampleId :

VW1113SBS02

Tot Ion	Ratio	Lower	Upper
156	100		
77	173.7	82.9	248.7
158	97.4	48.4	145.2

Manual Integrations
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#78

n-propylbenzene

Concen: 20.431 ug/l

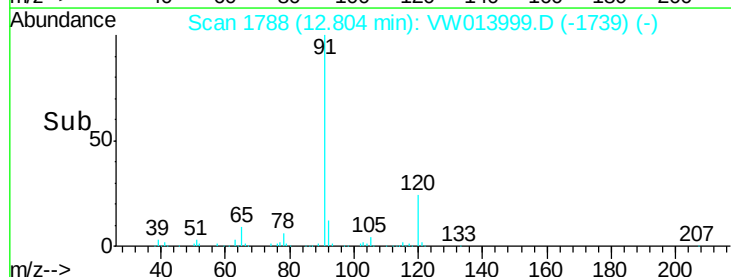
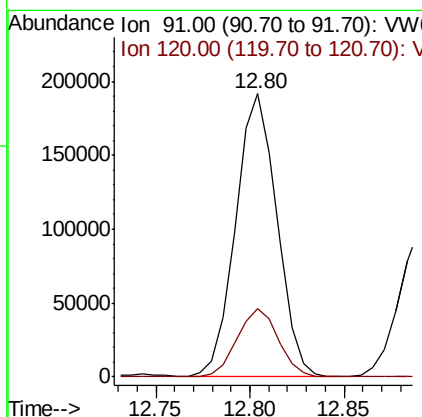
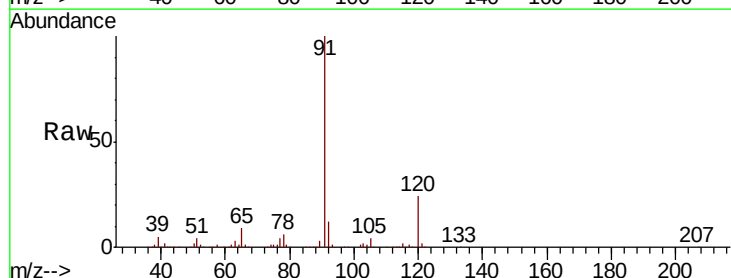
RT: 12.80 min Scan# 1788

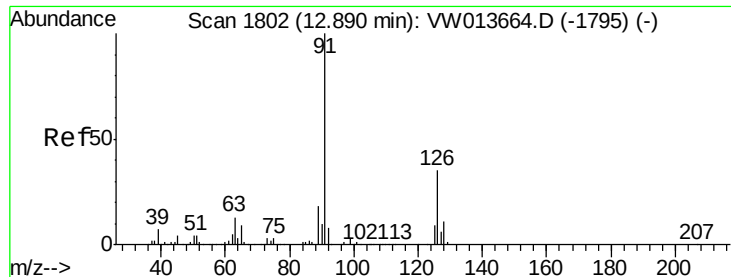
Delta R.T. -0.00 min

Lab File: VW013999.D

Acq: 13 Nov 2019 11:55

Tgt Ion	Ratio	Lower	Upper
91	100		
120	24.2	12.0	36.0





#79

2-Chlorotoluene

Concen: 20.177 ug/l

RT: 12.89 min Scan# 1802

Delta R.T. -0.00 min

Lab File: VW013999.D

Acq: 13 Nov 2019 11:55

Instrument :

MSVOA_W

ClientSampleId :

VW1113SBS02

Tot Ion: 91 Resp: 161199

Ion Ratio Lower Upper

91 100

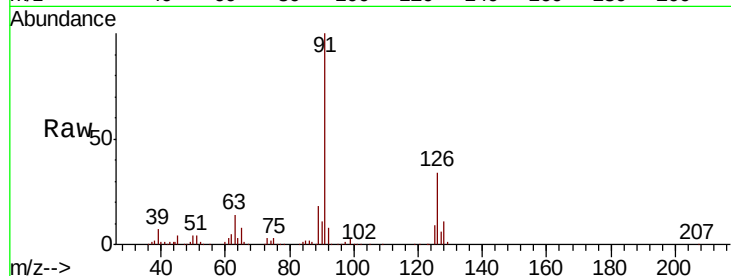
126 35.0 17.4 52.2

Manual Integrations

APPROVED

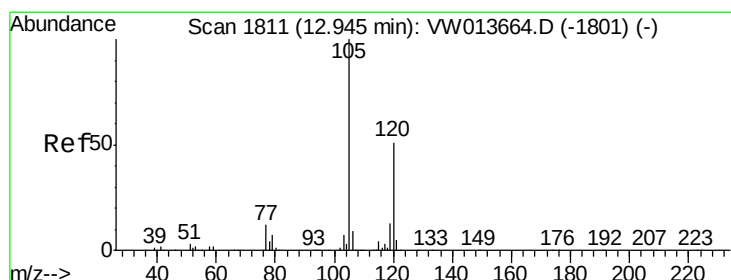
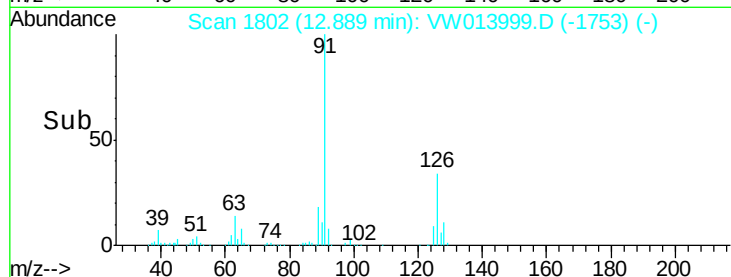
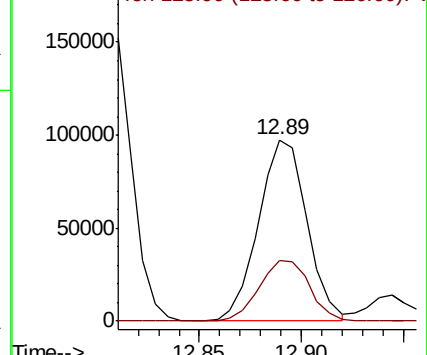
MMDadoda

11/15/2019 10:50:07 AM



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 20.374 ug/l

RT: 12.94 min Scan# 1811

Delta R.T. -0.00 min

Lab File: VW013999.D

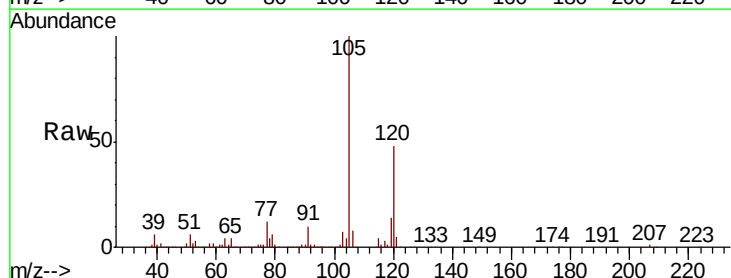
Acq: 13 Nov 2019 11:55

Tgt Ion:105 Resp: 211245

Ion Ratio Lower Upper

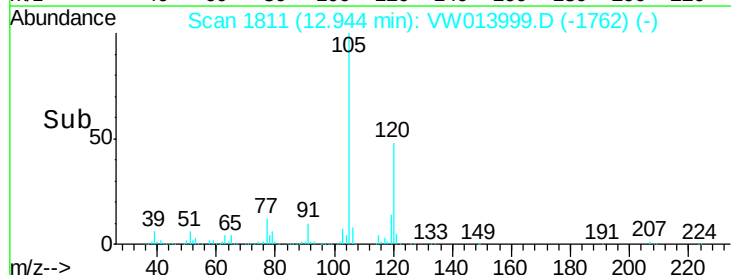
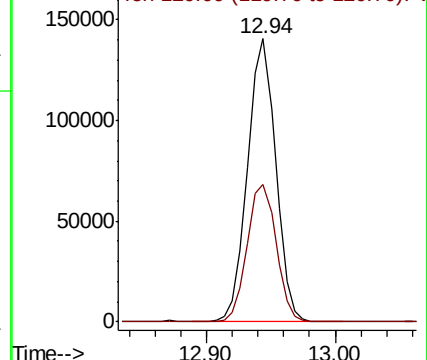
105 100

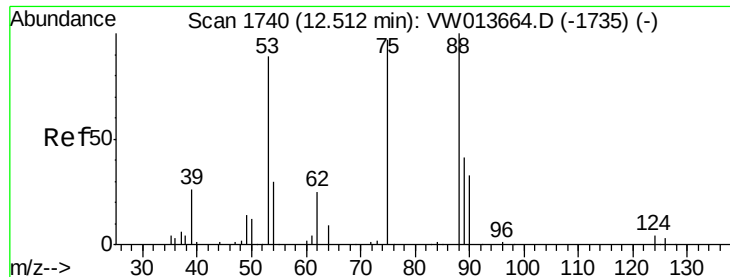
120 50.4 25.1 75.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





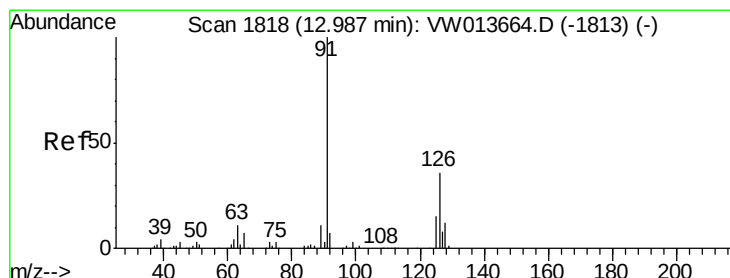
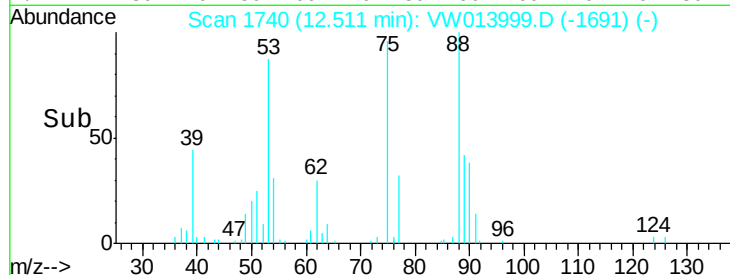
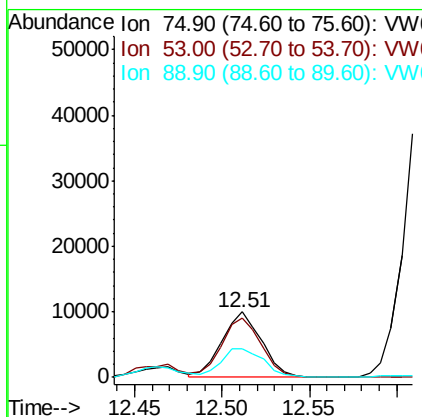
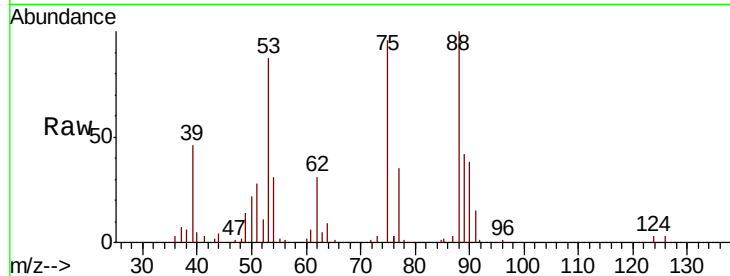
#81
trans-1,4-Dichloro-2-butene
Concen: 24.171 ug/l
RT: 12.51 min Scan# 1740
Delta R.T. -0.00 min
Lab File: VW013999.D
Acq: 13 Nov 2019 11:55

Instrument :
MSVOA_W
ClientSampleId :
VW1113SBS02

Tot Ion	Ratio	Lower	Upper
75	100		
53	90.3	71.7	107.5
89	46.4	35.8	53.8

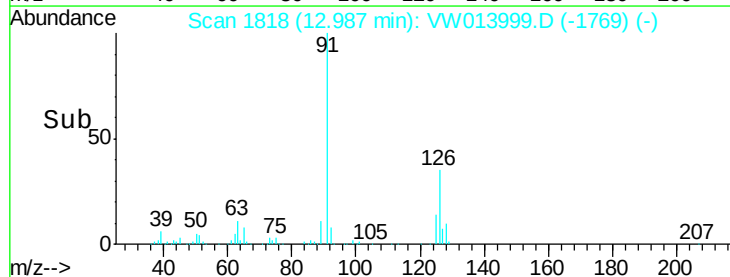
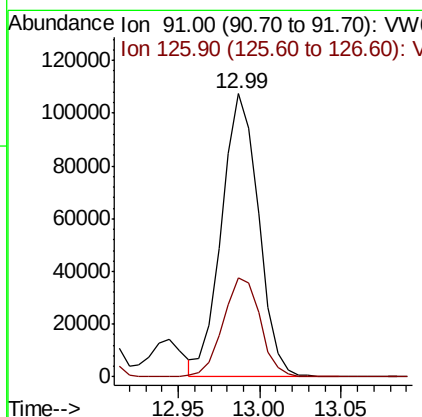
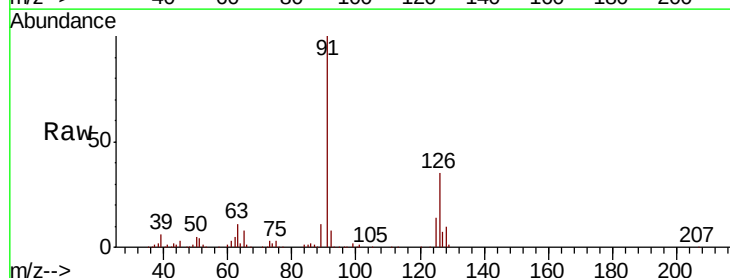
Manual Integrations
APPROVED

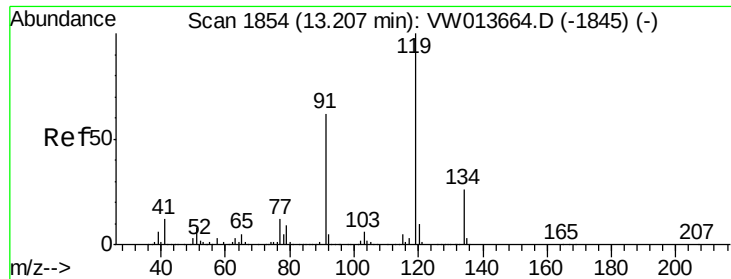
MMDadoda
11/15/2019 10:50:07 AM



#82
4-Chlorotoluene
Concen: 20.132 ug/l
RT: 12.99 min Scan# 1818
Delta R.T. -0.00 min
Lab File: VW013999.D
Acq: 13 Nov 2019 11:55

Tgt Ion	Ratio	Lower	Upper
91	100		
126	35.4	17.2	51.5





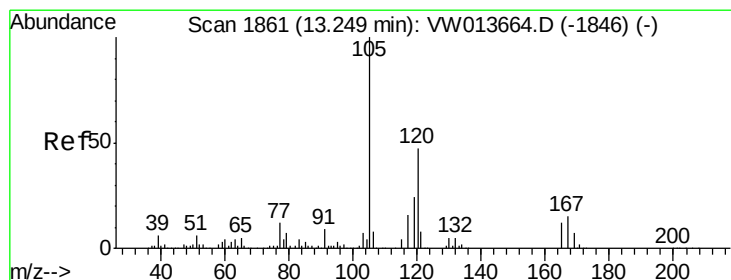
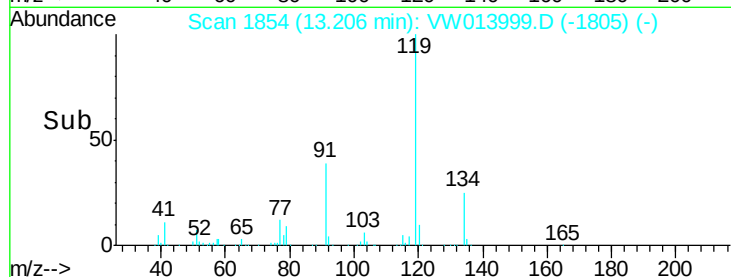
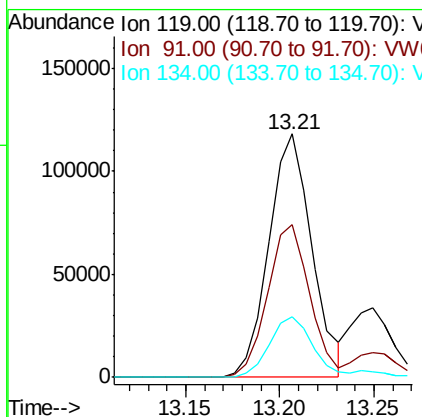
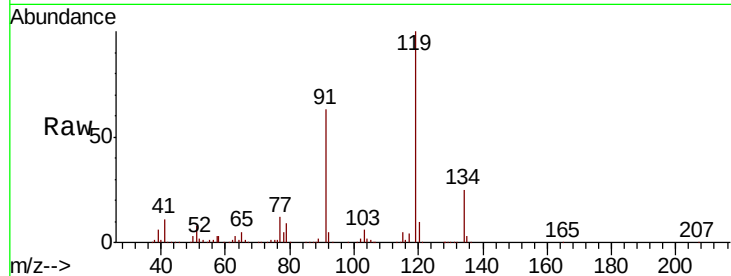
#83
tert-Butylbenzene
Concen: 20.402 ug/l
RT: 13.21 min Scan# 1854
Delta R.T. -0.00 min
Lab File: VW013999.D
Acq: 13 Nov 2019 11:55

Instrument :
MSVOA_W
ClientSampleId :
VW1113SBS02

Tot Ion	Ratio	Lower	Upper
119	100		
91	61.4	30.4	91.3
134	25.0	13.6	40.8

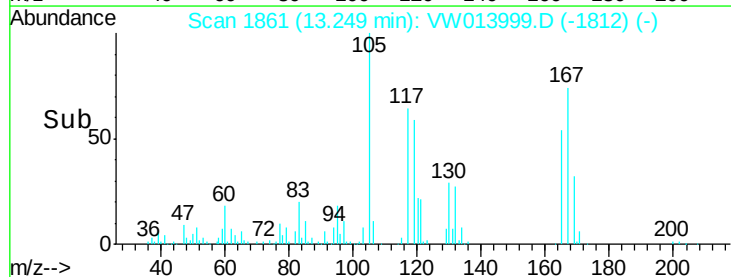
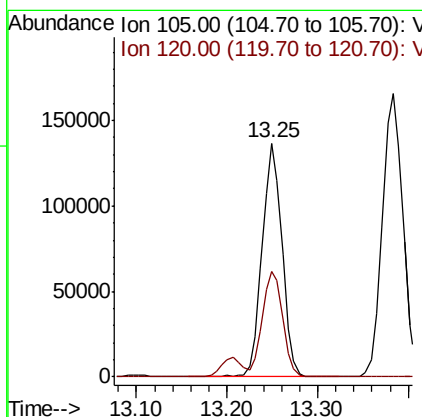
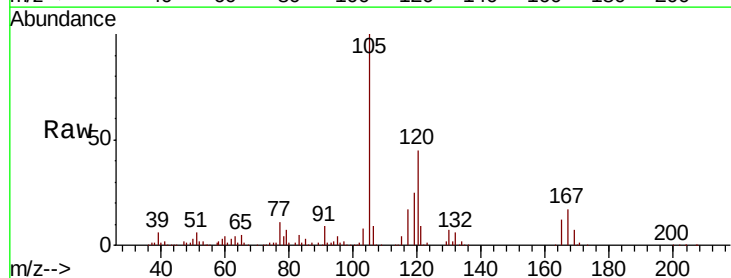
Manual Integrations
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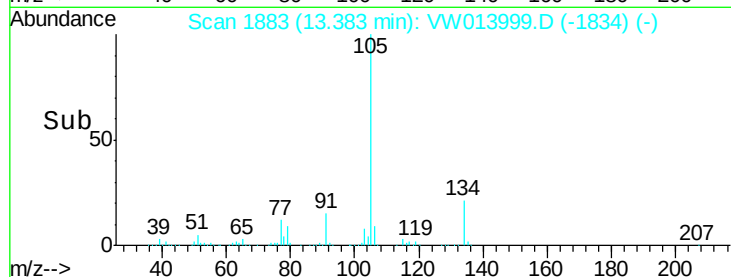
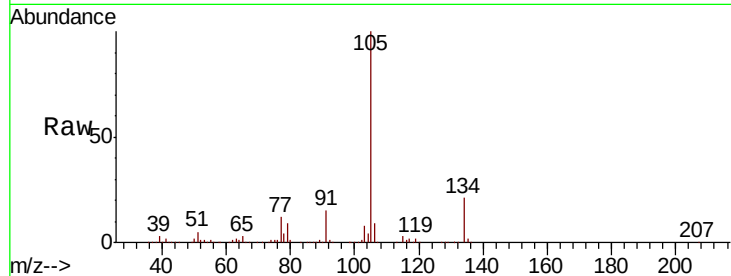
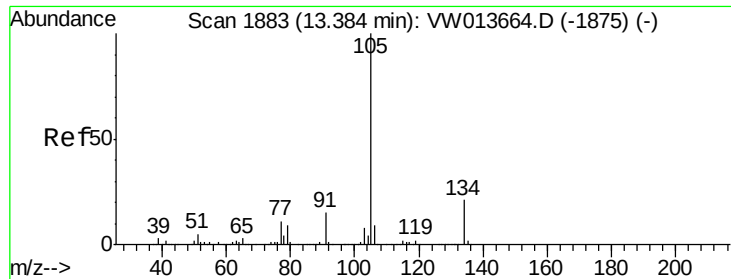
MMDadoda
11/15/2019 10:50:07 AM



#84
1,2,4-Trimethylbenzene
Concen: 20.369 ug/l
RT: 13.25 min Scan# 1861
Delta R.T. -0.00 min
Lab File: VW013999.D
Acq: 13 Nov 2019 11:55

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.6	23.5	70.5





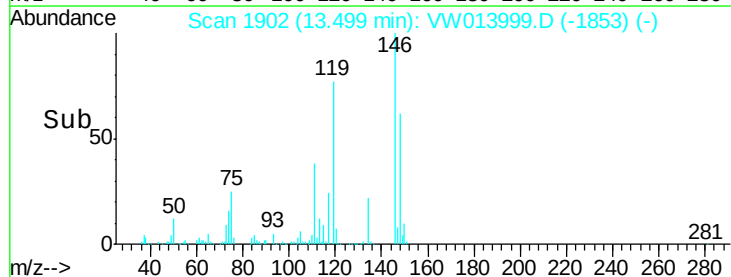
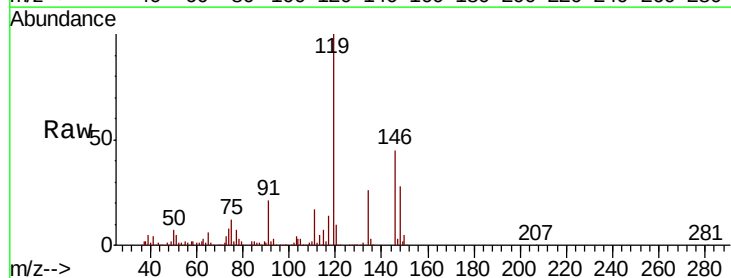
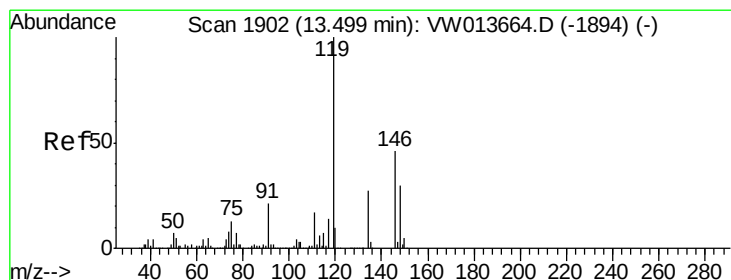
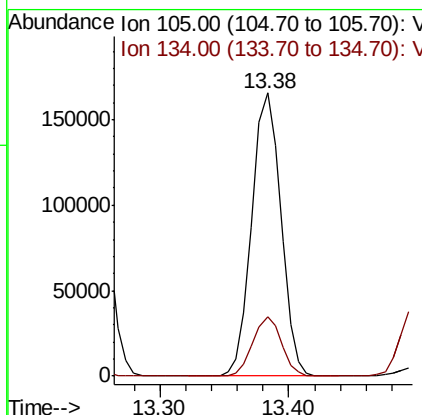
#85
 sec-Butylbenzene
 Concen: 20.552 ug/l
 RT: 13.38 min Scan# 1883
 Delta R.T. -0.00 min
 Lab File: VW013999.D
 Acq: 13 Nov 2019 11:55

Tot Ion	Ratio	Resp	Lower	Upper
105	100	258652		
134	20.7	10.5	31.5	

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1113SBS02

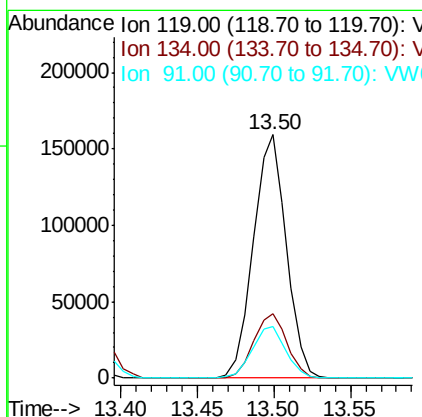
Manual Integrations
 APPROVED

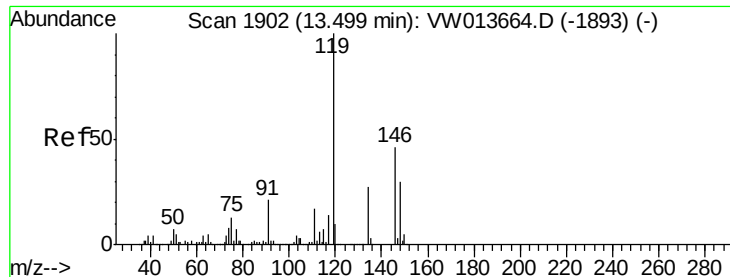
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 11/15/2019 10:50:07 AM



#86
 p-Isopropyltoluene
 Concen: 20.237 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. -0.00 min
 Lab File: VW013999.D
 Acq: 13 Nov 2019 11:55

Tgt Ion	Ratio	Resp	Lower	Upper
119	100	237246		
134	26.8	13.4	40.1	
91	21.7	10.8	32.3	





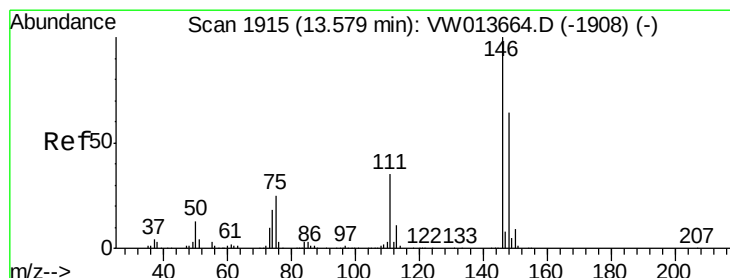
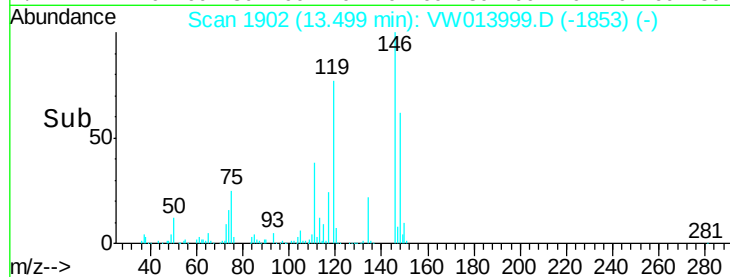
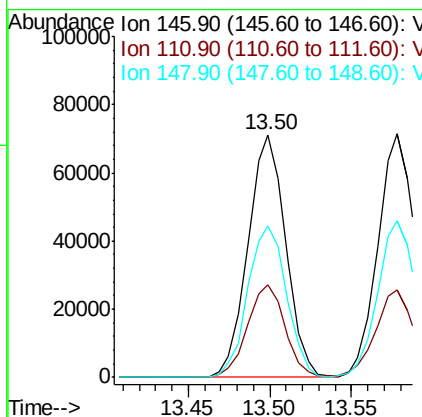
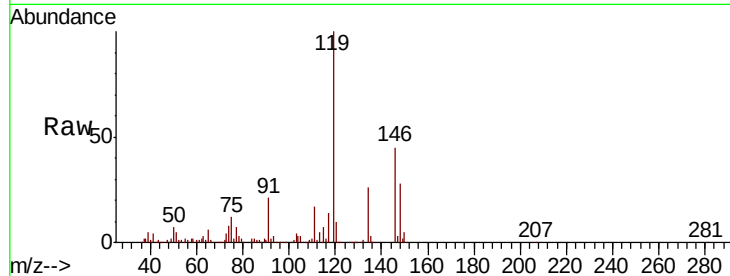
#87
1,3-Dichlorobenzene
Concen: 20.115 ug/l
RT: 13.50 min Scan# 1902
Delta R.T. -0.00 min
Lab File: VW013999.D
Acq: 13 Nov 2019 11:55

Instrument :
MSVOA_W
ClientSampleId :
VW1113SBS02

Tot Ion	Ratio	Resp	Lower	Upper
146	100	114351		
111	38.0	18.6	56.0	
148	64.4	31.7	95.1	

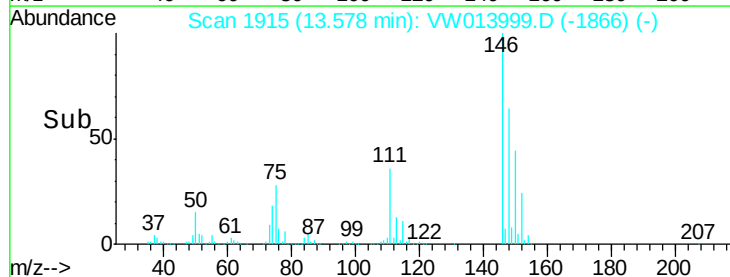
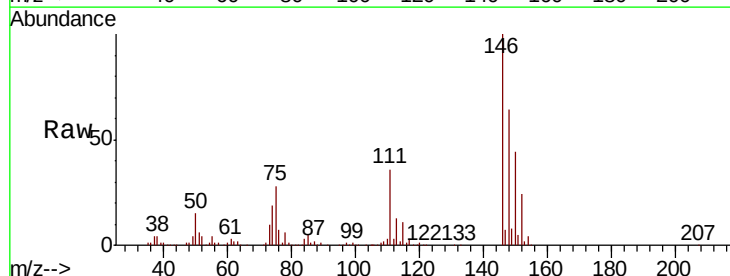
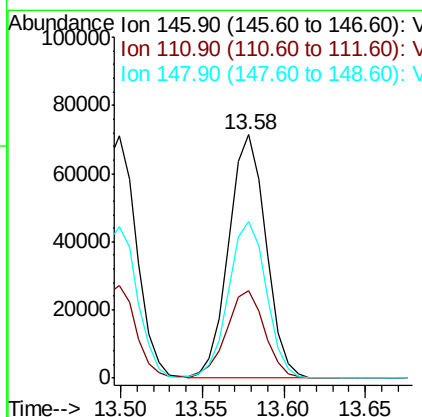
Manual Integrations
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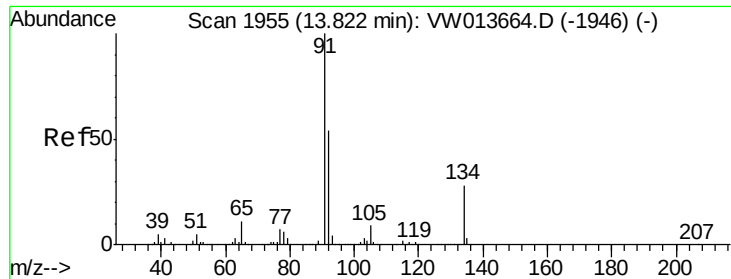
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#88
1,4-Dichlorobenzene
Concen: 20.159 ug/l
RT: 13.58 min Scan# 1915
Delta R.T. -0.00 min
Lab File: VW013999.D
Acq: 13 Nov 2019 11:55

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	113855		
111	37.2	18.1	54.3	
148	65.3	32.0	96.2	





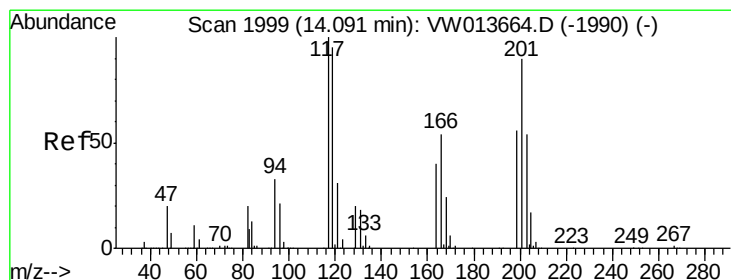
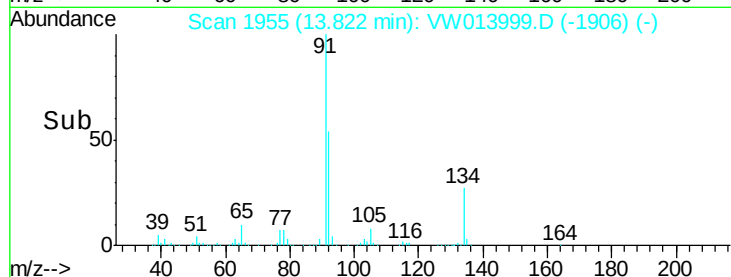
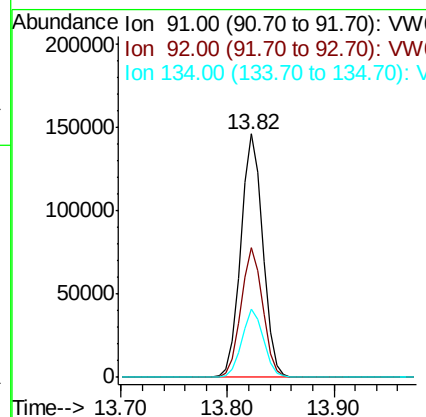
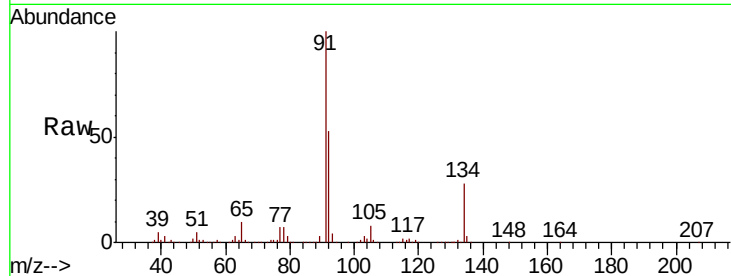
#89
n-Butylbenzene
Concen: 20.090 ug/l
RT: 13.82 min Scan# 1955
Delta R.T. -0.00 min
Lab File: VW013999.D
Acq: 13 Nov 2019 11:55

Instrument :
MSVOA_W
ClientSampleId :
VW1113SBS02

Tot Ion	Ratio	Resp	Lower	Upper
91	100	212597		
92	52.8		27.5	82.4
134	27.9		14.0	41.9

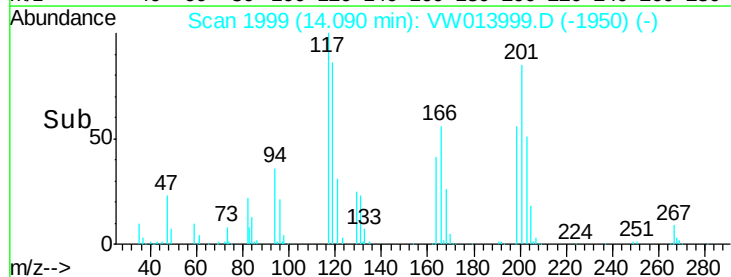
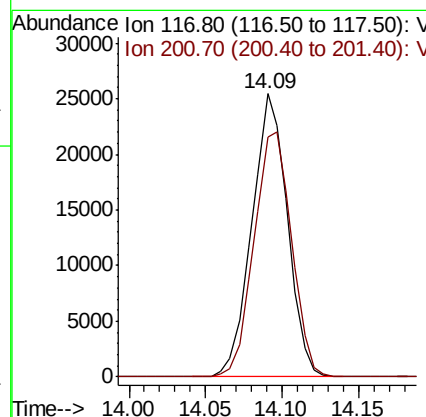
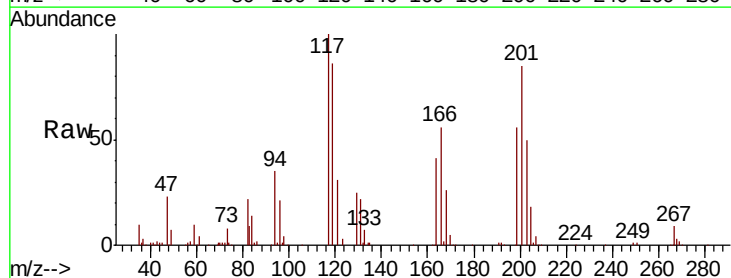
Manual Integrations
APPROVED

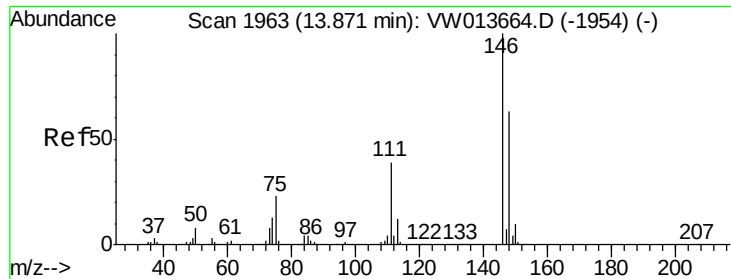
MMDadoda
11/15/2019 10:50:07 AM



#90
Hexachloroethane
Concen: 20.152 ug/l
RT: 14.09 min Scan# 1999
Delta R.T. -0.00 min
Lab File: VW013999.D
Acq: 13 Nov 2019 11:55

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	41065		
201	91.5		46.1	138.2





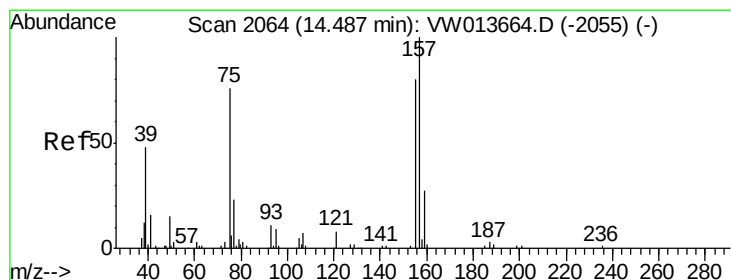
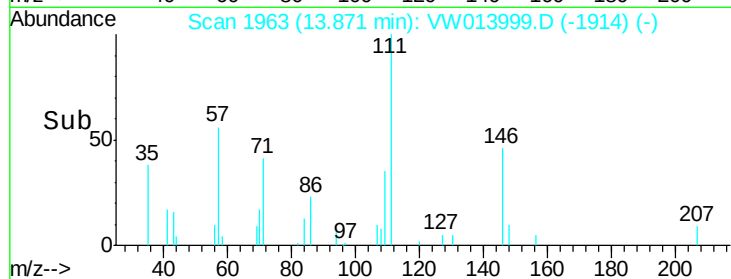
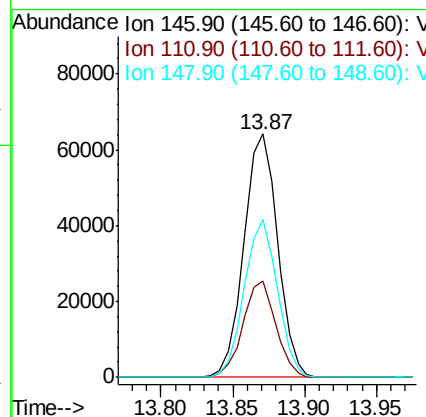
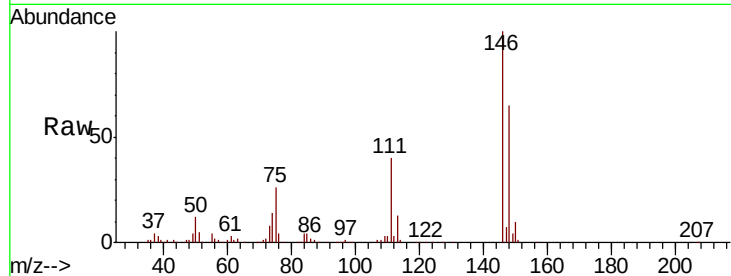
#91
 1,2-Dichlorobenzene
 Concen: 21.118 ug/l
 RT: 13.87 min Scan# 1963
 Delta R.T. -0.00 min
 Lab File: VW013999.D
 Acq: 13 Nov 2019 11:55

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1113SBS02

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.9	19.9	59.6
148	63.8	31.9	95.9

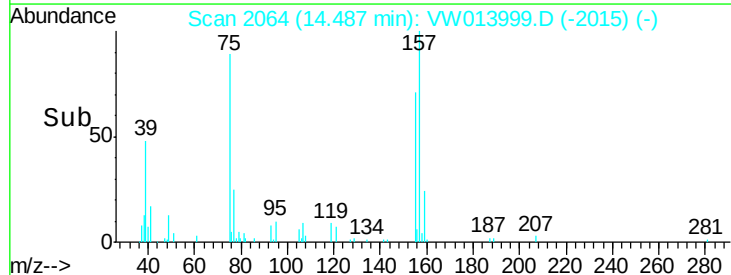
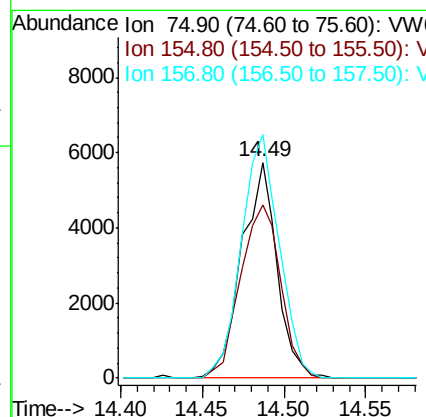
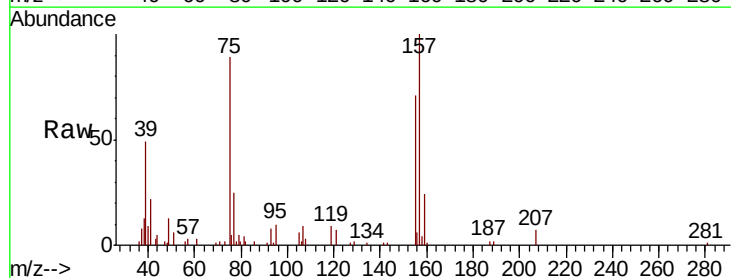
Manual Integrations
 APPROVED

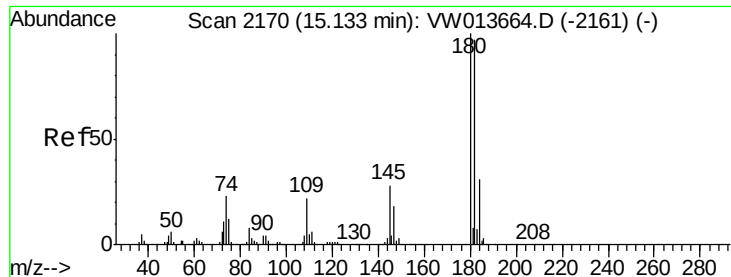
MMDadoda
 11/15/2019 10:50:07 AM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 29.608 ug/l
 RT: 14.49 min Scan# 2064
 Delta R.T. -0.00 min
 Lab File: VW013999.D
 Acq: 13 Nov 2019 11:55

Tgt Ion	Ratio	Lower	Upper
75	100		
155	91.3	51.9	155.7
157	121.1	64.8	194.3





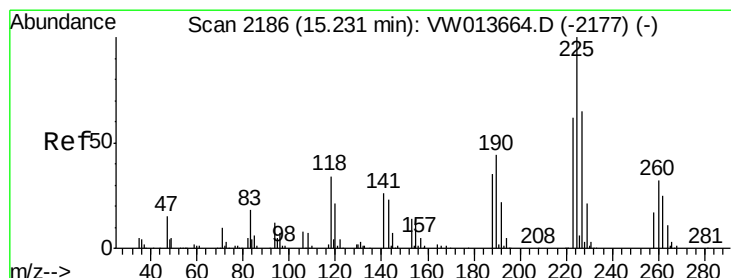
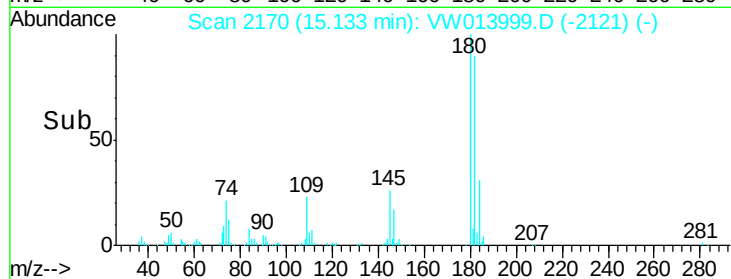
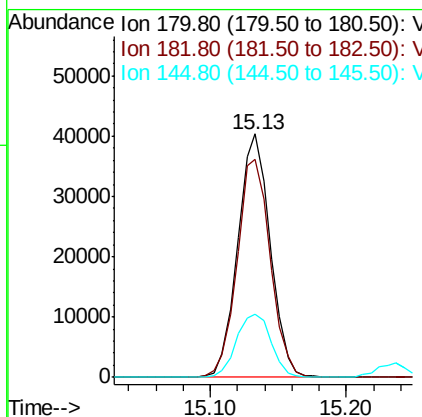
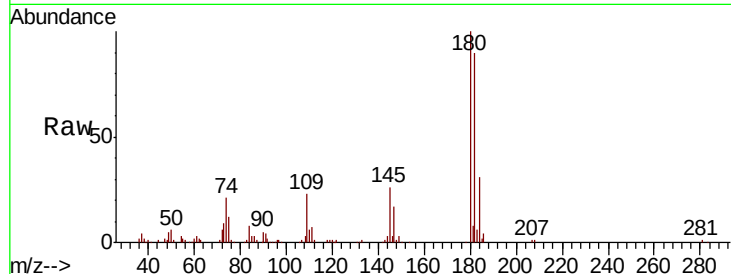
#93
 1,2,4-Trichlorobenzene
 Concen: 18.662 ug/l
 RT: 15.13 min Scan# 2170
 Delta R.T. -0.00 min
 Lab File: VW013999.D
 Acq: 13 Nov 2019 11:55

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1113SBS02

Tot Ion	Ratio	Lower	Upper
180	100		
182	91.8	47.4	142.2
145	28.0	14.1	42.3

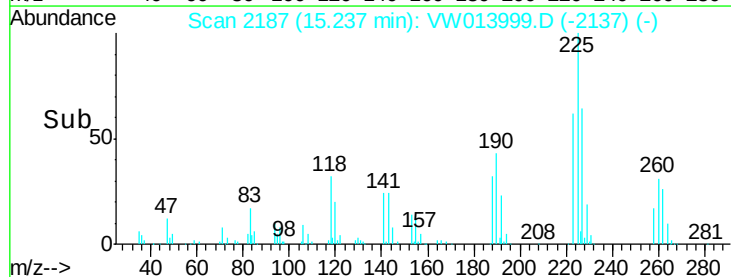
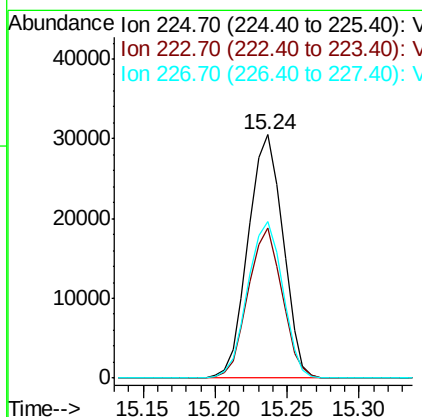
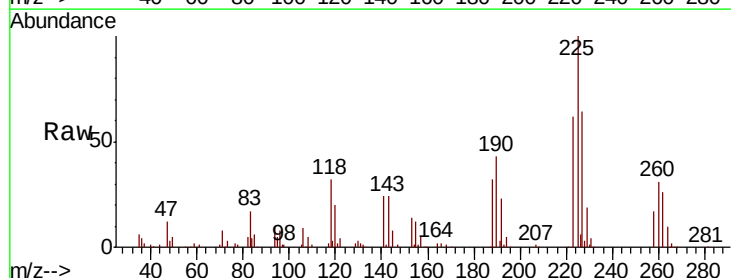
Manual Integrations
 APPROVED

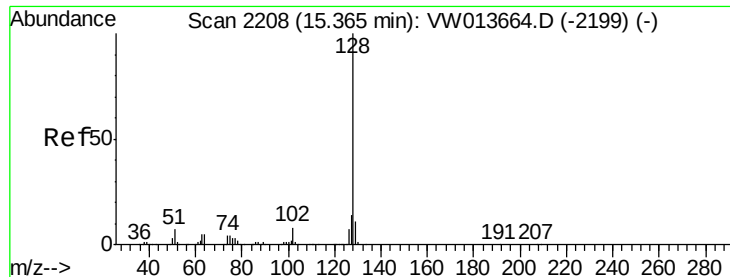
MMDadoda
 11/15/2019 10:50:07 AM



#94
 Hexachlorobutadiene
 Concen: 21.107 ug/l
 RT: 15.24 min Scan# 2187
 Delta R.T. 0.01 min
 Lab File: VW013999.D
 Acq: 13 Nov 2019 11:55

Tgt Ion	Ratio	Lower	Upper
225	100		
223	60.3	31.9	95.9
227	64.6	32.5	97.4





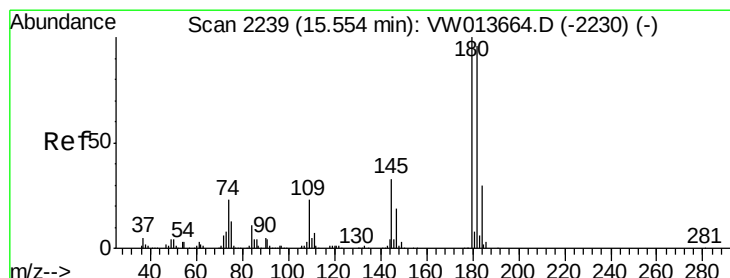
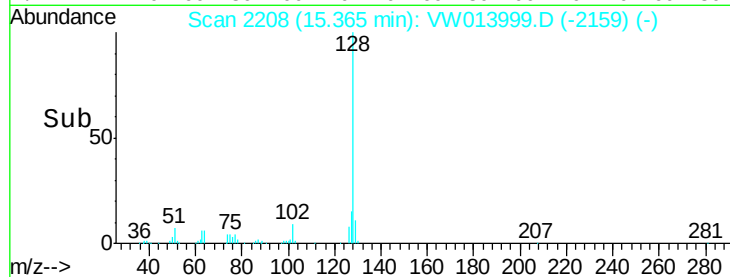
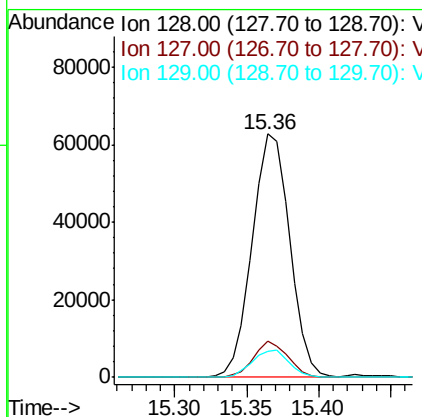
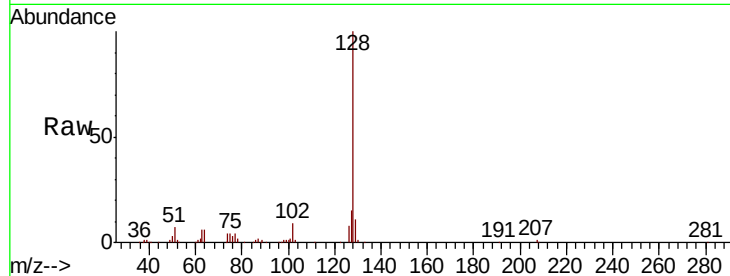
#95
Naphthalene
Concen: 20.162 ug/l
RT: 15.36 min Scan# 2208
Delta R.T. -0.00 min
Lab File: VW013999.D
Acq: 13 Nov 2019 11:55

Instrument :
MSVOA_W
ClientSampleId :
VW1113SBS02

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.5	10.6	15.8
129	11.1	8.7	13.1

Manual Integrations
APPROVED

MMDadoda
11/15/2019 10:50:07 AM



#96
1,2,3-Trichlorobenzene
Concen: 19.227 ug/l
RT: 15.55 min Scan# 2239
Delta R.T. -0.00 min
Lab File: VW013999.D
Acq: 13 Nov 2019 11:55

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.4	47.4	142.3
145	29.8	14.9	44.9

