

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW092519\
 Data File : VW013296.D
 Acq On : 25 Sep 2019 17:11
 Operator : SY/VA
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 9/26/2019 3:33:21 PM

Quant Time: Sep 25 17:46:07 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W092019S.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 20 15:58:08 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	341139	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	493587	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	430491	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	220150	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	138300	49.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.34%	
35) Dibromofluoromethane	7.88	113	138654	51.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.14%	
50) Toluene-d8	10.32	98	570679	50.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.46%	
62) 4-Bromofluorobenzene	12.62	95	198817	51.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.46%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	97561	49.578	ug/l	98
3) Chloromethane	2.21	50	106684	42.175	ug/l	99
4) Vinyl Chloride	2.36	62	146398	44.892	ug/l	99
5) Bromomethane	2.76	94	87035	42.114	ug/l	88
6) Chloroethane	2.90	64	86896	45.205	ug/l	95
7) Trichlorofluoromethane	3.25	101	80500	42.809	ug/l	99
8) Diethyl Ether	3.68	74	78552	48.906	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	4.06	101	139003	45.404	ug/l	99
10) Methyl Iodide	4.26	142	222427	46.861	ug/l	99
11) Tert butyl alcohol	5.18	59	52252	261.159	ug/l	99
12) 1,1-Dichloroethene	4.03	96	145995	46.051	ug/l	97
13) Acrolein	3.89	56	33454	208.731	ug/l	98
14) Allyl chloride	4.66	41	241663	47.897	ug/l	98
15) Acrylonitrile	5.36	53	179125	258.377	ug/l	99
16) Acetone	4.12	43	150085	239.039	ug/l	95
17) Carbon Disulfide	4.38	76	408505	44.581	ug/l	98
18) Methyl Acetate	4.67	43	102443	58.044	ug/l	99
19) Methyl tert-butyl Ether	5.42	73	235738	48.518	ug/l	100
20) Methylene Chloride	4.91	84	157489	48.986	ug/l	96
21) trans-1,2-Dichloroethene	5.42	96	161408	47.106	ug/l	99
22) Diisopropyl ether	6.31	45	466468	48.619	ug/l	98
23) Vinyl Acetate	6.25	43	1371986	241.041	ug/l	99
24) 1,1-Dichloroethane	6.21	63	272176	47.012	ug/l	99
25) 2-Butanone	7.17	43	228383	242.308	ug/l	94
26) 2,2-Dichloropropane	7.16	77	156885	44.953	ug/l	97
27) cis-1,2-Dichloroethene	7.17	96	174115	48.150	ug/l	98
28) Bromochloromethane	7.51	49	117581	52.916	ug/l	# 97
29) Tetrahydrofuran	7.52	42	149158	258.048	ug/l	99
30) Chloroform	7.67	83	264547	46.672	ug/l	97
31) Cyclohexane	7.95	56	265699	44.026	ug/l	98
32) 1,1,1-Trichloroethane	7.87	97	215378	46.915	ug/l	99
36) 1,1-Dichloropropene	8.07	75	222992	46.644	ug/l	99
37) Ethyl Acetate	7.24	43	99985	49.209	ug/l	99
38) Carbon Tetrachloride	8.06	117	200582	46.804	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.33	83	278301	45.298	ug/l	98
40) Benzene	8.32	78	635256	47.639	ug/l	100
41) Methacrylonitrile	7.48	41	63709	52.537	ug/l	96
42) 1,2-Dichloroethane	8.40	62	169475	47.278	ug/l	99
43) Isopropyl Acetate	8.42	43	189316	48.615	ug/l	98
44) Trichloroethene	9.09	130	173583	46.396	ug/l	95
45) 1,2-Dichloropropane	9.37	63	154681	47.512	ug/l	100
46) Dibromomethane	9.46	93	77460	49.007	ug/l	99
47) Bromodichloromethane	9.64	83	192315	47.817	ug/l	97
48) Methyl methacrylate	9.43	41	97298	53.136	ug/l	94
49) 1,4-Dioxane	9.45	88	25072	1056.744	ug/l #	91
51) 4-Methyl-2-Pentanone	10.21	43	488536	250.245	ug/l	99
52) Toluene	10.38	92	404679	47.352	ug/l	100
53) t-1,3-Dichloropropene	10.60	75	200762	48.586	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	242814	48.330	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	114525	48.477	ug/l	98
56) Ethyl methacrylate	10.64	69	158760	51.348	ug/l	98
57) 1,3-Dichloropropane	10.93	76	201932	48.981	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.92	63	381472	266.512	ug/l	99
59) 2-Hexanone	10.97	43	338965	252.370	ug/l	99
60) Dibromochloromethane	11.13	129	132522	49.401	ug/l	99
61) 1,2-Dibromoethane	11.23	107	110004	48.973	ug/l	100
64) Tetrachloroethene	10.86	164	152390	46.655	ug/l	98
65) Chlorobenzene	11.66	112	425422	47.324	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.73	131	148326	48.297	ug/l	100
67) Ethyl Benzene	11.73	91	765341	46.988	ug/l	99
68) m/p-Xylenes	11.84	106	587469	94.650	ug/l	99
69) o-Xylene	12.16	106	270804	46.929	ug/l	100
70) Styrene	12.18	104	481986	48.652	ug/l	99
71) Bromoform	12.35	173	78593	48.440	ug/l #	97
73) Isopropylbenzene	12.46	105	756287	46.504	ug/l	100
74) N-amyl acetate	12.27	43	171936	47.645	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.71	83	130259	47.893	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	102071m	52.500	ug/l	
77) Bromobenzene	12.74	156	180973	46.960	ug/l	99
78) n-propylbenzene	12.80	91	875853	46.010	ug/l	100
79) 2-Chlorotoluene	12.89	91	494271	46.347	ug/l	100
80) 1,3,5-Trimethylbenzene	12.94	105	632146	46.242	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.51	75	43451	50.149	ug/l	96
82) 4-Chlorotoluene	12.99	91	514447	45.744	ug/l	99
83) tert-Butylbenzene	13.21	119	558879	46.578	ug/l	99
84) 1,2,4-Trimethylbenzene	13.25	105	628396	46.194	ug/l	99
85) sec-Butylbenzene	13.38	105	757057	45.764	ug/l	99
86) p-Isopropyltoluene	13.50	119	707135	46.088	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	339383	45.758	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	336932	46.319	ug/l	99
89) n-Butylbenzene	13.82	91	639780	45.666	ug/l	99
90) Hexachloroethane	14.09	117	119117	46.213	ug/l	97
91) 1,2-Dichlorobenzene	13.87	146	302901	47.206	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.49	75	20644	49.624	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	218021	47.417	ug/l	99
94) Hexachlorobutadiene	15.24	225	144349	45.888	ug/l	99
95) Naphthalene	15.36	128	388090	51.607	ug/l	100
96) 1,2,3-Trichlorobenzene	15.55	180	192025	48.333	ug/l	99

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

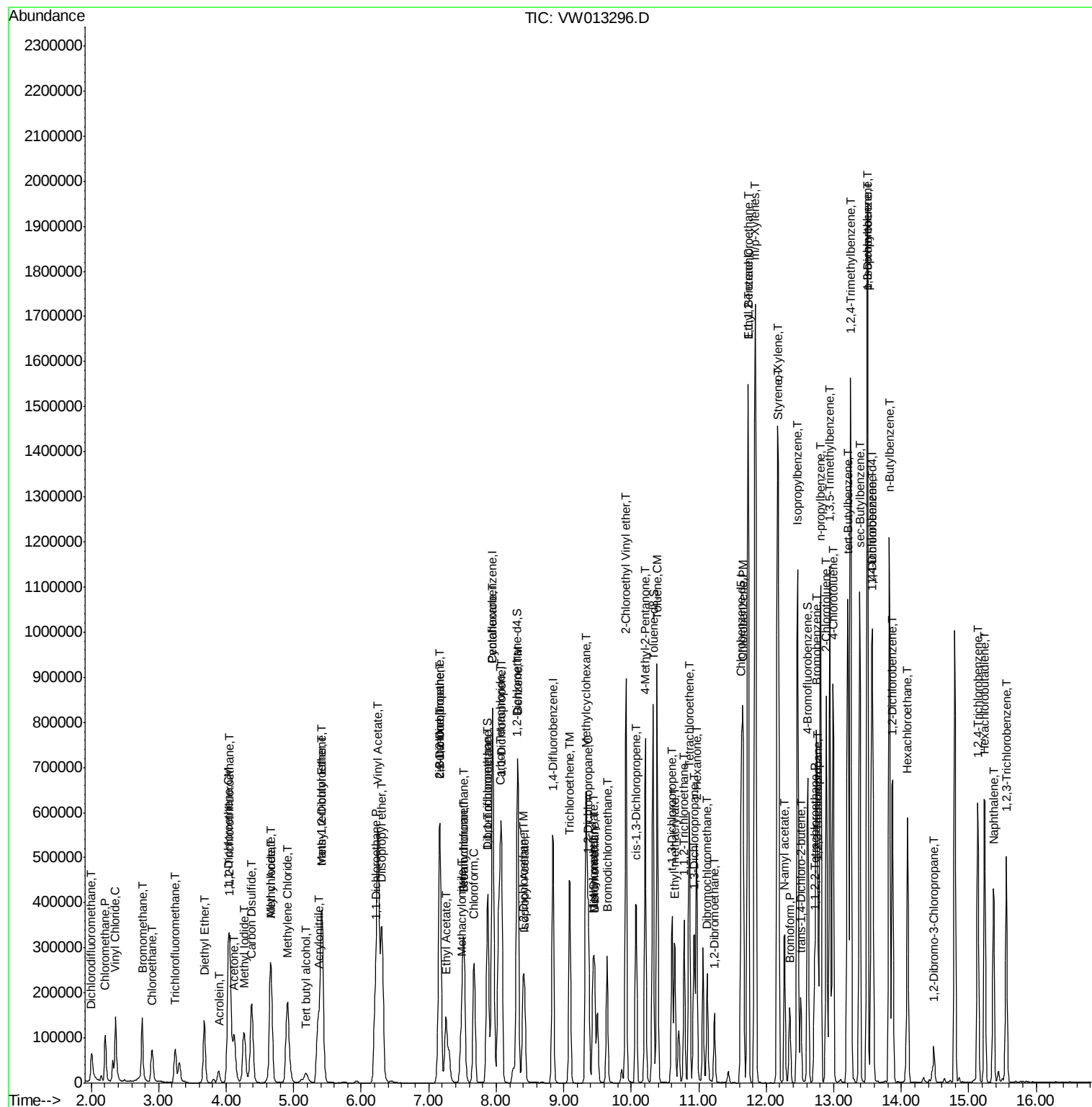
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 Data File : VW013296.D
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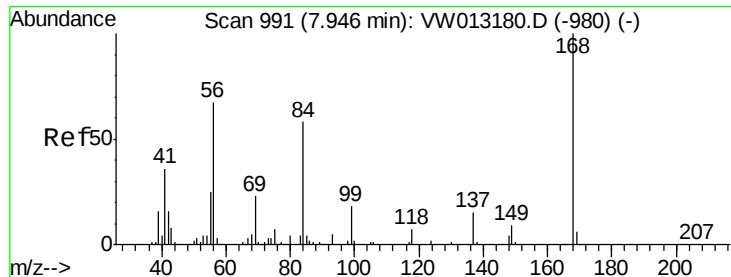
Instrument :
 MSVOA_W
 ClientSampleId :
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.00 min

Lab File: VW013296.D

Acq: 25 Sep 2019 17:11

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tot Ion:168 Resp: 341139

Ion Ratio Lower Upper

168 100

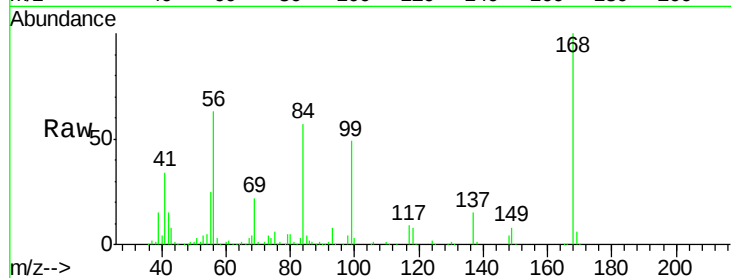
99 49.1 40.2 60.4

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

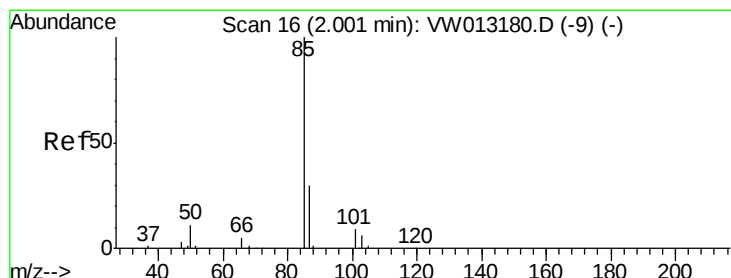
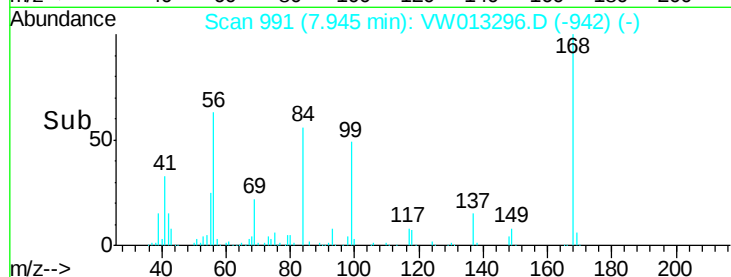
150000

100000

50000

0

Time--> 7.80 7.90 8.00 8.10



#2

Dichlorodifluoromethane

Concen: 49.578 ug/l

RT: 2.01 min Scan# 17

Delta R.T. 0.01 min

Lab File: VW013296.D

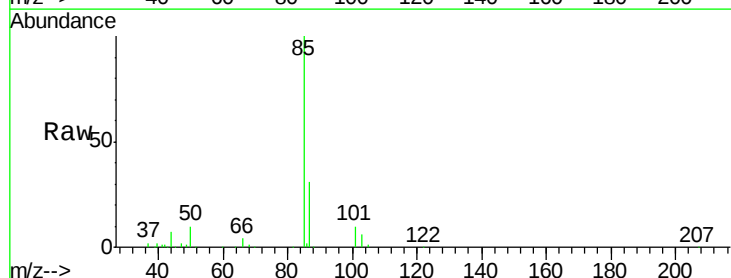
Acq: 25 Sep 2019 17:11

Tgt Ion: 85 Resp: 97561

Ion Ratio Lower Upper

85 100

87 31.2 15.1 45.3



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.01

40000

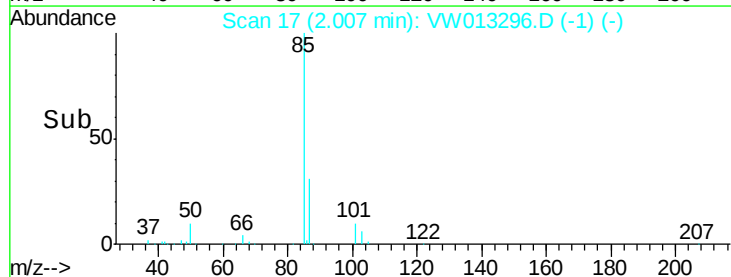
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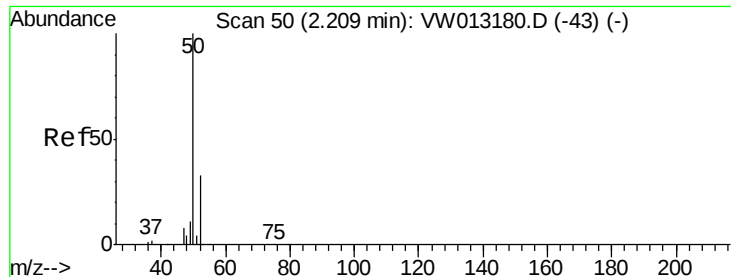
20000

10000

0

Time--> 1.90 2.00 2.10 2.20





#3

Chloromethane

Concen: 42.175 ug/l

RT: 2.21 min Scan# 50

Delta R.T. -0.00 min

Lab File: VW013296.D

Acq: 25 Sep 2019 17:11

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tot Ion: 50 Resp: 106684

Ion Ratio Lower Upper

50 100

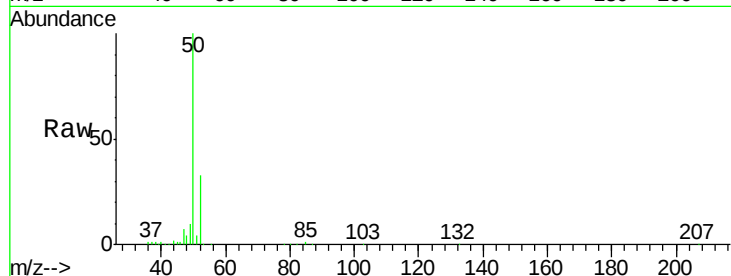
52 33.0 26.1 39.1

Manual Integrations

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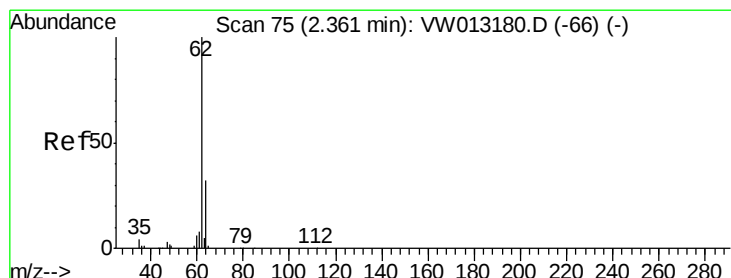
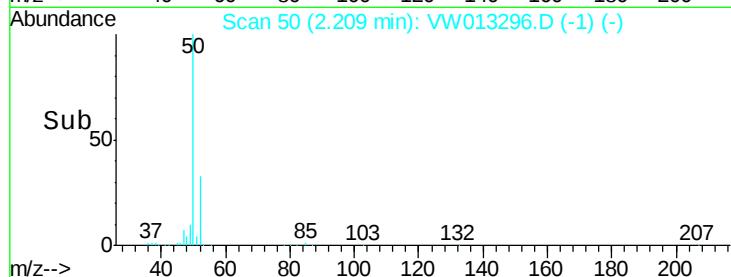
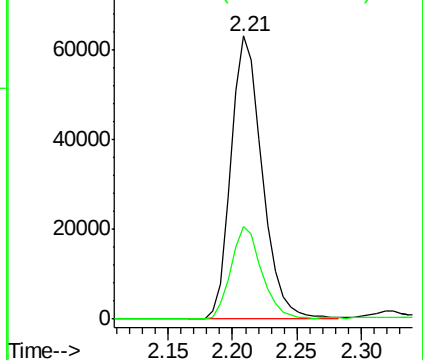
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Abundance Ion 49.90 (49.60 to 50.60): VW

Ion 51.90 (51.60 to 52.60): VW



#4

Vinyl Chloride

Concen: 44.892 ug/l

RT: 2.36 min Scan# 75

Delta R.T. -0.00 min

Lab File: VW013296.D

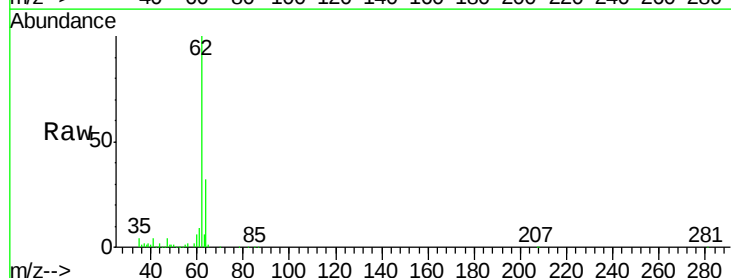
Acq: 25 Sep 2019 17:11

Tgt Ion: 62 Resp: 146398

Ion Ratio Lower Upper

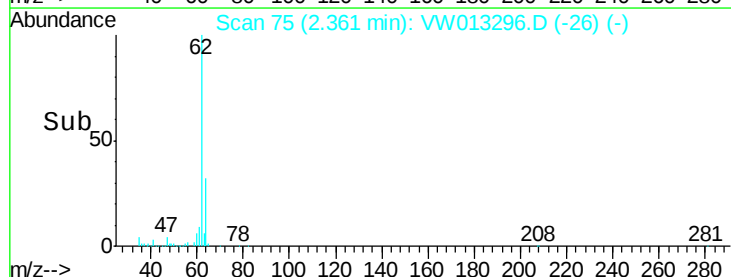
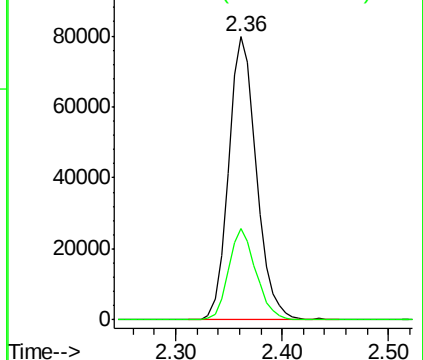
62 100

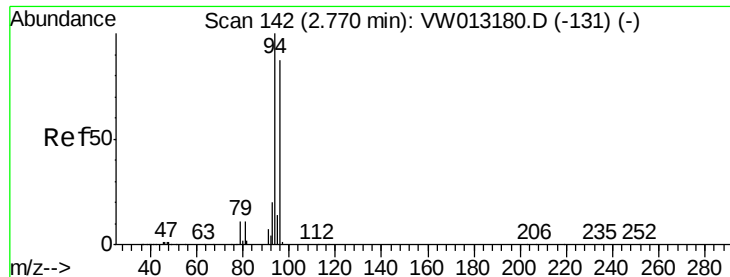
64 32.3 25.3 37.9



Abundance Ion 61.90 (61.60 to 62.60): VW

Ion 63.90 (63.60 to 64.60): VW





#5

Bromomethane

Concen: 42.114 ug/l

RT: 2.76 min Scan# 140

Delta R.T. -0.01 min

Lab File: VW013296.D

Acq: 25 Sep 2019 17:11

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MSVOA_W

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VSTDCCC050EC

Tot Ion: 94 Resp: 87035

Ion Ratio Lower Upper

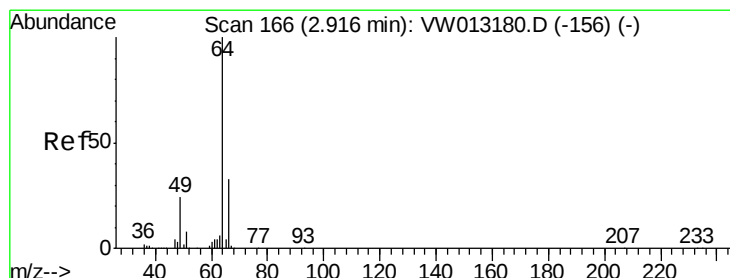
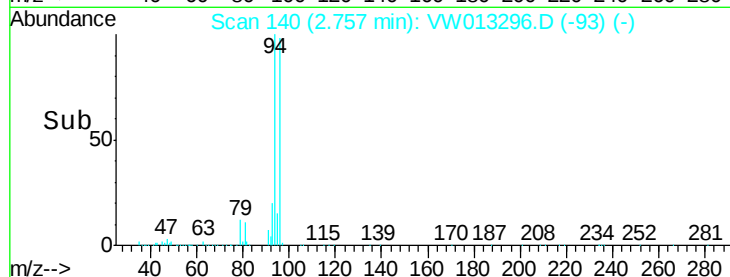
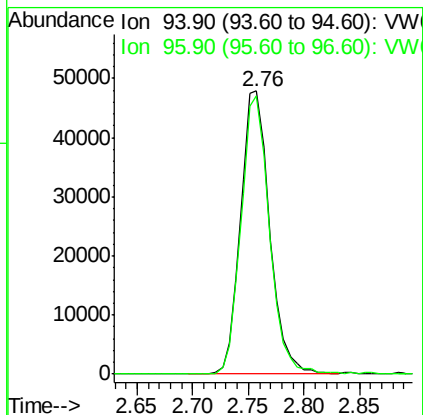
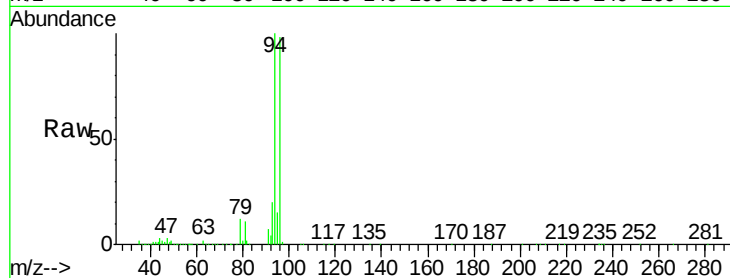
94 100

96 98.3 69.7 104.5

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#6

Chloroethane

Concen: 45.205 ug/l

RT: 2.90 min Scan# 164

Delta R.T. -0.01 min

Lab File: VW013296.D

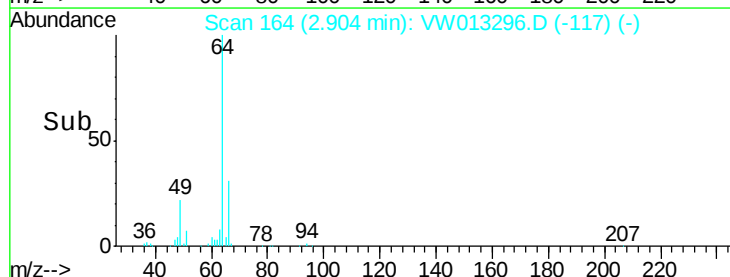
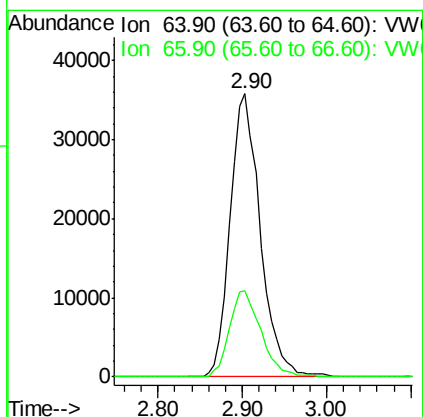
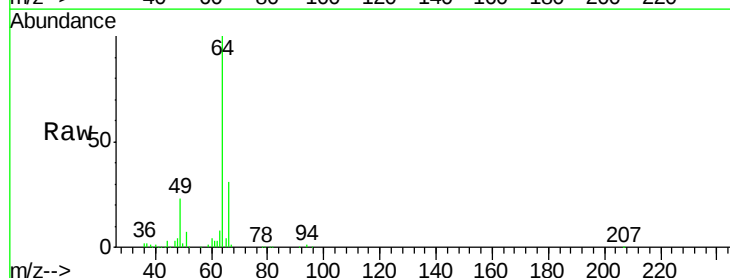
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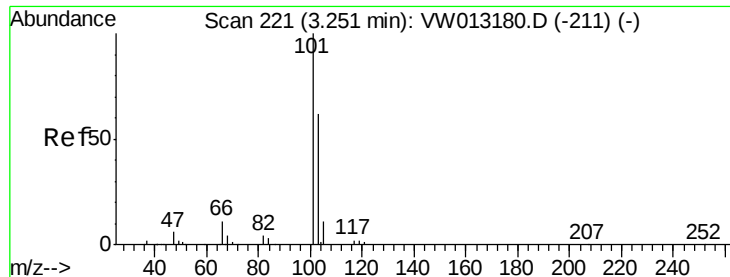
Tgt Ion: 64 Resp: 86896

Ion Ratio Lower Upper

64 100

66 30.5 26.6 39.8





#7

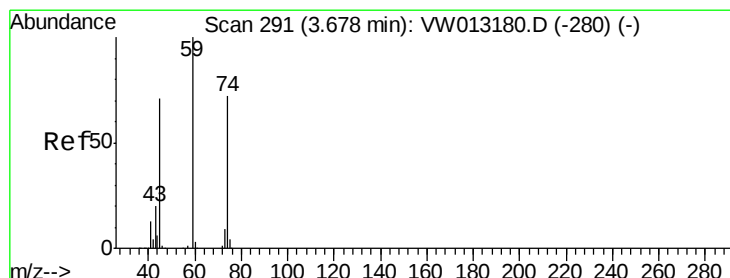
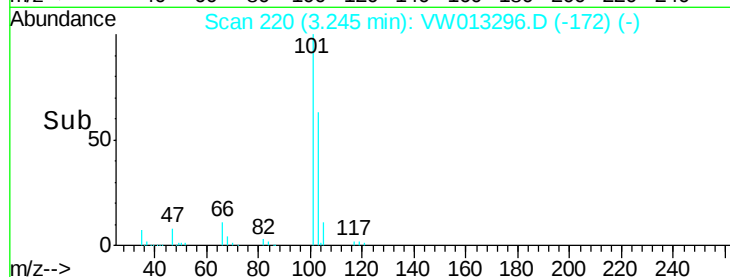
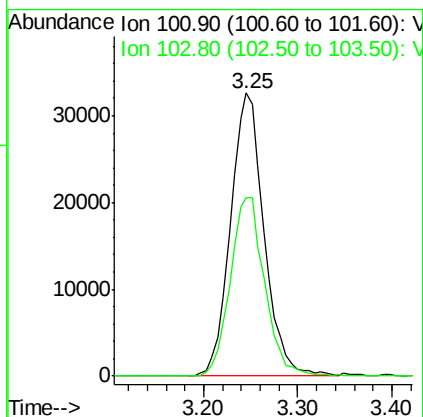
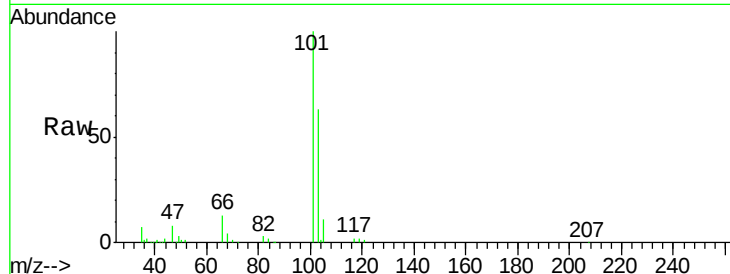
Trichlorofluoromethane
Concen: 42.809 ug/l
RT: 3.25 min Scan# 220
Delta R.T. -0.01 min
Lab File: VW013296.D
Acq: 25 Sep 2019 17:11

Instrument :
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ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
101	100		
103	63.2	49.7	74.5

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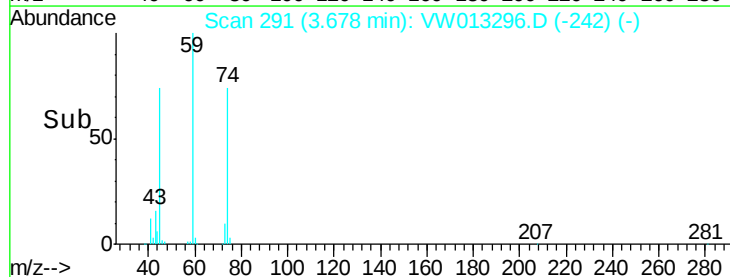
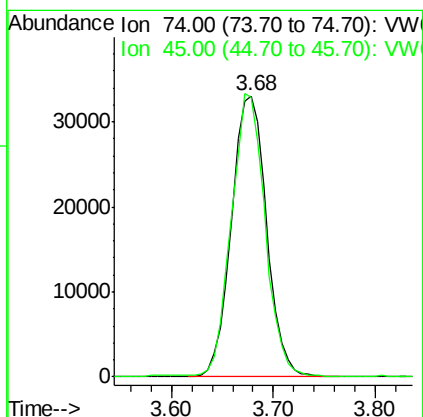
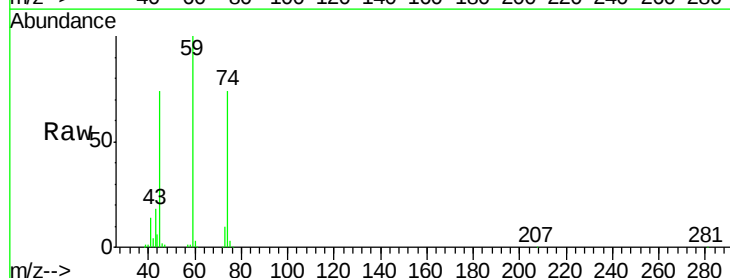
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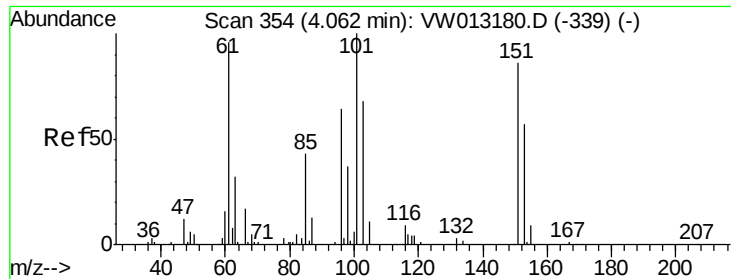


#8

Diethyl Ether
Concen: 48.906 ug/l
RT: 3.68 min Scan# 291
Delta R.T. -0.00 min
Lab File: VW013296.D
Acq: 25 Sep 2019 17:11

Tgt Ion	Ratio	Lower	Upper
74	100		
45	96.7	49.5	148.7





#9

1,1,2-Trichlorotrifluoroethane

Concen: 45.404 ug/l

RT: 4.06 min Scan# 353

Delta R.T. -0.01 min

Lab File: VW013296.D

Acq: 25 Sep 2019 17:11

Instrument :

MSVOA_W

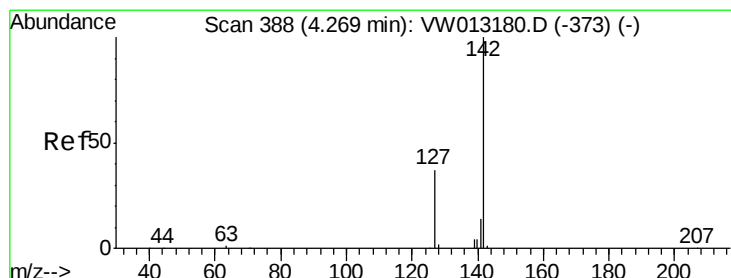
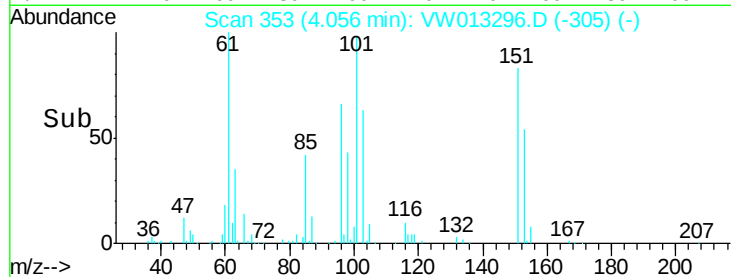
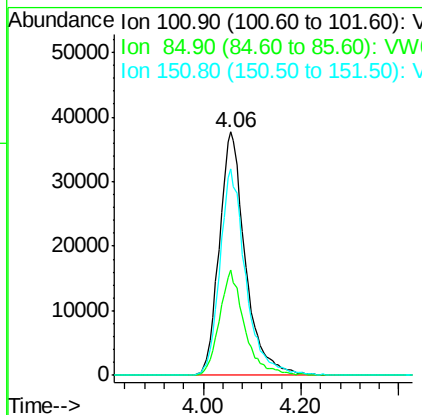
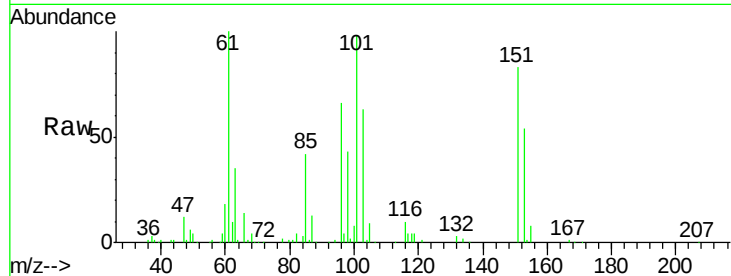
ClientSampleId :

VSTDCCC050EC

Tot Ion:	101	Resp:	139003
Ion Ratio	Lower	Upper	
101	100		
85	41.4	33.4	50.0
151	84.3	66.9	100.3

Manual Integrations
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#10

Methyl Iodide

Concen: 46.861 ug/l

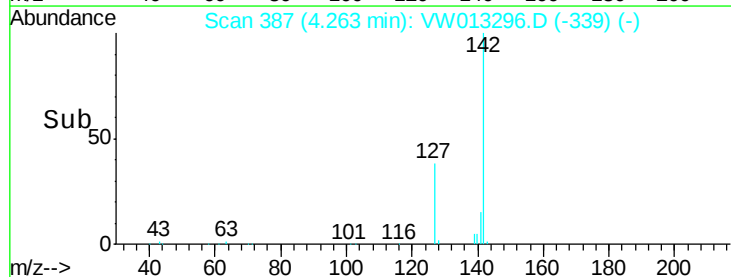
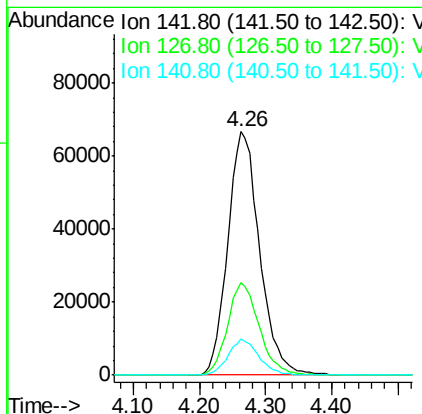
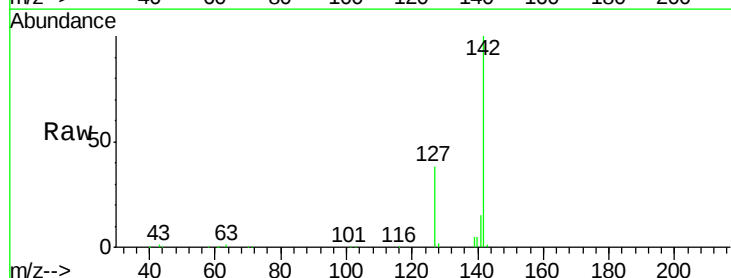
RT: 4.26 min Scan# 387

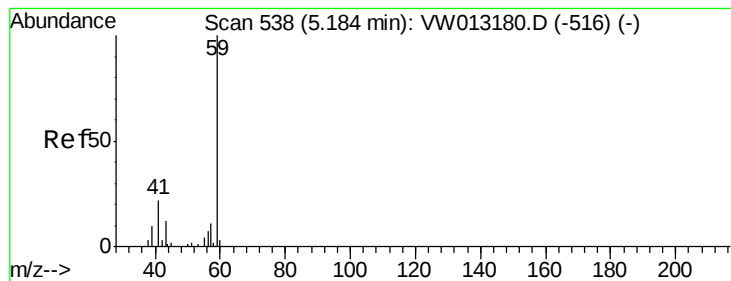
Delta R.T. -0.01 min

Lab File: VW013296.D

Acq: 25 Sep 2019 17:11

Tgt Ion:	142	Resp:	222427
Ion Ratio	Lower	Upper	
142	100		
127	37.8	30.9	46.3
141	14.3	11.7	17.5





#11

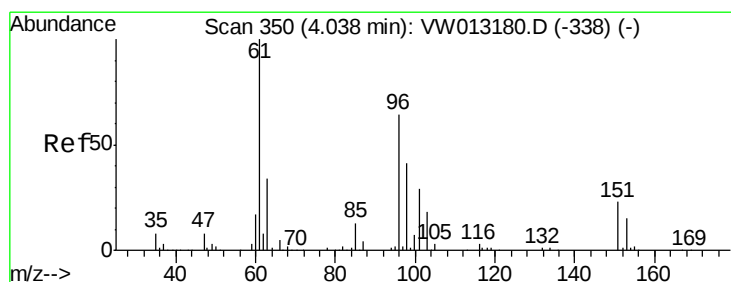
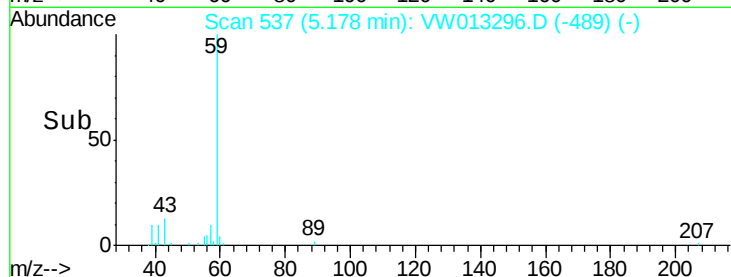
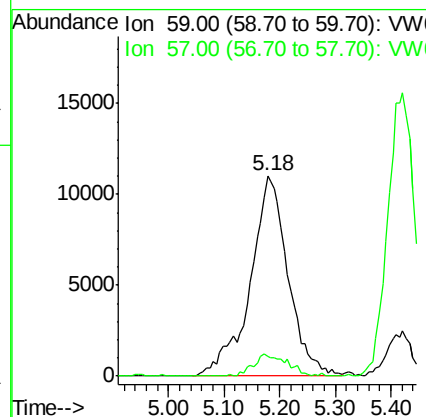
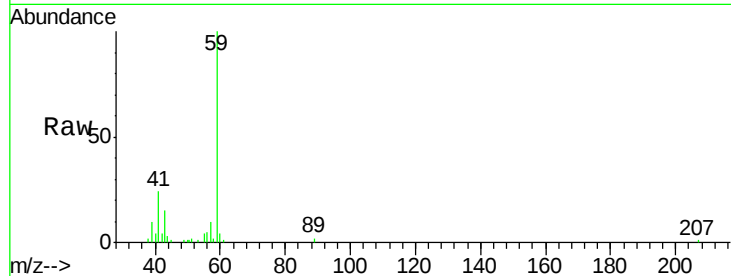
Tert butyl alcohol
Concen: 261.159 ug/l
RT: 5.18 min Scan# 537
Delta R.T. -0.01 min
Lab File: VW013296.D
Acq: 25 Sep 2019 17:11

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
59	100		
57	9.8	8.2	12.2

Manual Integrations
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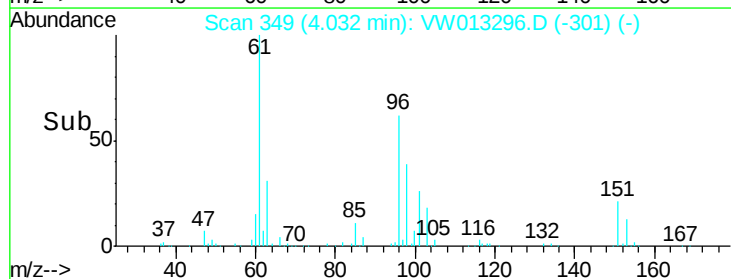
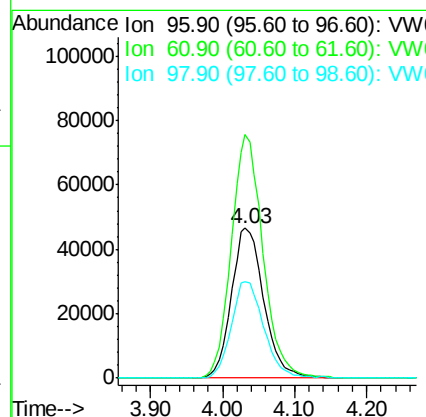
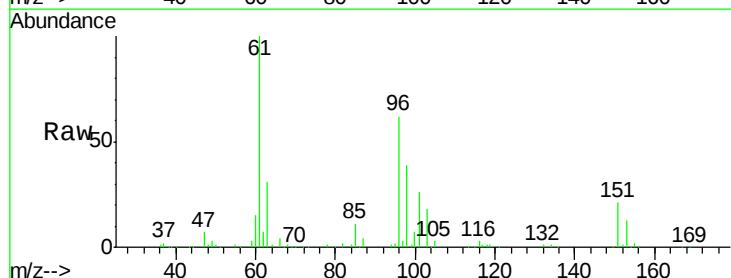
MMDadoda
9/26/2019 3:33:21 PM

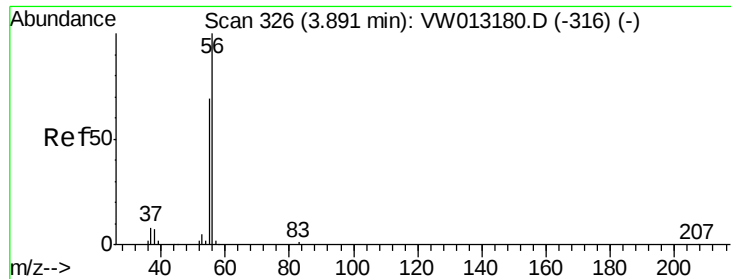


#12

1,1-Dichloroethene
Concen: 46.051 ug/l
RT: 4.03 min Scan# 349
Delta R.T. -0.01 min
Lab File: VW013296.D
Acq: 25 Sep 2019 17:11

Tgt Ion	Ratio	Lower	Upper
96	100		
61	162.3	125.1	187.7
98	63.9	50.8	76.2





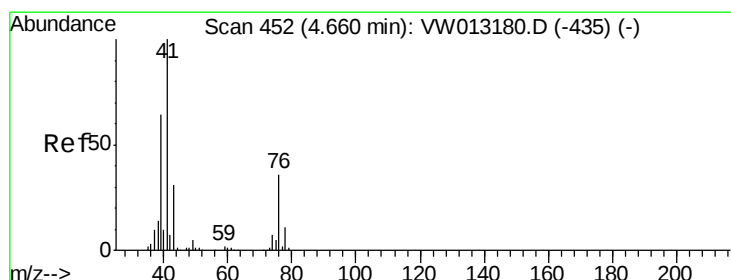
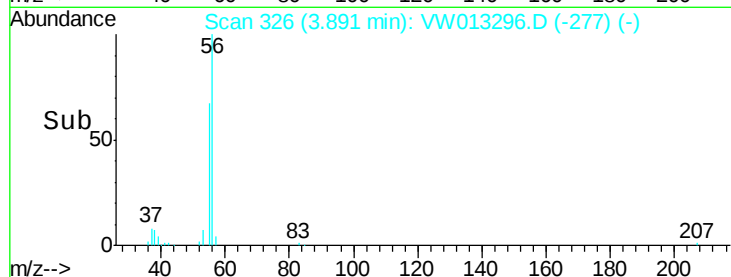
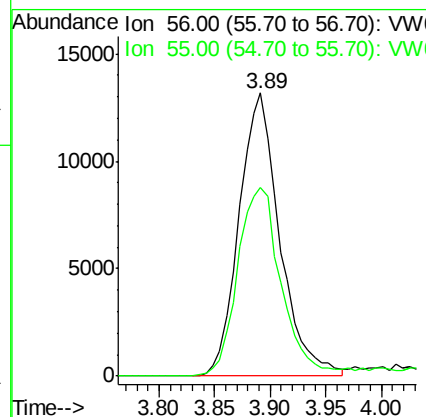
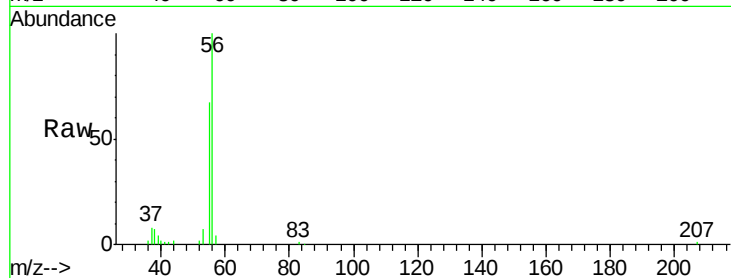
#13
Acrolein
Concen: 208.731 ug/l
RT: 3.89 min Scan# 326
Delta R.T. -0.00 min
Lab File: VW013296.D
Acq: 25 Sep 2019 17:11

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
56	100		
55	71.2	55.4	83.0

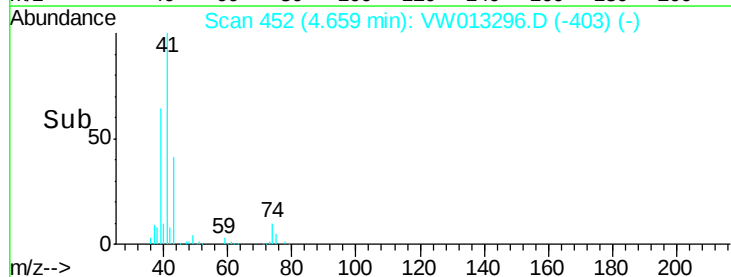
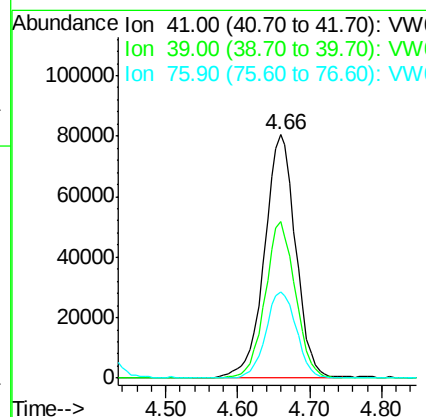
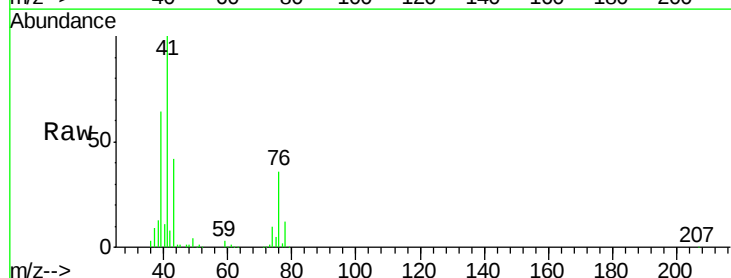
Manual Integrations
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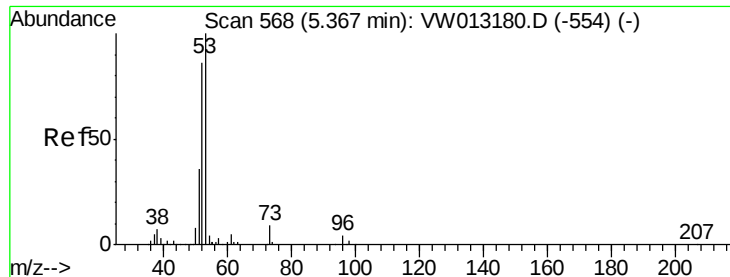
MMDadoda
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#14
Allyl chloride
Concen: 47.897 ug/l
RT: 4.66 min Scan# 452
Delta R.T. -0.00 min
Lab File: VW013296.D
Acq: 25 Sep 2019 17:11

Tgt Ion	Ratio	Lower	Upper
41	100		
39	62.4	51.0	76.4
76	34.7	28.4	42.6





#15

Acrylonitrile

Concen: 258.377 ug/l

RT: 5.36 min Scan# 567

Delta R.T. -0.01 min

Lab File: VW013296.D

Acq: 25 Sep 2019 17:11

Instrument :

MSVOA_W

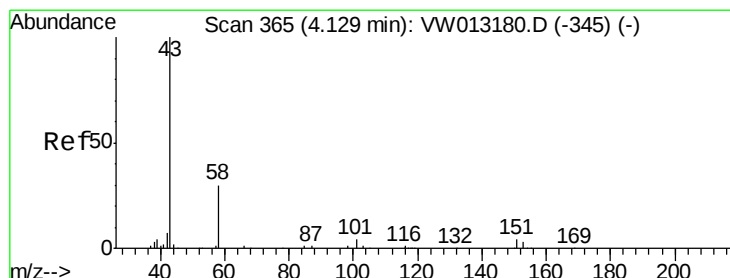
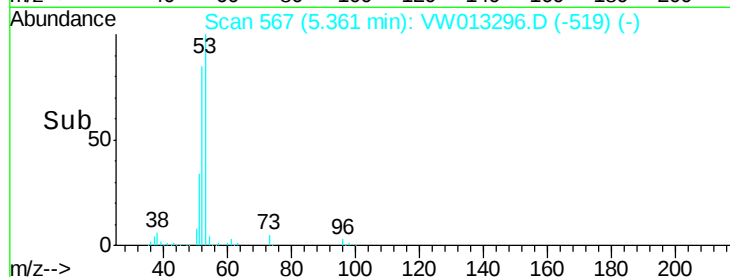
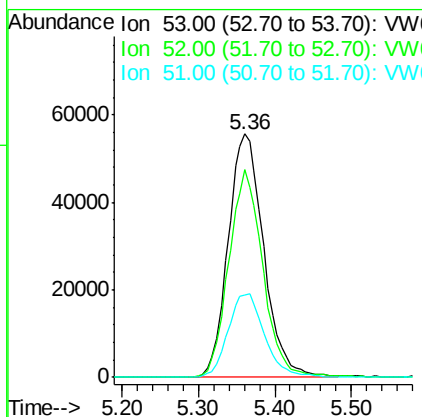
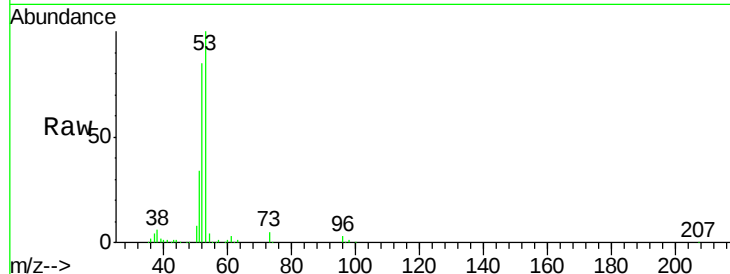
ClientSampleId :

VSTDCCC050EC

Tot Ion:	53	Resp:	179125
Ion Ratio	Lower	Upper	
53	100		
52	81.6	65.3	97.9
51	35.3	29.0	43.4

Manual Integrations
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#16

Acetone

Concen: 239.039 ug/l

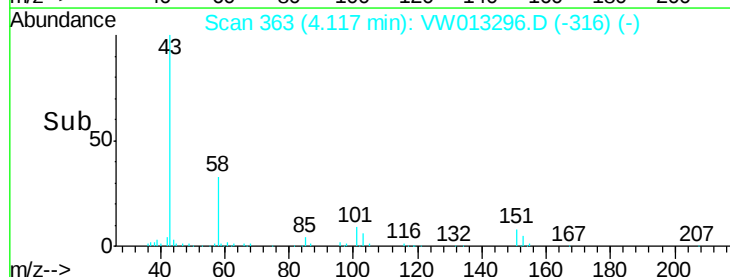
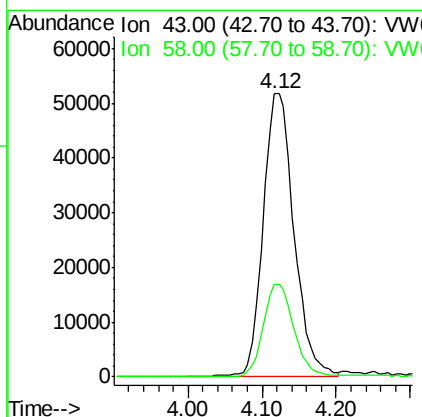
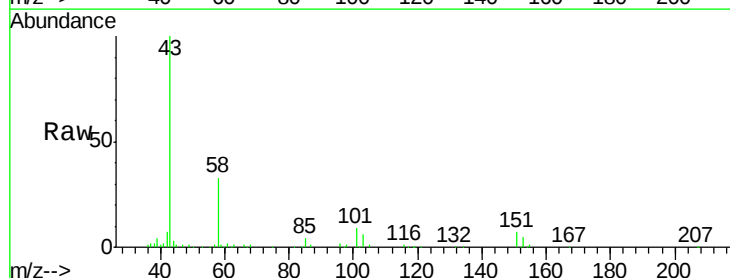
RT: 4.12 min Scan# 363

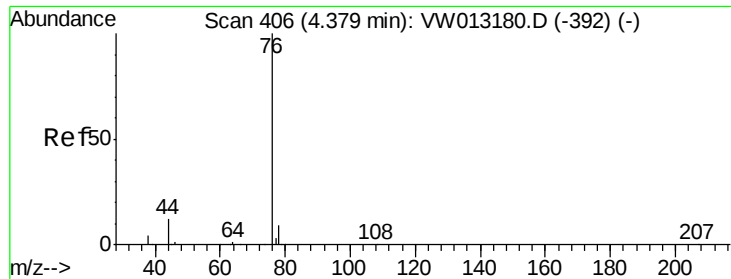
Delta R.T. -0.01 min

Lab File: VW013296.D

Acq: 25 Sep 2019 17:11

Tgt Ion:	43	Resp:	150085
Ion Ratio	Lower	Upper	
43	100		
58	32.9	24.1	36.1





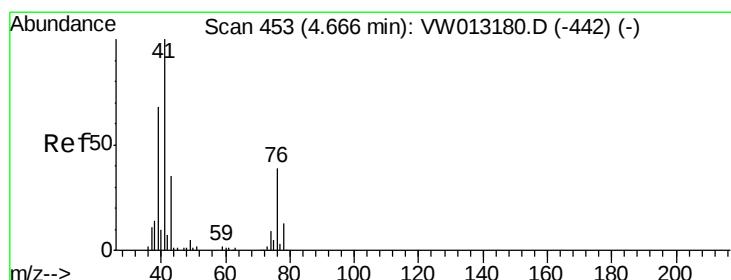
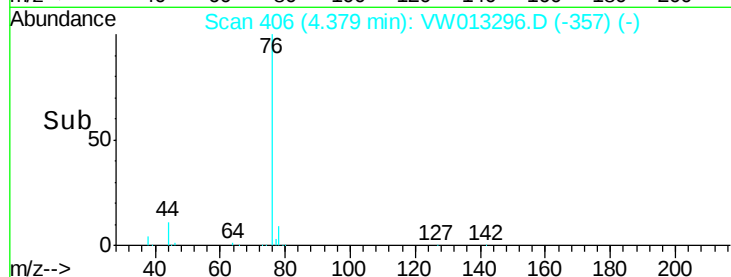
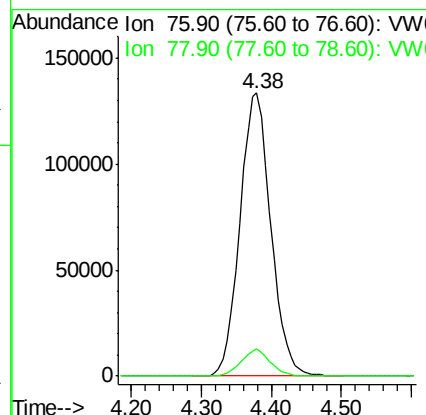
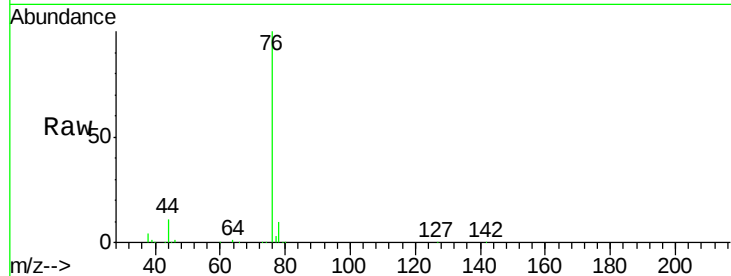
#17
Carbon Disulfide
Concen: 44.581 ug/l
RT: 4.38 min Scan# 406
Delta R.T. -0.00 min
Lab File: VW013296.D
Acq: 25 Sep 2019 17:11

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.6	7.0	10.4

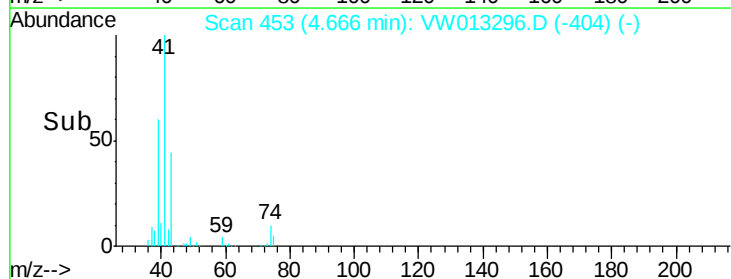
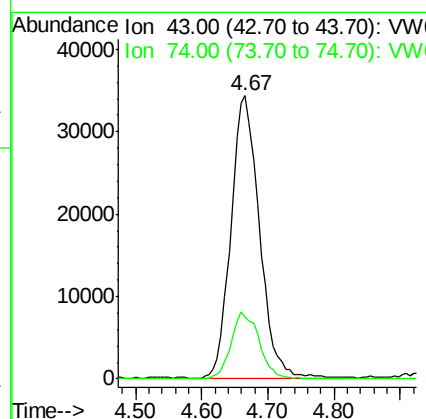
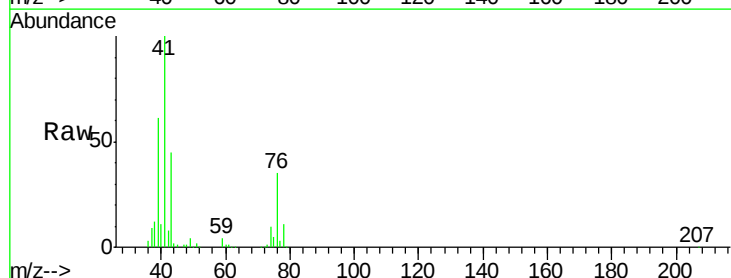
Manual Integrations
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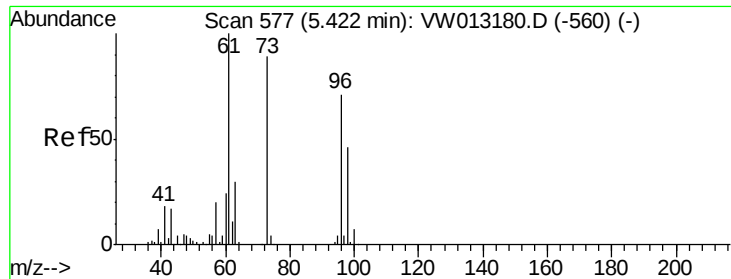
MMDadoda
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#18
Methyl Acetate
Concen: 58.044 ug/l
RT: 4.67 min Scan# 453
Delta R.T. -0.00 min
Lab File: VW013296.D
Acq: 25 Sep 2019 17:11

Tgt Ion	Ratio	Lower	Upper
43	100		
74	23.5	19.3	28.9





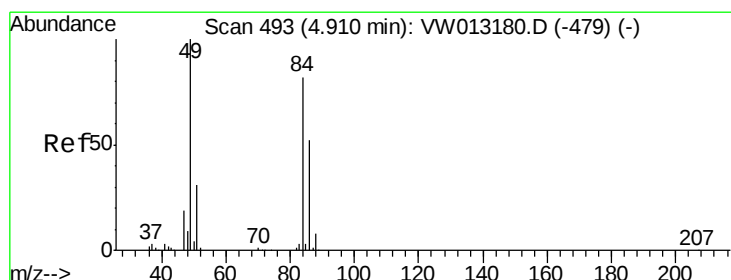
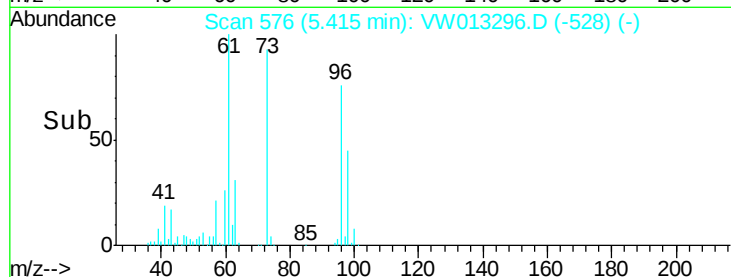
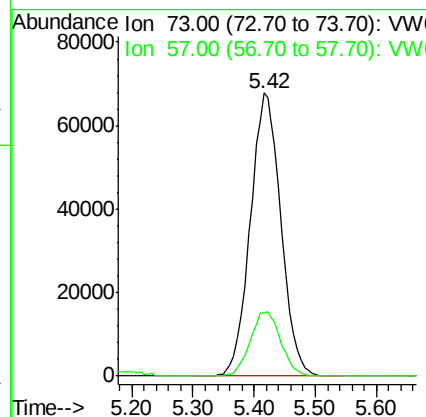
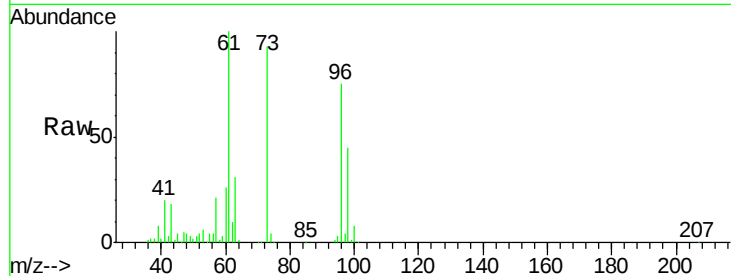
#19
Methvl tert-butvl Ether
Concen: 48.518 ug/l
RT: 5.42 min Scan# 576
Delta R.T. -0.01 min
Lab File: VW013296.D
Acq: 25 Sep 2019 17:11

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
73	100		
57	22.2	17.6	26.4

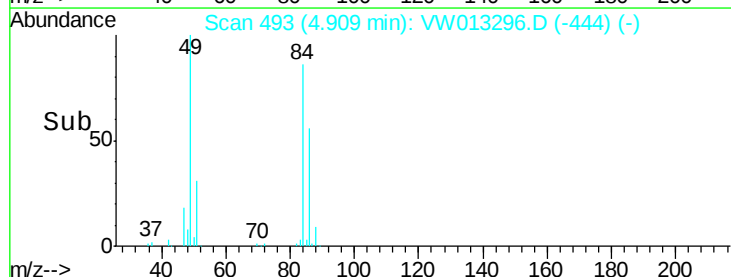
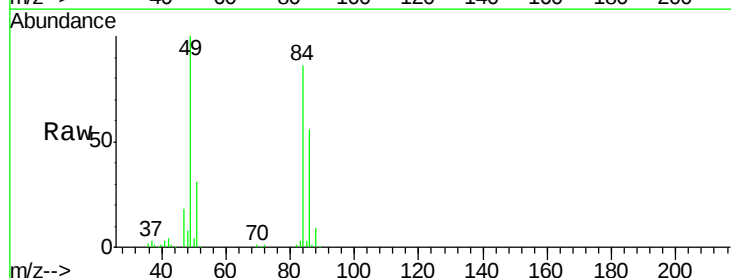
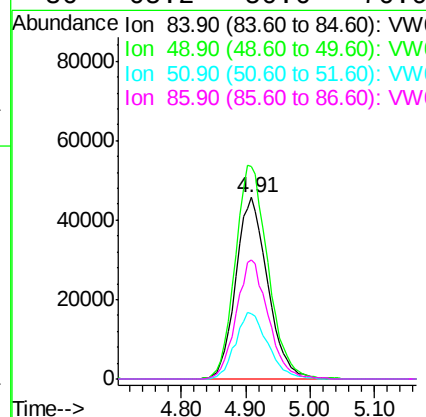
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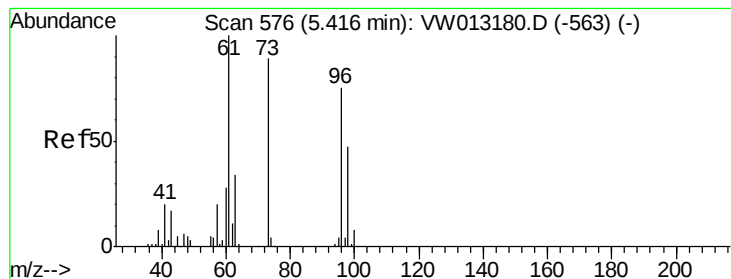
MMDadoda
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#20
Methylene Chloride
Concen: 48.986 ug/l
RT: 4.91 min Scan# 493
Delta R.T. 0.00 min
Lab File: VW013296.D
Acq: 25 Sep 2019 17:11

Tgt Ion	Ratio	Lower	Upper
84	100		
49	117.0	97.6	146.4
51	36.3	30.2	45.2
86	65.2	50.6	76.0





#21

trans-1,2-Dichloroethene

Concen: 47.106 ug/l

RT: 5.42 min Scan# 576

Delta R.T. -0.00 min

Lab File: VW013296.D

Acq: 25 Sep 2019 17:11

Instrument :

MSVOA_W

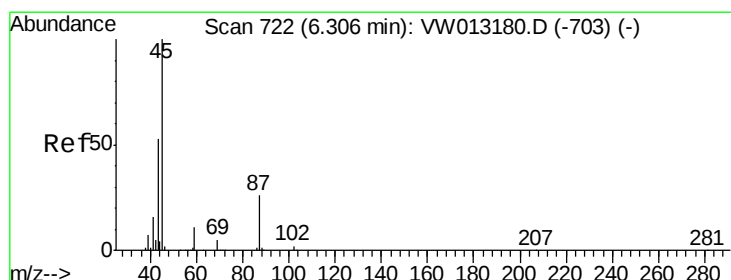
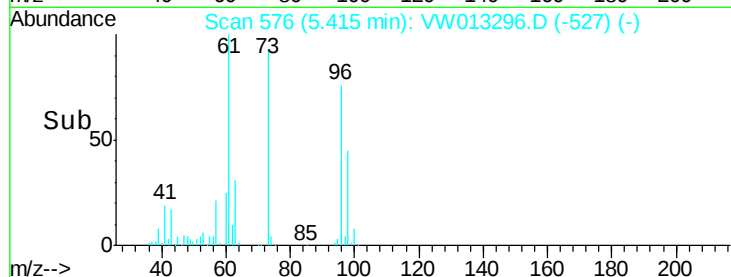
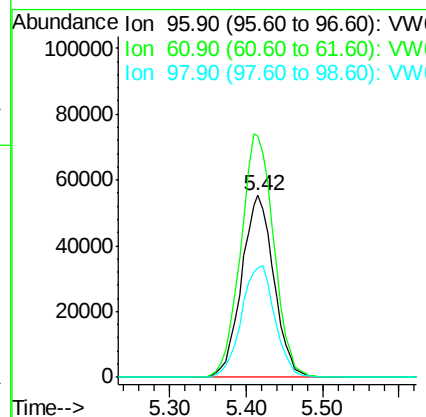
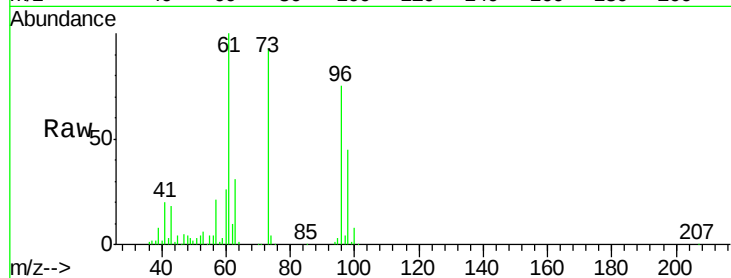
ClientSampleId :

VSTDCCC050EC

Tot Ion:	96	Resp:	161408
Ion	Ratio	Lower	Upper
96	100		
61	132.6	106.6	159.8
98	59.9	49.8	74.8

Manual Integrations
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#22

Diisopropyl ether

Concen: 48.619 ug/l

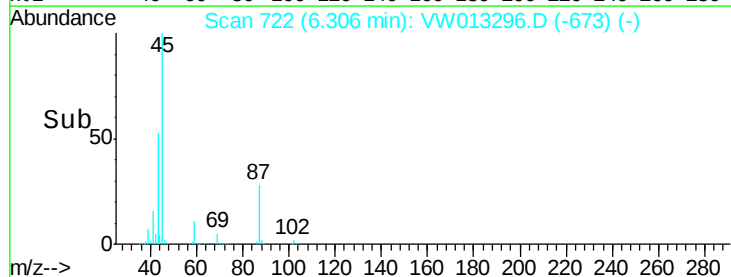
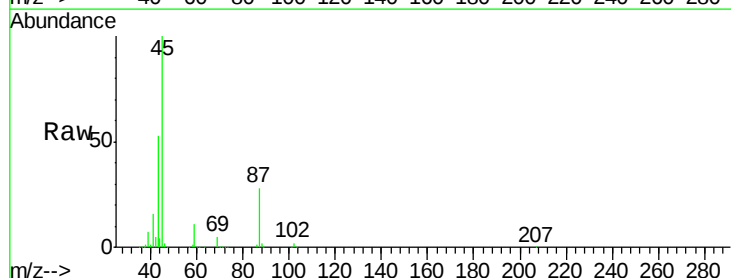
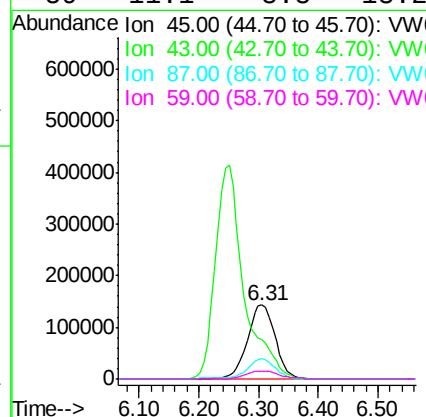
RT: 6.31 min Scan# 722

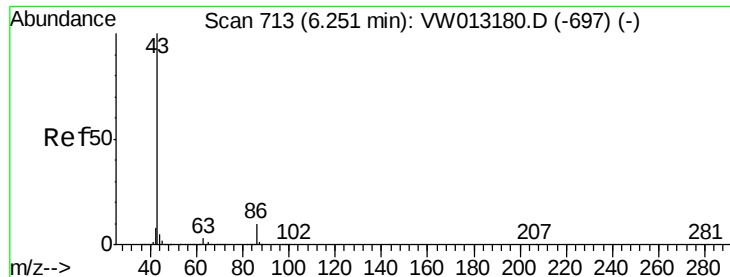
Delta R.T. -0.00 min

Lab File: VW013296.D

Acq: 25 Sep 2019 17:11

Tgt Ion:	45	Resp:	466468
Ion	Ratio	Lower	Upper
45	100		
43	52.3	42.4	63.6
87	27.9	20.4	30.6
59	11.1	8.8	13.2





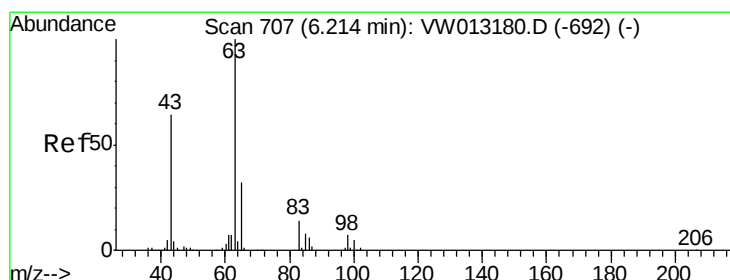
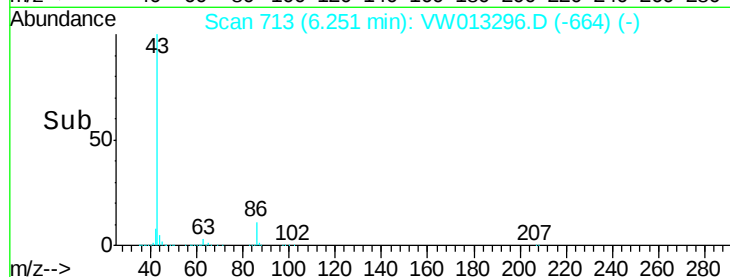
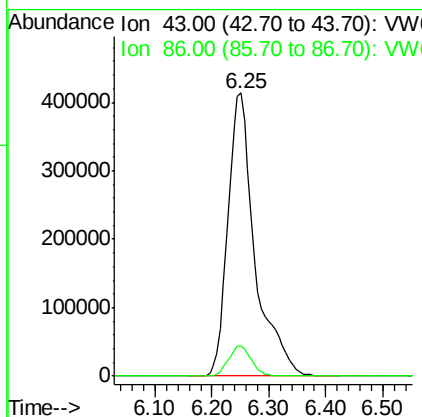
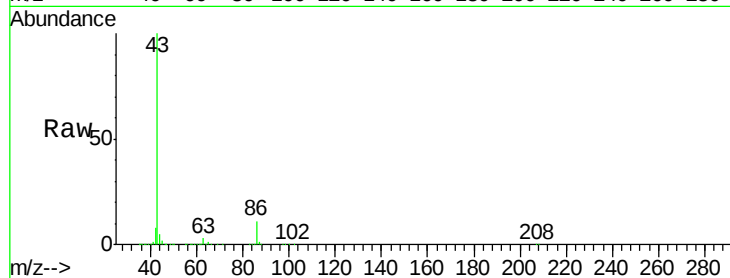
#23
 Vinyl Acetate
 Concen: 241.041 ug/l
 RT: 6.25 min Scan# 713
 Delta R.T. -0.00 min
 Lab File: VW013296.D
 Acq: 25 Sep 2019 17:11

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 43 Resp: 1371986
 Ion Ratio Lower Upper
 43 100
 86 10.7 8.3 12.5

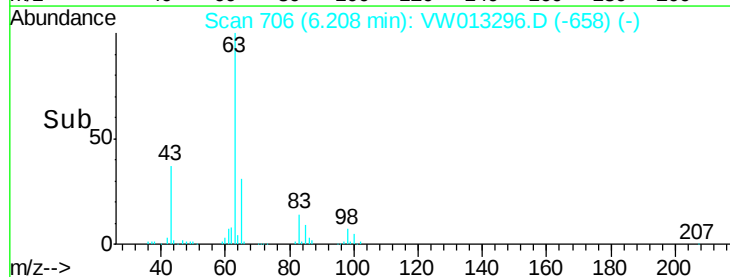
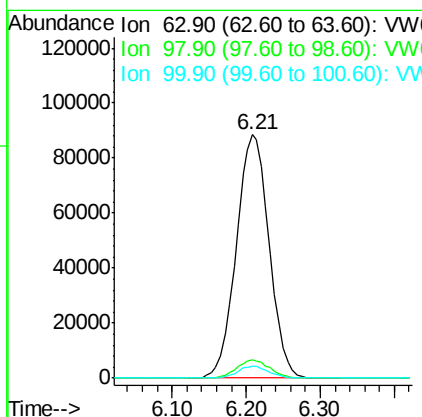
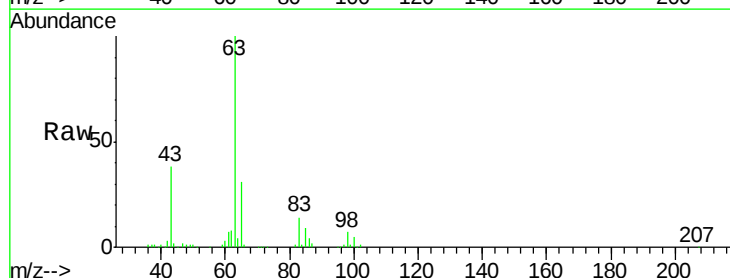
Manual Integrations
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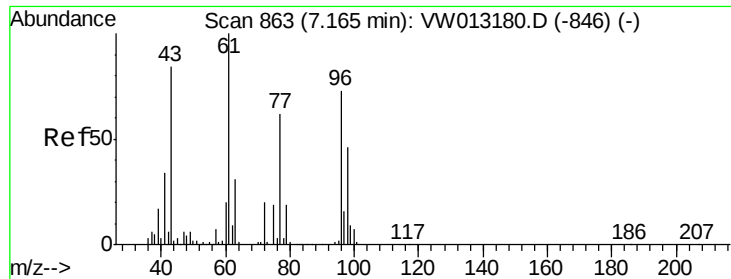
MMDadoda
 9/26/2019 3:33:21 PM



#24
 1,1-Dichloroethane
 Concen: 47.012 ug/l
 RT: 6.21 min Scan# 706
 Delta R.T. -0.01 min
 Lab File: VW013296.D
 Acq: 25 Sep 2019 17:11

Tgt Ion: 63 Resp: 272176
 Ion Ratio Lower Upper
 63 100
 98 7.3 3.5 10.5
 100 5.0 2.4 7.1





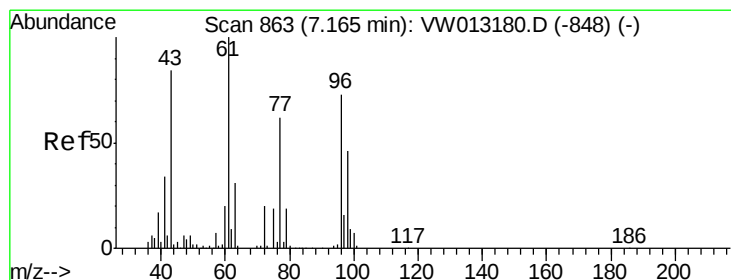
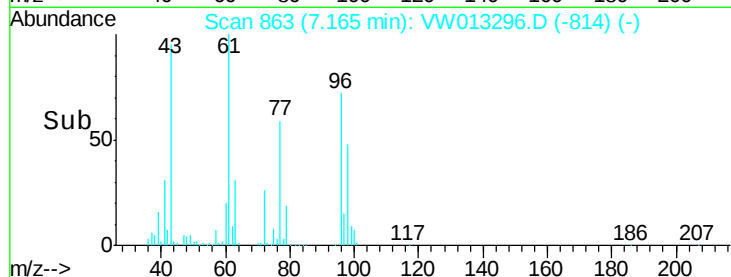
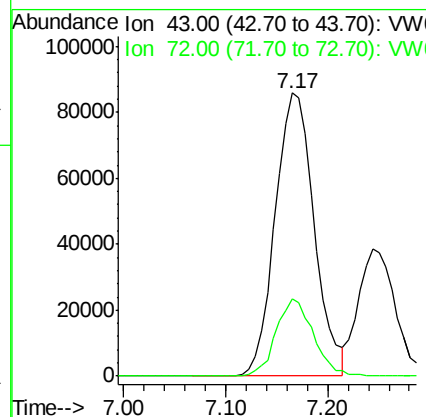
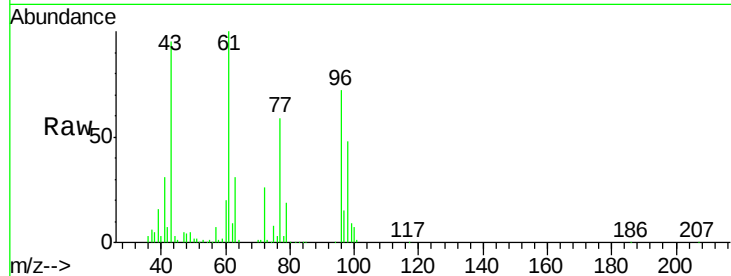
#25
2-Butanone
Concen: 242.308 ug/l
RT: 7.17 min Scan# 863
Delta R.T. -0.00 min
Lab File: VW013296.D
Acq: 25 Sep 2019 17:11

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
72	27.2	19.4	29.0

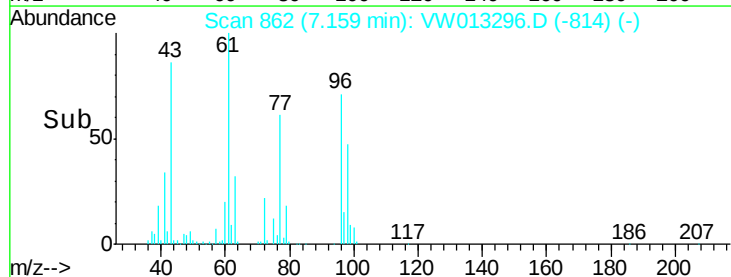
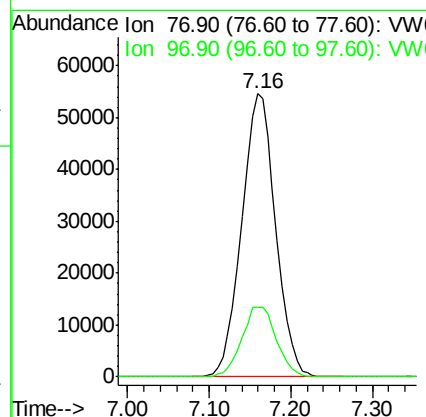
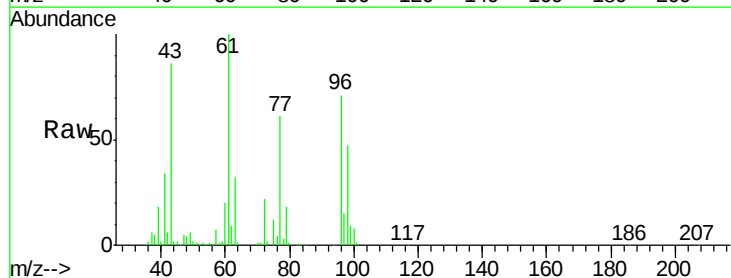
Manual Integrations
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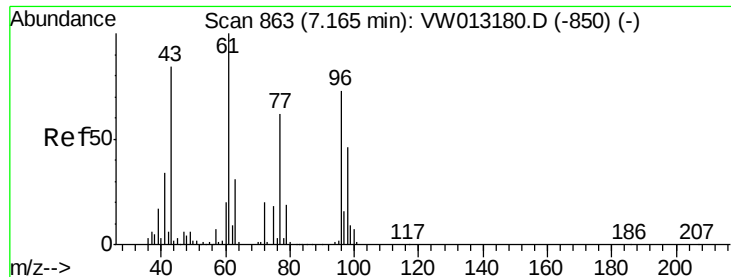
MMDadoda
9/26/2019 3:33:21 PM



#26
2,2-Dichloropropane
Concen: 44.953 ug/l
RT: 7.16 min Scan# 862
Delta R.T. -0.01 min
Lab File: VW013296.D
Acq: 25 Sep 2019 17:11

Tgt Ion	Ratio	Lower	Upper
77	100		
97	25.3	11.8	35.4





#27

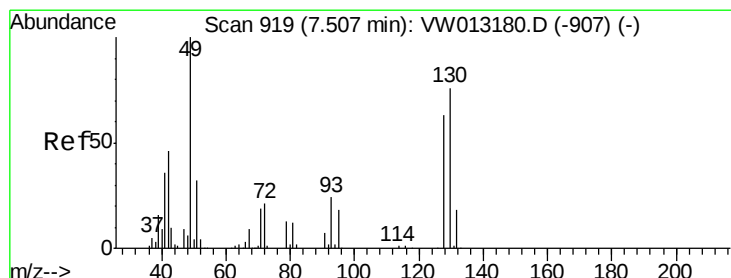
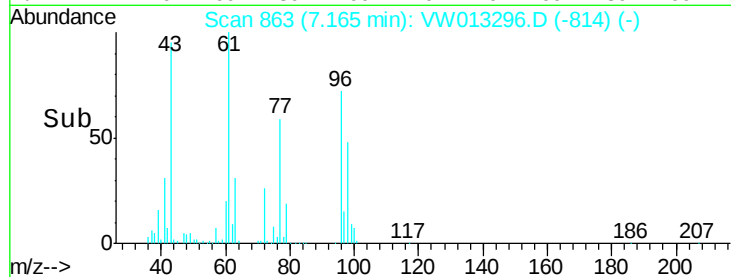
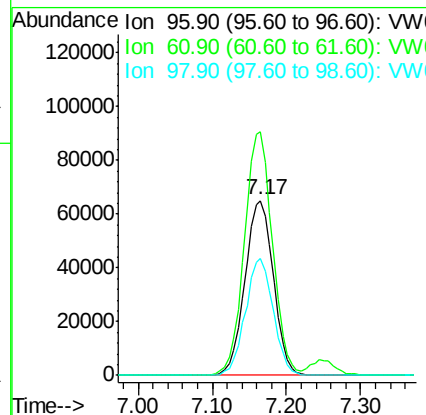
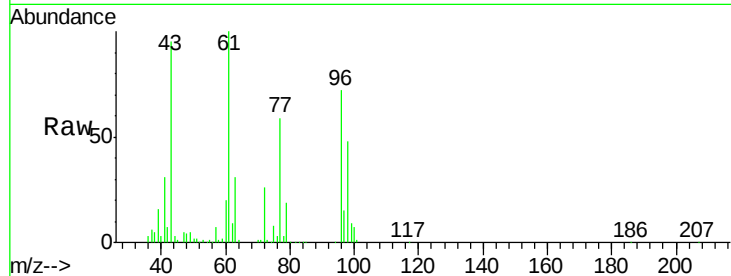
cis-1,2-Dichloroethene
Concen: 48.150 ug/l
RT: 7.17 min Scan# 863
Delta R.T. -0.00 min
Lab File: VW013296.D
Acq: 25 Sep 2019 17:11

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
96	100	174115		
61	137.7	0.0	282.4	
98	65.2	0.0	128.2	

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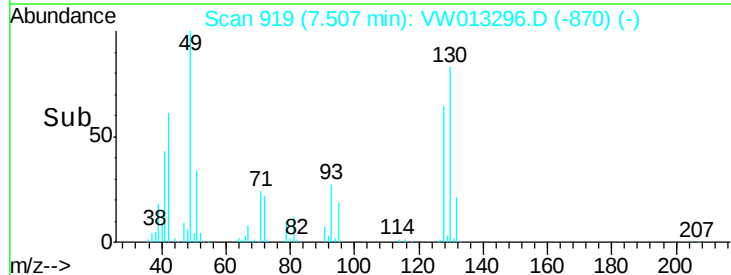
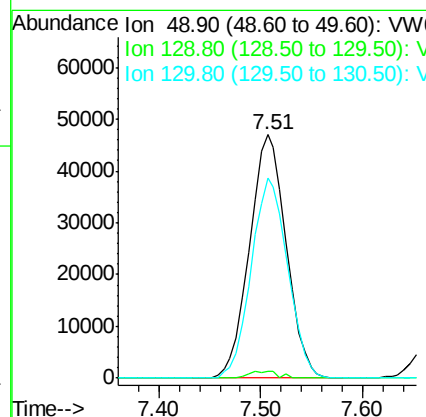
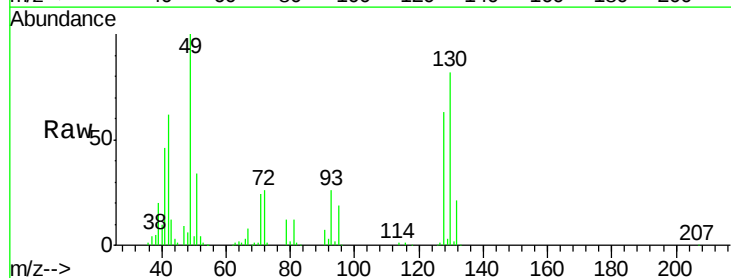
MMDadoda
9/26/2019 3:33:21 PM



#28

Bromochloromethane
Concen: 52.916 ug/l
RT: 7.51 min Scan# 919
Delta R.T. -0.00 min
Lab File: VW013296.D
Acq: 25 Sep 2019 17:11

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	117581		
129	2.3	0.0	1.0#	
130	81.5	63.4	95.2	





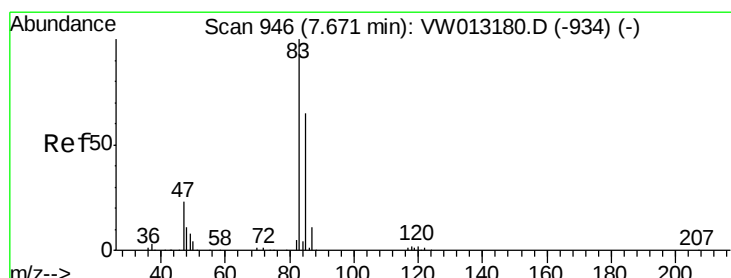
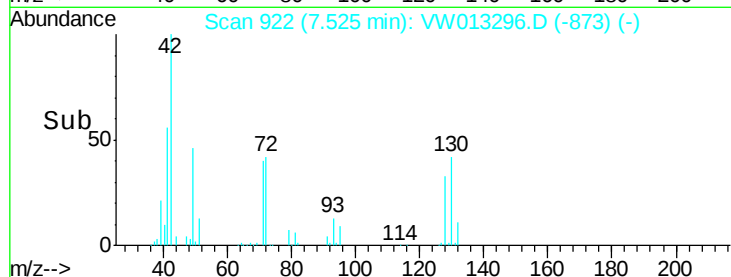
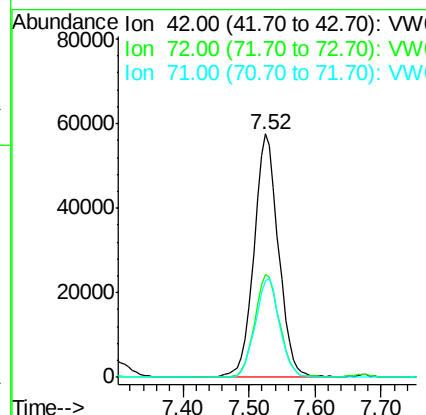
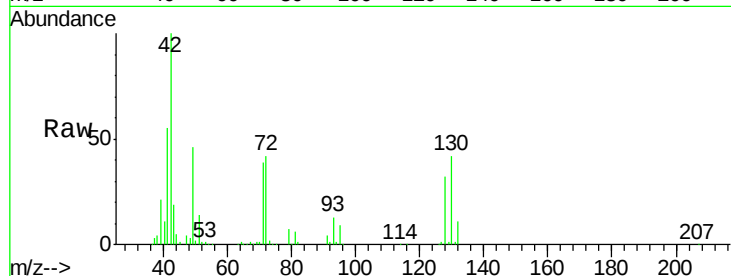
#29
Tetrahydrofuran
Concen: 258.048 ug/l
RT: 7.52 min Scan# 922
Delta R.T. -0.00 min
Lab File: VW013296.D
Acq: 25 Sep 2019 17:11

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
42	100		
72	42.6	33.9	50.9
71	40.4	31.9	47.9

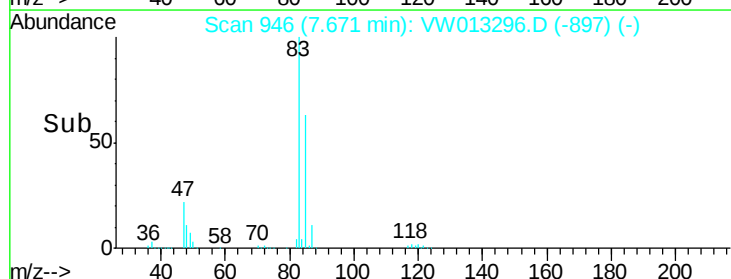
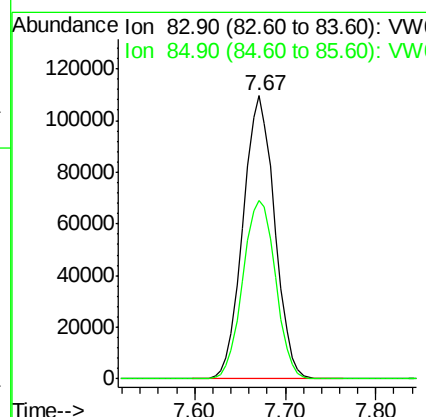
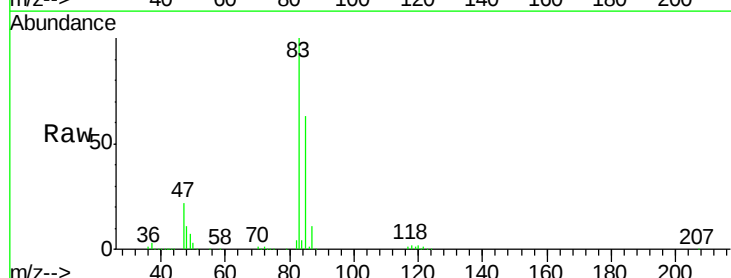
Manual Integrations
APPROVED

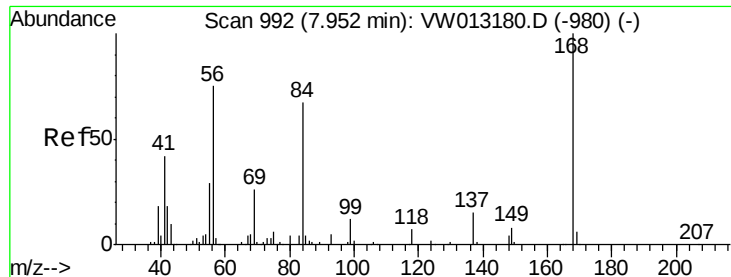
MMDadoda
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#30
Chloroform
Concen: 46.672 ug/l
RT: 7.67 min Scan# 946
Delta R.T. -0.00 min
Lab File: VW013296.D
Acq: 25 Sep 2019 17:11

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.2	52.3	78.5





#31

Cyclohexane

Concen: 44.026 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.00 min

Lab File: VW013296.D

Acq: 25 Sep 2019 17:11

Instrument :

MSVOA_W

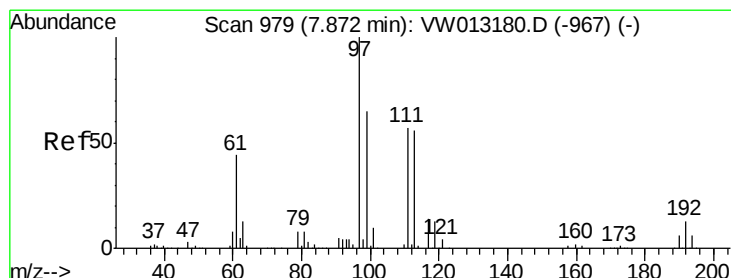
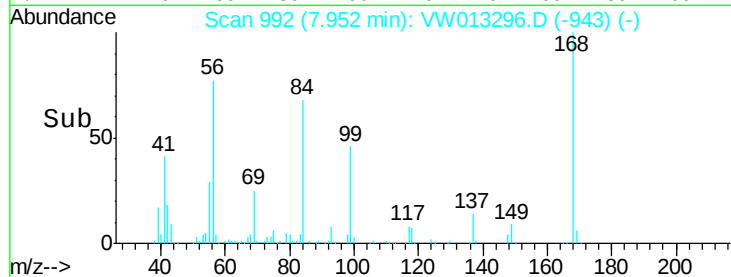
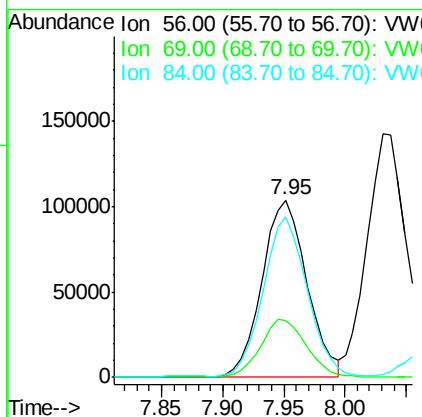
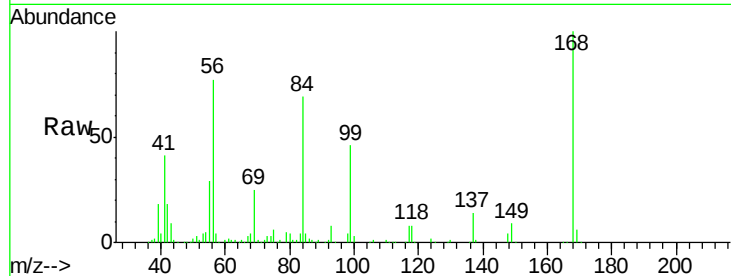
ClientSampleId :

VSTDCCC050EC

Tot Ion:	56	Resp:	265699
Ion Ratio	Lower	Upper	
56	100		
69	31.9	27.2	40.8
84	89.3	70.8	106.2

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#32

1,1,1-Trichloroethane

Concen: 46.915 ug/l

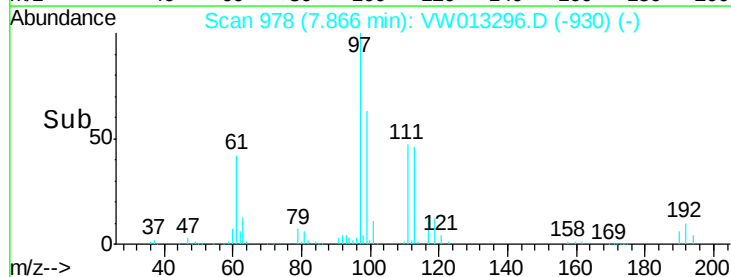
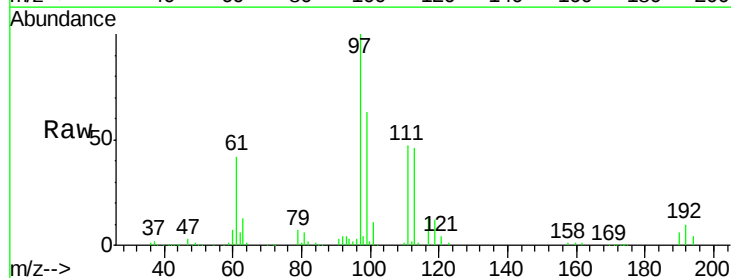
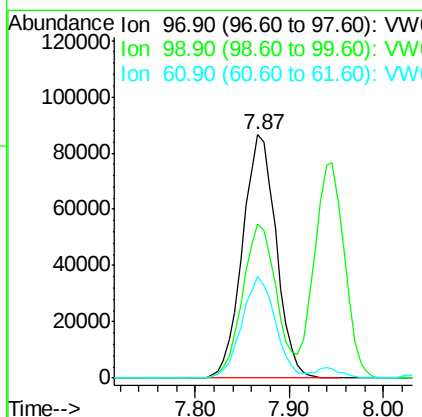
RT: 7.87 min Scan# 978

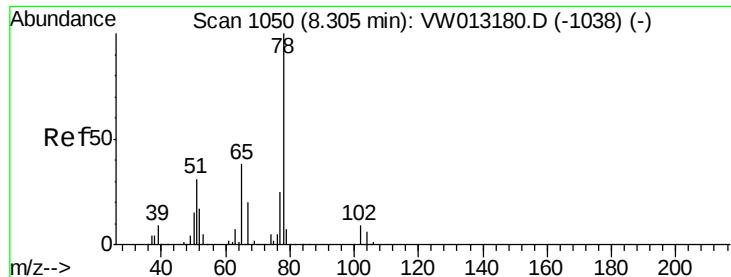
Delta R.T. -0.01 min

Lab File: VW013296.D

Acq: 25 Sep 2019 17:11

Tgt Ion:	97	Resp:	215378
Ion Ratio	Lower	Upper	
97	100		
99	64.3	51.7	77.5
61	41.6	34.6	51.8





#33

1,2-Dichloroethane-d4

Concen: 49.673 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VW013296.D

Acq: 25 Sep 2019 17:11

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tot Ion: 65 Resp: 138300

Ion Ratio Lower Upper

65 100

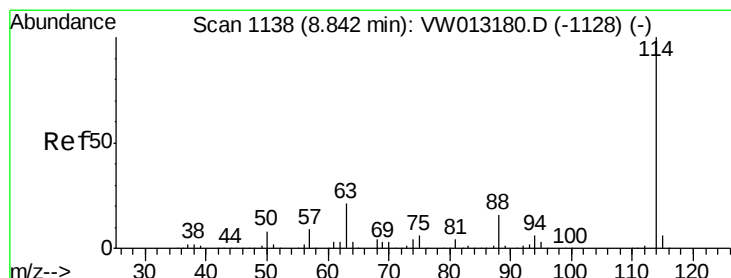
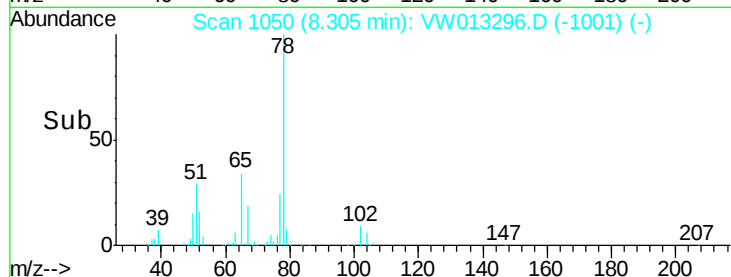
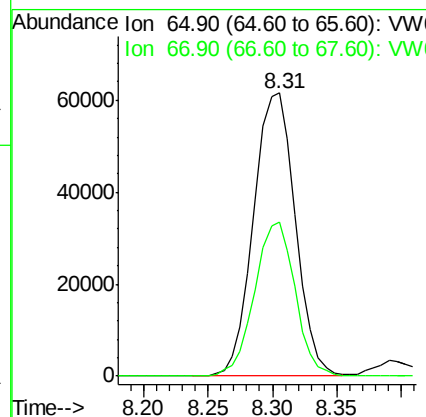
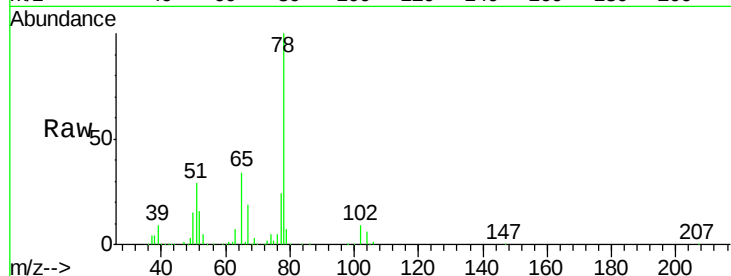
67 52.9 0.0 106.2

Manual Integrations

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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.84 min Scan# 1138

Delta R.T. -0.00 min

Lab File: VW013296.D

Acq: 25 Sep 2019 17:11

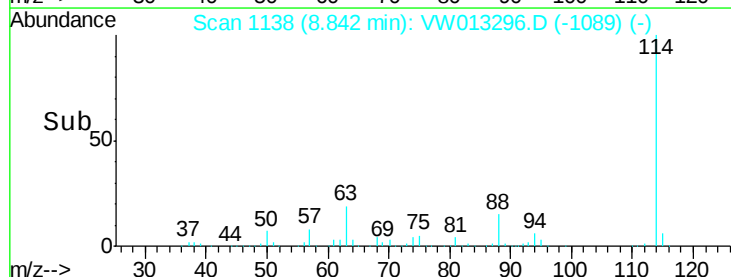
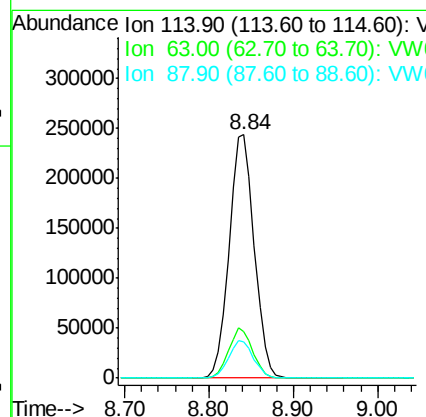
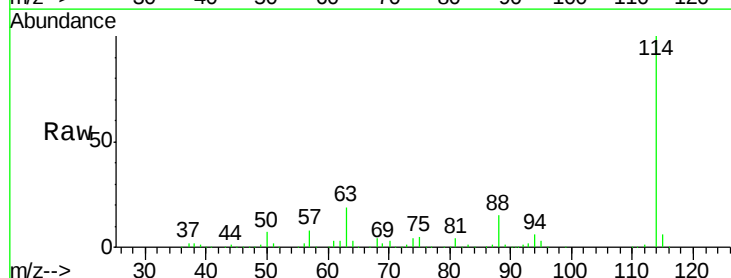
Tgt Ion: 114 Resp: 493587

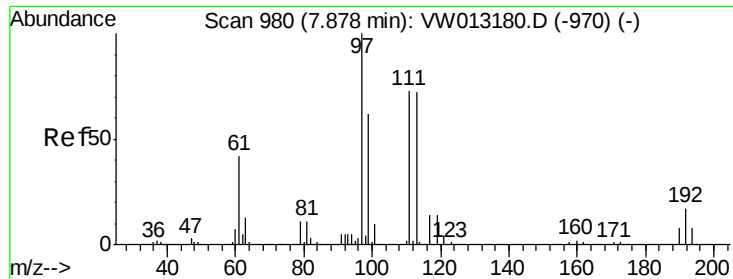
Ion Ratio Lower Upper

114 100

63 19.4 0.0 41.4

88 15.1 0.0 32.0





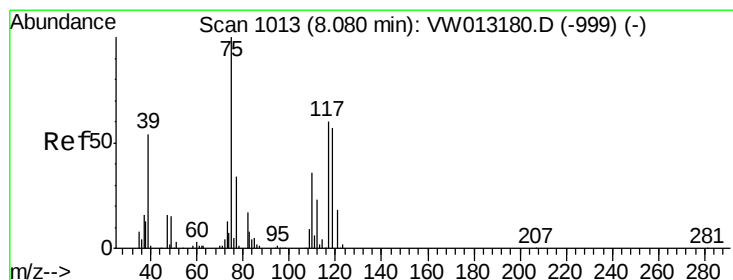
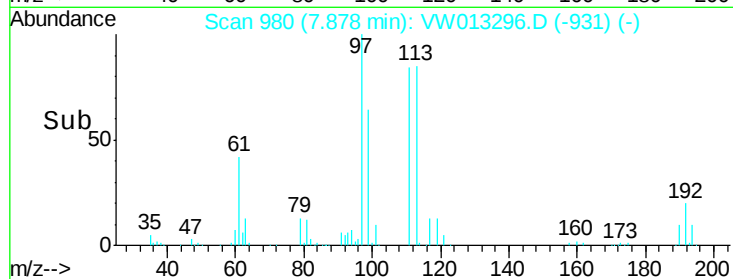
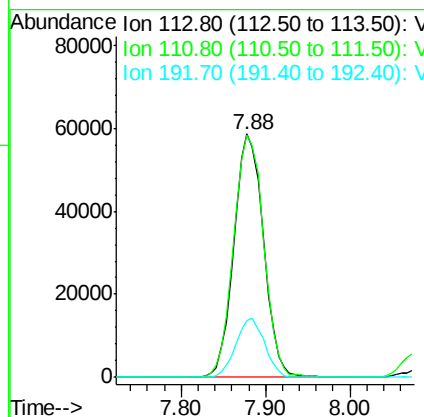
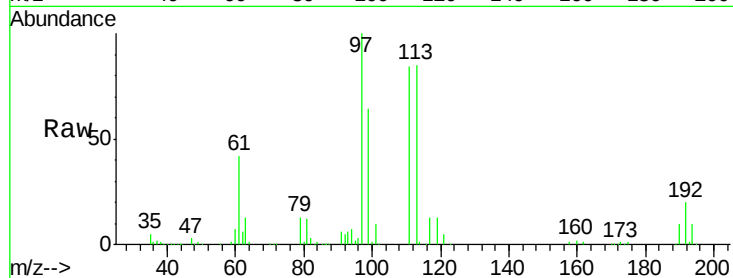
#35
Dibromofluoromethane
Concen: 51.075 ug/l
RT: 7.88 min Scan# 980
Delta R.T. -0.00 min
Lab File: VW013296.D
Acq: 25 Sep 2019 17:11

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
113	100	138654		
111	101.7	81.9	122.9	
192	23.7	19.1	28.7	

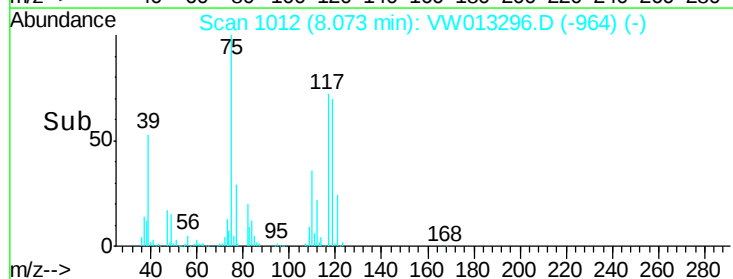
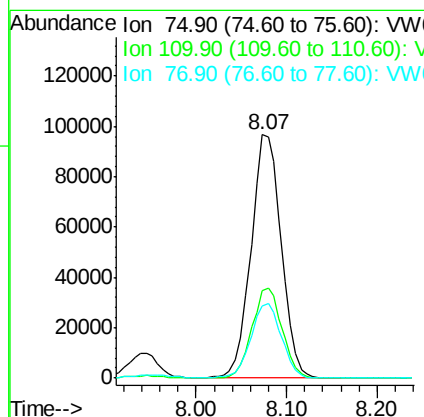
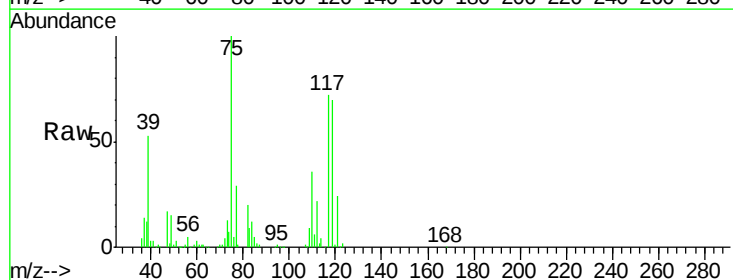
Manual Integrations
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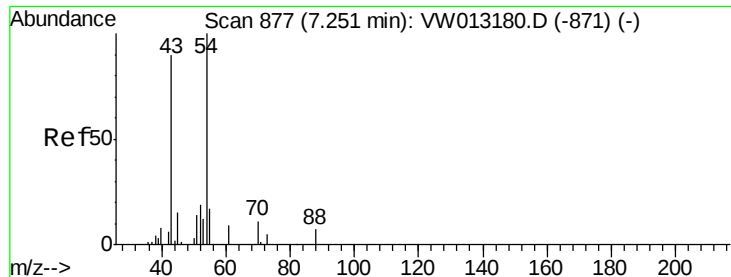
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#36
1,1-Dichloropropene
Concen: 46.644 ug/l
RT: 8.07 min Scan# 1012
Delta R.T. -0.01 min
Lab File: VW013296.D
Acq: 25 Sep 2019 17:11

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	222992		
110	36.7	18.1	54.3	
77	31.0	25.8	38.6	





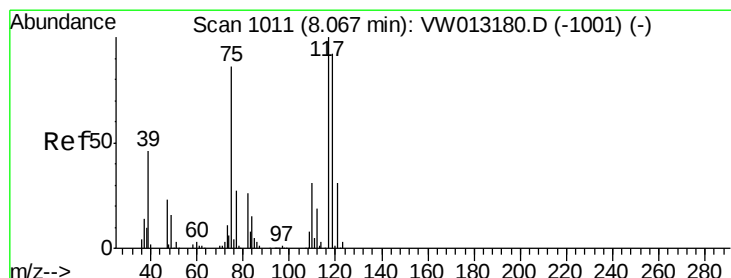
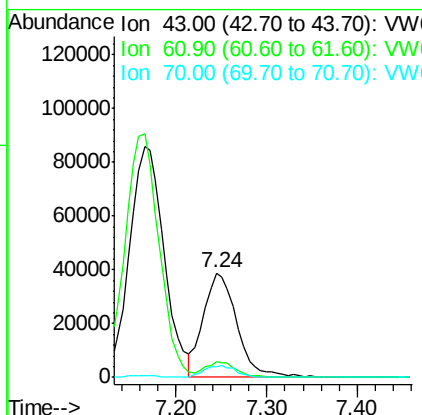
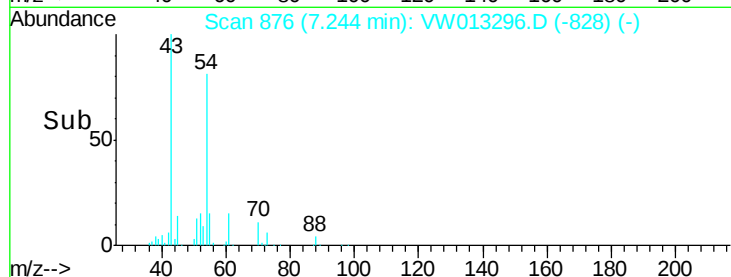
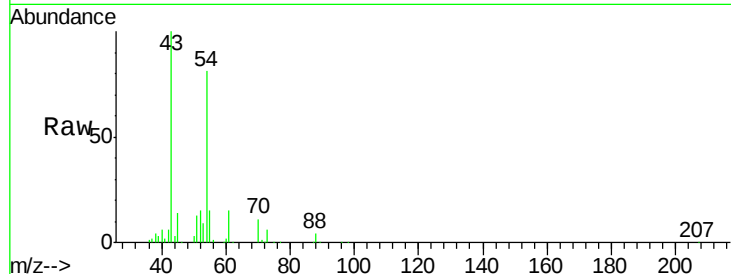
#37
Ethyl Acetate
Concen: 49.209 ug/l
RT: 7.24 min Scan# 876
Delta R.T. -0.01 min
Lab File: VW013296.D
Acq: 25 Sep 2019 17:11

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	43	Resp	99985
Ion	Ratio	Lower	Upper
43	100		
61	13.6	10.9	16.3
70	10.8	8.2	12.2

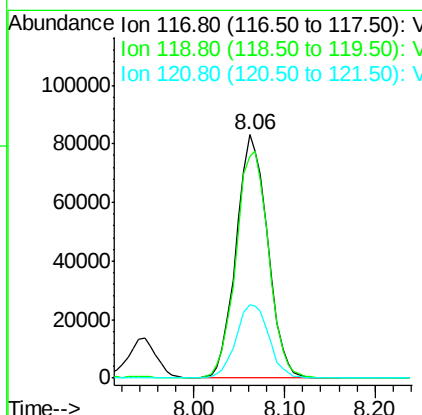
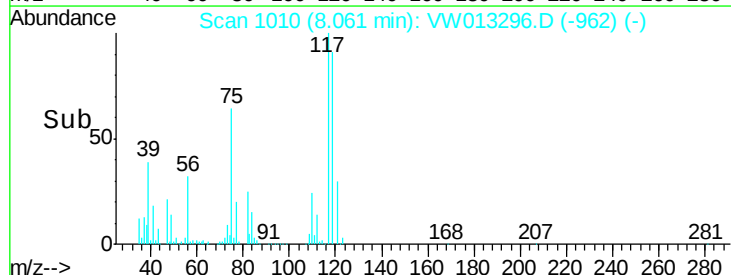
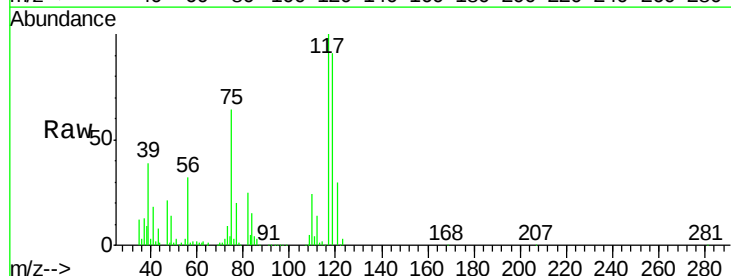
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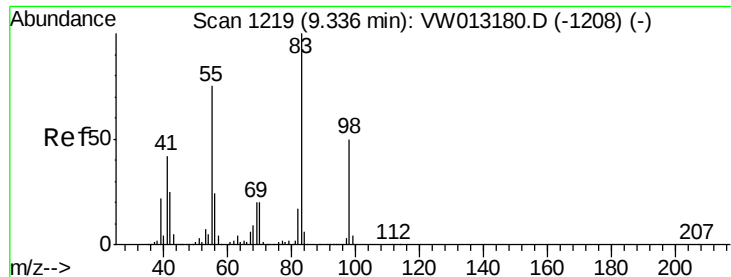
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#38
Carbon Tetrachloride
Concen: 46.804 ug/l
RT: 8.06 min Scan# 1010
Delta R.T. -0.01 min
Lab File: VW013296.D
Acq: 25 Sep 2019 17:11

Tgt Ion	117	Resp	200582
Ion	Ratio	Lower	Upper
117	100		
119	91.2	73.5	110.3
121	30.3	25.0	37.6





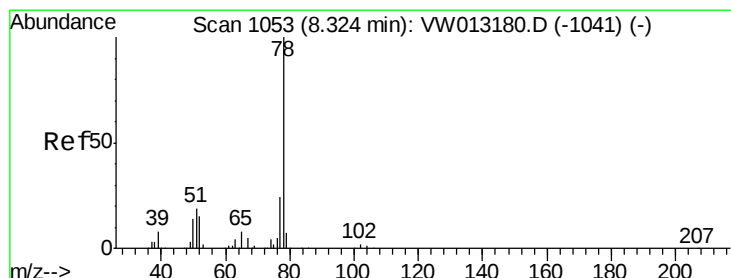
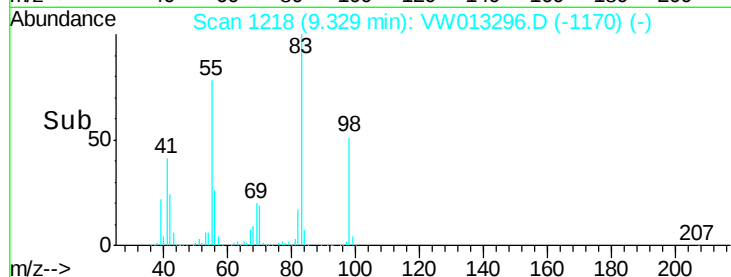
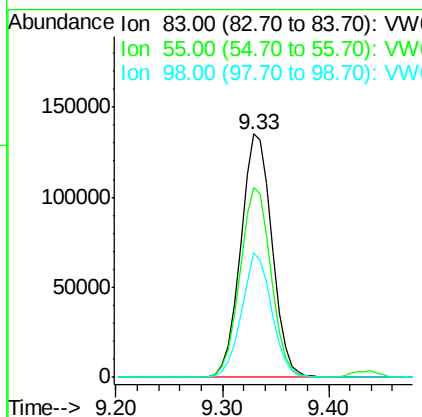
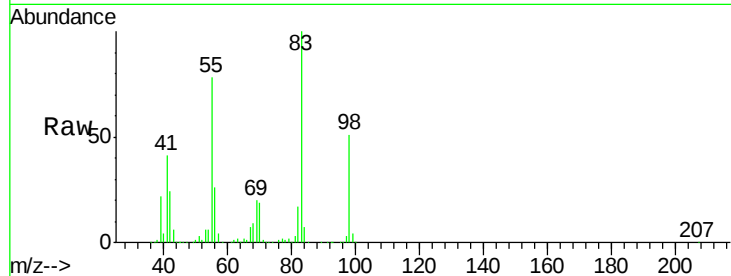
#39
Methvlcvclohexane
Concen: 45.298 ug/l
RT: 9.33 min Scan# 1218
Delta R.T. -0.01 min
Lab File: VW013296.D
Acq: 25 Sep 2019 17:11

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
83	100	278301		
55	78.2		60.4	90.6
98	51.0		40.0	60.0

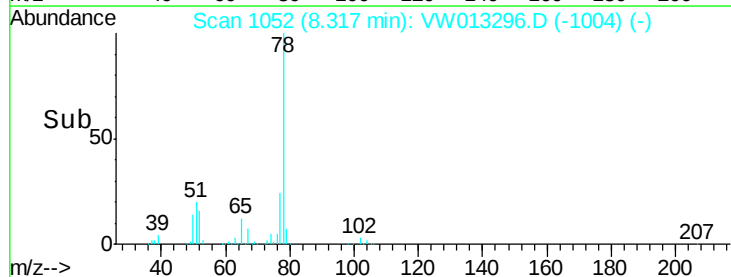
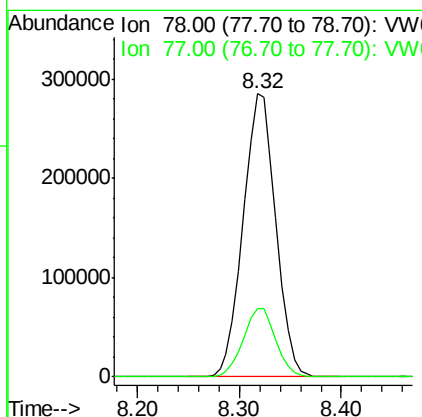
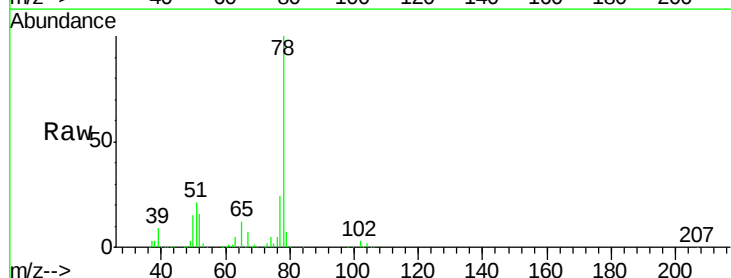
Manual Integrations
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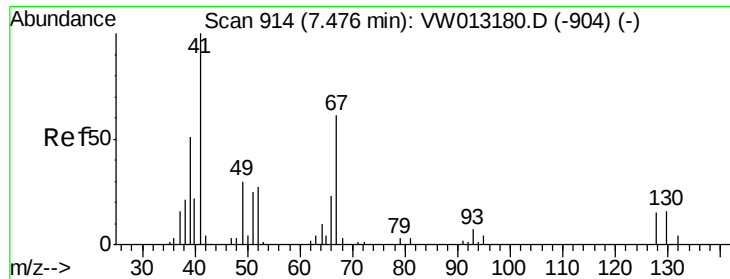
MMDadoda
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#40
Benzene
Concen: 47.639 ug/l
RT: 8.32 min Scan# 1052
Delta R.T. -0.01 min
Lab File: VW013296.D
Acq: 25 Sep 2019 17:11

Tgt Ion	Ratio	Resp	Lower	Upper
78	100	635256		
77	24.1		19.1	28.7





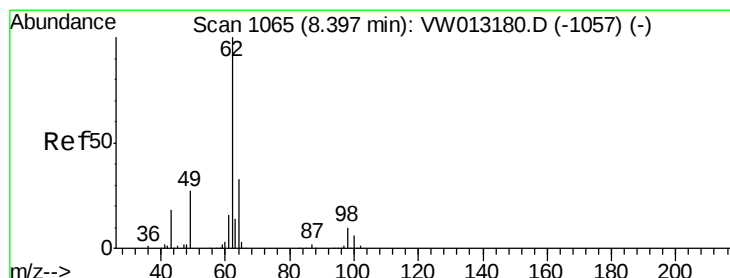
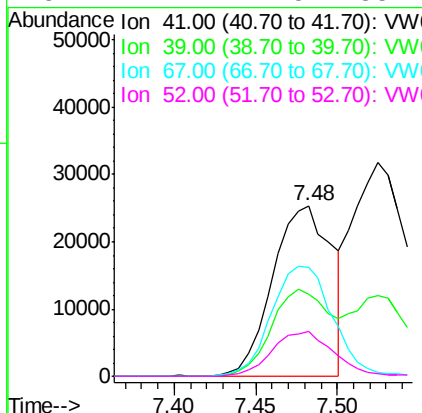
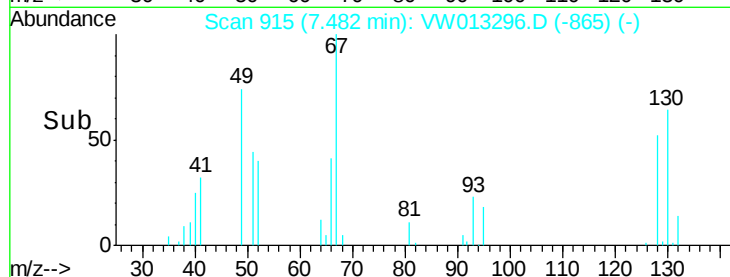
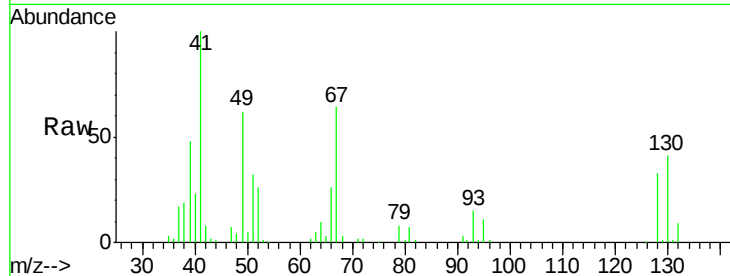
#41
Methacrylonitrile
Concen: 52.537 ug/l
RT: 7.48 min Scan# 915
Delta R.T. 0.01 min
Lab File: VW013296.D
Acq: 25 Sep 2019 17:11

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
41	100		
39	50.8	45.9	68.9
67	67.0	54.5	81.7
52	27.7	22.5	33.7

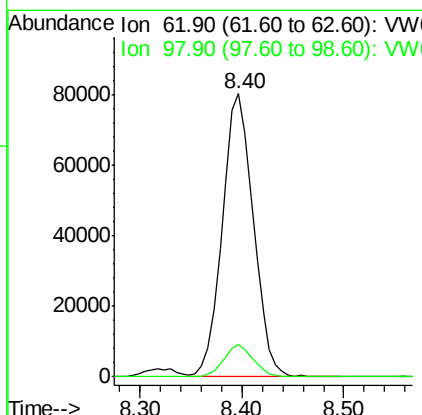
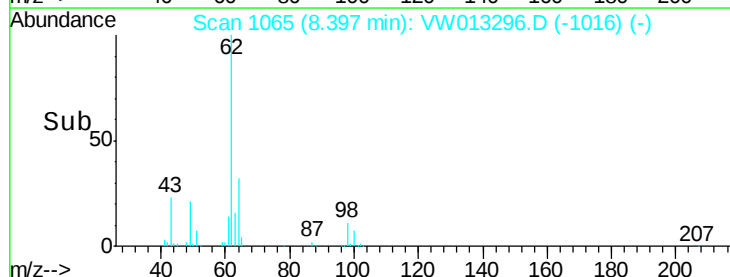
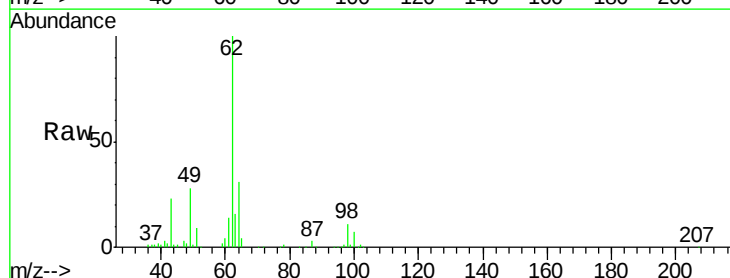
Manual Integrations
APPROVED

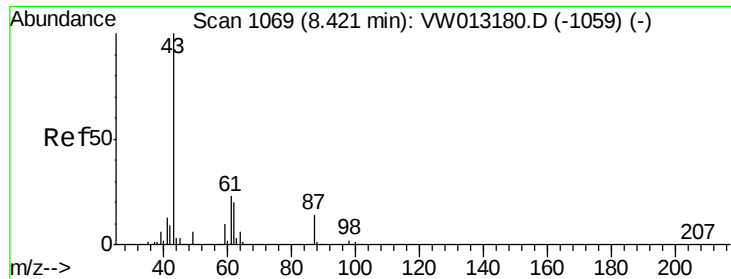
MMDadoda
9/26/2019 3:33:21 PM



#42
1,2-Dichloroethane
Concen: 47.278 ug/l
RT: 8.40 min Scan# 1065
Delta R.T. -0.00 min
Lab File: VW013296.D
Acq: 25 Sep 2019 17:11

Tgt Ion	Ratio	Lower	Upper
62	100		
98	10.7	0.0	20.6





#43

Isopropyl Acetate

Concen: 48.615 ug/l

RT: 8.42 min Scan# 1069

Delta R.T. -0.00 min

Lab File: VW013296.D

Acq: 25 Sep 2019 17:11

Instrument :

MSVOA_W

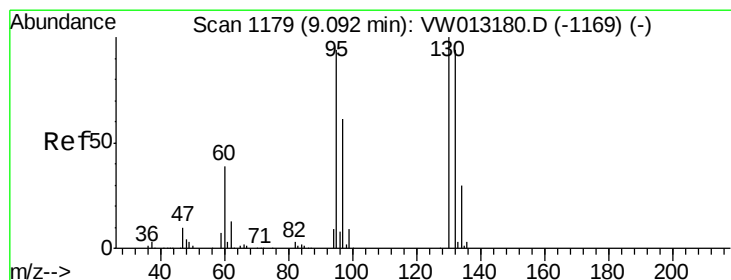
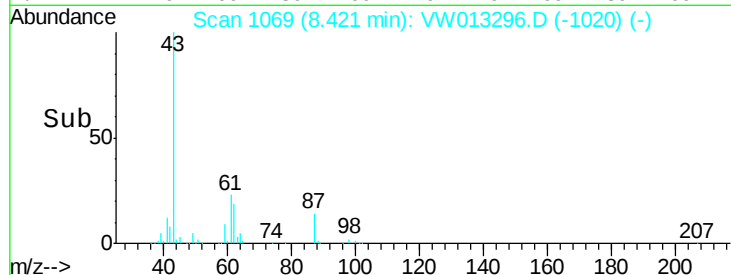
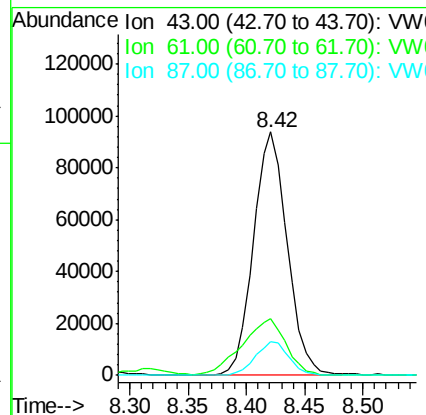
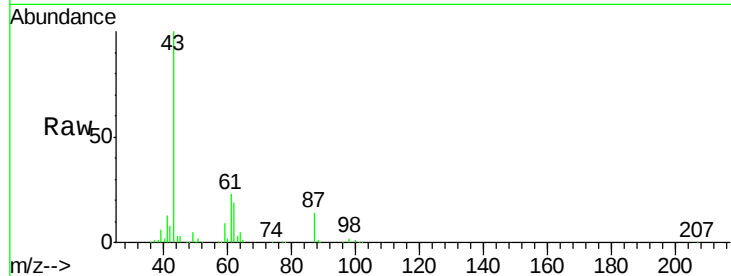
ClientSampleId :

VSTDCCC050EC

Tot Ion:	43	Resp:	189316
Ion	Ratio	Lower	Upper
43	100		
61	30.4	25.5	38.3
87	13.9	11.0	16.4

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#44

Trichloroethene

Concen: 46.396 ug/l

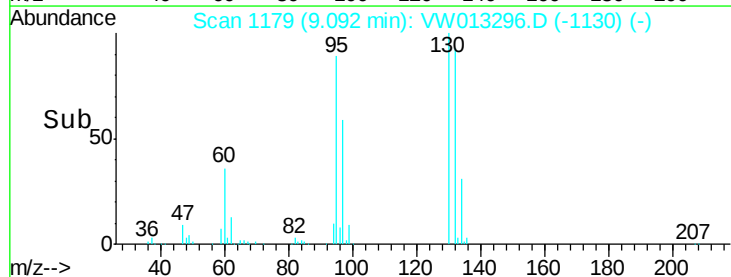
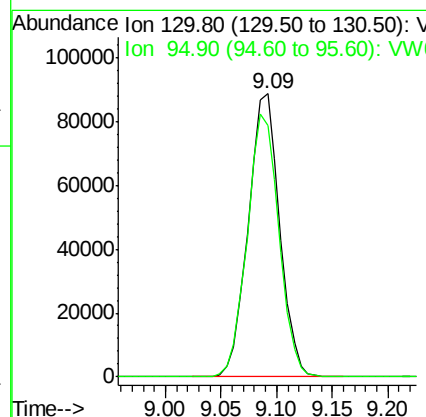
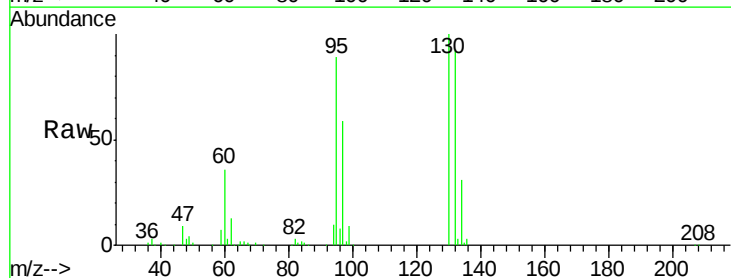
RT: 9.09 min Scan# 1179

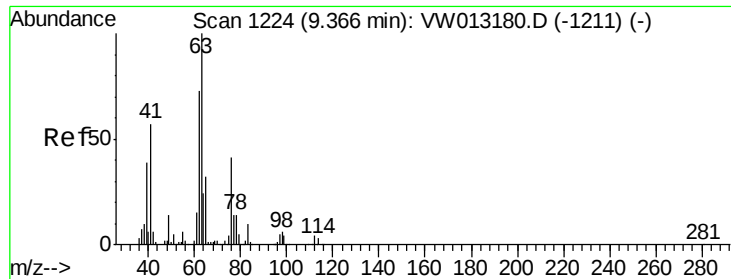
Delta R.T. -0.00 min

Lab File: VW013296.D

Acq: 25 Sep 2019 17:11

Tgt Ion:	130	Resp:	173583
Ion	Ratio	Lower	Upper
130	100		
95	88.9	0.0	188.0





#45

1,2-Dichloropropane

Concen: 47.512 ug/l

RT: 9.37 min Scan# 1224

Delta R.T. -0.00 min

Lab File: VW013296.D

Acq: 25 Sep 2019 17:11

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tot Ion: 63 Resp: 154681

Ion Ratio Lower Upper

63 100

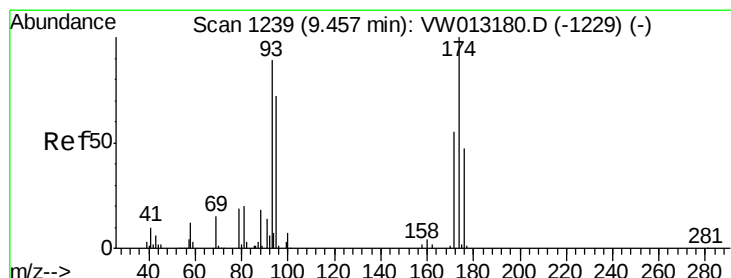
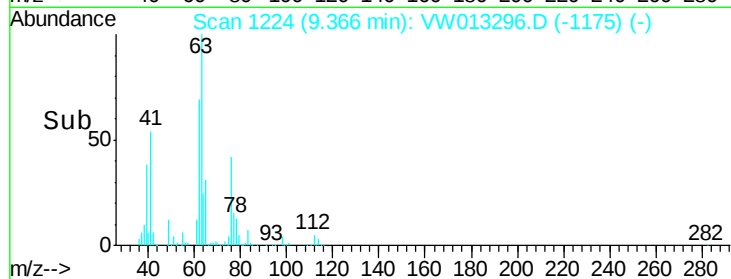
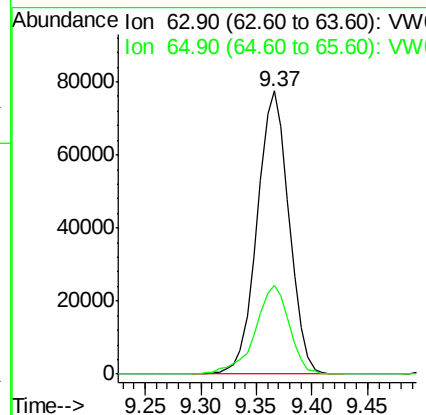
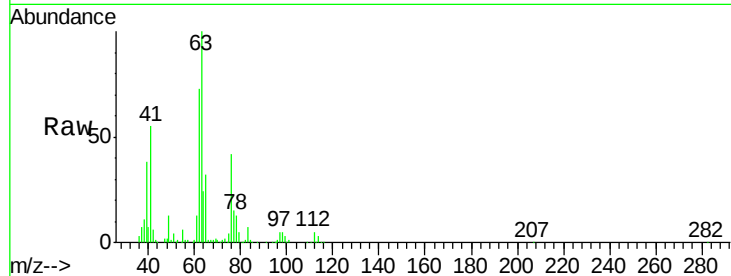
65 31.6 25.3 37.9

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#46

Dibromomethane

Concen: 49.007 ug/l

RT: 9.46 min Scan# 1239

Delta R.T. -0.00 min

Lab File: VW013296.D

Acq: 25 Sep 2019 17:11

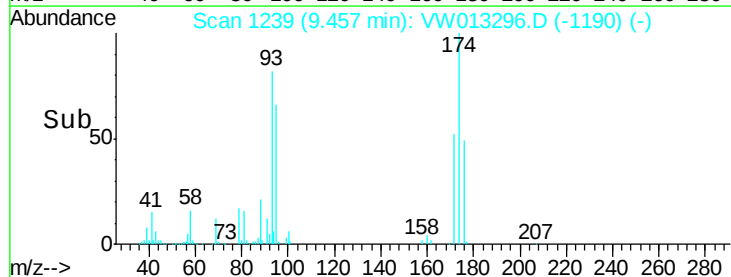
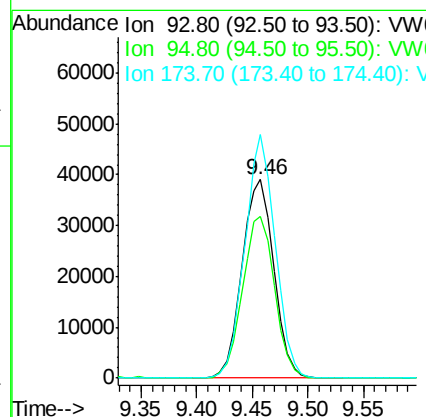
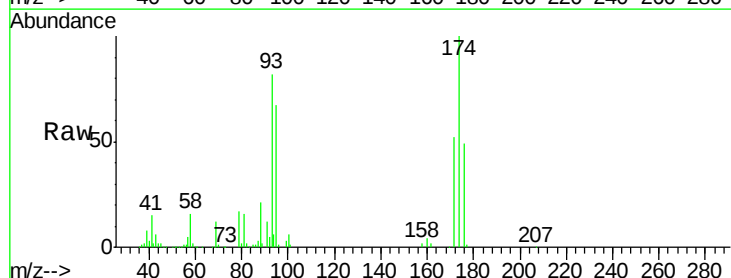
Tgt Ion: 93 Resp: 77460

Ion Ratio Lower Upper

93 100

95 82.4 66.4 99.6

174 117.0 93.0 139.6





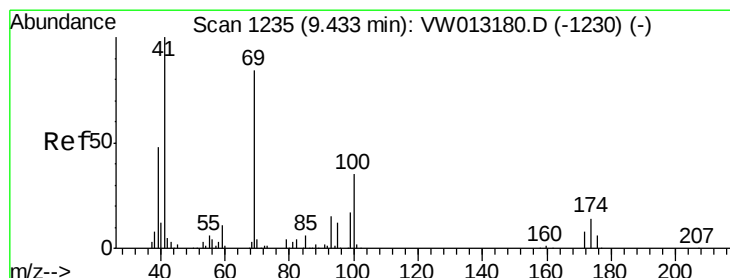
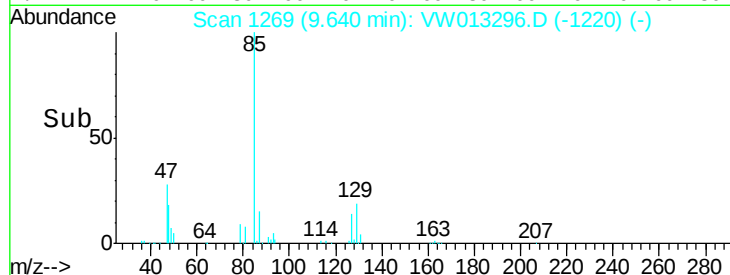
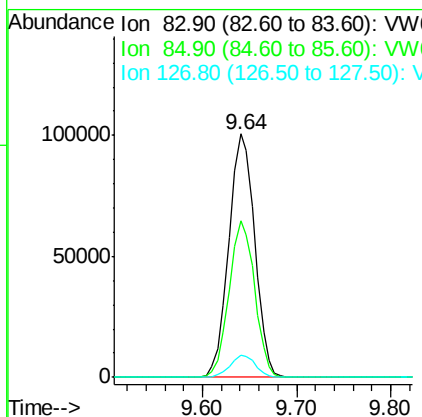
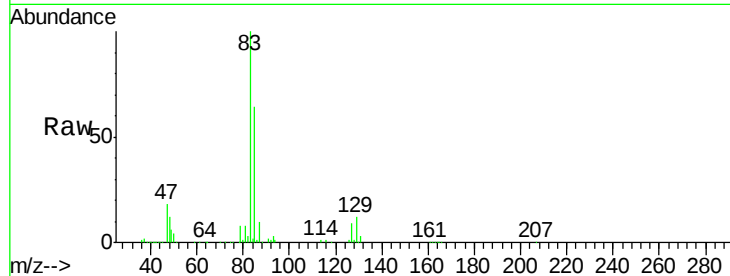
#47
Bromodichloromethane
Concen: 47.817 ug/l
RT: 9.64 min Scan# 1269
Delta R.T. -0.00 min
Lab File: VW013296.D
Acq: 25 Sep 2019 17:11

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
83	100	192315		
85	64.4	49.4	74.2	
127	8.9	6.5	9.7	

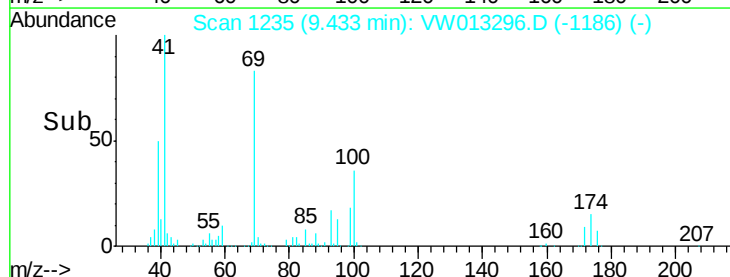
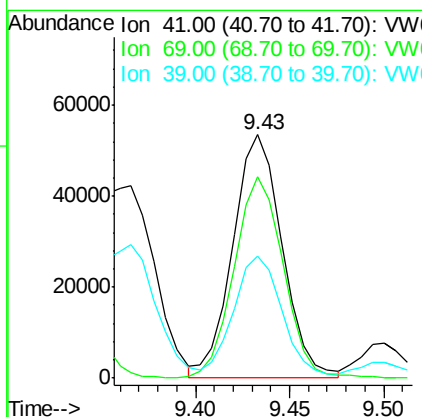
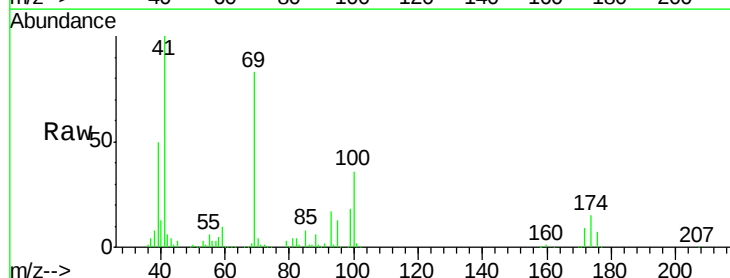
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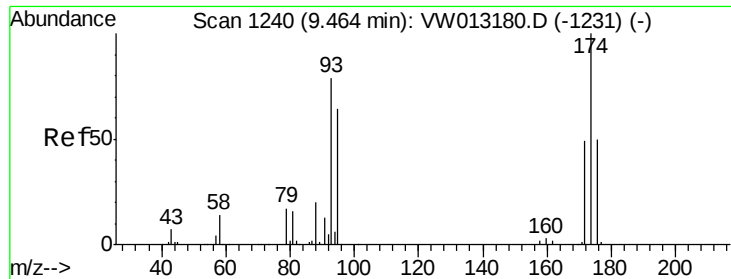
MMDadoda
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#48
Methyl methacrylate
Concen: 53.136 ug/l
RT: 9.43 min Scan# 1235
Delta R.T. -0.00 min
Lab File: VW013296.D
Acq: 25 Sep 2019 17:11

Tgt Ion	Ratio	Resp	Lower	Upper
41	100	97298		
69	82.3	69.7	104.5	
39	45.8	41.1	61.7	





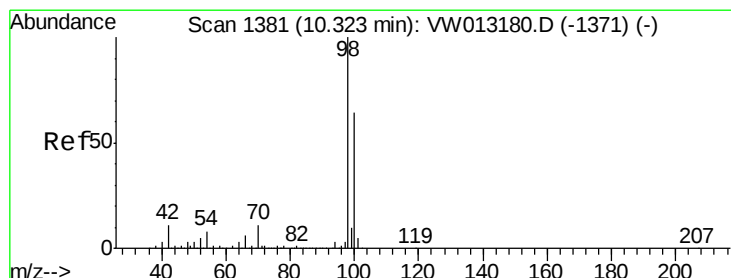
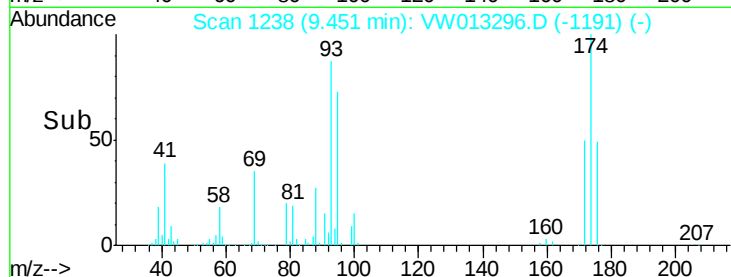
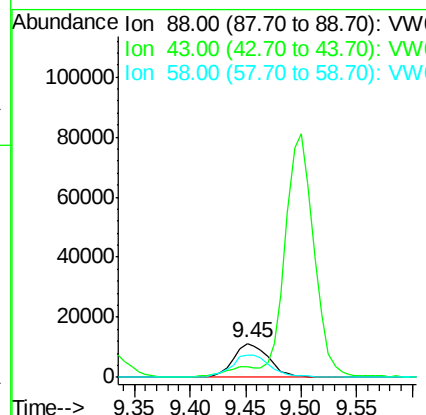
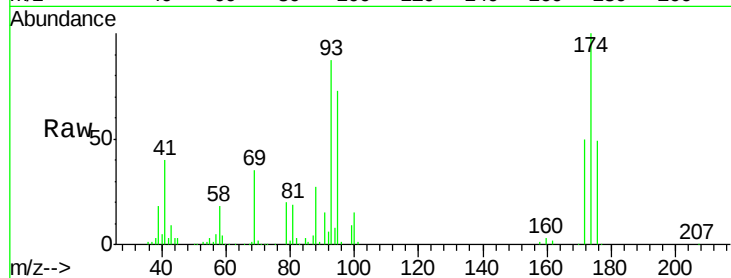
#49
1,4-Dioxane
Concen: 1056.744 ug/l
RT: 9.45 min Scan# 1238
Delta R.T. -0.01 min
Lab File: VW013296.D
Acq: 25 Sep 2019 17:11

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	88	Resp	25072
Ion	Ratio	Lower	Upper
88	100		
43	26.2	0.0	0.0#
58	73.6	65.4	98.0

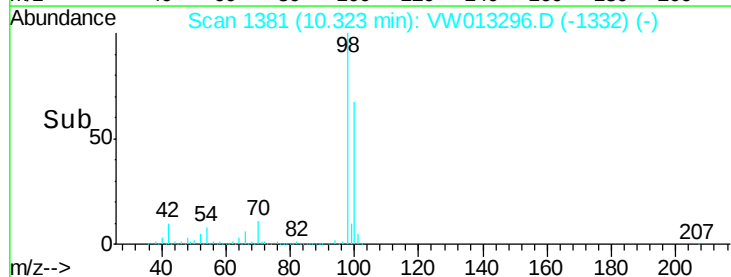
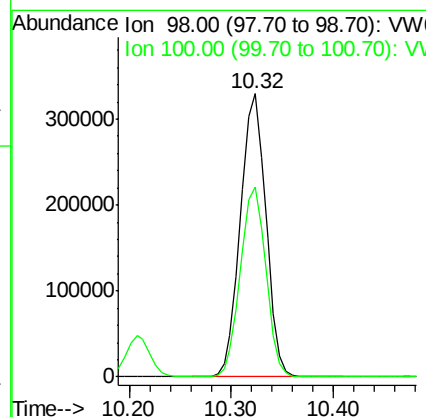
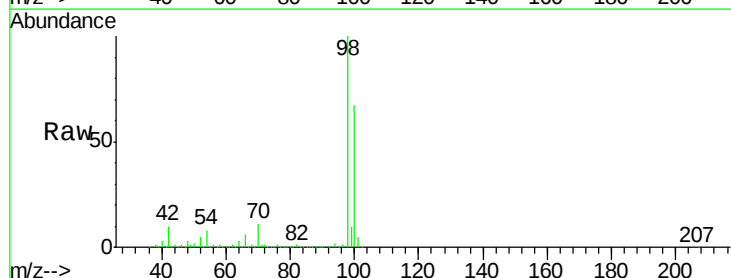
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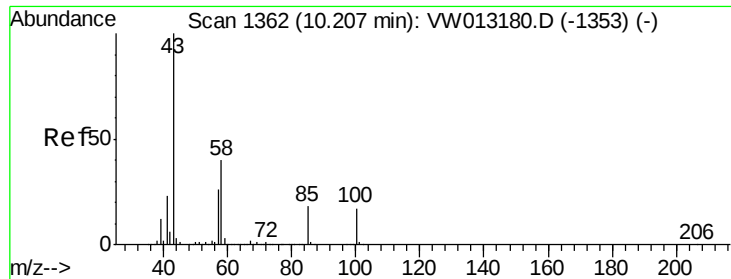
MMDadoda
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#50
Toluene-d8
Concen: 50.229 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW013296.D
Acq: 25 Sep 2019 17:11

Tgt Ion	98	Resp	570679
Ion	Ratio	Lower	Upper
98	100		
100	67.1	52.9	79.3





#51

4-Methyl-2-Pentanone

Concen: 250.245 ug/l

RT: 10.21 min Scan# 1362

Delta R.T. -0.00 min

Lab File: VW013296.D

Acq: 25 Sep 2019 17:11

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 488536

Ion Ratio Lower Upper

43 100

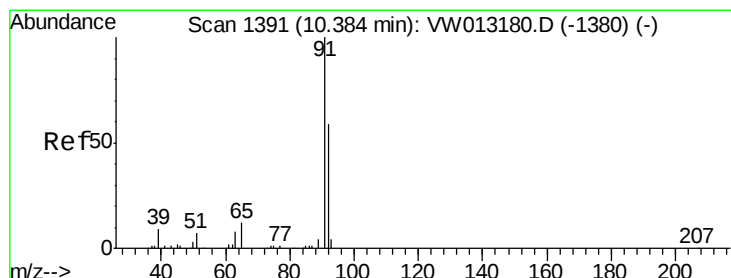
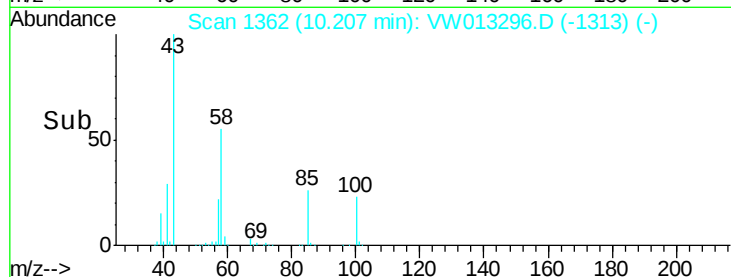
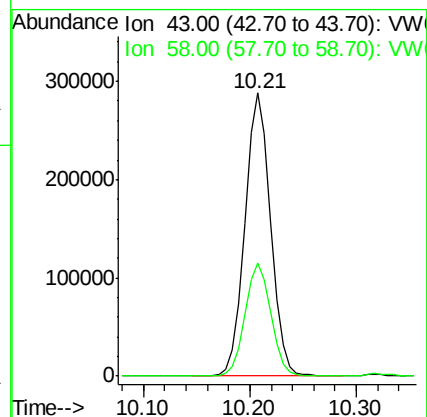
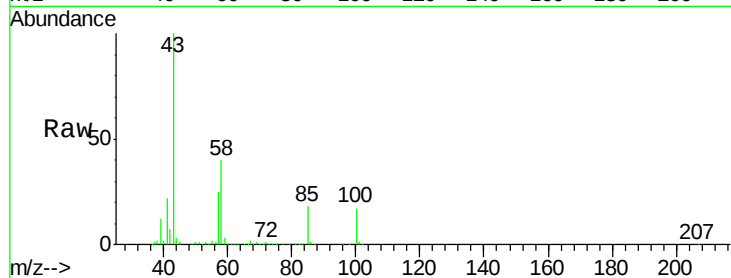
58 40.0 31.7 47.5

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#52

Toluene

Concen: 47.352 ug/l

RT: 10.38 min Scan# 1391

Delta R.T. -0.00 min

Lab File: VW013296.D

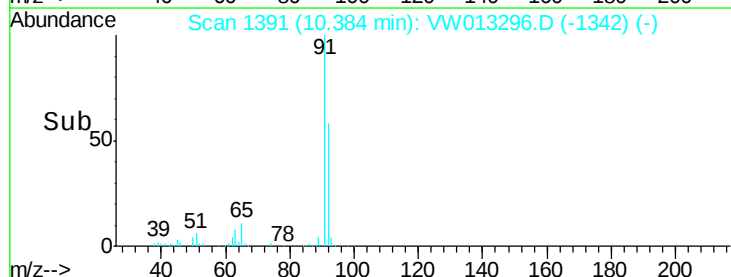
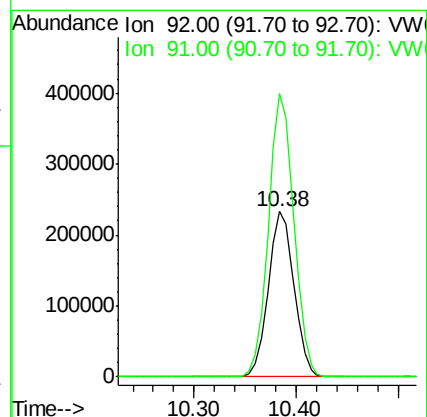
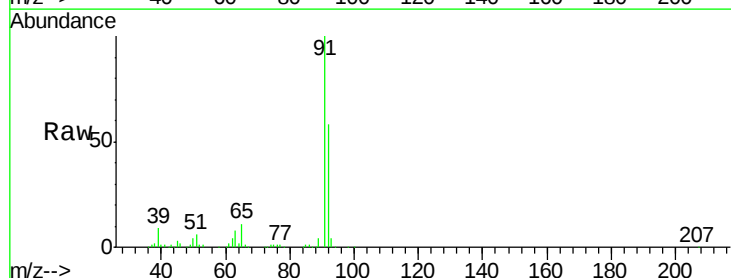
Acq: 25 Sep 2019 17:11

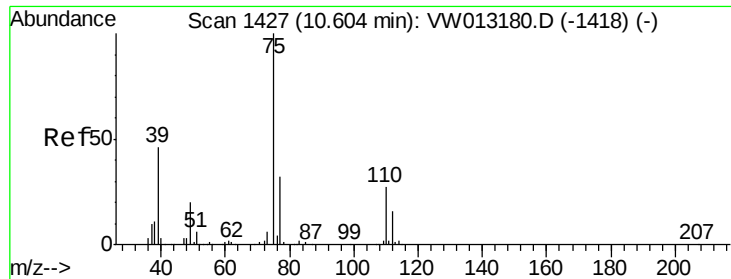
Tgt Ion: 92 Resp: 404679

Ion Ratio Lower Upper

92 100

91 170.1 135.7 203.5





#53

t-1,3-Dichloropropene

Concen: 48.586 ug/l

RT: 10.60 min Scan# 1427

Delta R.T. -0.00 min

Lab File: VW013296.D

Acq: 25 Sep 2019 17:11

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tot Ion: 75 Resp: 200762

Ion Ratio Lower Upper

75 100

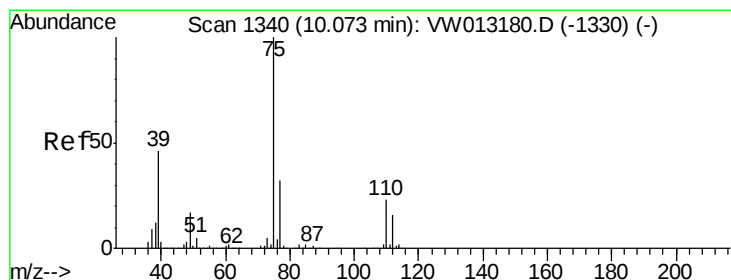
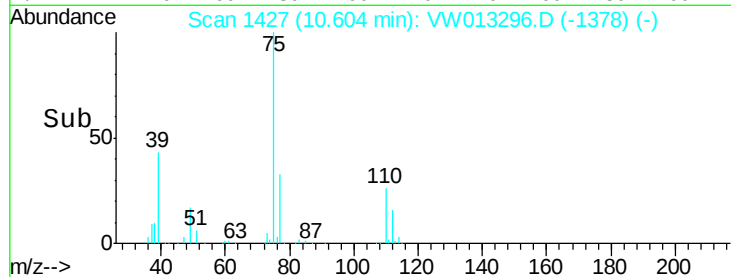
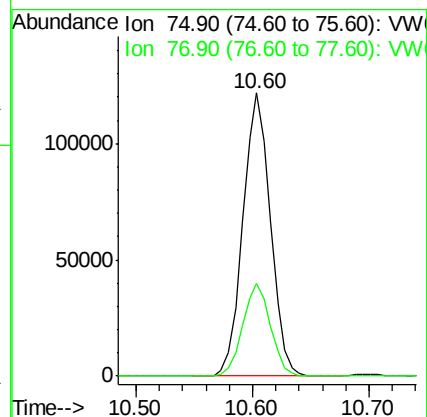
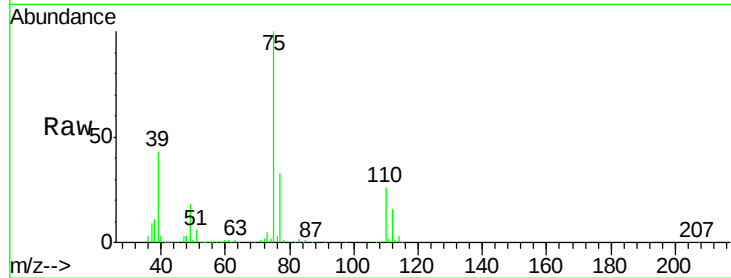
77 32.7 25.5 38.3

Manual Integrations

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#54

cis-1,3-Dichloropropene

Concen: 48.330 ug/l

RT: 10.07 min Scan# 1340

Delta R.T. -0.00 min

Lab File: VW013296.D

Acq: 25 Sep 2019 17:11

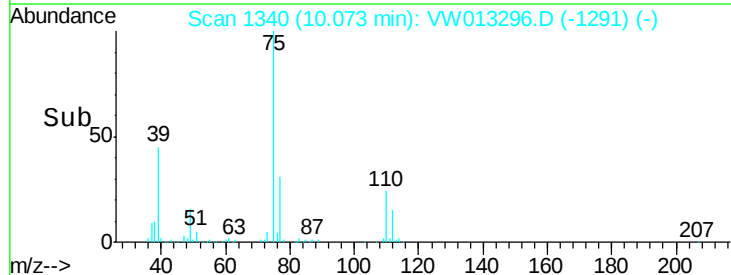
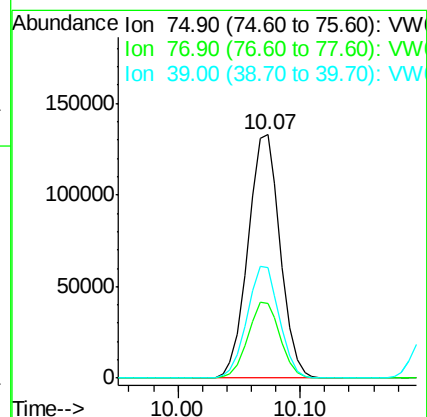
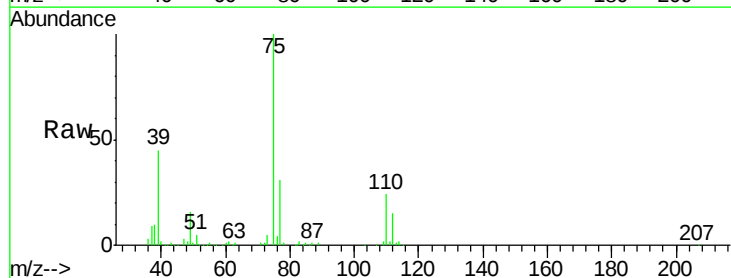
Tgt Ion: 75 Resp: 242814

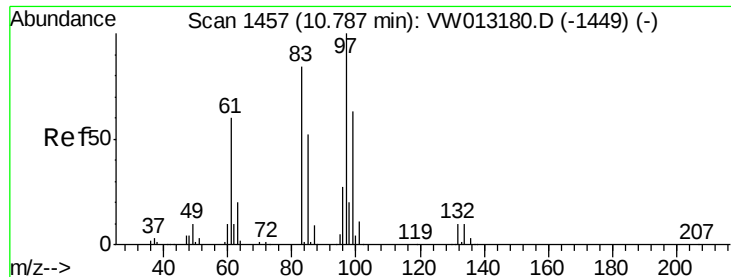
Ion Ratio Lower Upper

75 100

77 30.7 25.2 37.8

39 45.3 36.6 55.0





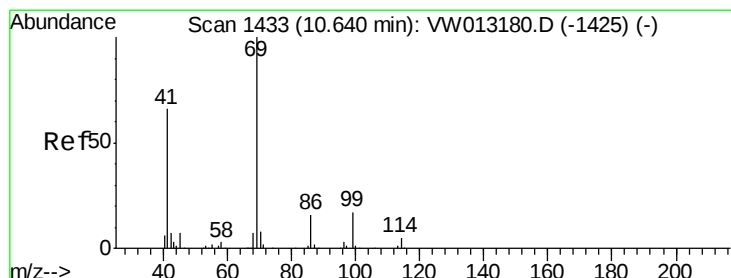
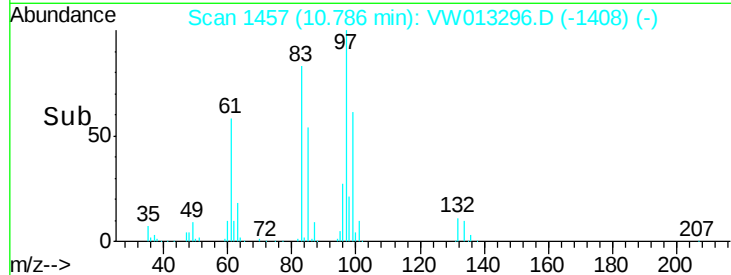
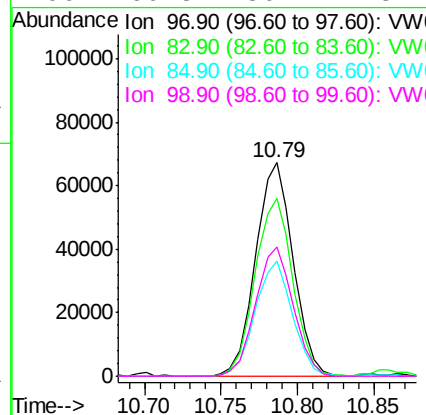
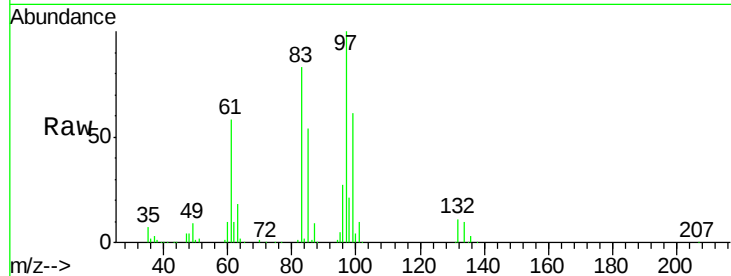
#55
 1,1,2-Trichloroethane
 Concen: 48.477 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. -0.00 min
 Lab File: VW013296.D
 Acq: 25 Sep 2019 17:11

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:	97	Resp:	114525
Ion	Ratio	Lower	Upper
97	100		
83	83.2	67.6	101.4
85	54.2	41.9	62.9
99	60.8	50.1	75.1

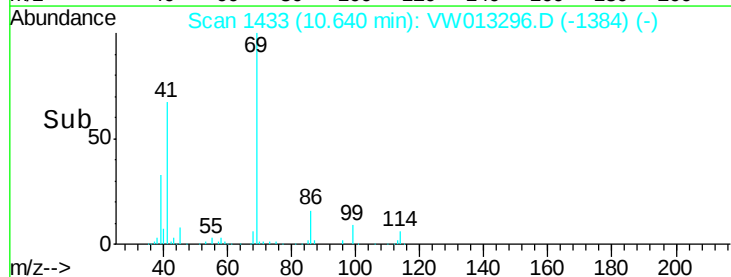
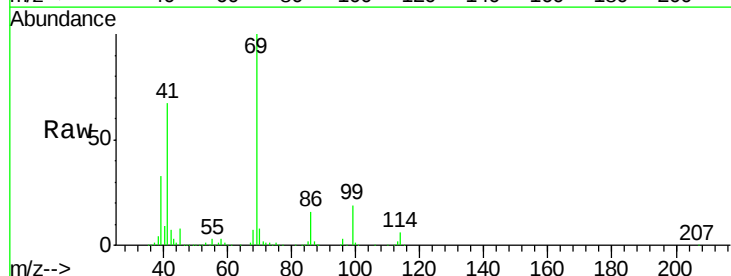
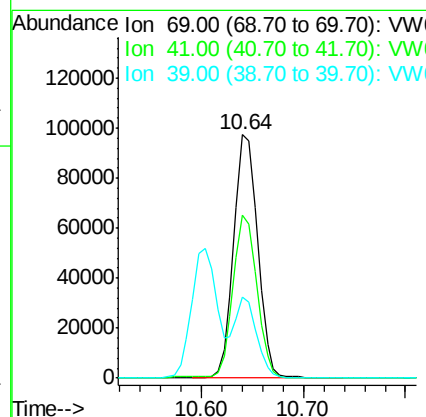
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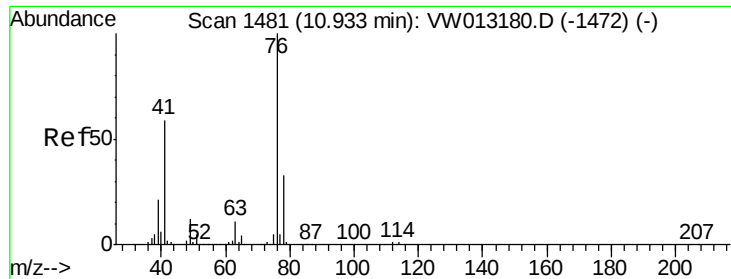
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#56
 Ethyl methacrylate
 Concen: 51.348 ug/l
 RT: 10.64 min Scan# 1433
 Delta R.T. -0.00 min
 Lab File: VW013296.D
 Acq: 25 Sep 2019 17:11

Tgt Ion:	69	Resp:	158760
Ion	Ratio	Lower	Upper
69	100		
41	65.5	53.9	80.9
39	28.2	23.8	35.6





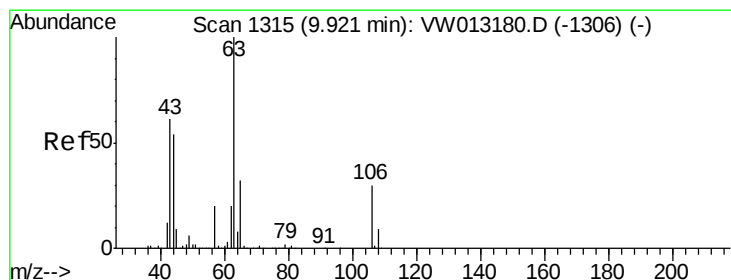
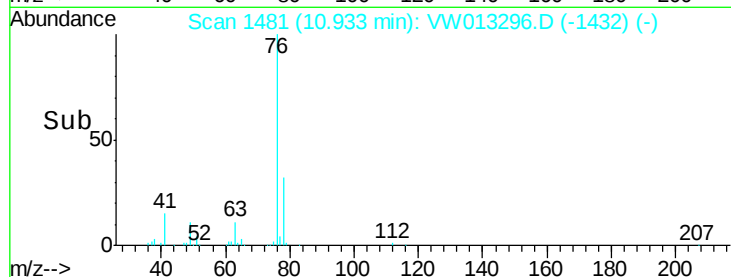
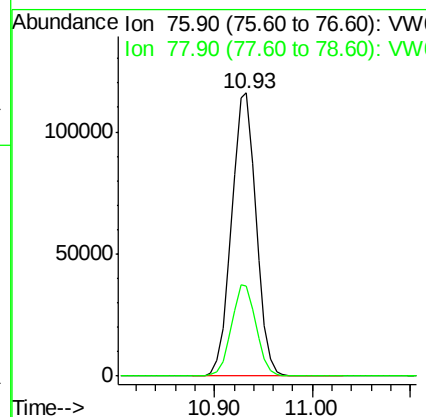
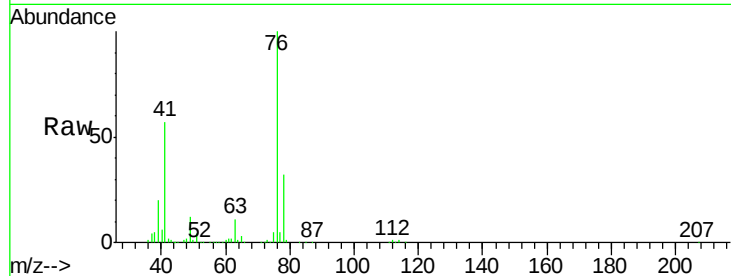
#57
 1,3-Dichloropropane
 Concen: 48.981 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. -0.00 min
 Lab File: VW013296.D
 Acq: 25 Sep 2019 17:11

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 76 Resp: 201932
 Ion Ratio Lower Upper
 76 100
 78 32.1 25.5 38.3

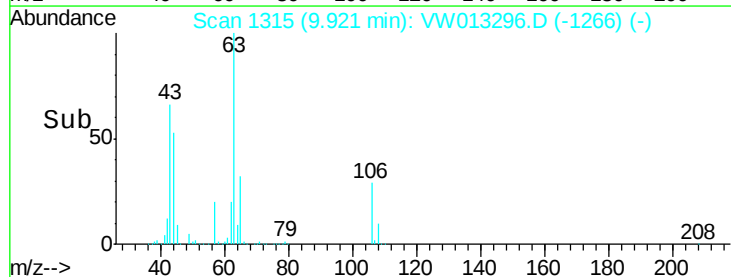
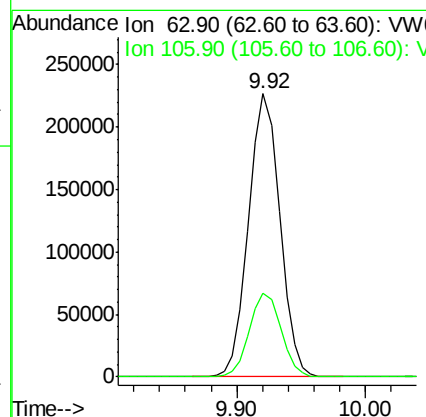
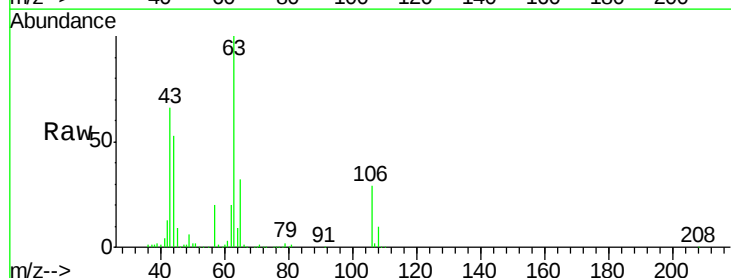
Manual Integrations
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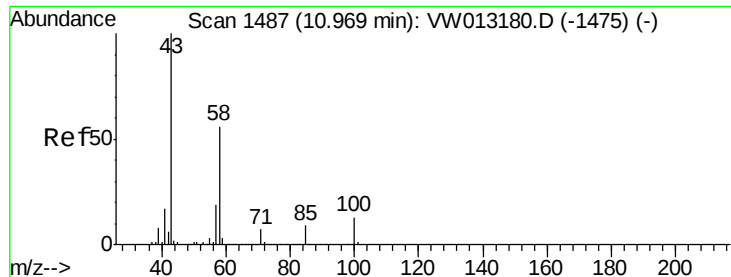
MMDadoda
 9/26/2019 3:33:21 PM



#58
 2-Chloroethyl Vinyl ether
 Concen: 266.512 ug/l
 RT: 9.92 min Scan# 1315
 Delta R.T. -0.00 min
 Lab File: VW013296.D
 Acq: 25 Sep 2019 17:11

Tgt Ion: 63 Resp: 381472
 Ion Ratio Lower Upper
 63 100
 106 29.8 23.4 35.0





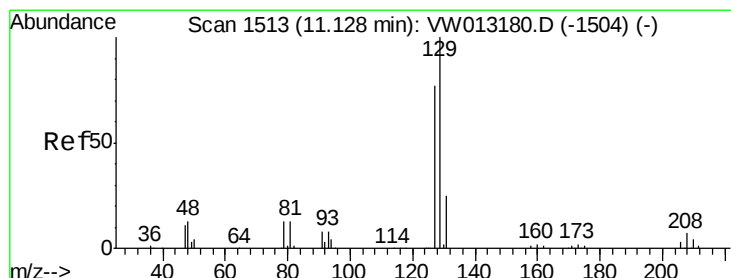
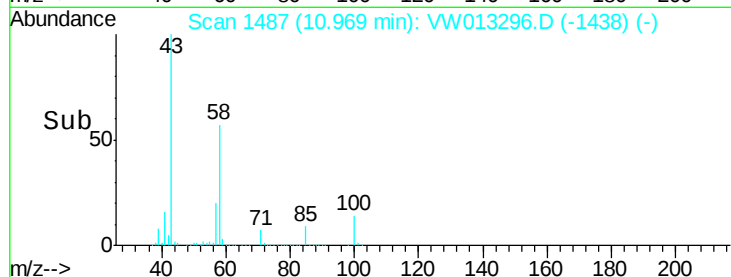
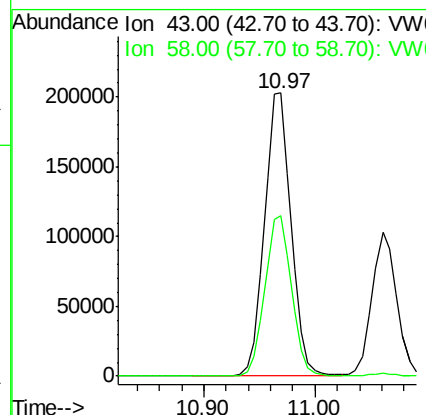
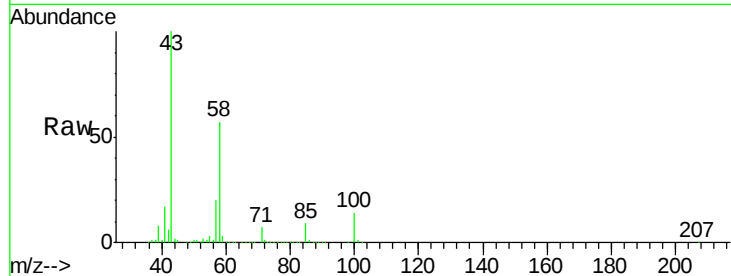
#59
2-Hexanone
Concen: 252.370 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VW013296.D
Acq: 25 Sep 2019 17:11

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 338965
Ion Ratio Lower Upper
43 100
58 56.8 28.1 84.2

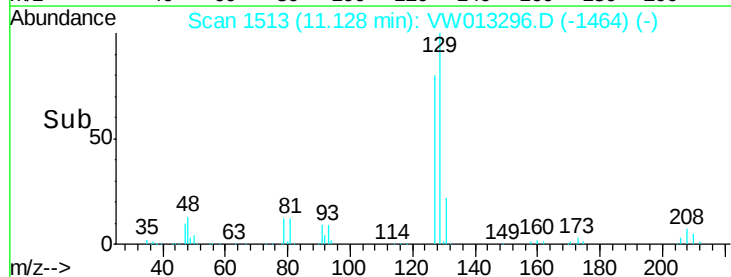
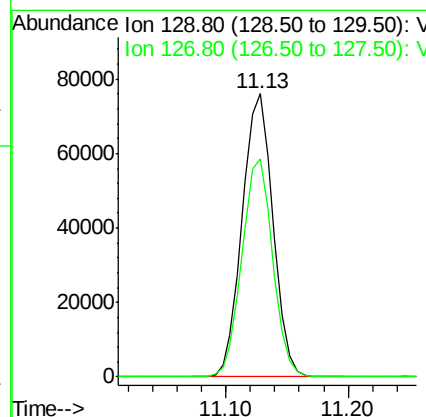
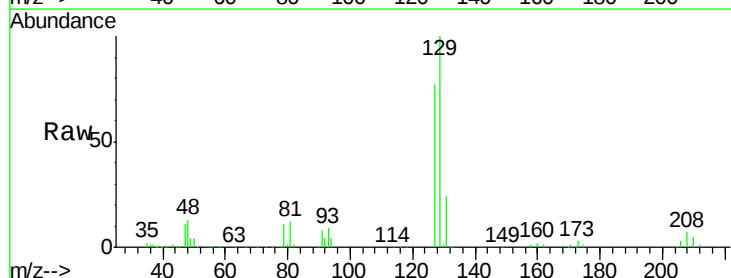
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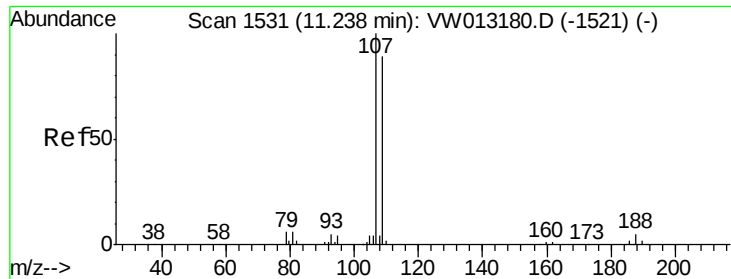
MMDadoda
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#60
Dibromochloromethane
Concen: 49.401 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VW013296.D
Acq: 25 Sep 2019 17:11

Tgt Ion: 129 Resp: 132522
Ion Ratio Lower Upper
129 100
127 76.8 38.8 116.4





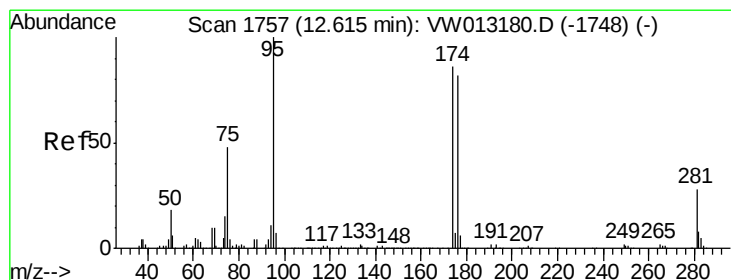
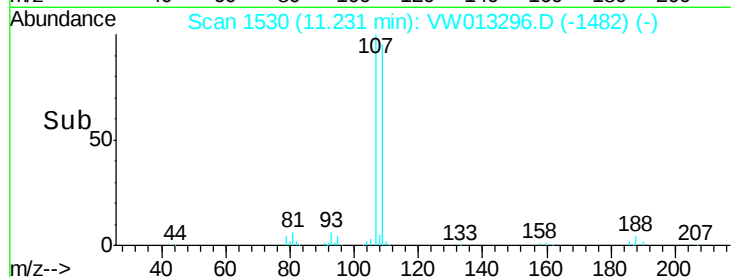
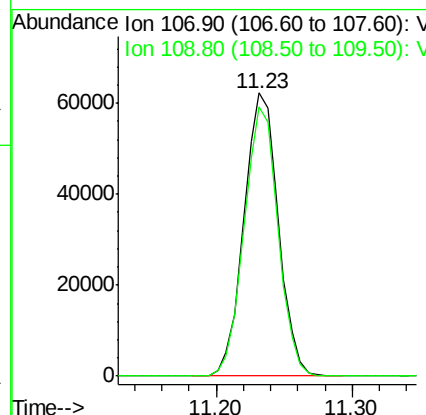
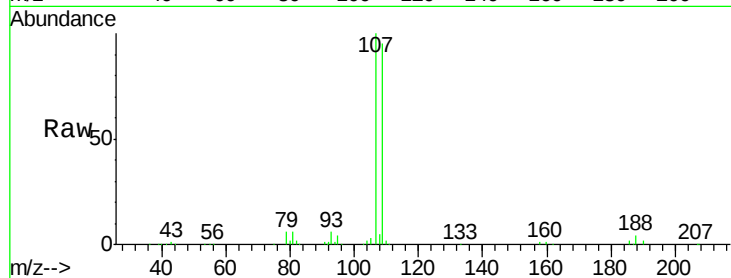
#61
 1,2-Dibromoethane
 Concen: 48.973 ug/l
 RT: 11.23 min Scan# 1530
 Delta R.T. -0.01 min
 Lab File: VW013296.D
 Acq: 25 Sep 2019 17:11

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
107	100		
109	94.0	75.2	112.8

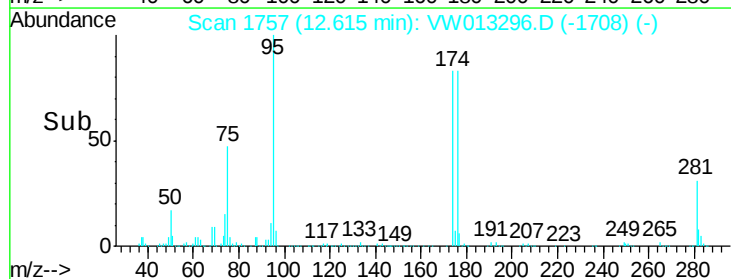
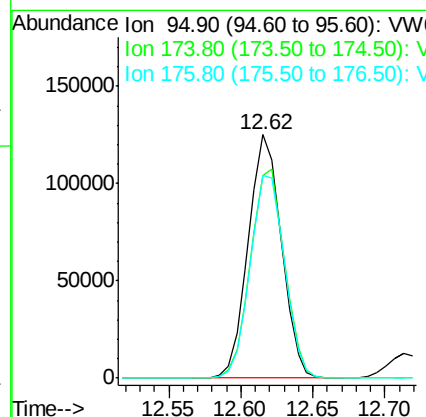
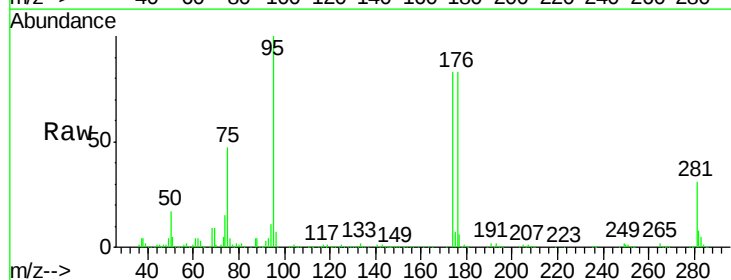
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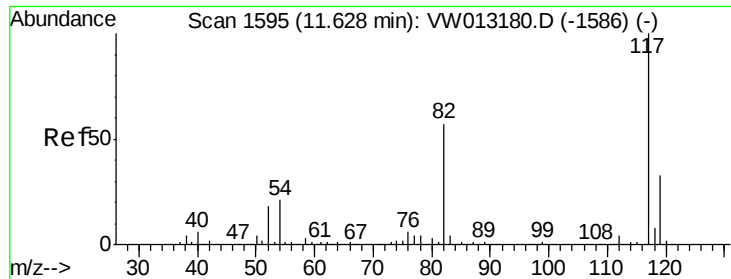
MMDadoda
 9/26/2019 3:33:21 PM



#62
 4-Bromofluorobenzene
 Concen: 51.229 ug/l
 RT: 12.62 min Scan# 1757
 Delta R.T. -0.00 min
 Lab File: VW013296.D
 Acq: 25 Sep 2019 17:11

Tgt Ion	Ratio	Lower	Upper
95	100		
174	88.4	0.0	178.4
176	86.4	0.0	172.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.63 min Scan# 1595

Delta R.T. -0.00 min

Lab File: VW013296.D

Acq: 25 Sep 2019 17:11

Instrument :

MSVOA_W

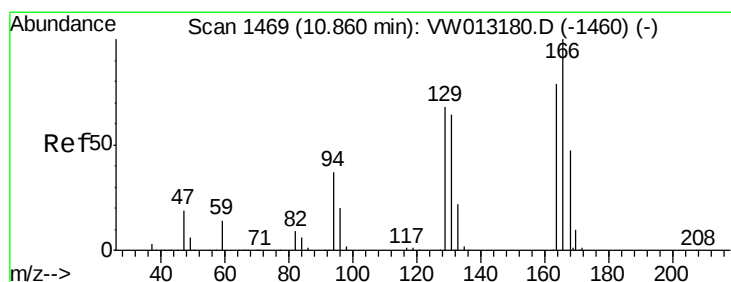
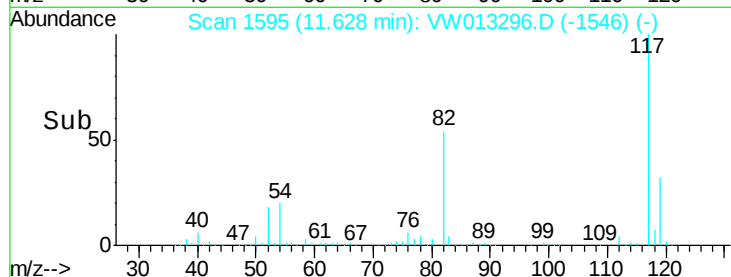
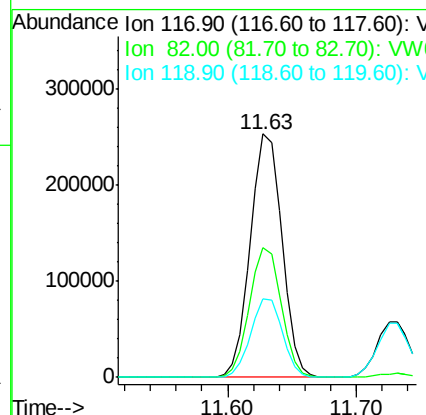
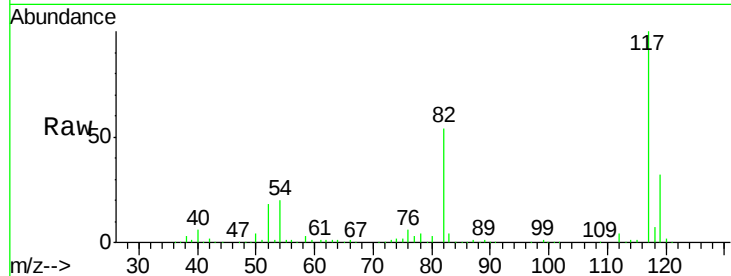
ClientSampleId :

VSTDCCC050EC

Tot Ion:	117	Resp:	430491
Ion Ratio	Lower	Upper	
117	100		
82	53.5	45.9	68.9
119	32.1	26.2	39.2

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#64

Tetrachloroethene

Concen: 46.655 ug/l

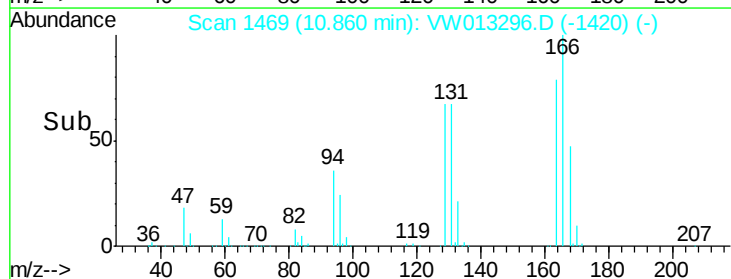
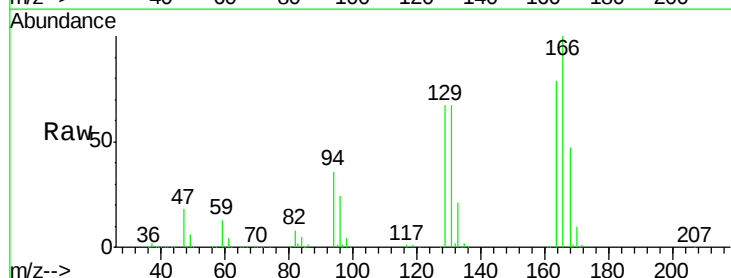
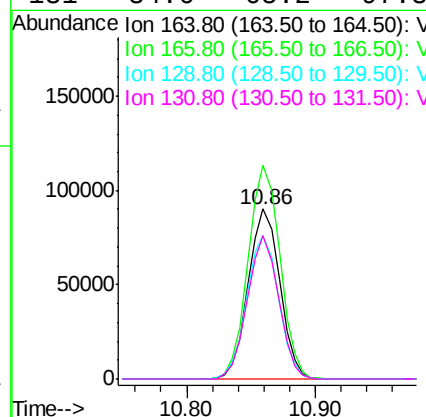
RT: 10.86 min Scan# 1469

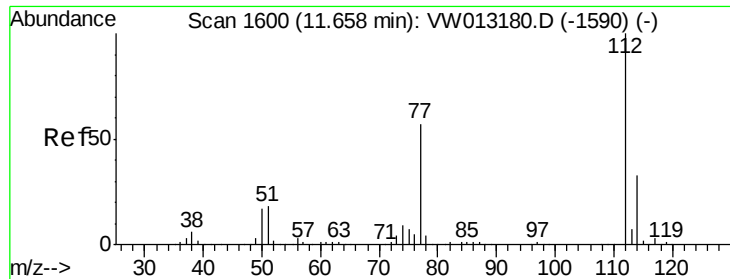
Delta R.T. -0.00 min

Lab File: VW013296.D

Acq: 25 Sep 2019 17:11

Tgt Ion:	164	Resp:	152390
Ion Ratio	Lower	Upper	
164	100		
166	125.8	101.2	151.8
129	84.5	68.8	103.2
131	84.6	65.2	97.8





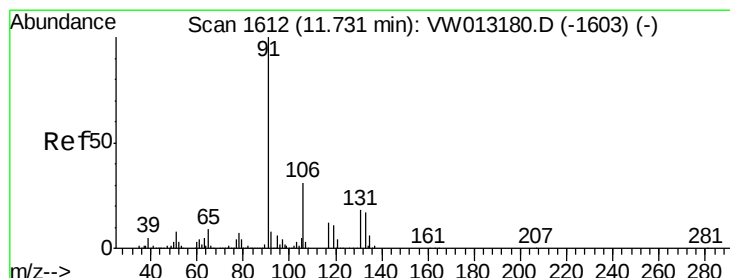
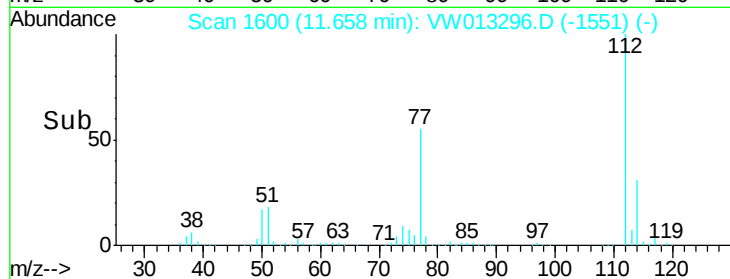
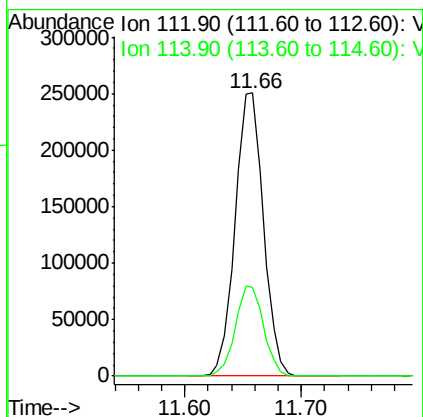
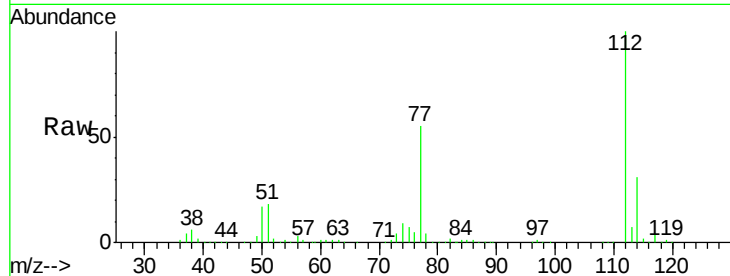
#65
Chlorobenzene
Concen: 47.324 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VW013296.D
Acq: 25 Sep 2019 17:11

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion:112 Resp: 425422
Ion Ratio Lower Upper
112 100
114 31.2 26.5 39.7

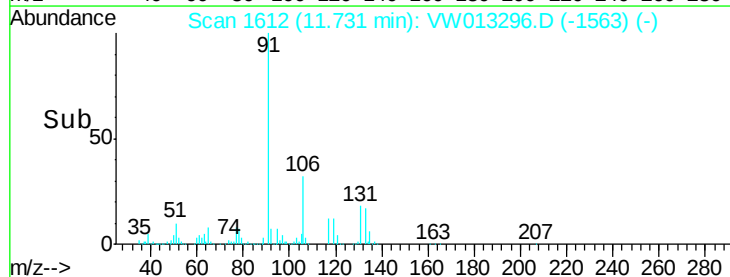
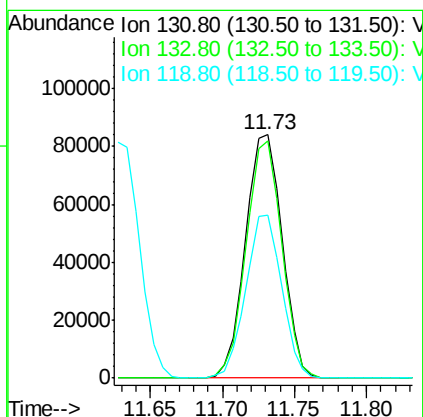
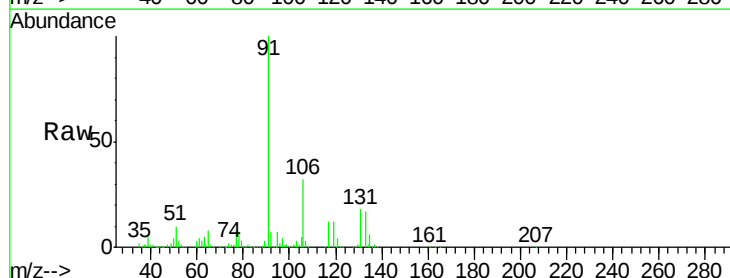
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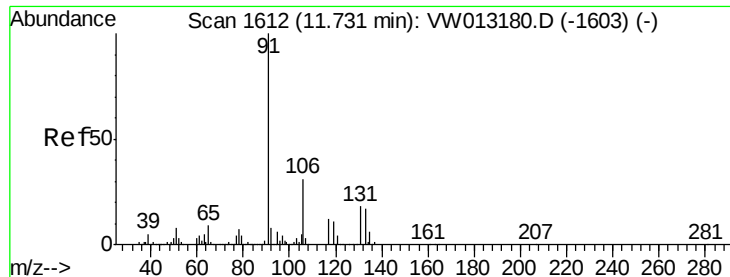
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#66
1,1,1,2-Tetrachloroethane
Concen: 48.297 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW013296.D
Acq: 25 Sep 2019 17:11

Tgt Ion:131 Resp: 148326
Ion Ratio Lower Upper
131 100
133 94.8 47.5 142.6
119 65.4 32.5 97.5





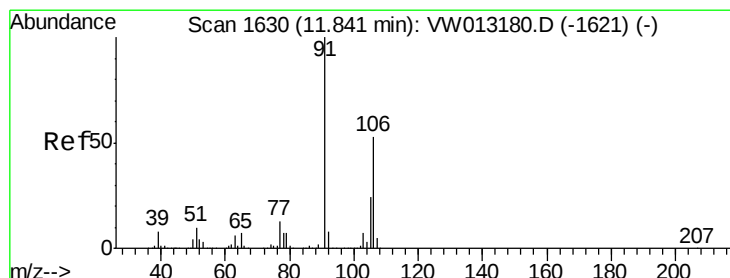
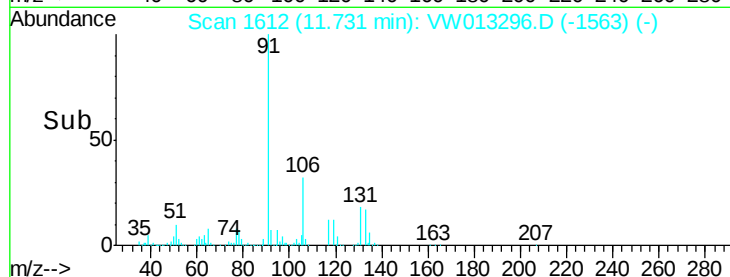
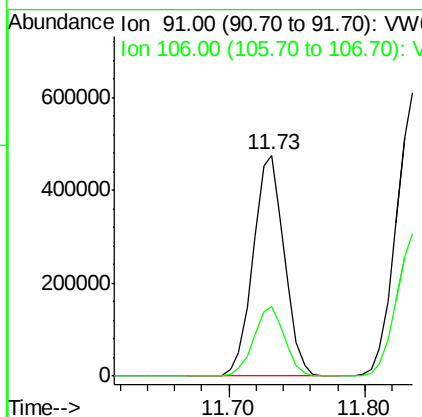
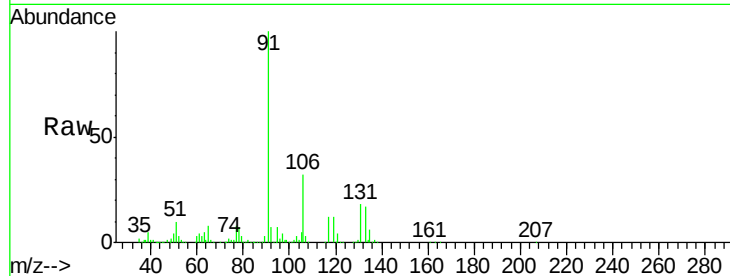
#67
Ethyl Benzene
Concen: 46.988 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW013296.D
Acq: 25 Sep 2019 17:11

Instrument :
MSVOA_W
ClientSampleID :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
91	100		
106	31.7	24.9	37.3

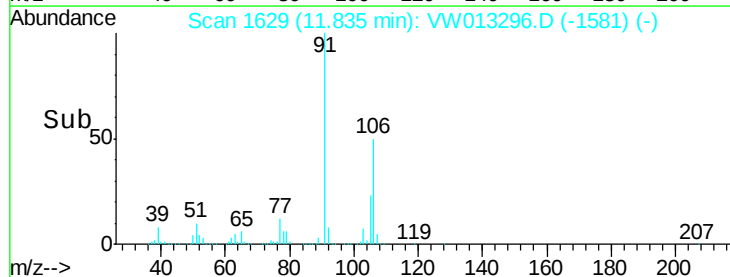
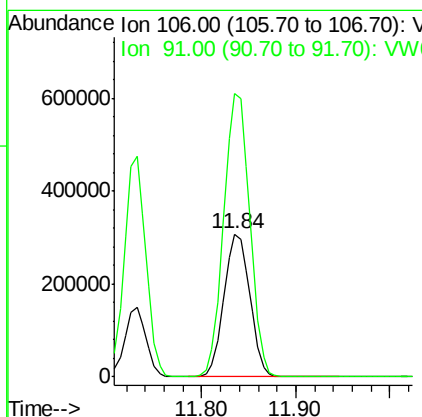
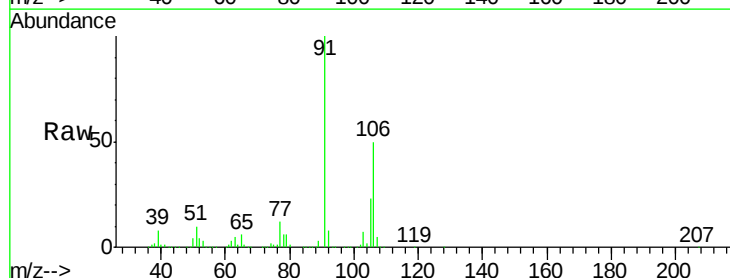
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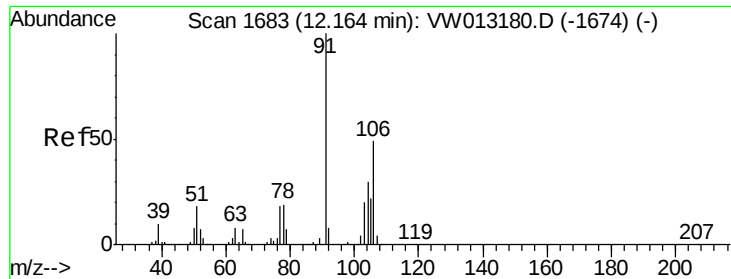
MMDadoda
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#68
m/p-Xylenes
Concen: 94.650 ug/l
RT: 11.84 min Scan# 1629
Delta R.T. -0.01 min
Lab File: VW013296.D
Acq: 25 Sep 2019 17:11

Tgt Ion	Ratio	Lower	Upper
106	100		
91	198.9	157.9	236.9





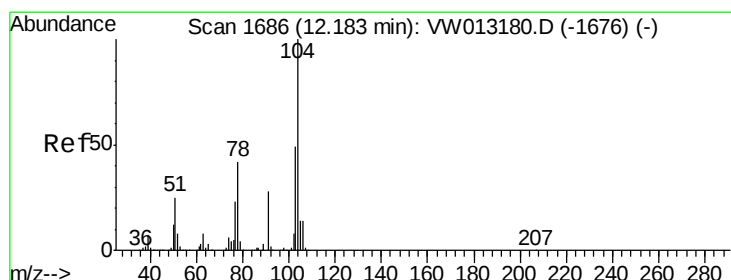
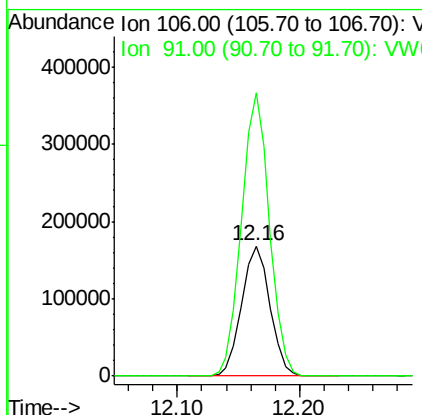
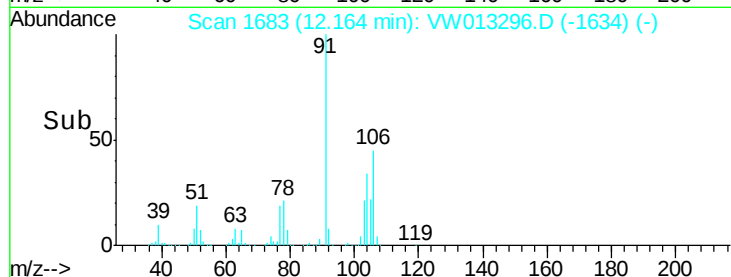
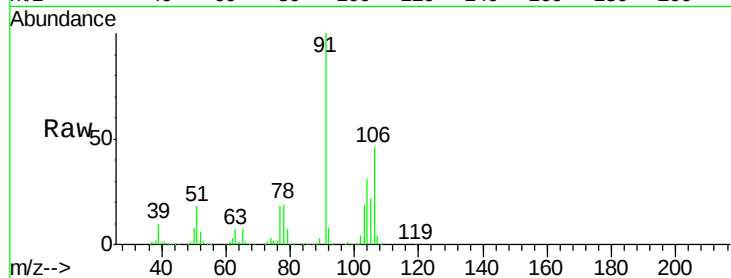
#69
o-Xylene
Concen: 46.929 ug/l
RT: 12.16 min Scan# 1683
Delta R.T. -0.00 min
Lab File: VW013296.D
Acq: 25 Sep 2019 17:11

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ion	Ratio	Resp	Lower	Upper
106	100		270804		
91	213.7	106.5	319.5		

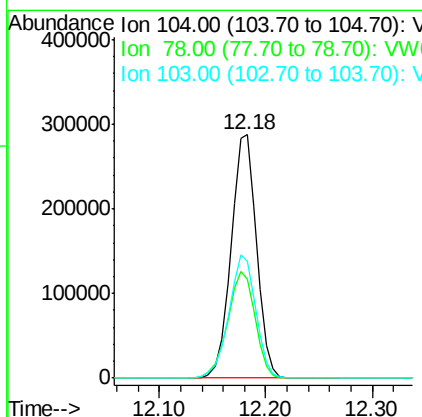
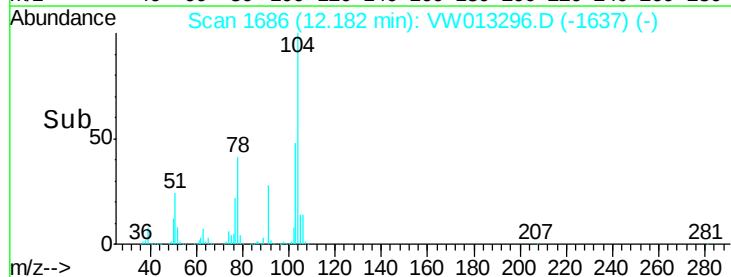
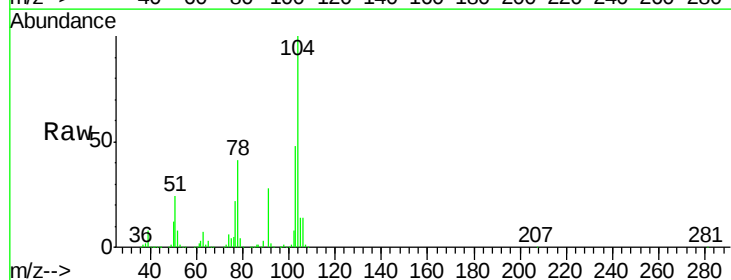
Manual Integrations
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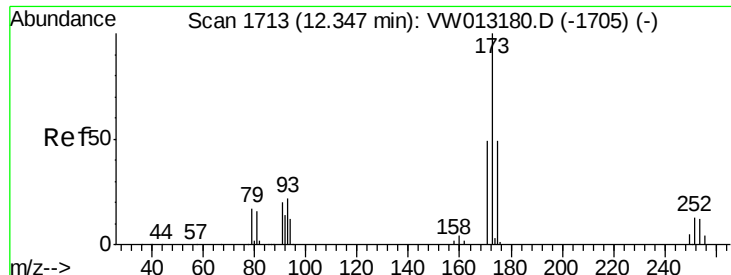
MMDadoda
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#70
Styrene
Concen: 48.652 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. -0.00 min
Lab File: VW013296.D
Acq: 25 Sep 2019 17:11

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
104	100		481986		
78	47.3	38.4	57.6		
103	53.4	43.3	64.9		





#71

Bromoform

Concen: 48.440 ug/l

RT: 12.35 min Scan# 1713

Delta R.T. -0.00 min

Lab File: VW013296.D

Acq: 25 Sep 2019 17:11

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tot Ion:173 Resp: 78593

Ion Ratio Lower Upper

173 100

175 50.5 24.3 73.0

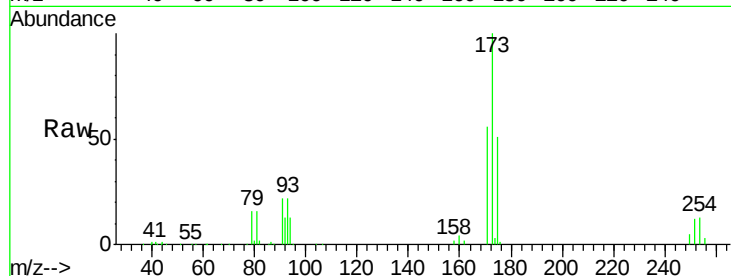
254 0.2 0.1 0.1#

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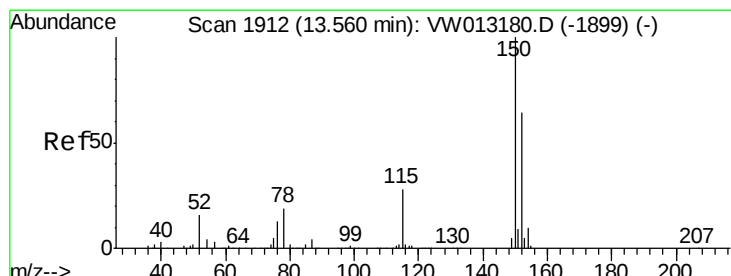
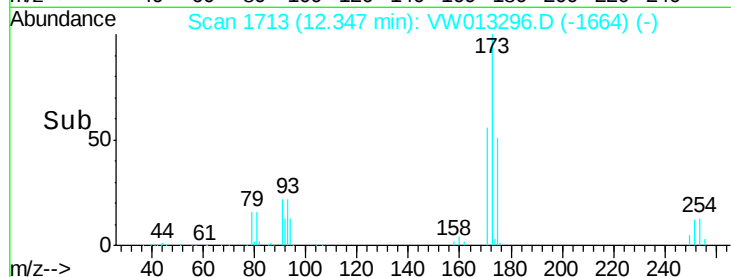
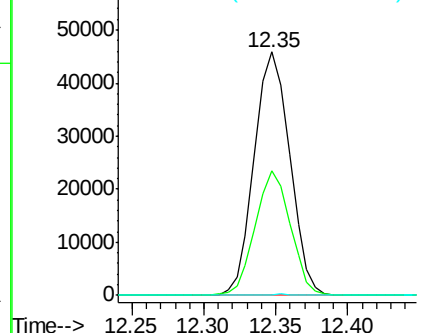
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Abundance Ion 172.70 (172.40 to 173.40): V

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: VW013296.D

Acq: 25 Sep 2019 17:11

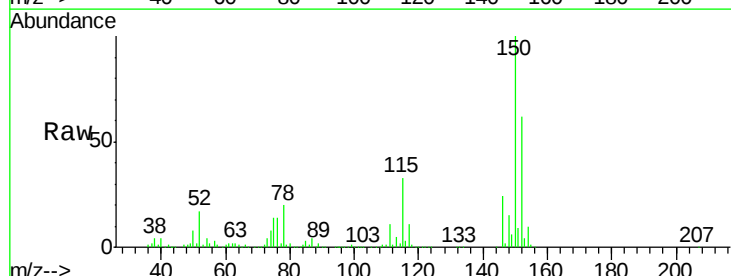
Tgt Ion:152 Resp: 220150

Ion Ratio Lower Upper

152 100

115 54.3 27.3 81.9

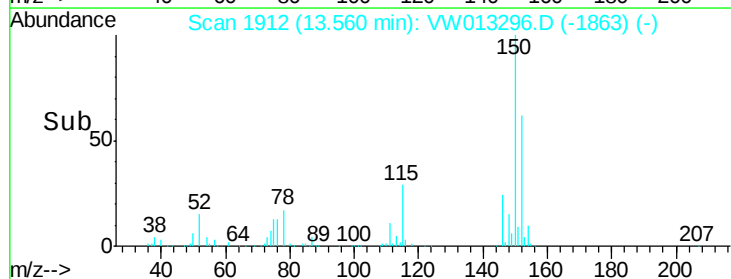
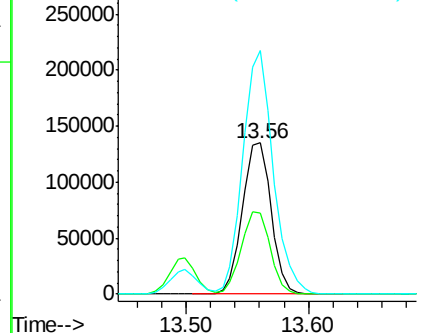
150 169.4 0.0 349.0

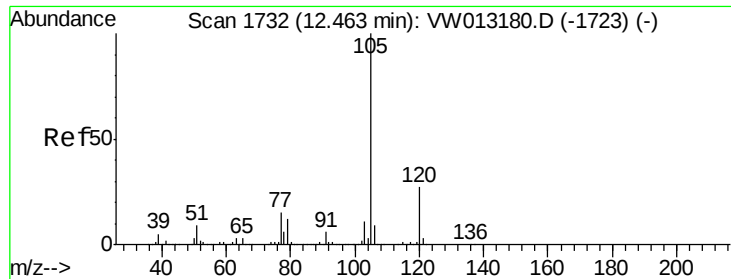


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





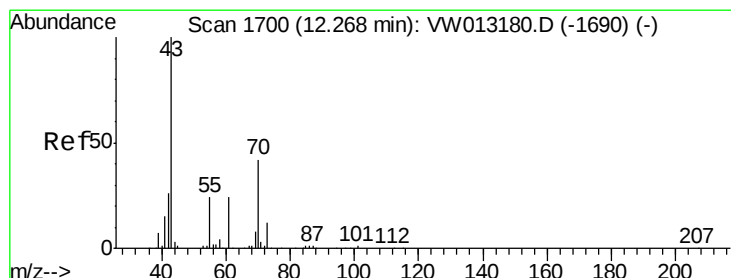
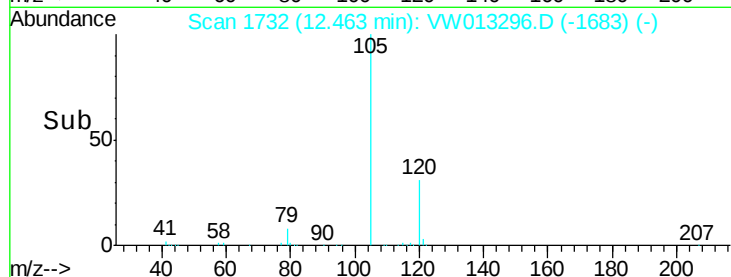
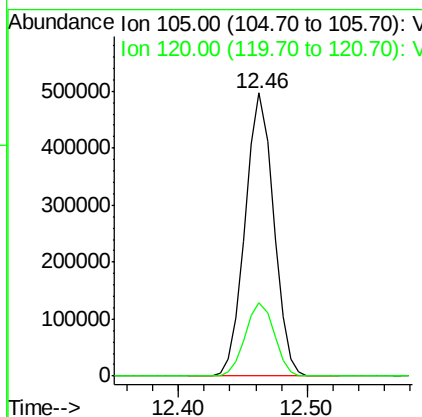
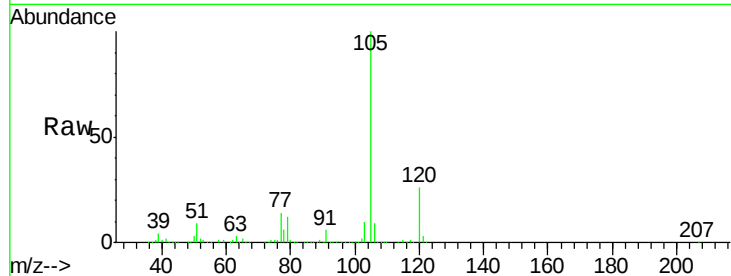
#73
Isopropylbenzene
Concen: 46.504 ug/l
RT: 12.46 min Scan# 1732
Delta R.T. -0.00 min
Lab File: VW013296.D
Acq: 25 Sep 2019 17:11

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
105	100		
120	26.7	13.4	40.1

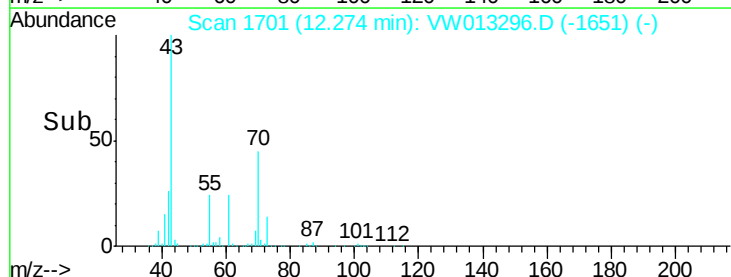
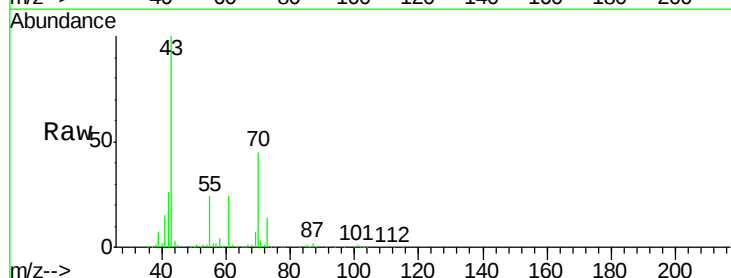
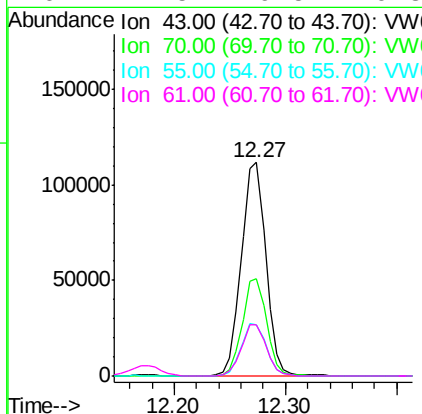
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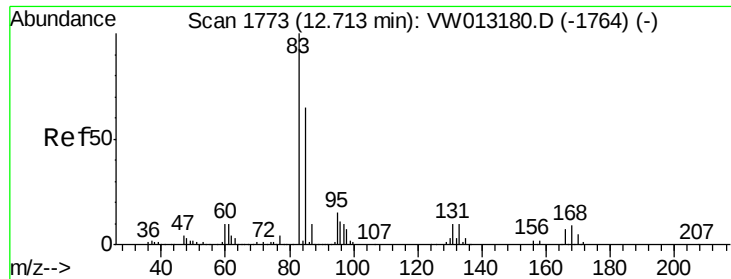
MMDadoda
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#74
N-ethyl acetate
Concen: 47.645 ug/l
RT: 12.27 min Scan# 1701
Delta R.T. 0.01 min
Lab File: VW013296.D
Acq: 25 Sep 2019 17:11

Tgt Ion	Ratio	Lower	Upper
43	100		
70	45.3	35.1	52.7
55	25.0	19.9	29.9
61	24.5	19.5	29.3





#75

1,1,2,2-Tetrachloroethane

Concen: 47.893 ug/l

RT: 12.71 min Scan# 1773

Delta R.T. -0.00 min

Lab File: VW013296.D

Acq: 25 Sep 2019 17:11

Instrument :

MSVOA_W

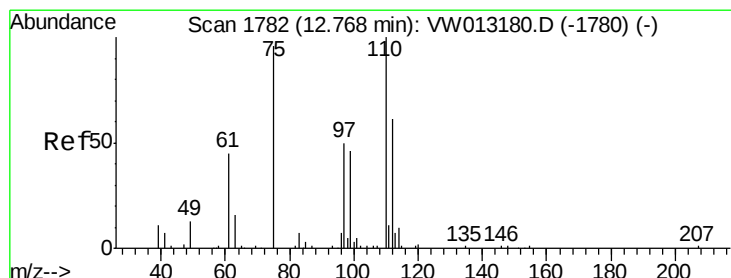
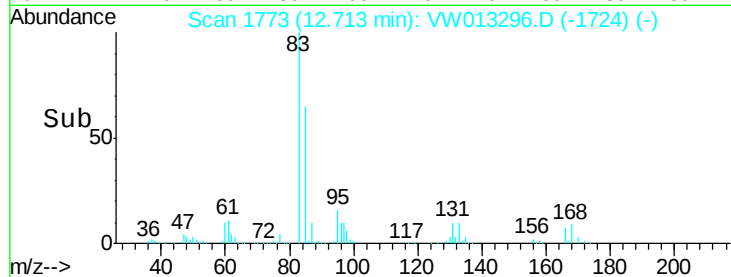
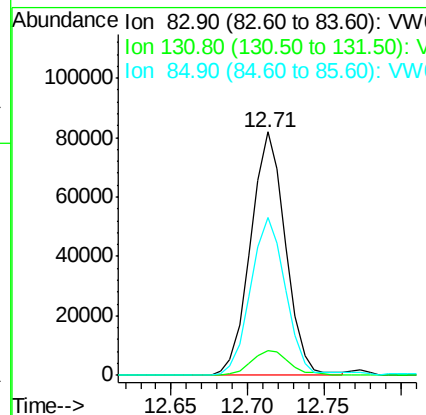
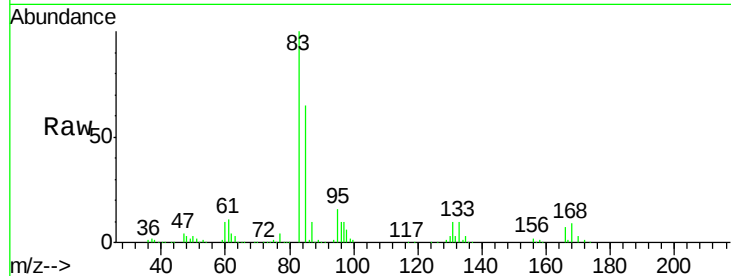
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	130259
Ion Ratio	Lower	Upper	
83	100		
131	11.3	5.4	16.2
85	64.6	31.9	95.9

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 52.500 ug/l m

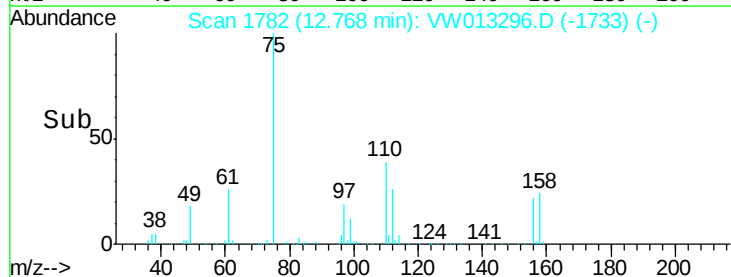
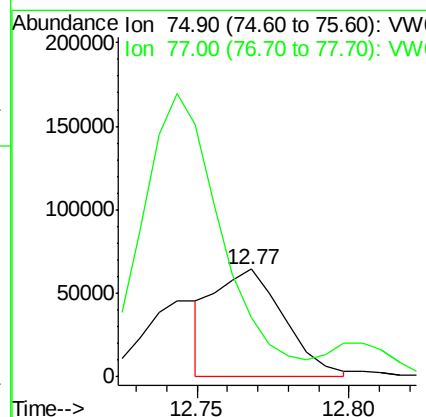
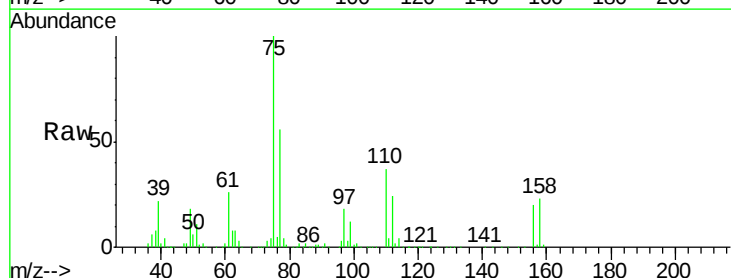
RT: 12.77 min Scan# 1782

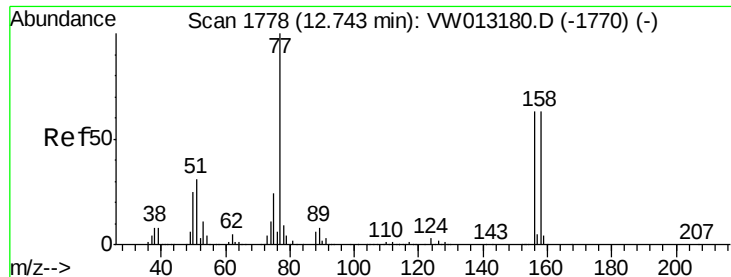
Delta R.T. -0.00 min

Lab File: VW013296.D

Acq: 25 Sep 2019 17:11

Tgt Ion:	75	Resp:	102071
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 46.960 ug/l

RT: 12.74 min Scan# 1778

Delta R.T. -0.00 min

Lab File: VW013296.D

Acq: 25 Sep 2019 17:11

Instrument :

MSVOA_W

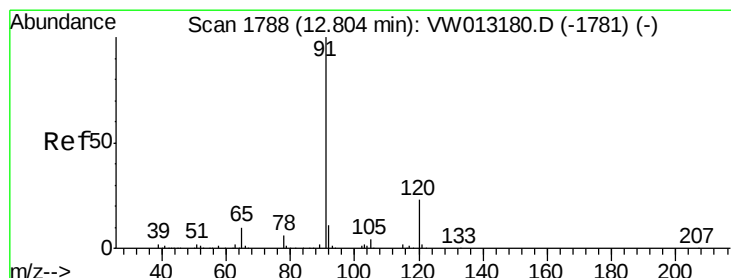
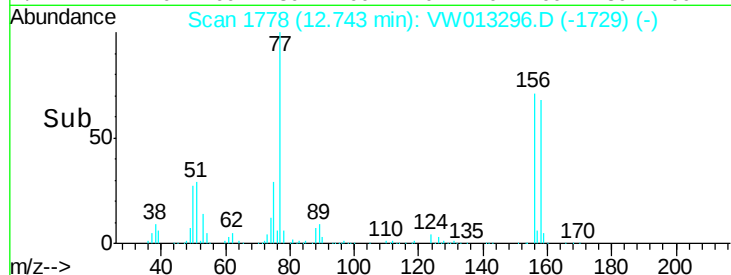
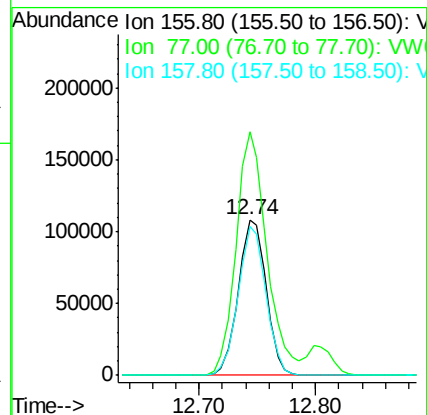
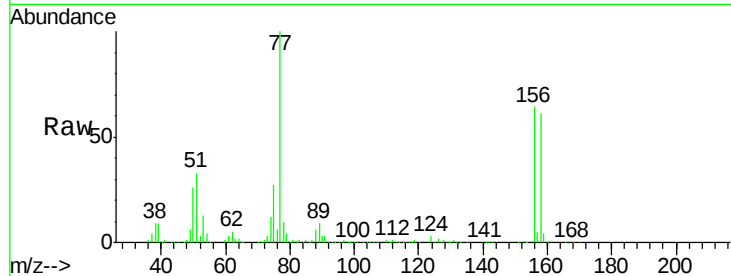
ClientSampleId :

VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
156	100		
77	172.5	85.7	257.1
158	94.9	48.1	144.4

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#78

n-propylbenzene

Concen: 46.010 ug/l

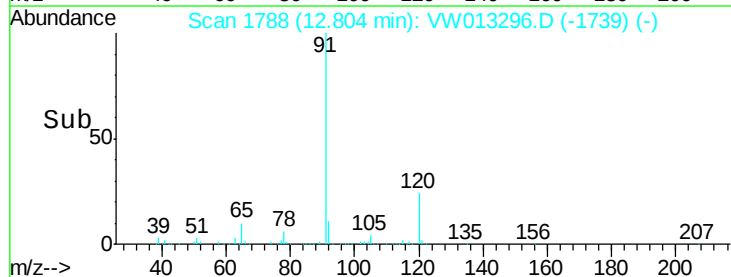
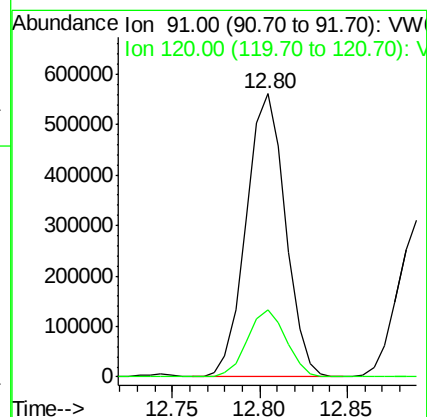
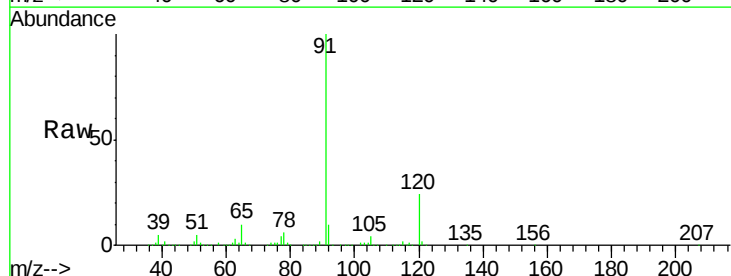
RT: 12.80 min Scan# 1788

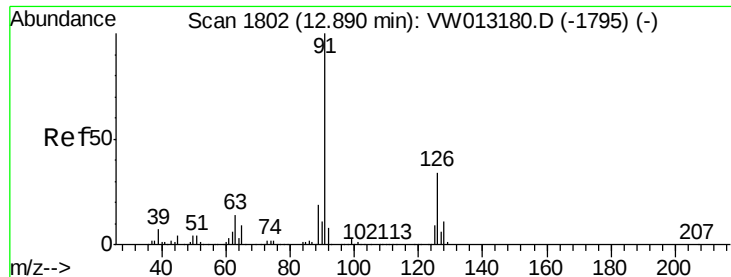
Delta R.T. -0.00 min

Lab File: VW013296.D

Acq: 25 Sep 2019 17:11

Tgt Ion	Ratio	Lower	Upper
91	100		
120	23.4	11.7	35.1





#79

2-Chlorotoluene

Concen: 46.347 ug/l

RT: 12.89 min Scan# 1802

Delta R.T. -0.00 min

Lab File: VW013296.D

Acq: 25 Sep 2019 17:11

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tot Ion: 91 Resp: 494271

Ion Ratio Lower Upper

91 100

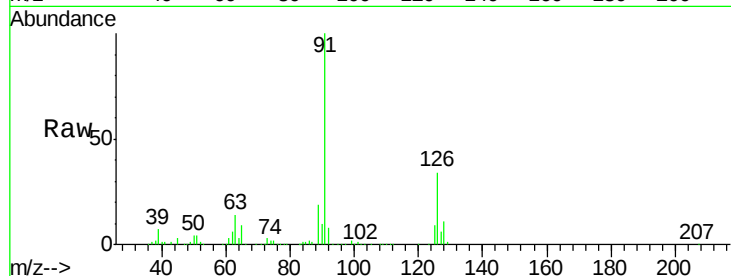
126 34.6 17.2 51.5

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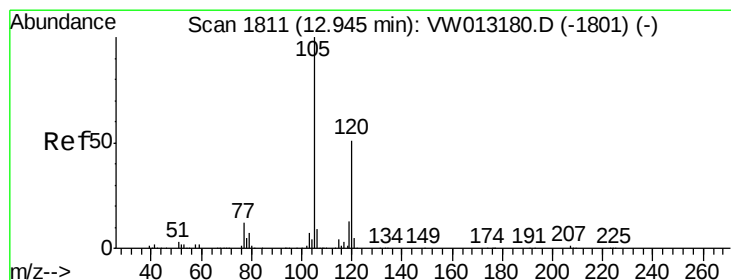
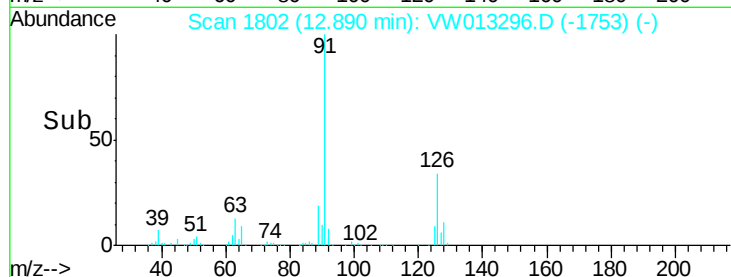
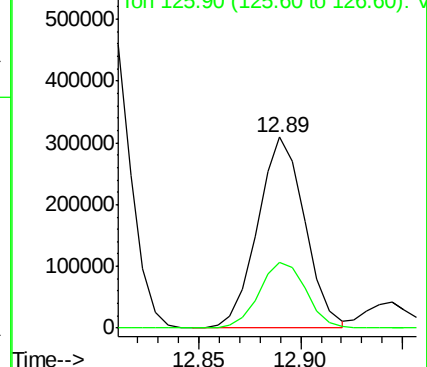
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Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 46.242 ug/l

RT: 12.94 min Scan# 1811

Delta R.T. -0.00 min

Lab File: VW013296.D

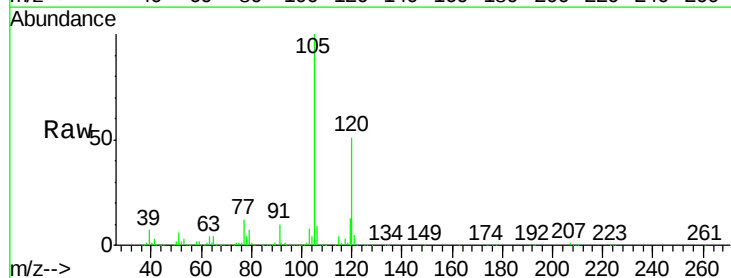
Acq: 25 Sep 2019 17:11

Tgt Ion:105 Resp: 632146

Ion Ratio Lower Upper

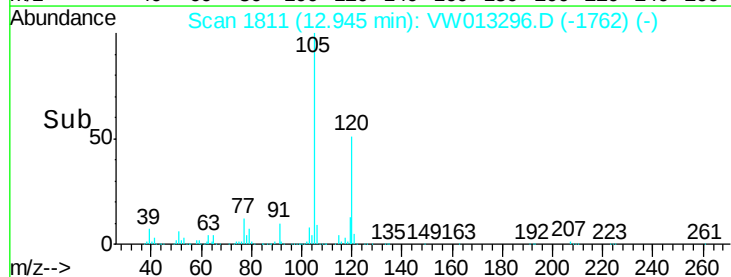
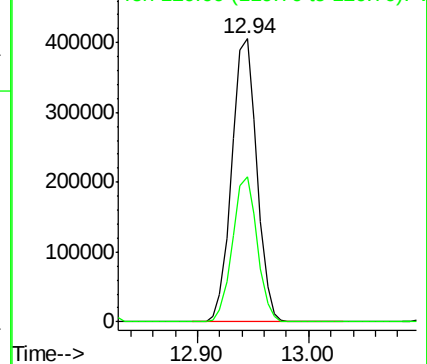
105 100

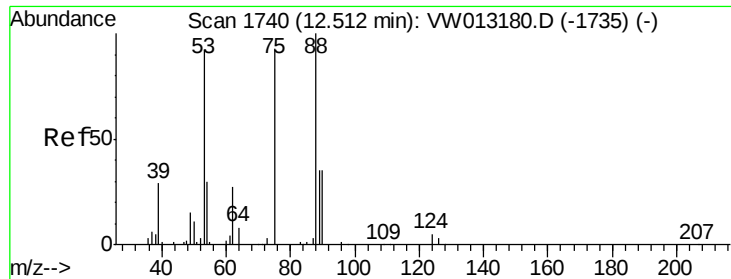
120 50.4 24.9 74.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





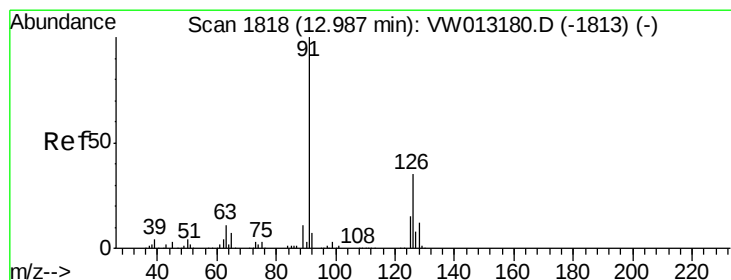
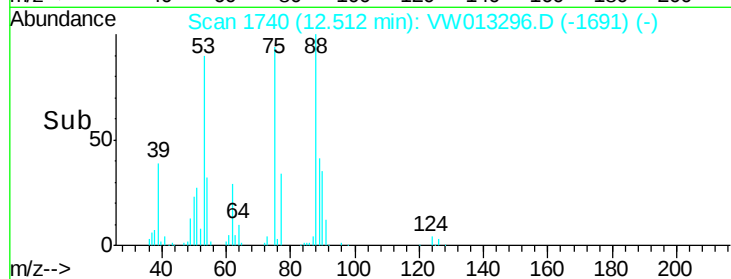
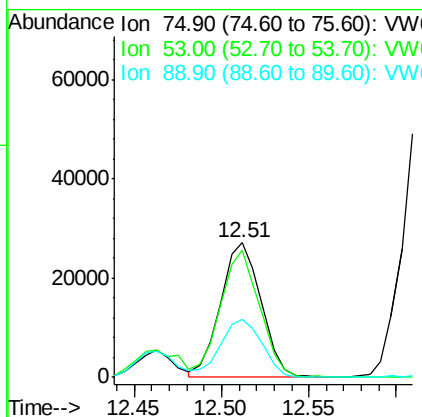
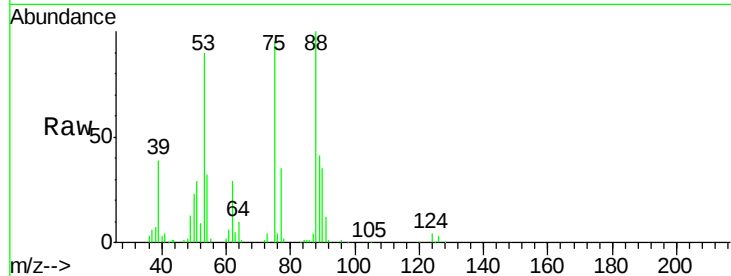
#81
trans-1,4-Dichloro-2-butene
Concen: 50.149 ug/l
RT: 12.51 min Scan# 1740
Delta R.T. -0.00 min
Lab File: VW013296.D
Acq: 25 Sep 2019 17:11

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
75	100		
53	92.8	76.6	114.8
89	45.1	33.5	50.3

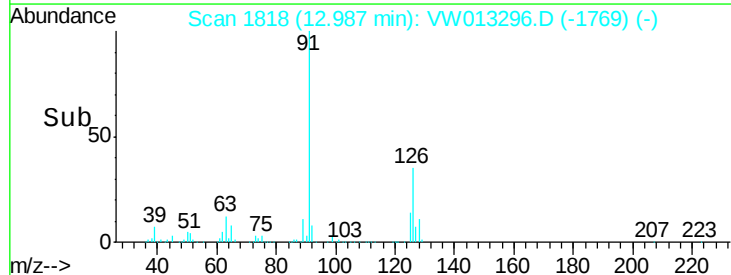
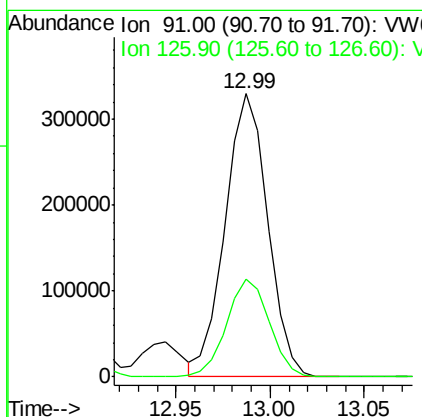
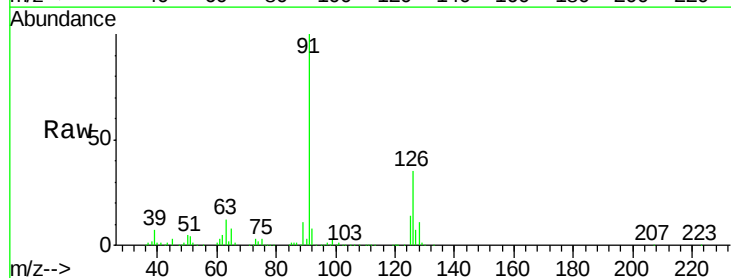
Manual Integrations
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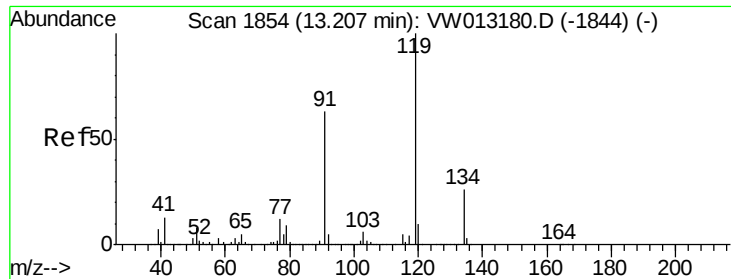
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#82
4-Chlorotoluene
Concen: 45.744 ug/l
RT: 12.99 min Scan# 1818
Delta R.T. -0.00 min
Lab File: VW013296.D
Acq: 25 Sep 2019 17:11

Tgt Ion	Ratio	Lower	Upper
91	100		
126	35.0	17.3	51.7





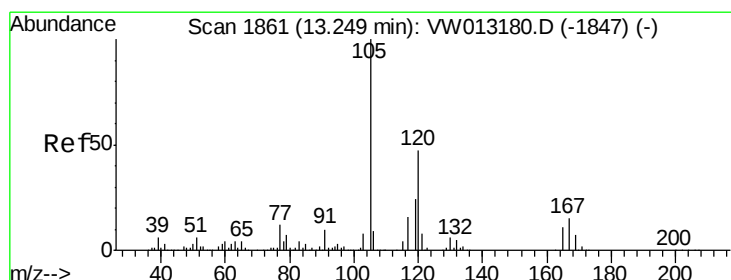
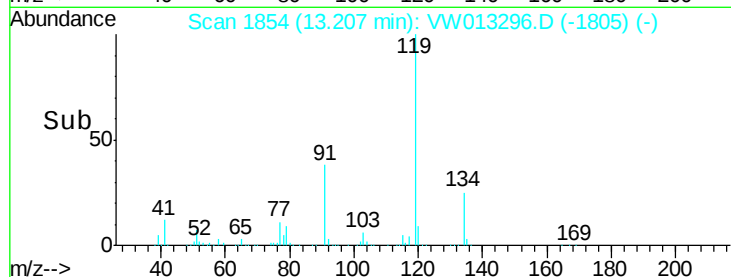
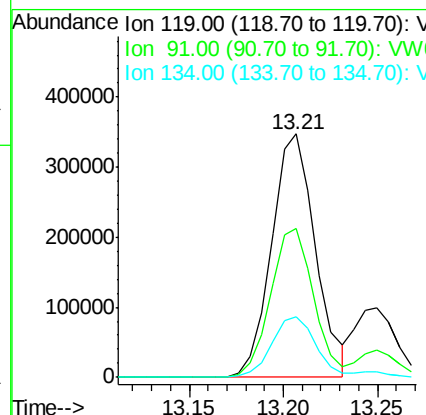
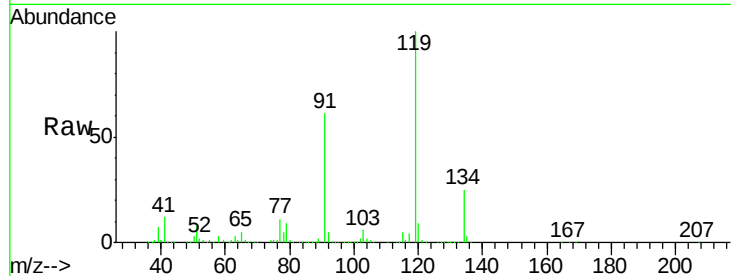
#83
tert-Butylbenzene
Concen: 46.578 ug/l
RT: 13.21 min Scan# 1854
Delta R.T. -0.00 min
Lab File: VW013296.D
Acq: 25 Sep 2019 17:11

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
119	100		
91	60.1	30.7	92.1
134	25.1	12.6	37.6

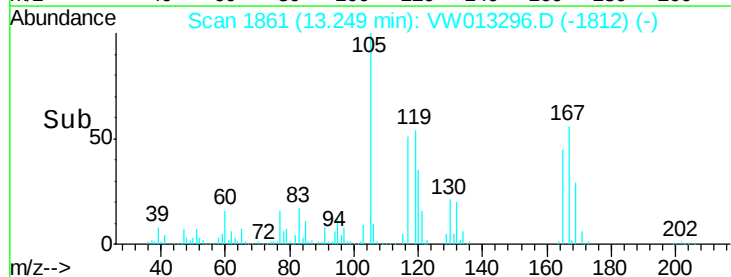
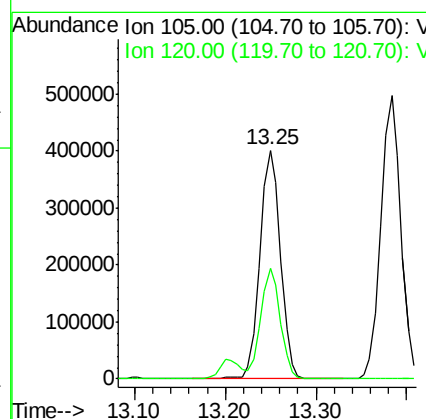
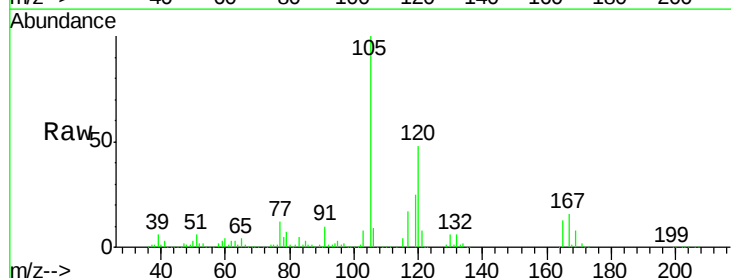
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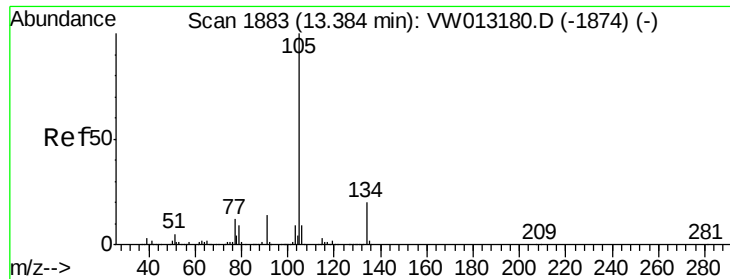
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#84
1,2,4-Trimethylbenzene
Concen: 46.194 ug/l
RT: 13.25 min Scan# 1861
Delta R.T. -0.00 min
Lab File: VW013296.D
Acq: 25 Sep 2019 17:11

Tgt Ion	Ratio	Lower	Upper
105	100		
120	46.0	23.4	70.3





#85

sec-Butylbenzene

Concen: 45.764 ug/l

RT: 13.38 min Scan# 1883

Delta R.T. -0.00 min

Lab File: VW013296.D

Acq: 25 Sep 2019 17:11

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 757057

Ion Ratio Lower Upper

105 100

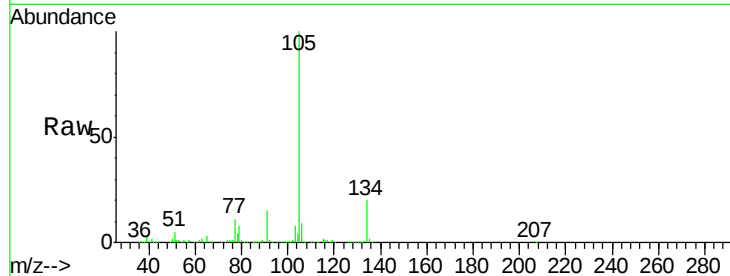
134 20.2 10.3 30.8

Manual Integrations

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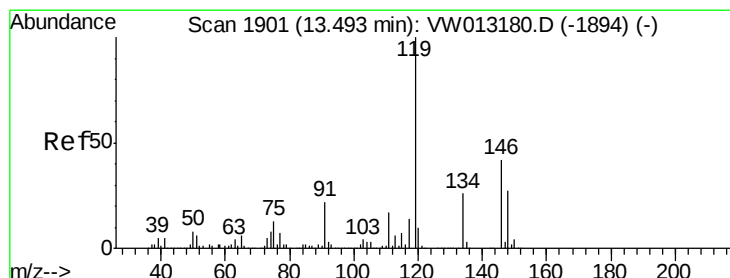
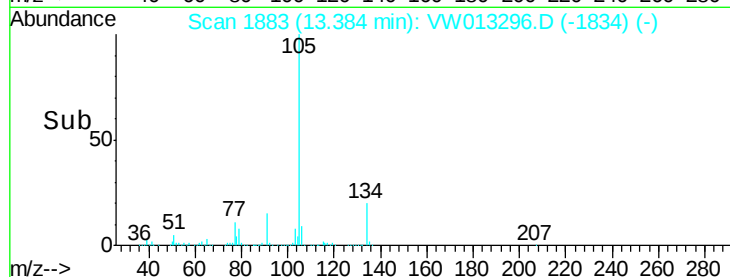
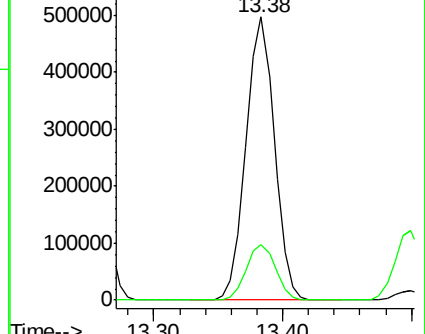
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 46.088 ug/l

RT: 13.50 min Scan# 1902

Delta R.T. 0.01 min

Lab File: VW013296.D

Acq: 25 Sep 2019 17:11

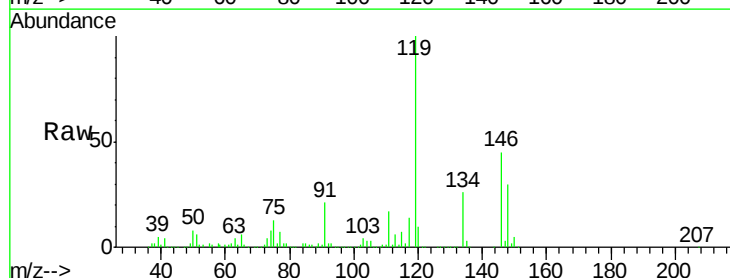
Tgt Ion:119 Resp: 707135

Ion Ratio Lower Upper

119 100

134 26.0 13.3 39.8

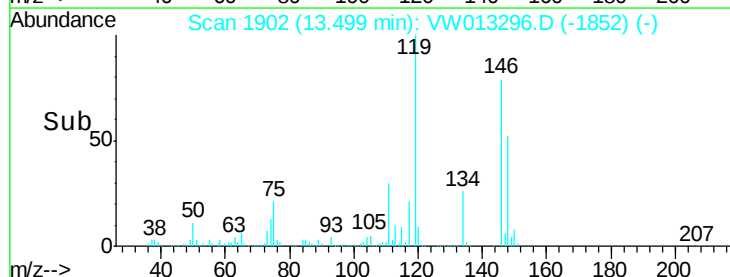
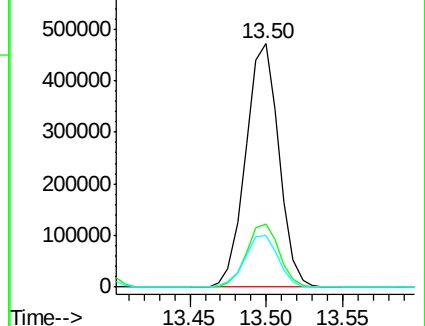
91 21.6 10.8 32.4

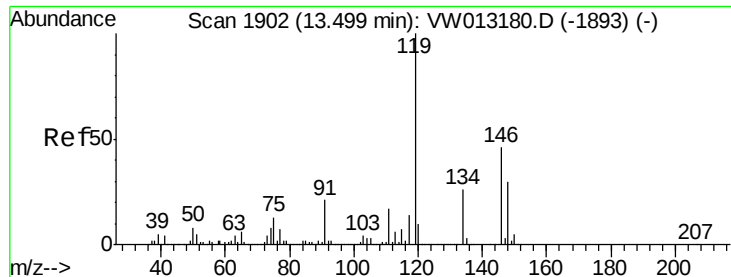


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





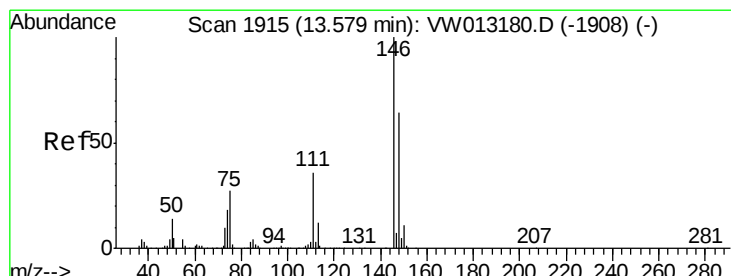
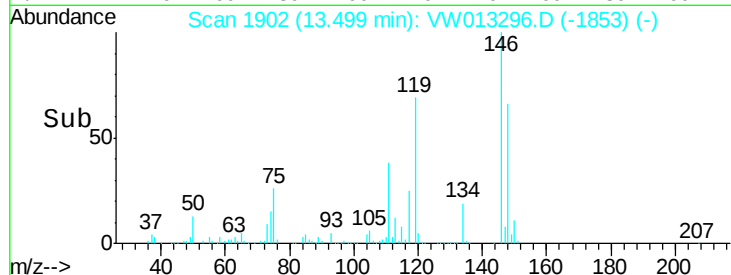
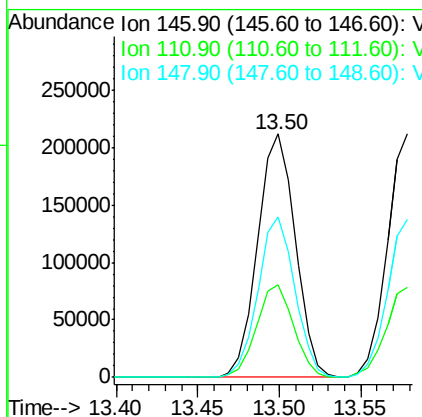
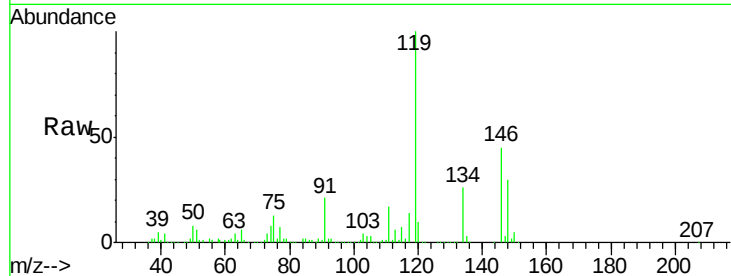
#87
 1,3-Dichlorobenzene
 Concen: 45.758 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. -0.00 min
 Lab File: VW013296.D
 Acq: 25 Sep 2019 17:11

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.4	18.9	56.9
148	64.4	31.9	95.5

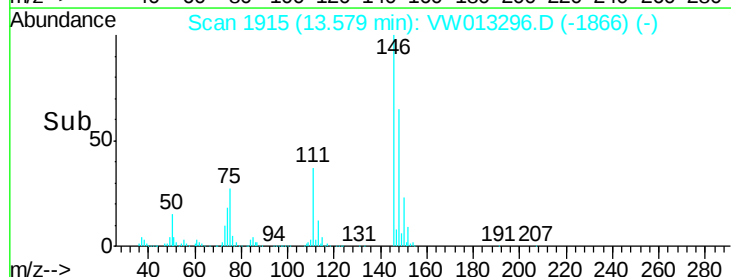
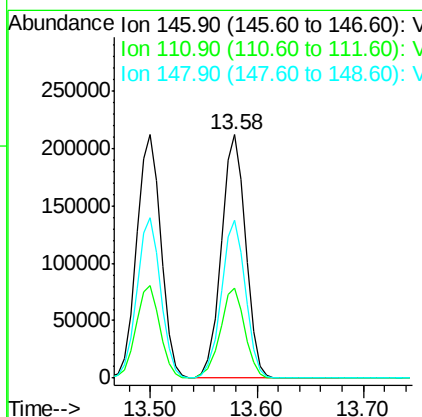
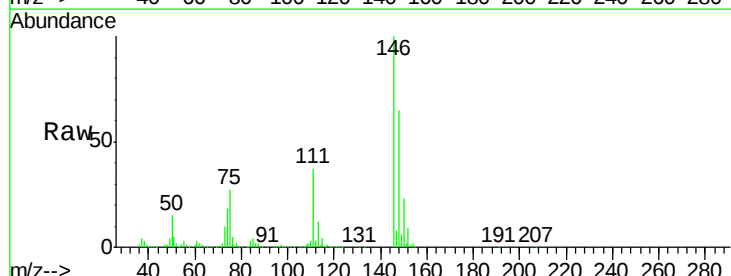
Manual Integrations
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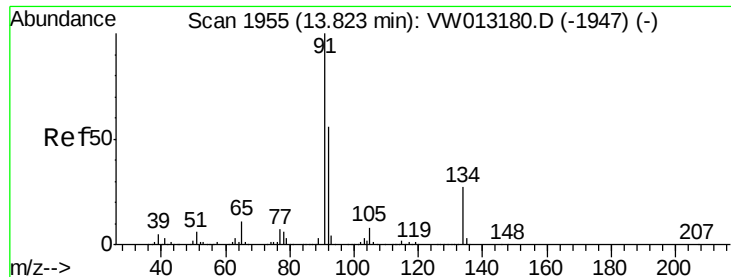
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#88
 1,4-Dichlorobenzene
 Concen: 46.319 ug/l
 RT: 13.58 min Scan# 1915
 Delta R.T. -0.00 min
 Lab File: VW013296.D
 Acq: 25 Sep 2019 17:11

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.3	18.4	55.0
148	64.4	32.1	96.3





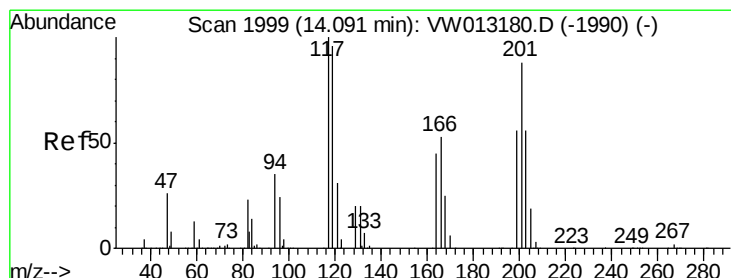
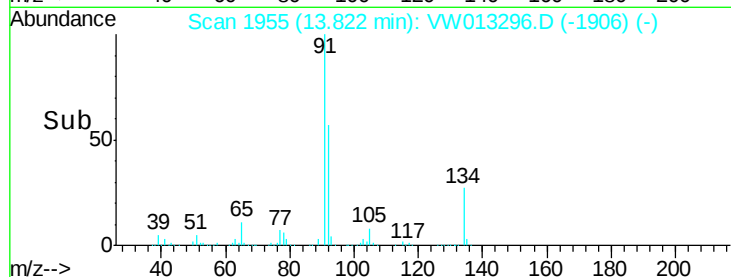
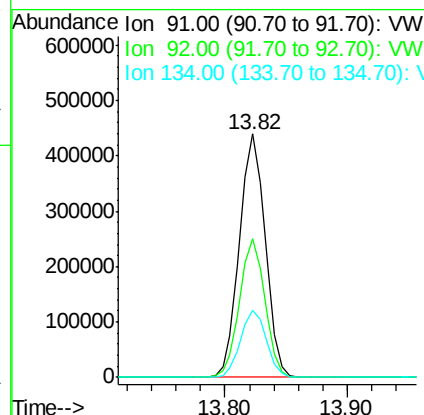
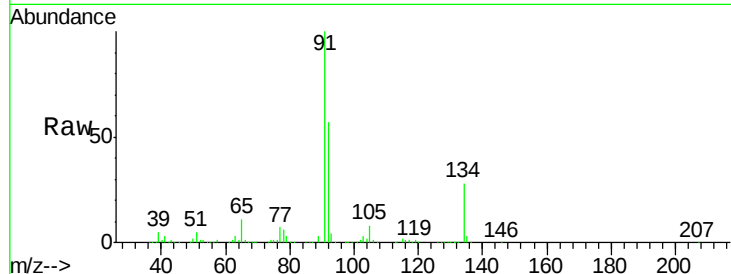
#89
n-Butylbenzene
Concen: 45.666 ug/l
RT: 13.82 min Scan# 1955
Delta R.T. -0.00 min
Lab File: VW013296.D
Acq: 25 Sep 2019 17:11

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
91	100		
92	56.0	27.6	82.8
134	27.6	13.7	41.1

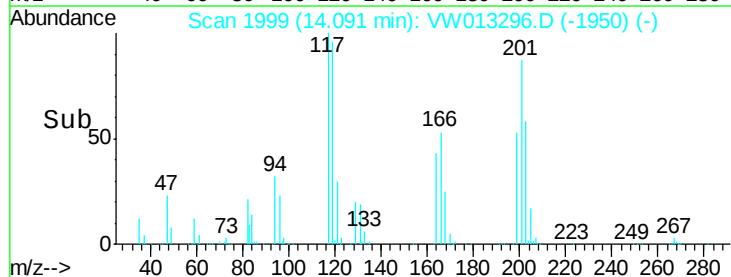
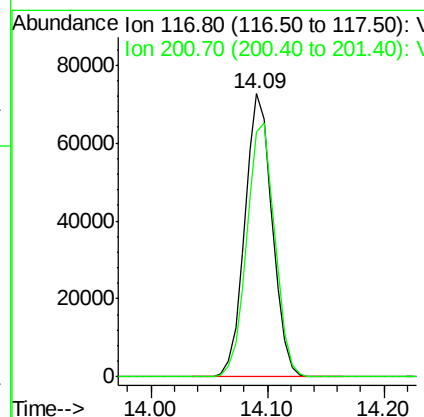
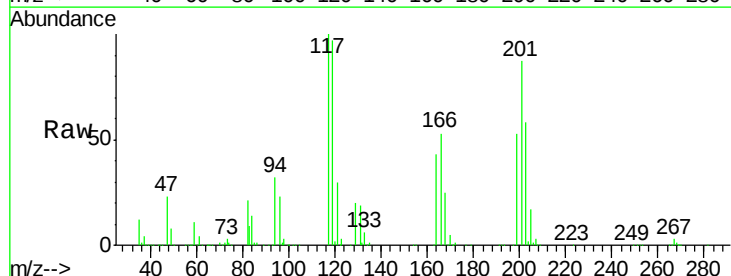
Manual Integrations
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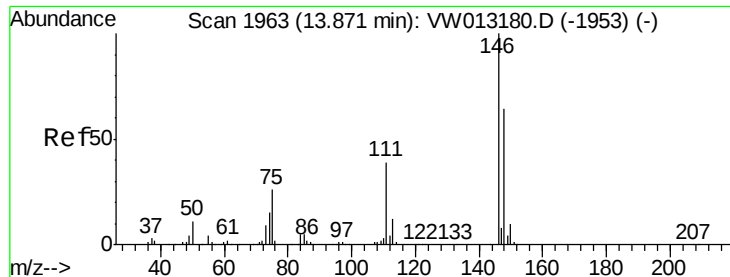
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#90
Hexachloroethane
Concen: 46.213 ug/l
RT: 14.09 min Scan# 1999
Delta R.T. -0.00 min
Lab File: VW013296.D
Acq: 25 Sep 2019 17:11

Tgt Ion	Ratio	Lower	Upper
117	100		
201	91.9	44.5	133.5





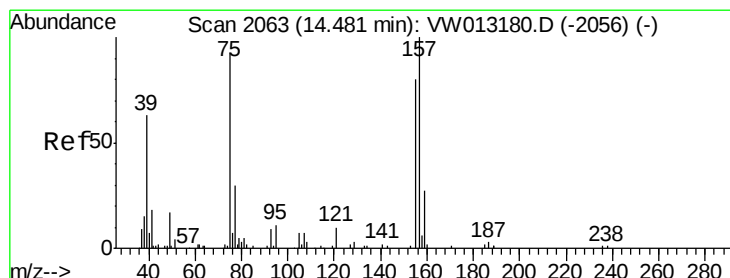
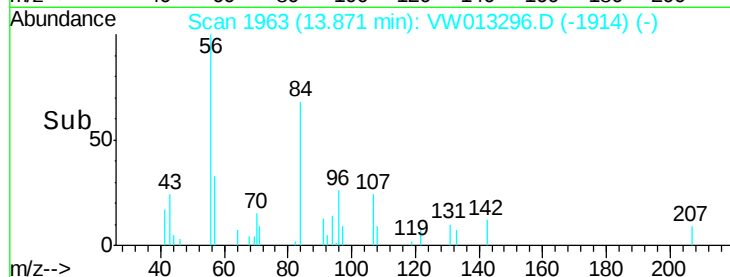
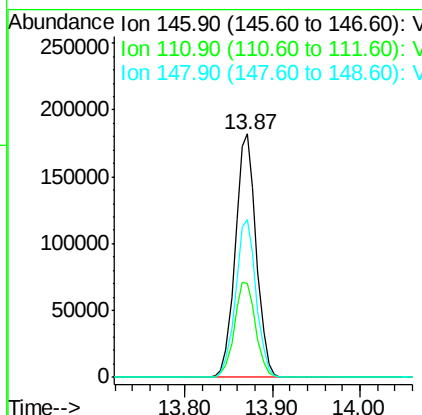
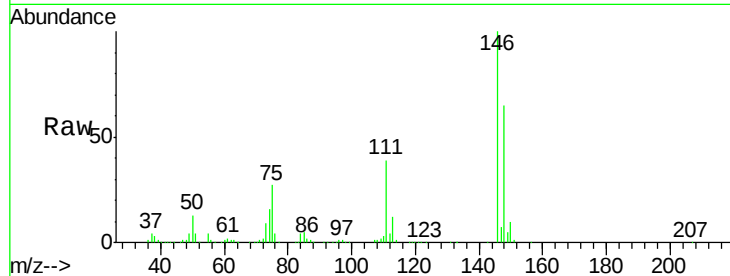
#91
 1,2-Dichlorobenzene
 Concen: 47.206 ug/l
 RT: 13.87 min Scan# 1963
 Delta R.T. -0.00 min
 Lab File: VW013296.D
 Acq: 25 Sep 2019 17:11

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:	146	Resp:	302901
Ion Ratio	Lower	Upper	
146	100		
111	39.7	20.1	60.3
148	64.0	32.0	96.0

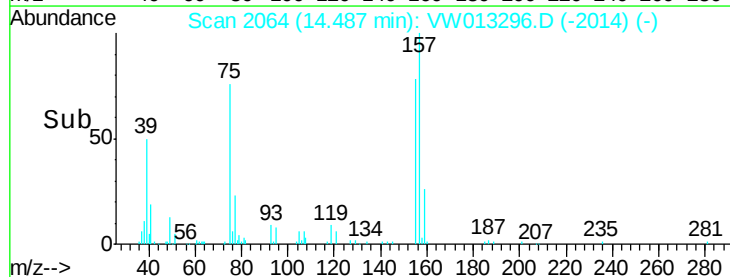
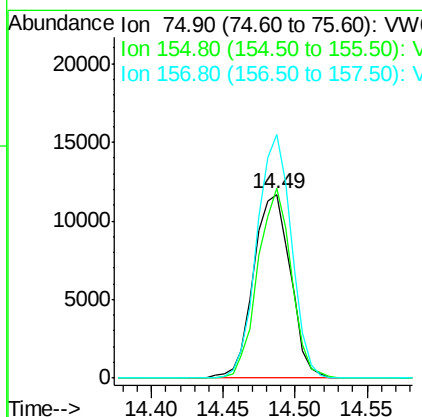
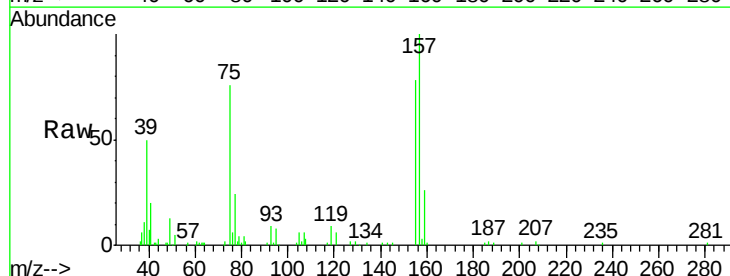
Manual Integrations
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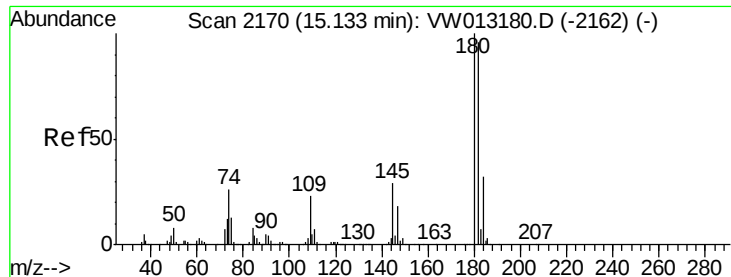
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 49.624 ug/l
 RT: 14.49 min Scan# 2064
 Delta R.T. 0.01 min
 Lab File: VW013296.D
 Acq: 25 Sep 2019 17:11

Tgt Ion:	75	Resp:	20644
Ion Ratio	Lower	Upper	
75	100		
155	93.9	46.1	138.3
157	123.7	60.4	181.2





#93

1,2,4-Trichlorobenzene

Concen: 47.417 ug/l

RT: 15.13 min Scan# 2170

Delta R.T. -0.00 min

Lab File: VW013296.D

Acq: 25 Sep 2019 17:11

Instrument :

MSVOA_W

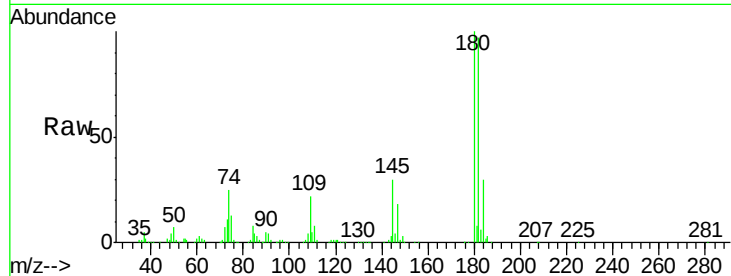
ClientSampleId :

VSTDCCC050EC

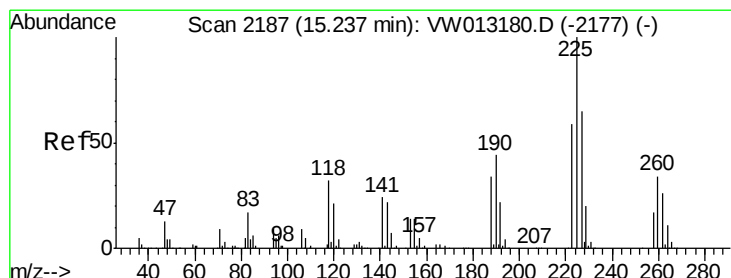
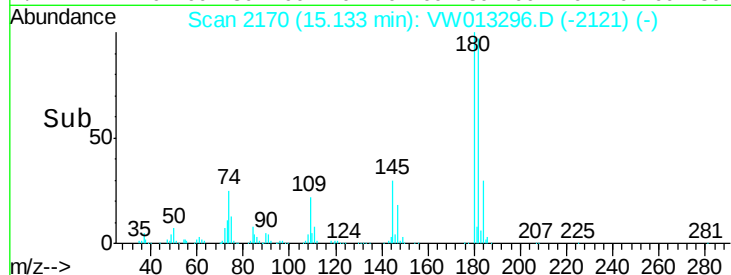
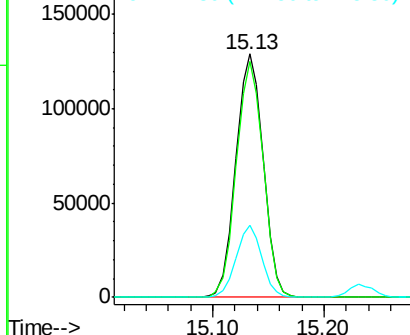
Tot Ion:	180	Resp:	218021
Ion Ratio	Lower	Upper	
180	100		
182	95.8	47.3	142.0
145	27.9	14.2	42.8

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



#94

Hexachlorobutadiene

Concen: 45.888 ug/l

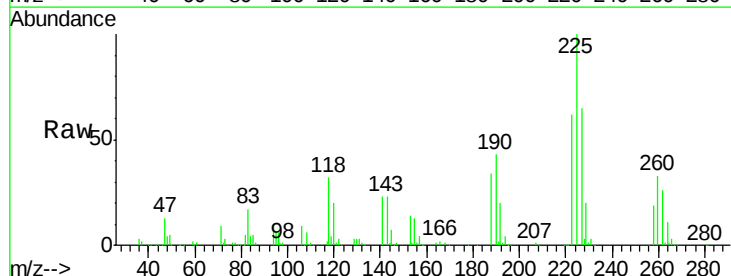
RT: 15.24 min Scan# 2187

Delta R.T. -0.00 min

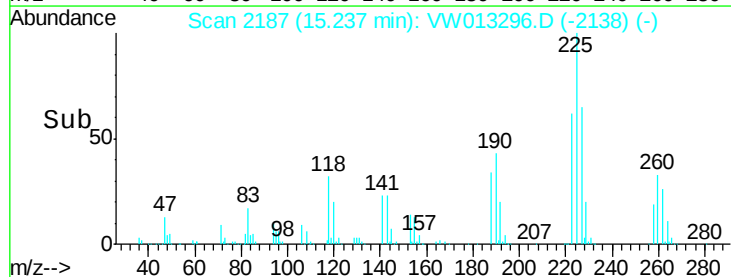
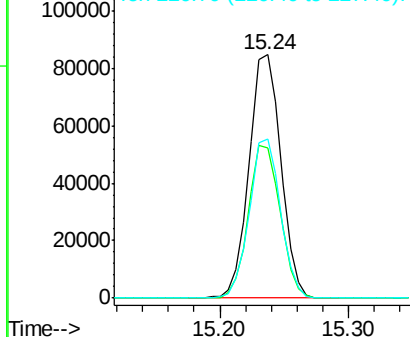
Lab File: VW013296.D

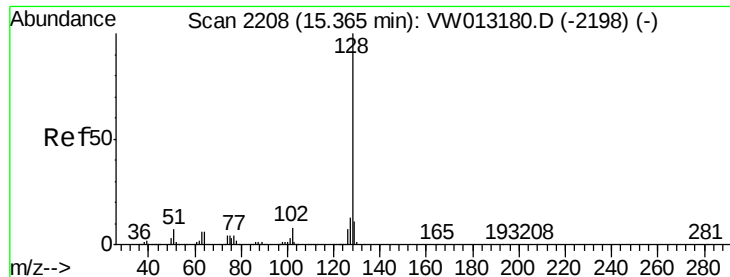
Acq: 25 Sep 2019 17:11

Tgt Ion:	225	Resp:	144349
Ion Ratio	Lower	Upper	
225	100		
223	62.8	30.6	91.8
227	64.0	31.9	95.9



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





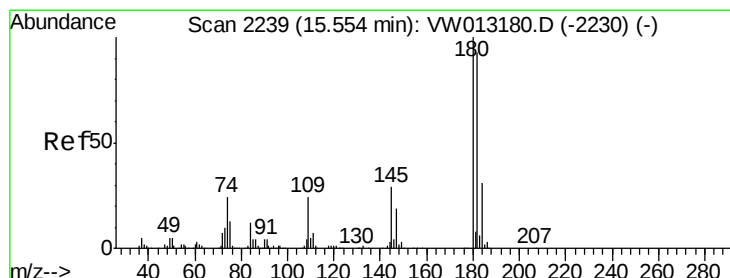
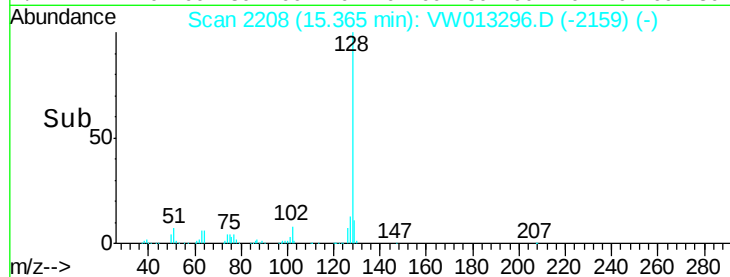
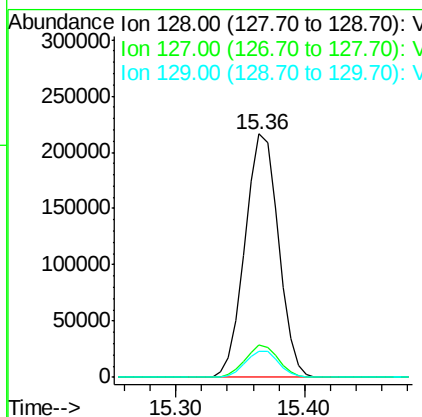
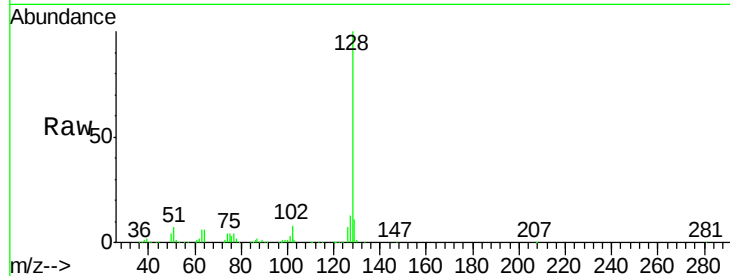
#95
Naphthalene
Concen: 51.607 ug/l
RT: 15.36 min Scan# 2208
Delta R.T. -0.00 min
Lab File: VW013296.D
Acq: 25 Sep 2019 17:11

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
128	100	388090		
127	13.2	10.6	15.8	
129	10.8	8.7	13.1	

Manual Integrations
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#96
1,2,3-Trichlorobenzene
Concen: 48.333 ug/l
RT: 15.55 min Scan# 2239
Delta R.T. -0.00 min
Lab File: VW013296.D
Acq: 25 Sep 2019 17:11

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	192025		
182	96.3	47.9	143.7	
145	29.7	15.0	45.0	

